

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069731.D
 Acq On : 3 Dec 2021 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 04 05:37:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	1190611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1974408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1840193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	800424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	791311	43.046	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.100%		
35) Dibromofluoromethane	8.021	113	548888	44.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.760%		
50) Toluene-d8	10.440	98	2154182	43.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.760%		
62) 4-Bromofluorobenzene	12.731	95	778151	43.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	630100	45.374	ug/l	100
3) Chloromethane	2.303	50	754245	43.354	ug/l	100
4) Vinyl Chloride	2.445	62	712387	44.533	ug/l	99
5) Bromomethane	2.840	94	385716	44.382	ug/l	97
6) Chloroethane	3.011	64	430357	43.902	ug/l	98
7) Trichlorofluoromethane	3.371	101	933812	44.477	ug/l	98
8) Diethyl Ether	3.821	74	357204	44.174	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	526068	44.699	ug/l	96
10) Methyl Iodide	4.417	142	720048	44.785	ug/l	97
11) Tert butyl alcohol	5.377	59	630818	181.539	ug/l	99
12) 1,1-Dichloroethene	4.175	96	504316	44.468	ug/l	90
13) Acrolein	4.039	56	577031	195.000	ug/l	99
14) Allyl chloride	4.838	41	1112315	43.526	ug/l	94
15) Acrylonitrile	5.554	53	1964045	209.757	ug/l	99
16) Acetone	4.285	43	1825440	165.075	ug/l	96
17) Carbon Disulfide	4.527	76	1317232	44.957	ug/l	100
18) Methyl Acetate	4.854	43	1348330	40.395	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1946000	44.130	ug/l	97
20) Methylene Chloride	5.093	84	622267	42.329	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	544542	44.206	ug/l	88
22) Diisopropyl ether	6.498	45	2268333	45.412	ug/l	95
23) Vinyl Acetate	6.434	43	9304240	228.959	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1168604	45.164	ug/l	98
25) 2-Butanone	7.335	43	2892610	192.521	ug/l	91
26) 2,2-Dichloropropane	7.324	77	831906	41.352	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	664045	44.619	ug/l	88
28) Bromochloromethane	7.657	49	581427	43.212	ug/l #	78
29) Tetrahydrofuran	7.683	42	1899486	208.197	ug/l	89
30) Chloroform	7.817	83	1178334	45.092	ug/l	99
31) Cyclohexane	8.094	56	1126072	44.017	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1011162	45.427	ug/l	96
36) 1,1-Dichloropropene	8.220	75	861309	45.825	ug/l	97
37) Ethyl Acetate	7.412	43	1172550	41.914	ug/l	95
38) Carbon Tetrachloride	8.204	117	850508	46.144	ug/l	99
39) Methylcyclohexane	9.459	83	1024549	45.827	ug/l	90
40) Benzene	8.458	78	2609878	45.428	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	578778	44.073	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	1035350	44.643	ug/l	96
43) Isopropyl Acetate	8.560	43	1792803	43.306	ug/l #	94
44) Trichloroethene	9.215	130	634334	46.260	ug/l	93
45) 1,2-Dichloropropane	9.488	63	693663	44.962	ug/l	100
46) Dibromomethane	9.577	93	456497	45.117	ug/l	93
47) Bromodichloromethane	9.762	83	899856	46.973	ug/l	100
48) Methyl methacrylate	9.558	41	844255	43.699	ug/l	89
49) 1,4-Dioxane	9.569	88	282684	815.462	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5912819	220.164	ug/l	95
52) Toluene	10.505	92	1616294	46.081	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	936902	41.178	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1024200	42.654	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	633186	44.742	ug/l	97
56) Ethyl methacrylate	10.760	69	1097420	41.503	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1116049	44.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1362928	193.494	ug/l	92
59) 2-Hexanone	11.084	43	4217383	207.589	ug/l	93
60) Dibromochloromethane	11.237	129	639323	42.535	ug/l	100
61) 1,2-Dibromoethane	11.344	107	665085	45.373	ug/l	99
64) Tetrachloroethene	10.977	164	570332	45.708	ug/l	95
65) Chlorobenzene	11.771	112	1699074	45.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	619119	47.118	ug/l	99
67) Ethyl Benzene	11.843	91	3190588	47.050	ug/l	97
68) m/p-Xylenes	11.953	106	2332573	94.470	ug/l	91
69) o-Xylene	12.280	106	1164476	46.821	ug/l	92
70) Styrene	12.294	104	1913279	48.514	ug/l	96
71) Bromoform	12.457	173	463311	41.705	ug/l #	100
73) Isopropylbenzene	12.578	105	3102571	43.566	ug/l	98
74) N-amyl acetate	12.388	43	1300299	41.287	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1012750	41.125	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	922988m	40.210	ug/l	
77) Bromobenzene	12.860	156	706387	42.229	ug/l	80
78) n-propylbenzene	12.921	91	3520288	44.422	ug/l	96
79) 2-Chlorotoluene	13.007	91	2168749	43.311	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2536313	44.248	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	270162	39.453	ug/l	94
82) 4-Chlorotoluene	13.104	91	2063460	43.818	ug/l	93
83) tert-Butylbenzene	13.324	119	2206148	43.466	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2472712	45.297	ug/l	98
85) sec-Butylbenzene	13.501	105	3086705	44.836	ug/l	98
86) p-Isopropyltoluene	13.616	119	2458926	45.694	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1199396	43.645	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1160245	42.963	ug/l	98
89) n-Butylbenzene	13.943	91	1964687	45.007	ug/l	98
90) Hexachloroethane	14.211	117	428002	45.301	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1161326	43.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	180602	40.585	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	500547	38.799	ug/l	98
94) Hexachlorobutadiene	15.370	225	301183	42.443	ug/l	99
95) Naphthalene	15.507	128	1310519	34.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	489614	38.827	ug/l	98

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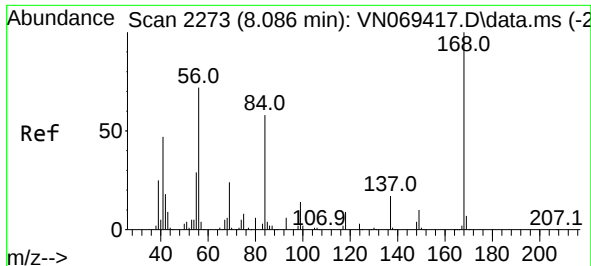
Manual Integrations
APPROVED

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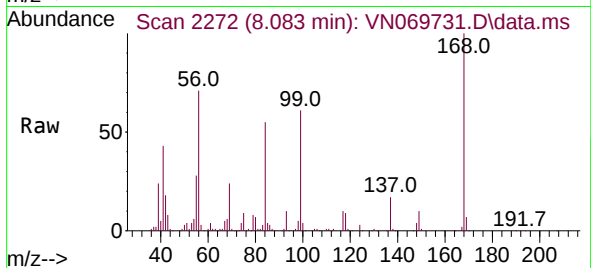
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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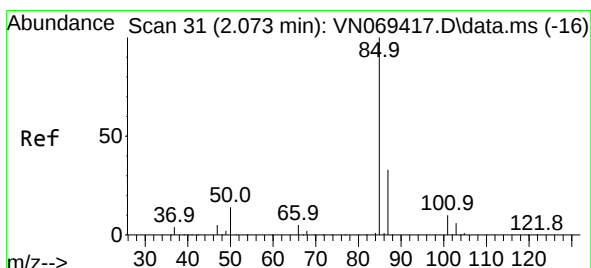
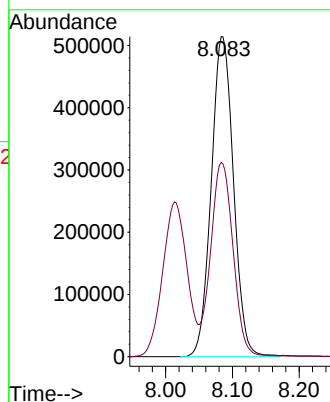
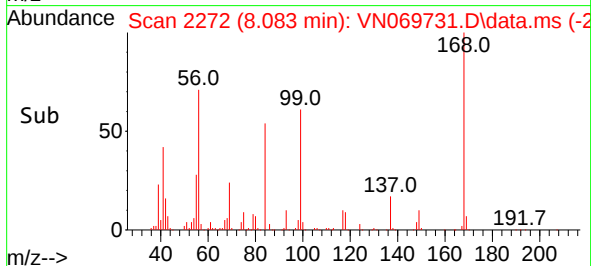
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VSTDCCC050EC



Tgt Ion:168 Resp: 119061
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

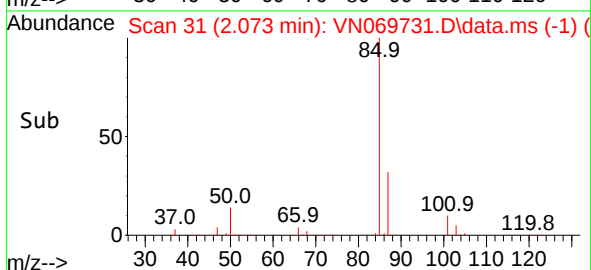
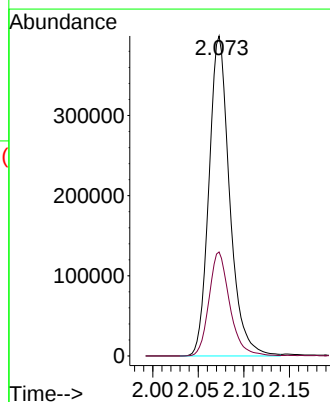
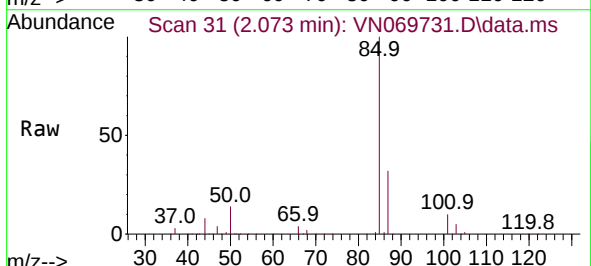
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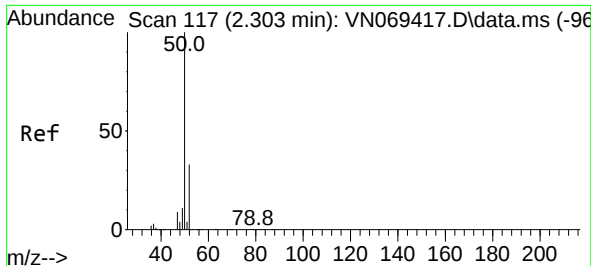
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 45.374 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 85 Resp: 630100
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





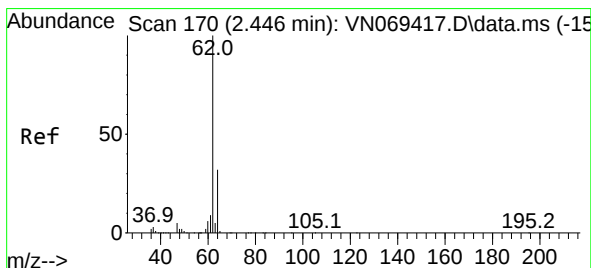
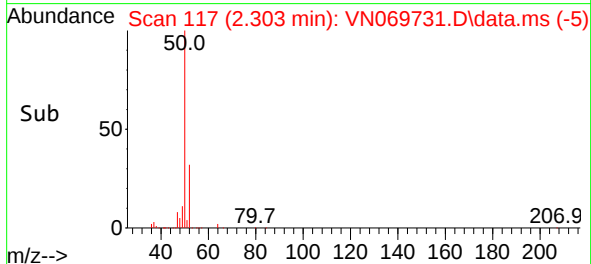
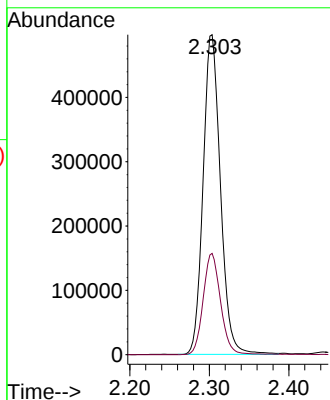
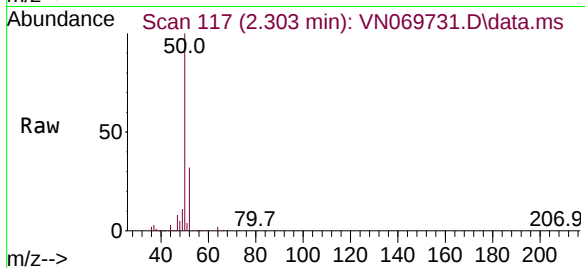
#3
Chloromethane
Concen: 43.354 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

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Tgt Ion: 50 Resp: 754245
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

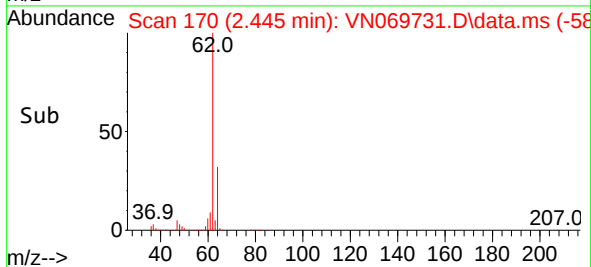
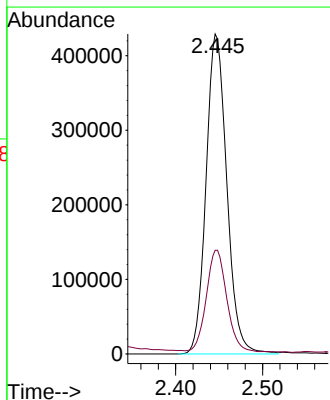
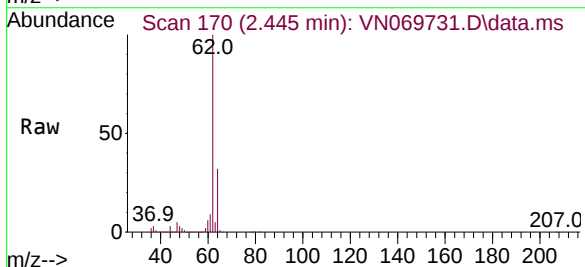
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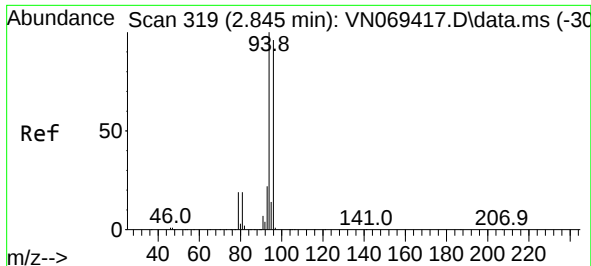
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 44.533 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

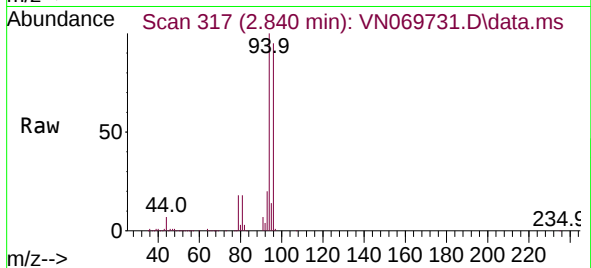
Tgt Ion: 62 Resp: 712387
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 44.382 ug/l
RT: 2.840 min Scan# 319
Delta R.T. 0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

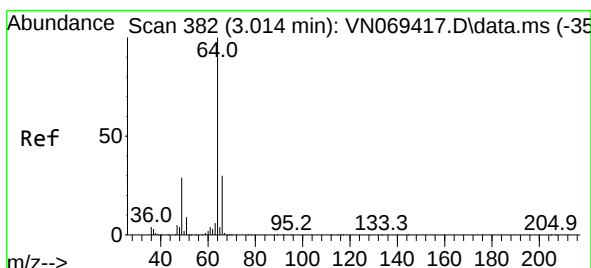
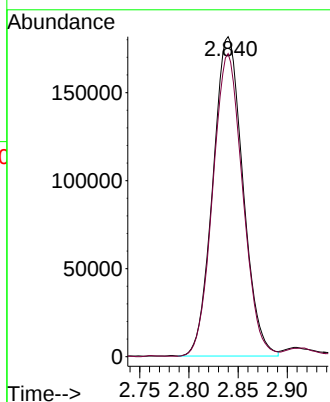
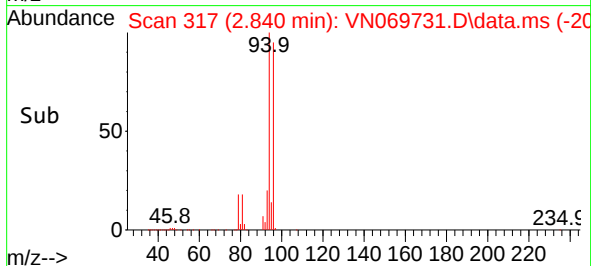
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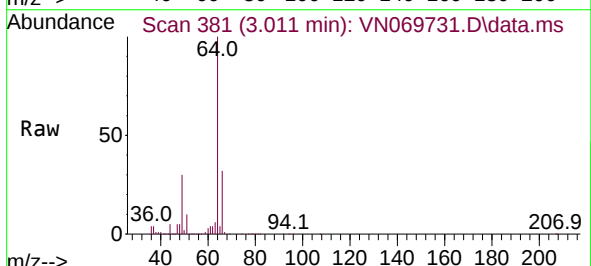
Tgt Ion: 94 Resp: 385710
Ion Ratio Lower Upper
94 100
96 94.7 73.8 110.8

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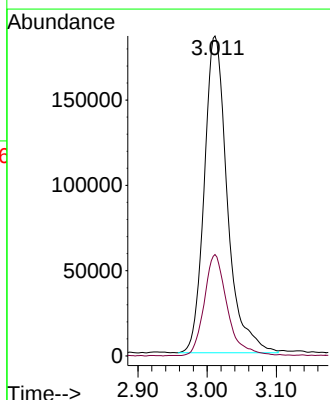
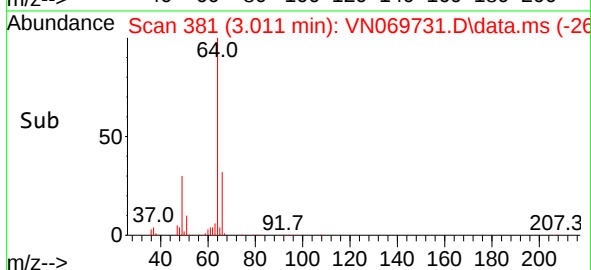
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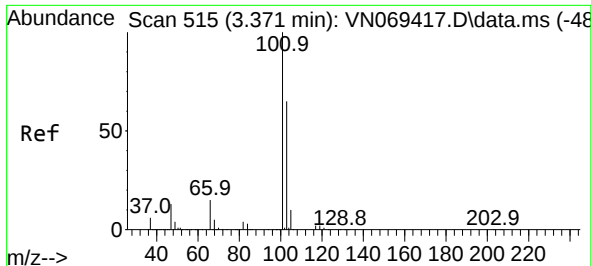


#6
Chloroethane
Concen: 43.902 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN069731.D
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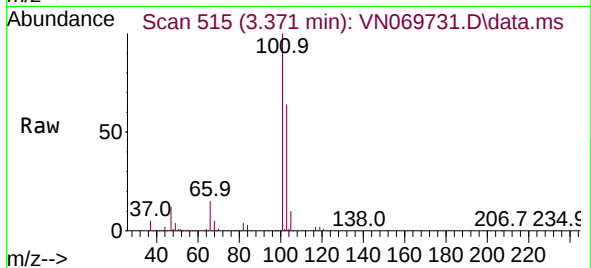
Tgt Ion: 64 Resp: 430357
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 44.477 ug/l
 RT: 3.371 min Scan# 515
 Delta R.T. 0.003 min
 Lab File: VN069731.D
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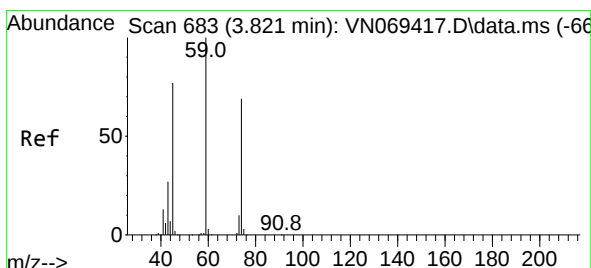
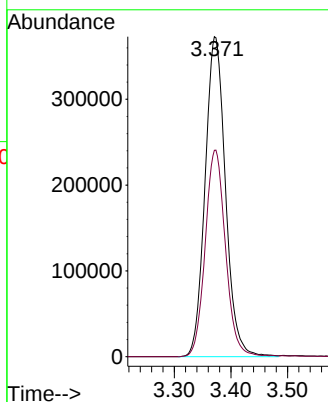
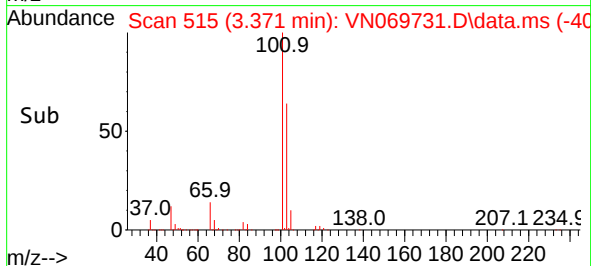
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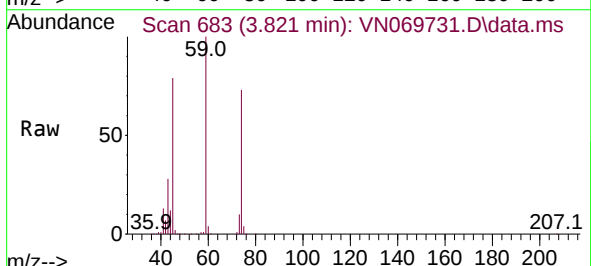
Tgt Ion:101 Resp: 933812
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.1 75.1

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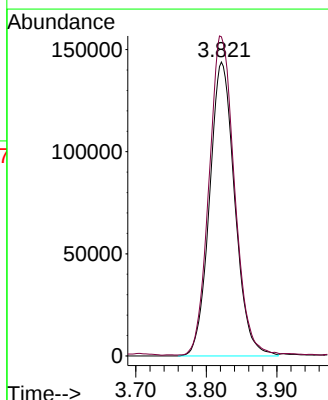
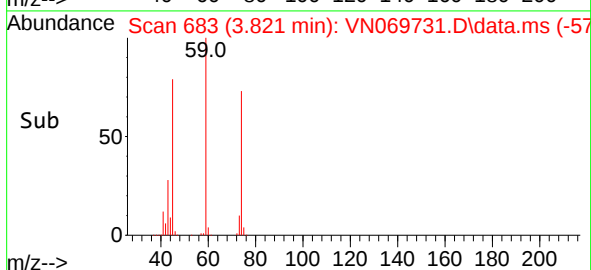
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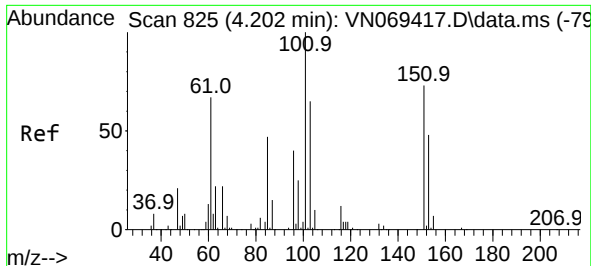


#8
 Diethyl Ether
 Concen: 44.174 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069731.D
 Acq: 3 Dec 2021 20:45



Tgt Ion: 74 Resp: 357204
 Ion Ratio Lower Upper
 74 100
 45 109.9 47.0 141.2





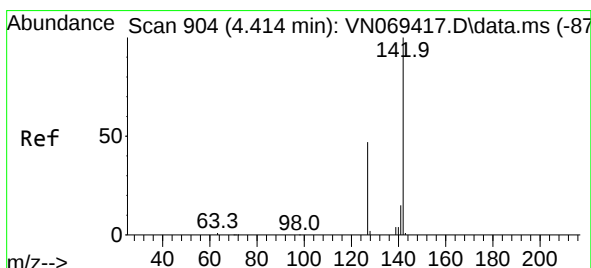
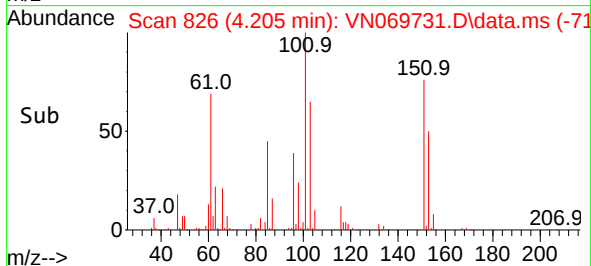
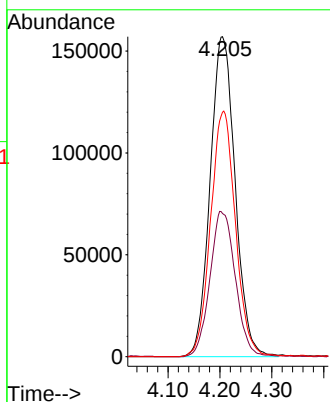
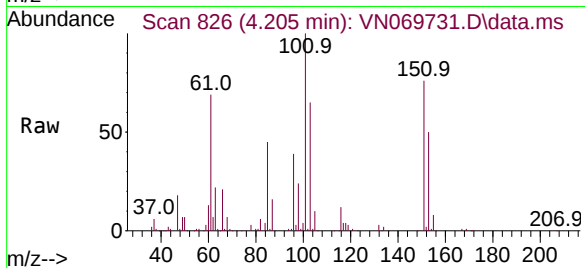
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.699 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52606
Ion Ratio Lower Upper
101 100
85 46.0 37.2 55.8
151 76.5 65.9 98.9

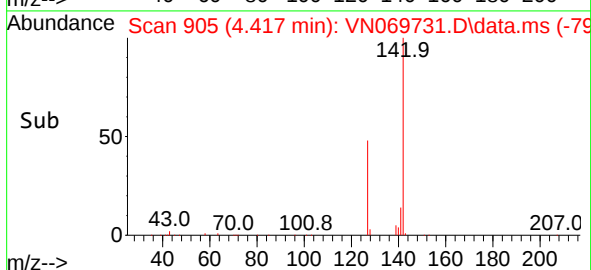
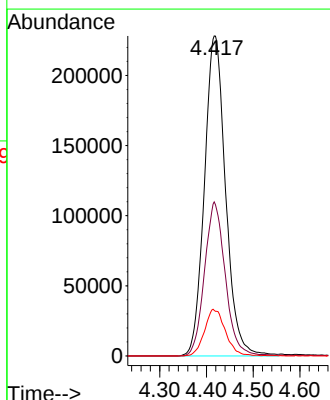
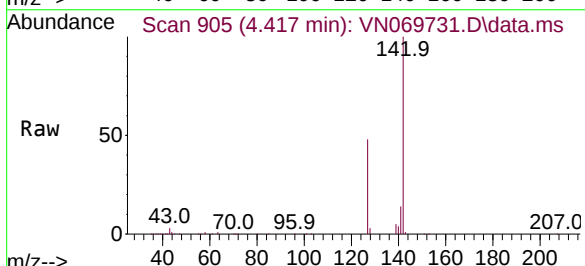
Manual Integrations
APPROVED

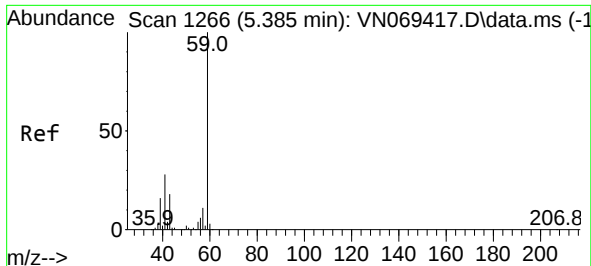
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 44.785 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

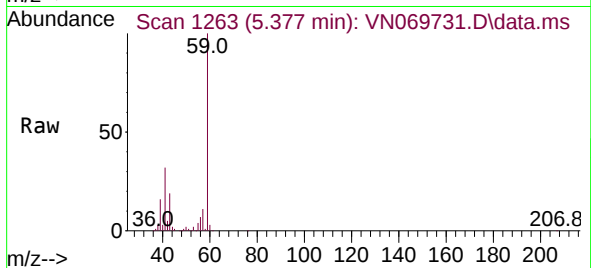
Tgt Ion:142 Resp: 720048
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 181.539 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

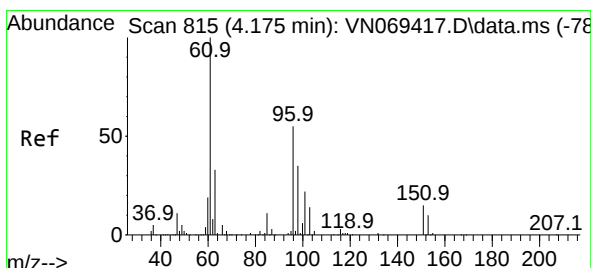
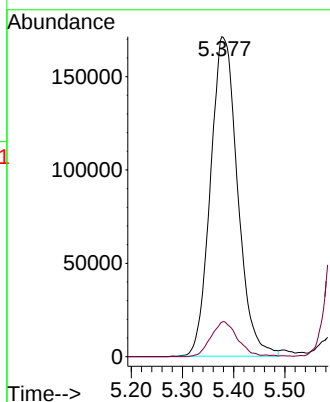
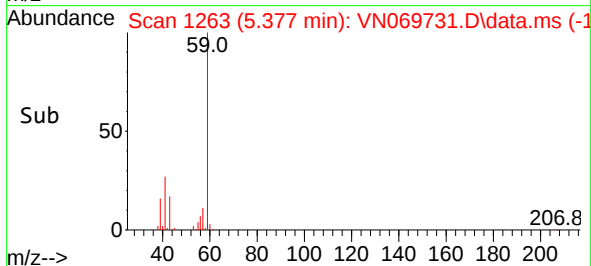
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 630818
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

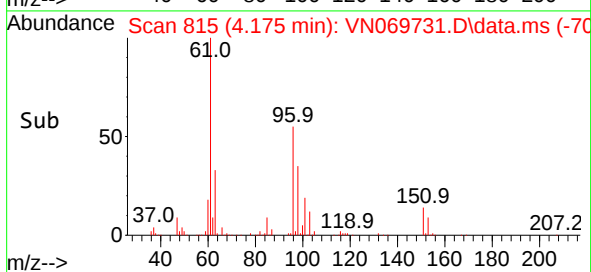
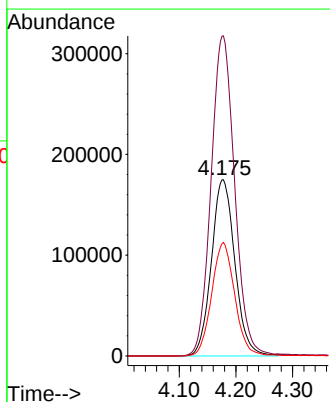
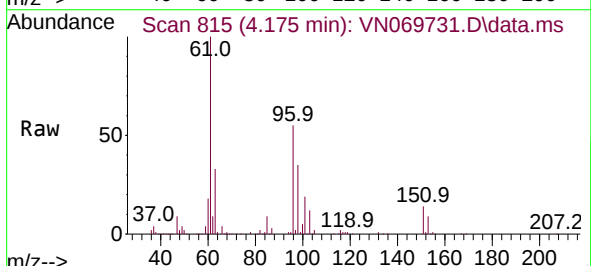
Manual Integrations
APPROVED

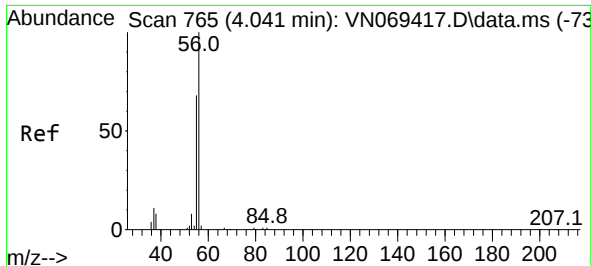
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 44.468 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 96 Resp: 504316
Ion Ratio Lower Upper
96 100
61 181.6 131.0 196.6
98 63.8 52.4 78.6





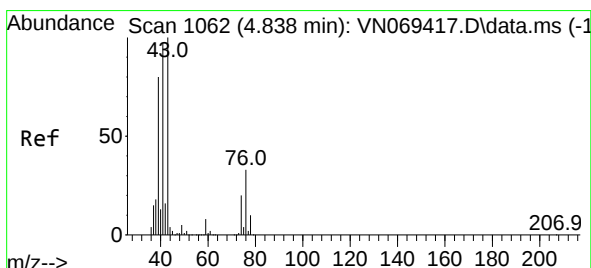
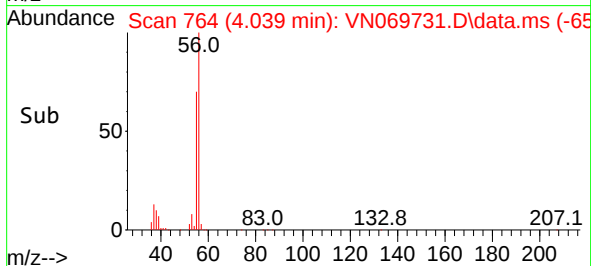
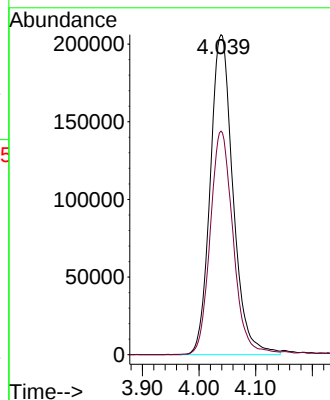
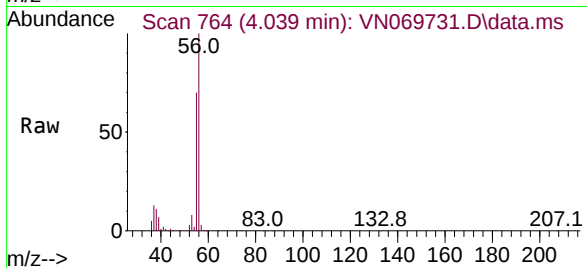
#13
Acrolein
Concen: 195.000 ug/l
RT: 4.039 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 57703
Ion Ratio Lower Upper
56 100
55 69.9 56.6 85.0

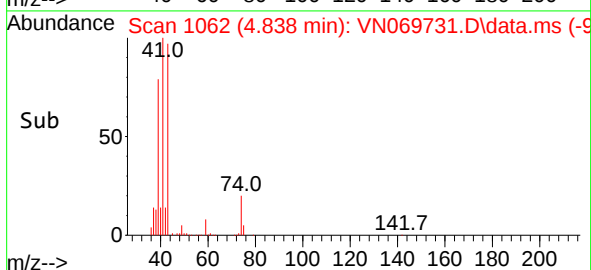
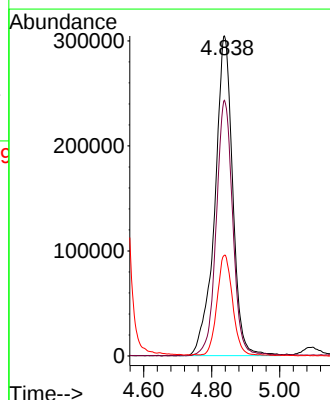
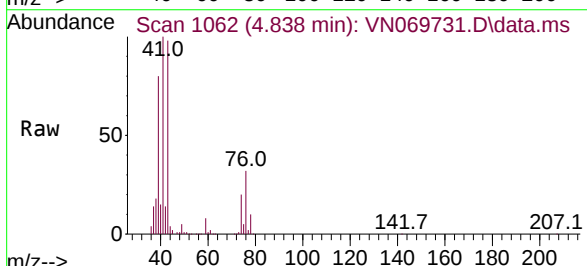
Manual Integrations
APPROVED

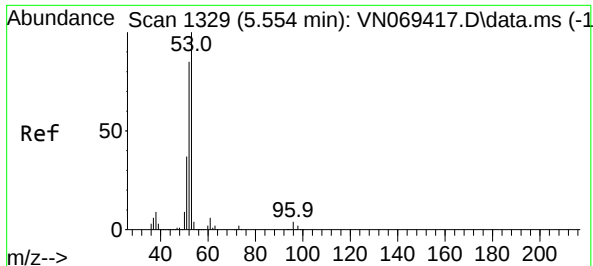
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 43.526 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

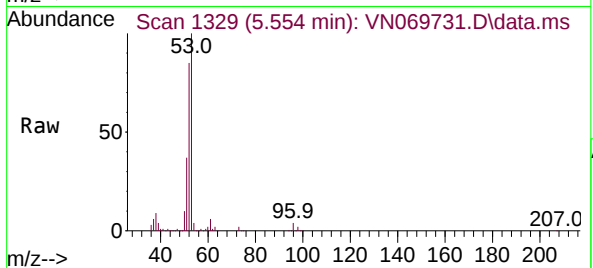
Tgt Ion: 41 Resp: 1112315
Ion Ratio Lower Upper
41 100
39 73.4 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 209.757 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

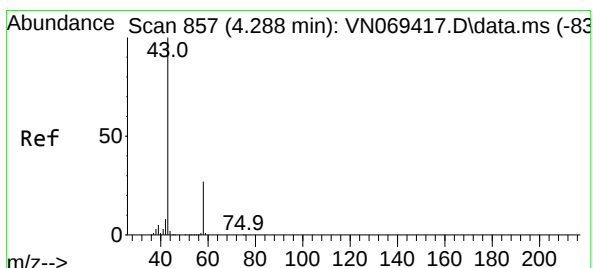
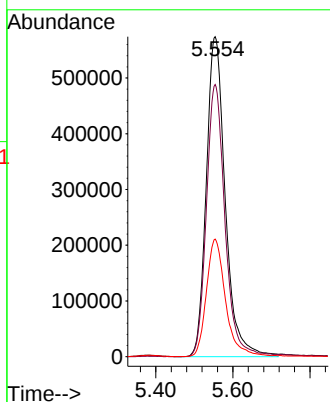
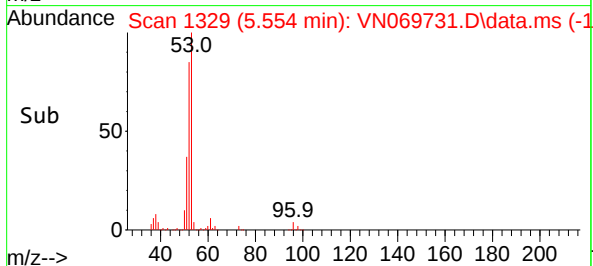
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 196404
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.2 29.6 44.4

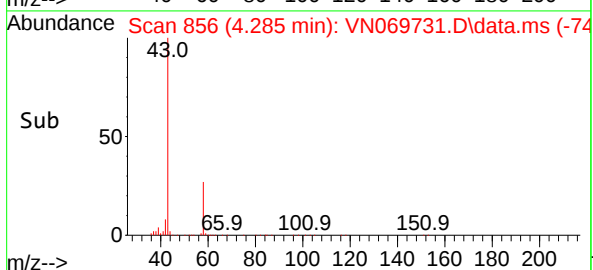
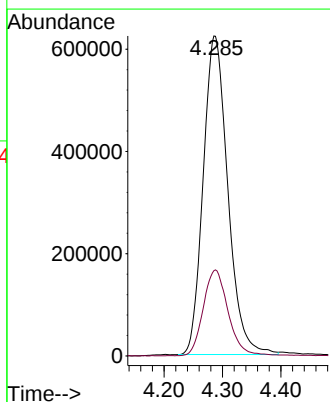
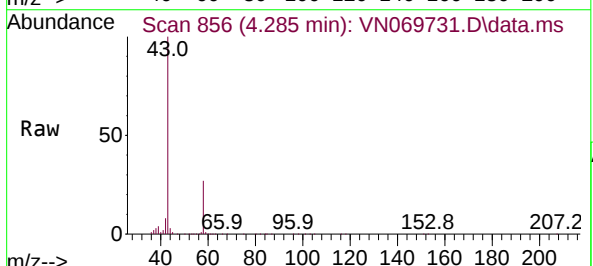
Manual Integrations
APPROVED

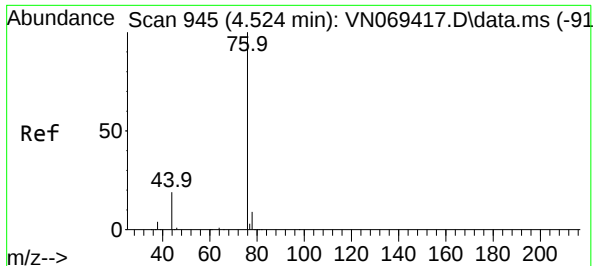
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 165.075 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

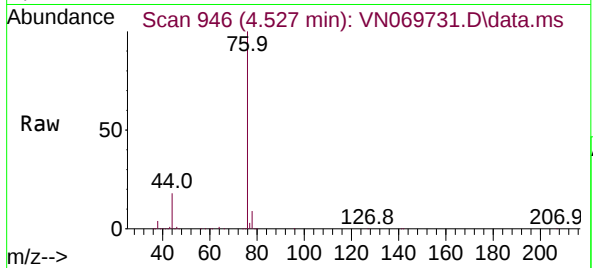
Tgt Ion: 43 Resp: 1825440
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 44.957 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

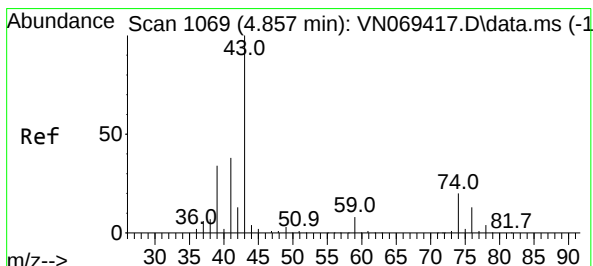
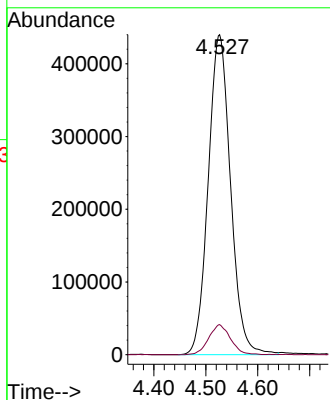
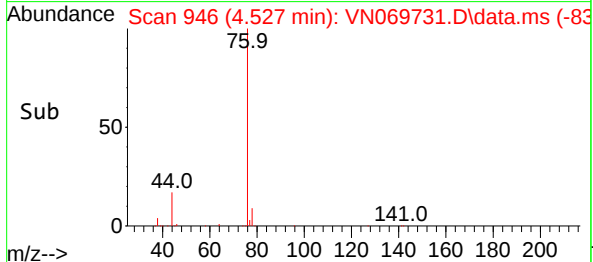
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



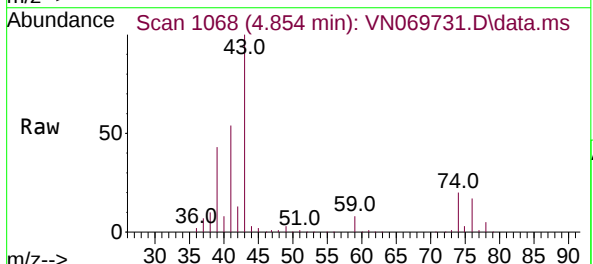
Tgt Ion: 76 Resp: 131723
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

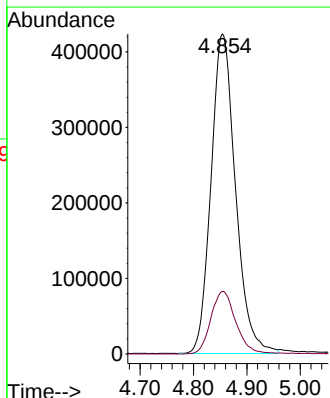
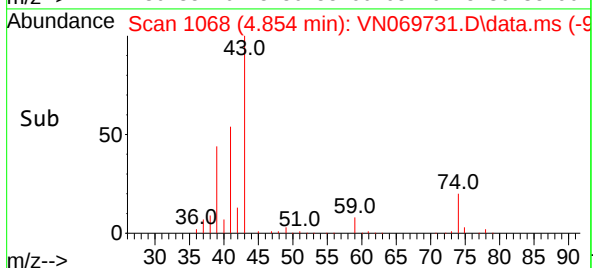
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

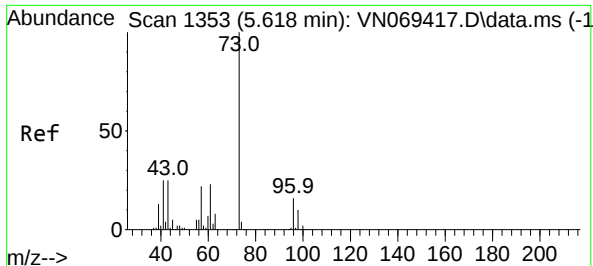


#18
Methyl Acetate
Concen: 40.395 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



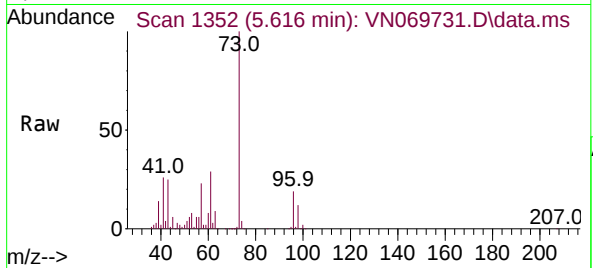
Tgt Ion: 43 Resp: 1348330
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 44.130 ug/l
RT: 5.616 min Scan# 11352
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

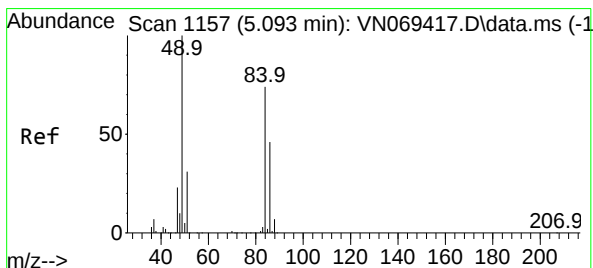
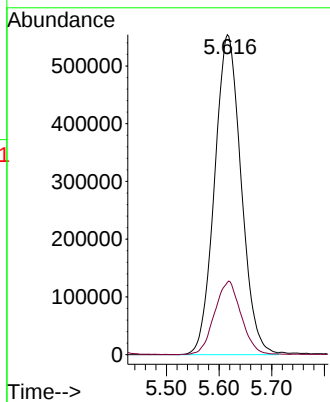
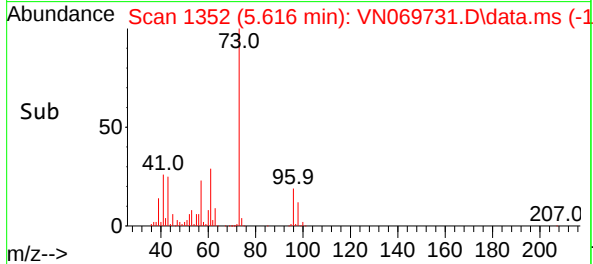
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 1946000
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

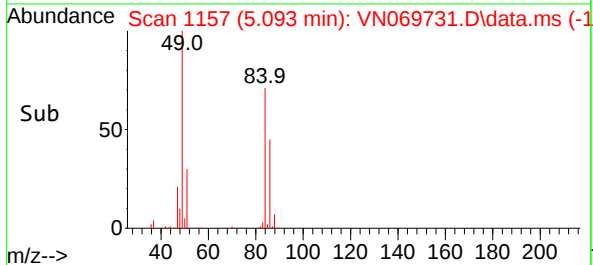
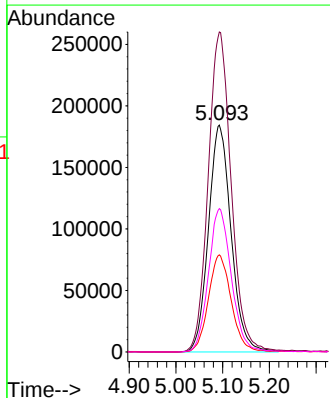
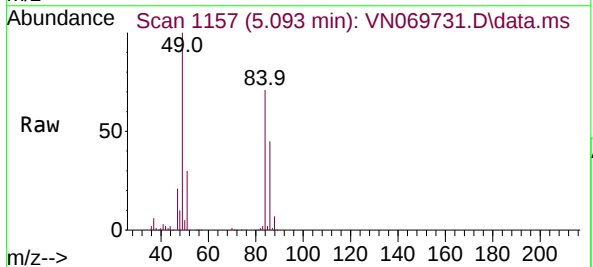
Manual Integrations
APPROVED

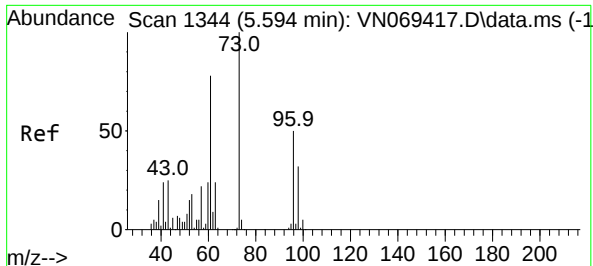
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 42.329 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

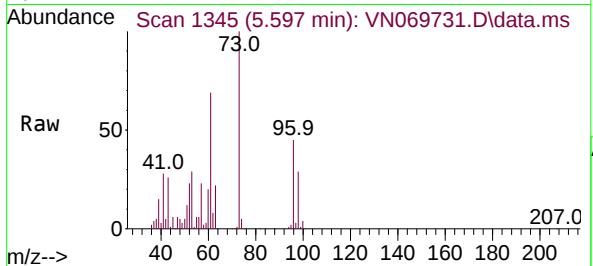
Tgt Ion: 84 Resp: 622267
Ion Ratio Lower Upper
84 100
49 141.1 93.5 140.3#
51 42.8 29.4 44.2
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.206 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

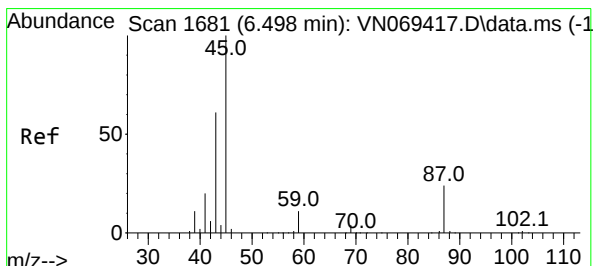
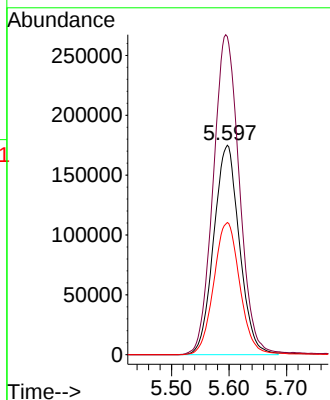
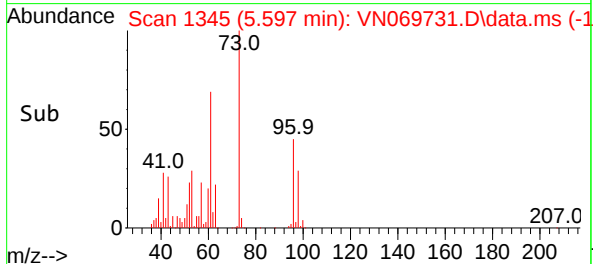
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



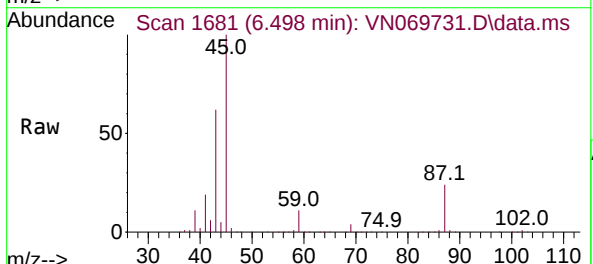
Tgt Ion: 96 Resp: 544542
Ion Ratio Lower Upper
96 100
61 152.0 105.8 158.6
98 63.1 52.0 78.0

Manual Integrations
APPROVED

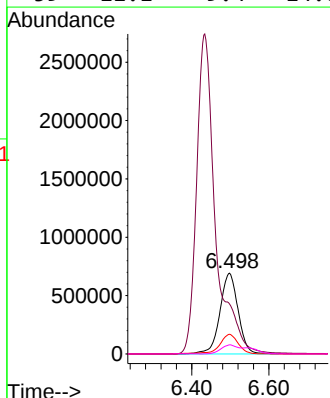
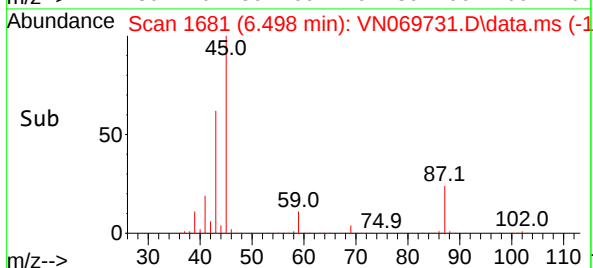
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

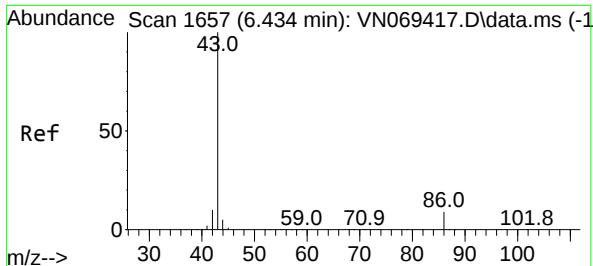


#22
Diisopropyl ether
Concen: 45.412 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



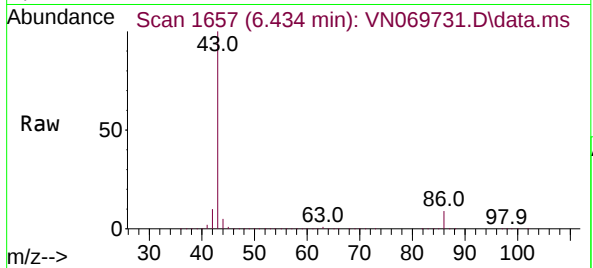
Tgt Ion: 45 Resp: 2268333
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 24.3 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 228.959 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069731.D
 Acq: 3 Dec 2021 20:45

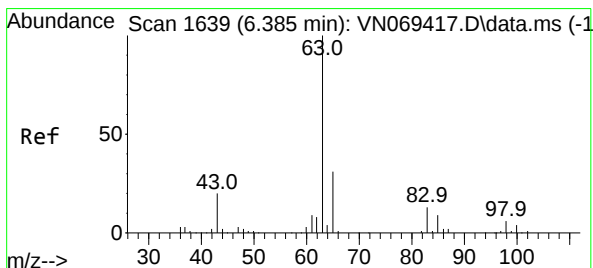
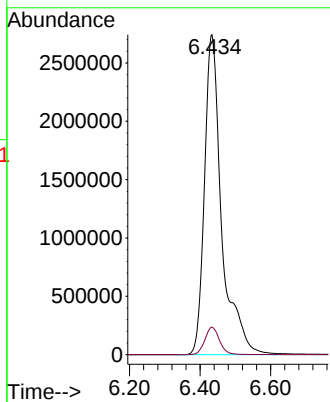
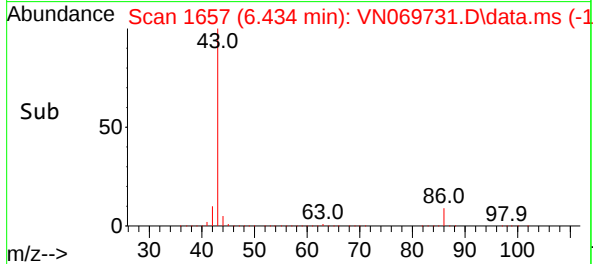
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



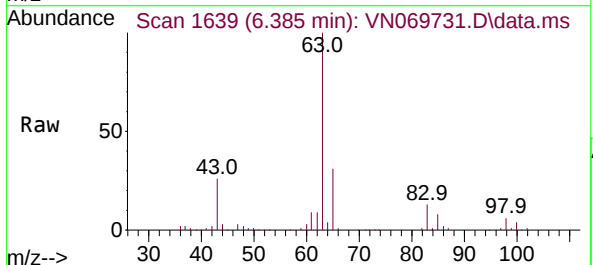
Tgt Ion: 43 Resp: 9304240
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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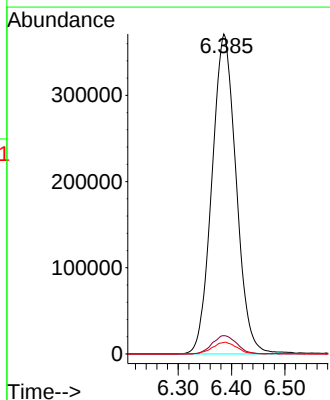
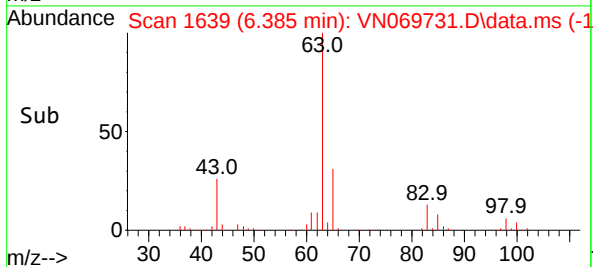
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

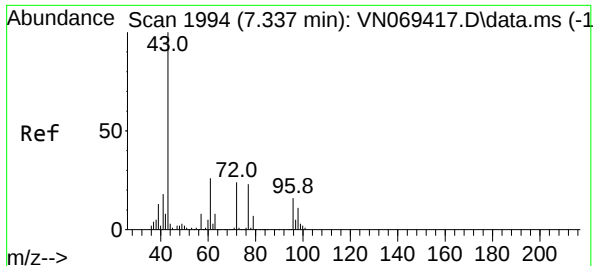


#24
 1,1-Dichloroethane
 Concen: 45.164 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069731.D
 Acq: 3 Dec 2021 20:45



Tgt Ion: 63 Resp: 1168604
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.6 2.1 6.5





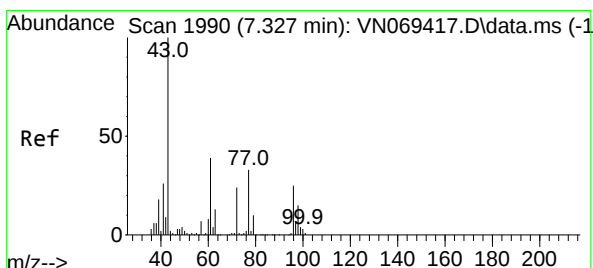
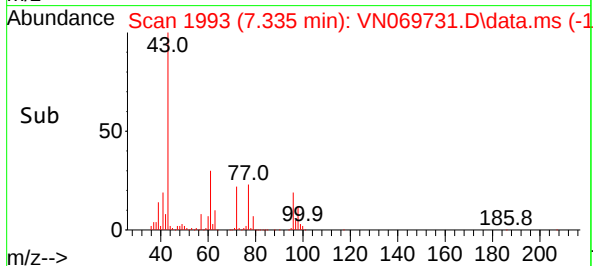
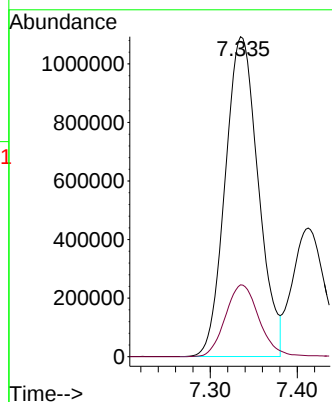
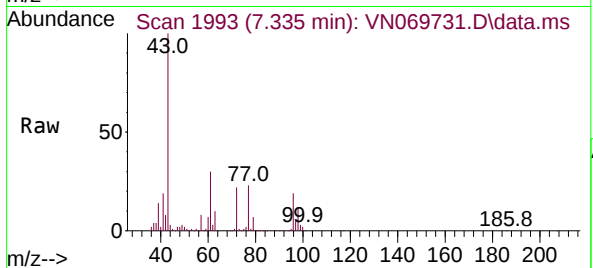
#25
2-Butanone
Concen: 192.521 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2892610
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

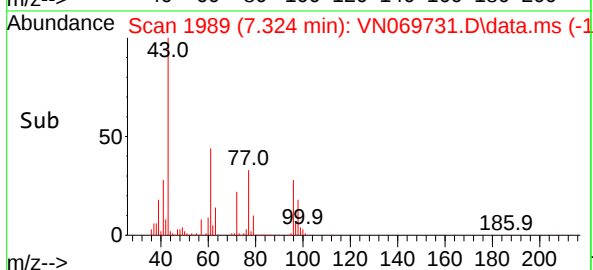
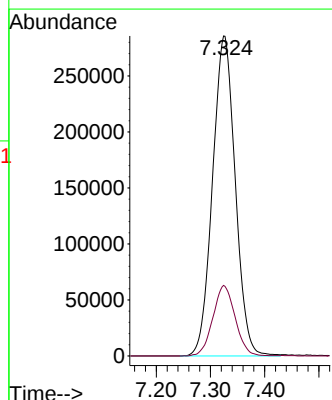
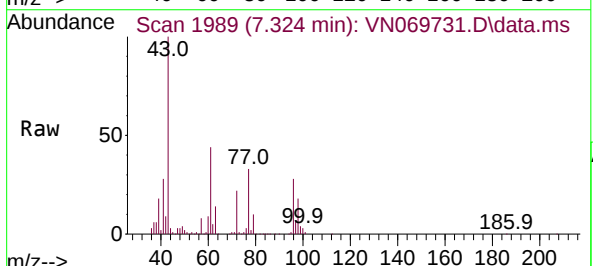
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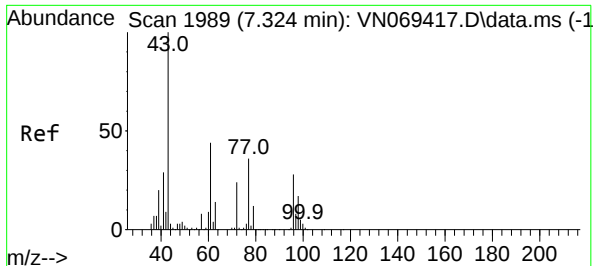
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#26
2,2-Dichloropropane
Concen: 41.352 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 77 Resp: 831906
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 44.619 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 66404

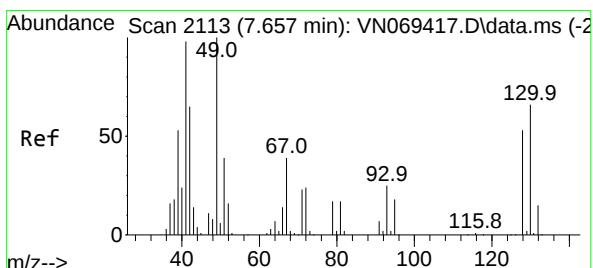
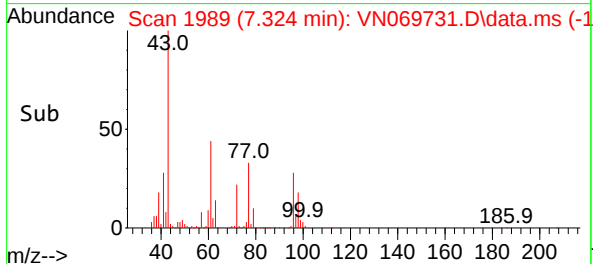
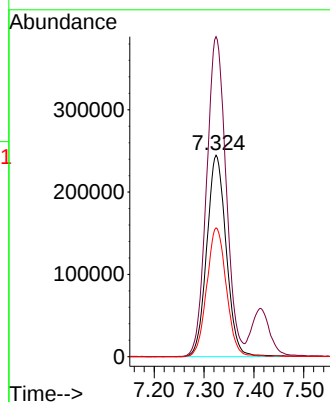
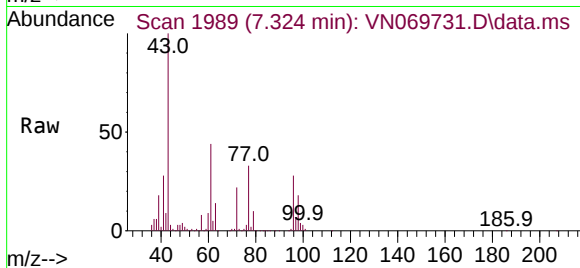
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 43.212 ug/l

RT: 7.657 min Scan# 2113

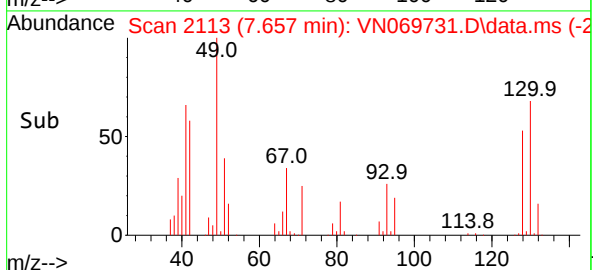
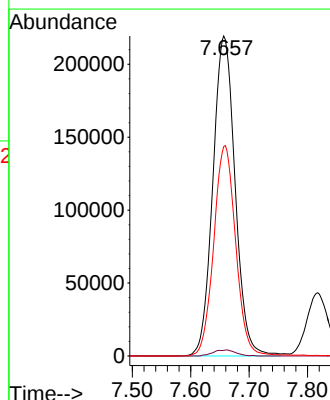
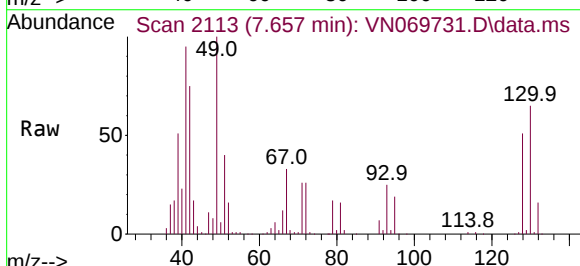
Delta R.T. 0.000 min

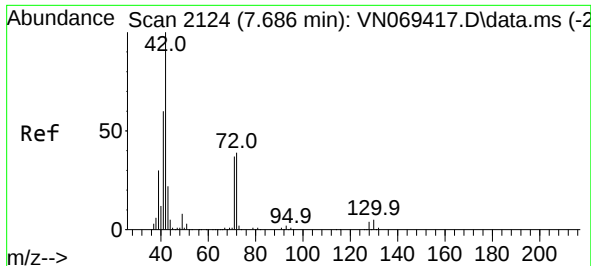
Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Tgt Ion: 49 Resp: 581427

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.0
130	64.8	67.8	101.8





#29

Tetrahydrofuran

Concen: 208.197 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 189948

Ion Ratio Lower Upper

42 100

72 37.6 36.3 54.5

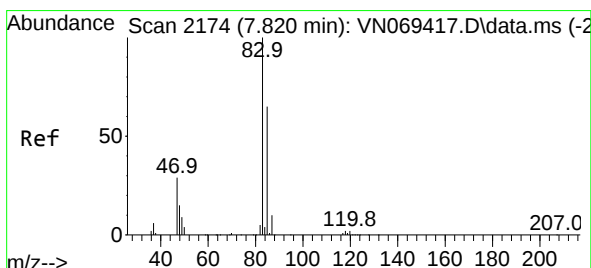
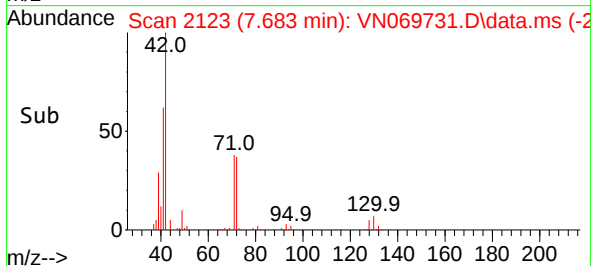
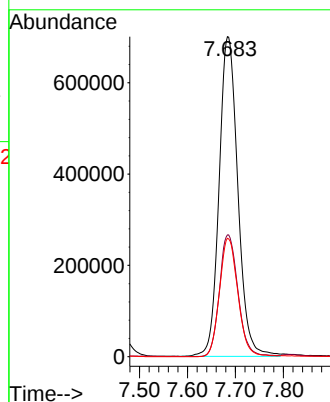
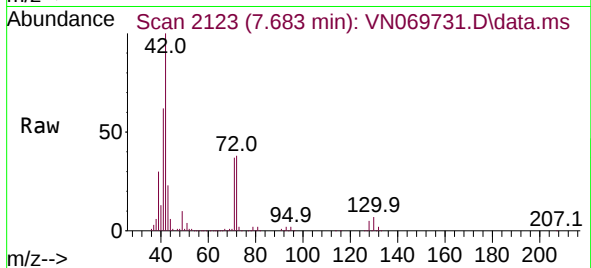
71 36.5 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 45.092 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069731.D

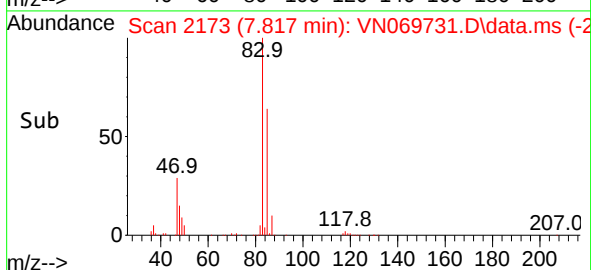
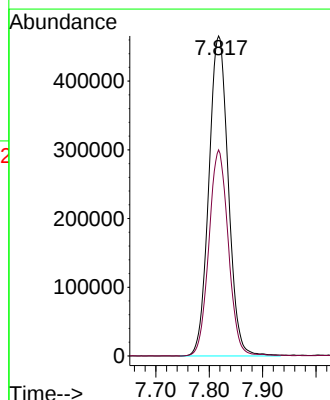
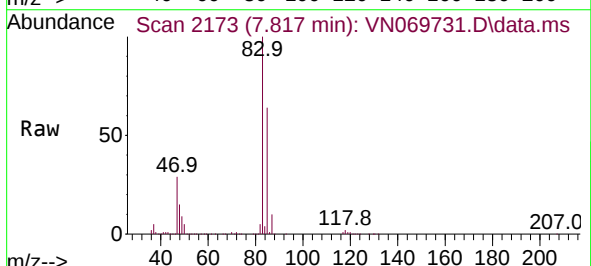
Acq: 3 Dec 2021 20:45

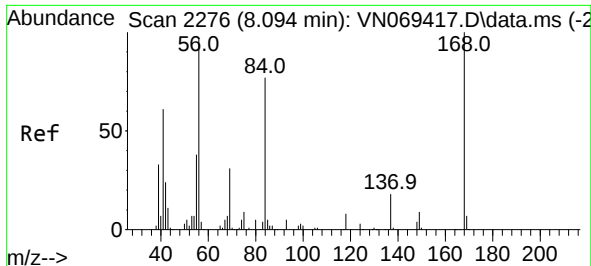
Tgt Ion: 83 Resp: 1178334

Ion Ratio Lower Upper

83 100

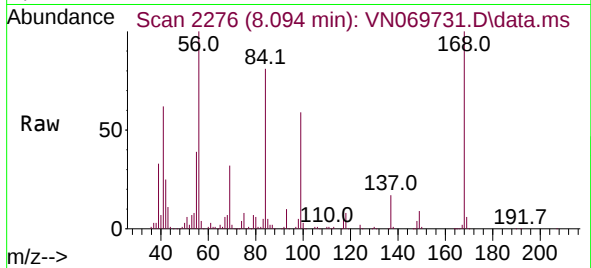
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 44.017 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

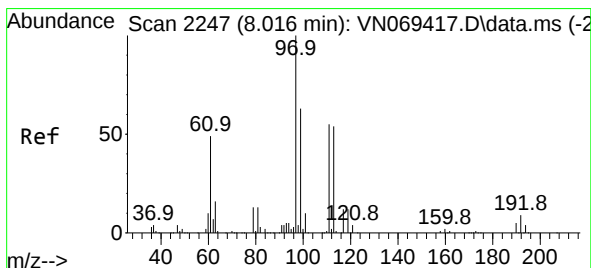
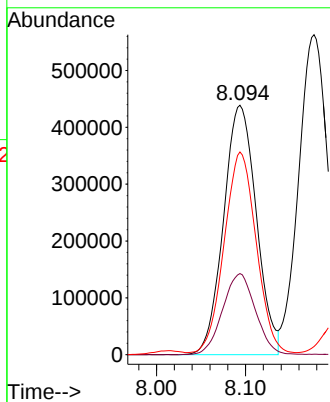
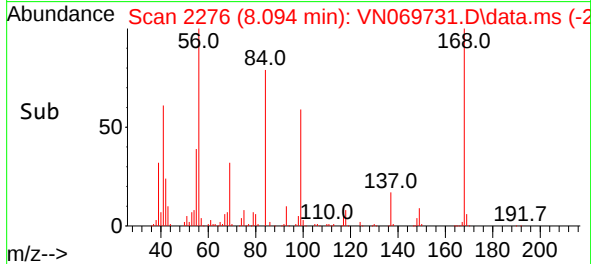
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1126072
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 80.0 73.4 110.0

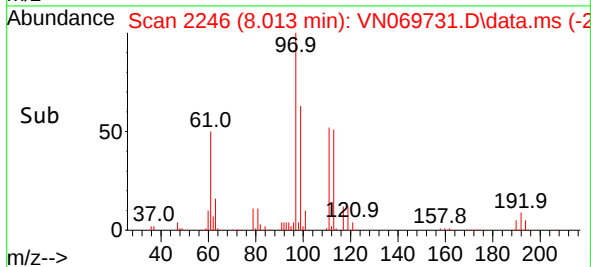
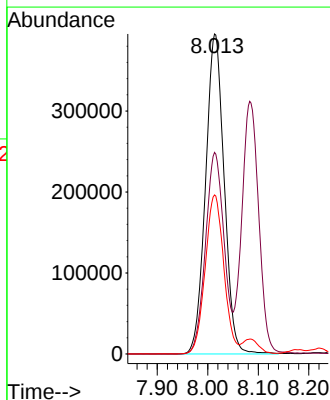
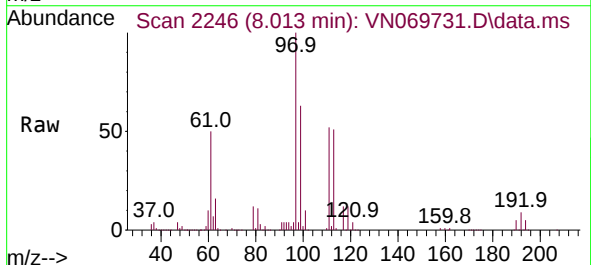
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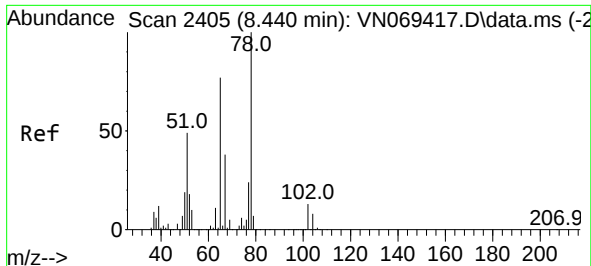
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 45.427 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 97 Resp: 1011162
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 50.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.046 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 79131

Ion Ratio Lower Upper

65 100

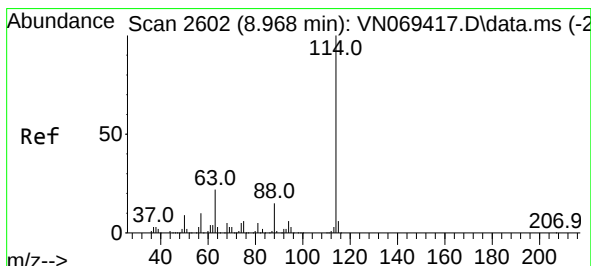
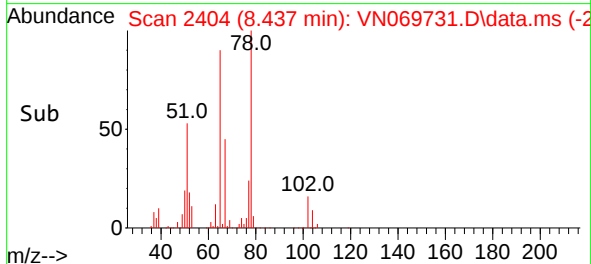
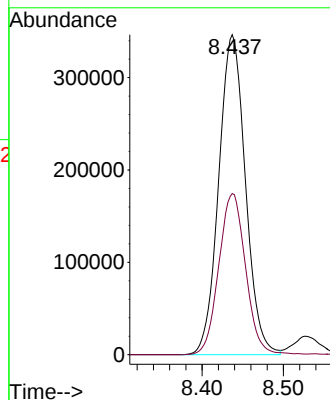
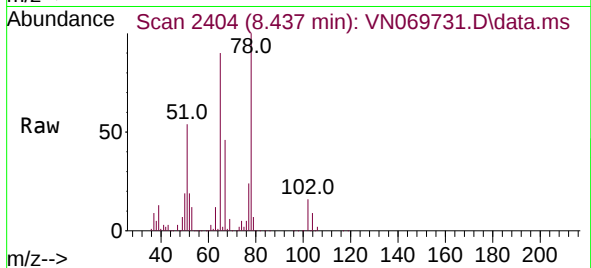
67 50.5 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

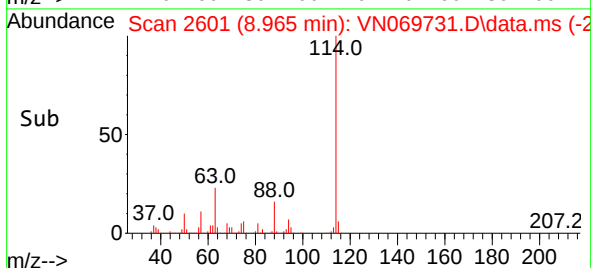
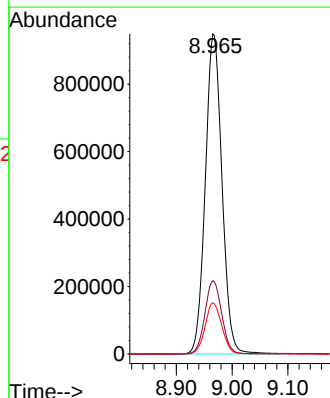
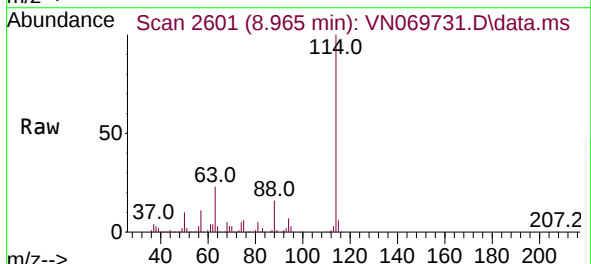
Tgt Ion:114 Resp: 1974408

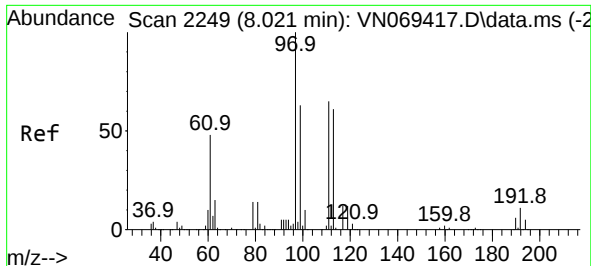
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

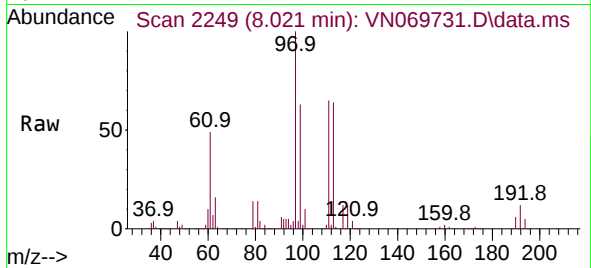
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.382 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

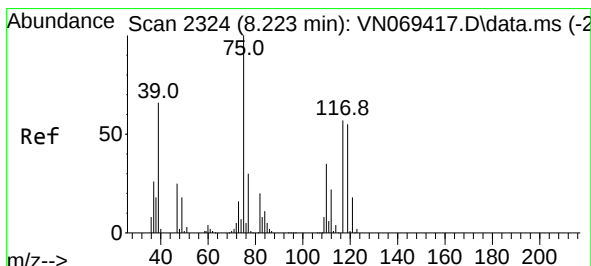
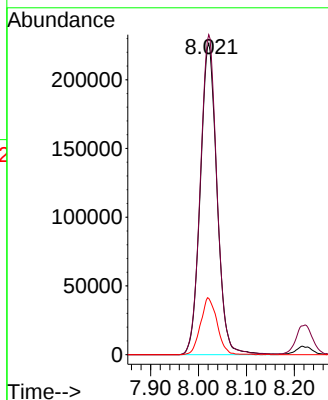
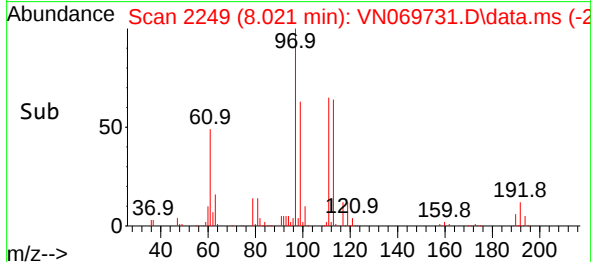
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 54888
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.1 16.9 25.3

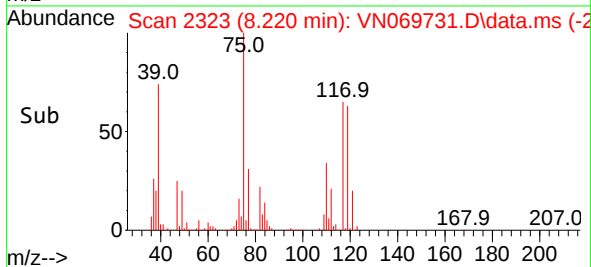
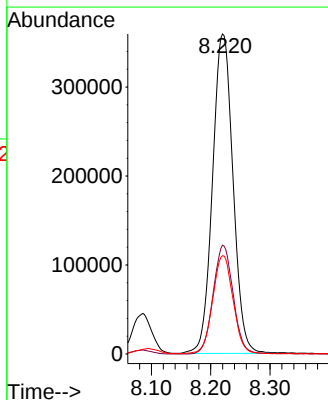
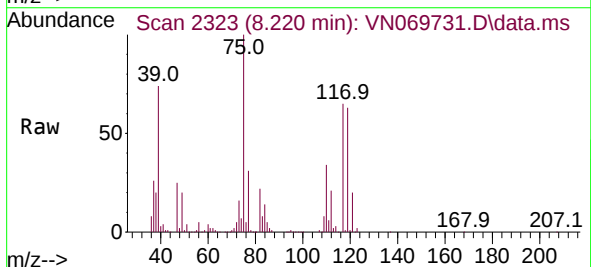
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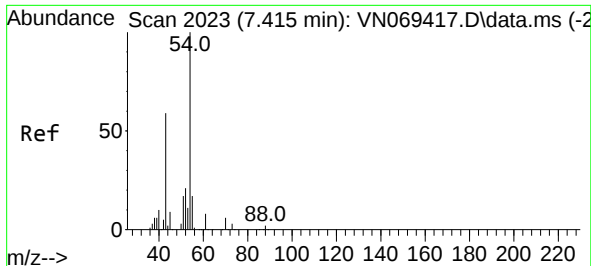
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 45.825 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 75 Resp: 861309
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 41.914 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1172550

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

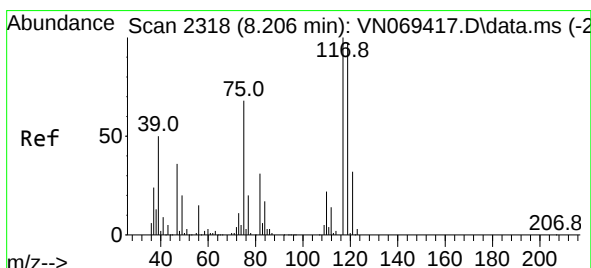
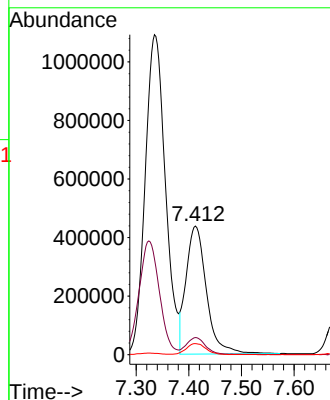
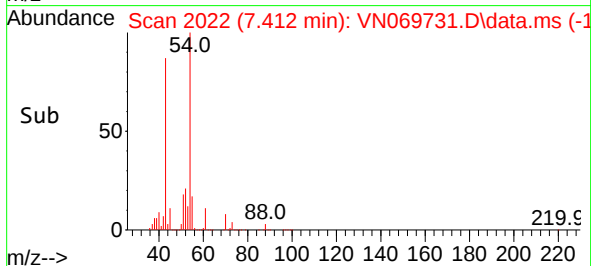
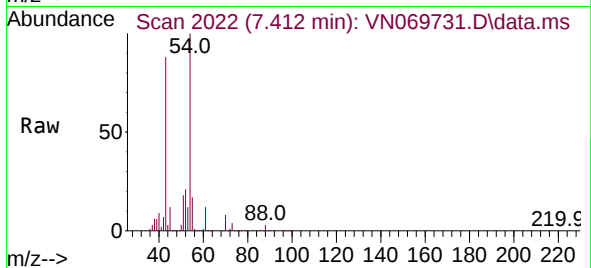
70 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 46.144 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

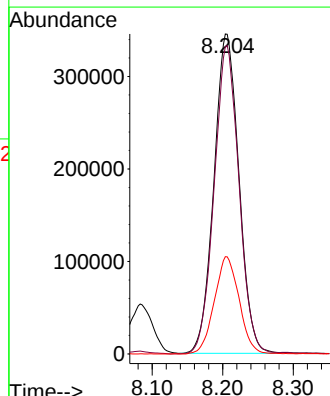
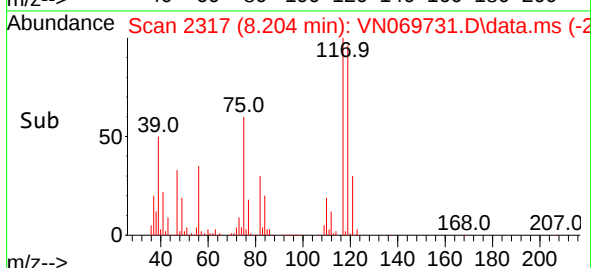
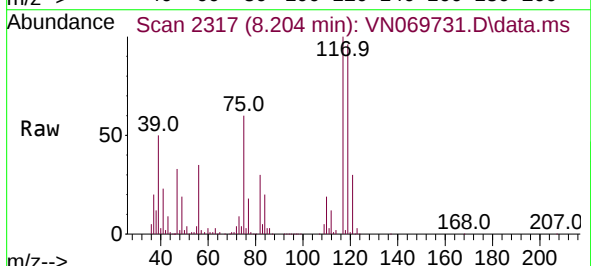
Tgt Ion:117 Resp: 850508

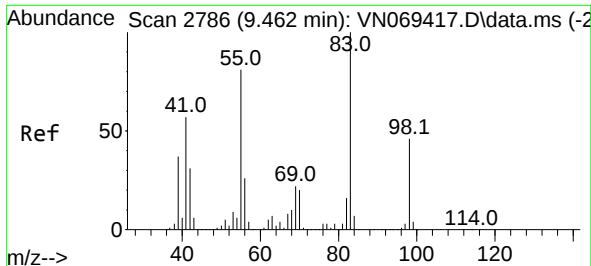
Ion Ratio Lower Upper

117 100

119 96.1 76.1 114.1

121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 45.827 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 1024549

Ion Ratio Lower Upper

83 100

55 85.2 58.1 87.1

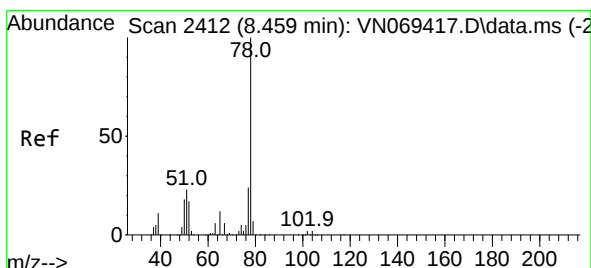
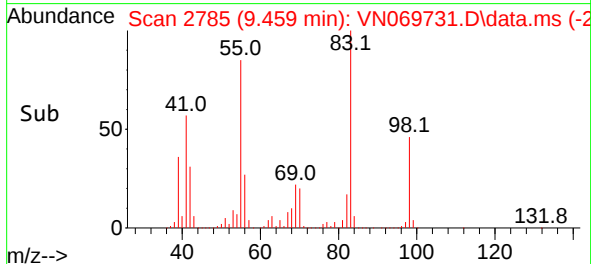
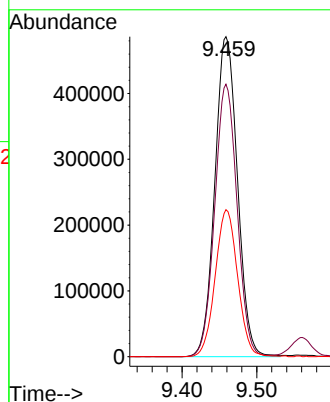
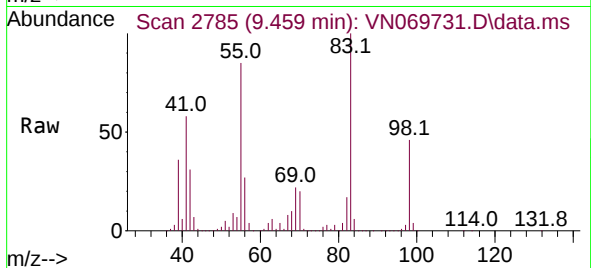
98 45.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 45.428 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069731.D

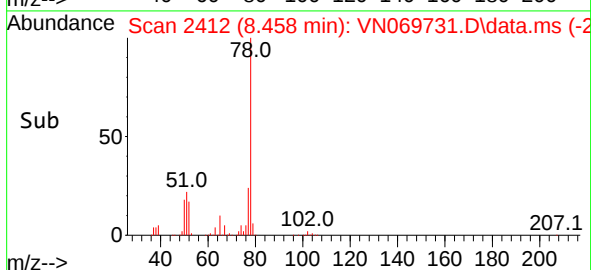
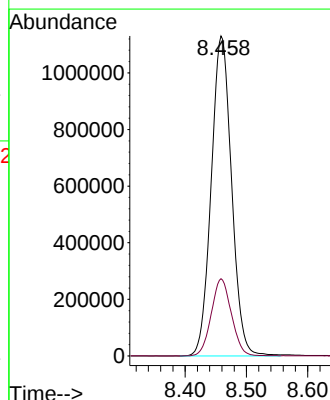
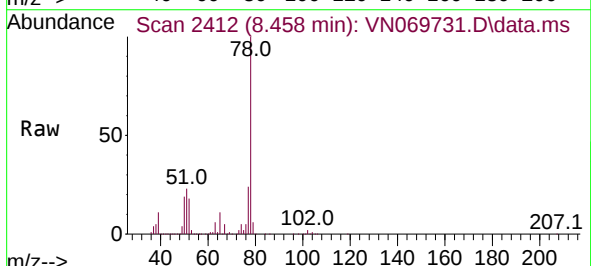
Acq: 3 Dec 2021 20:45

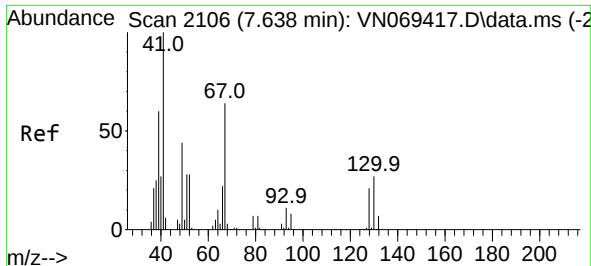
Tgt Ion: 78 Resp: 2609878

Ion Ratio Lower Upper

78 100

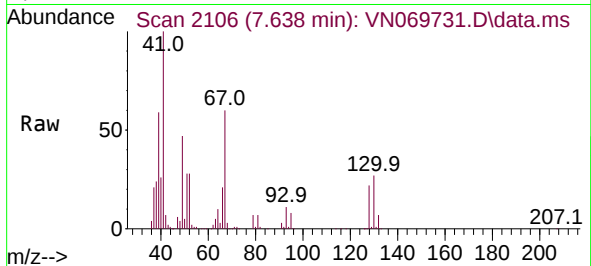
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 44.073 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

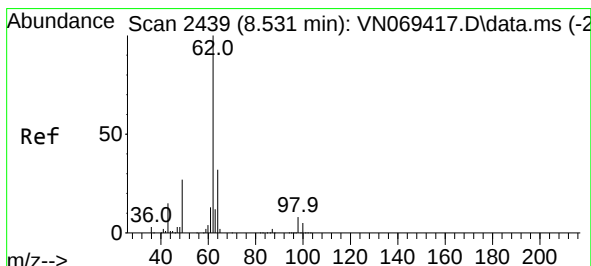
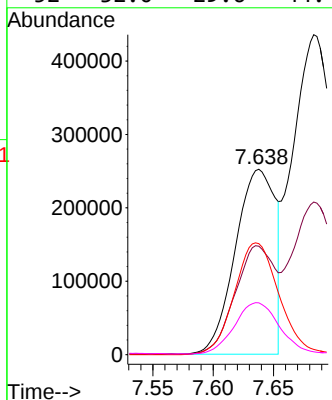
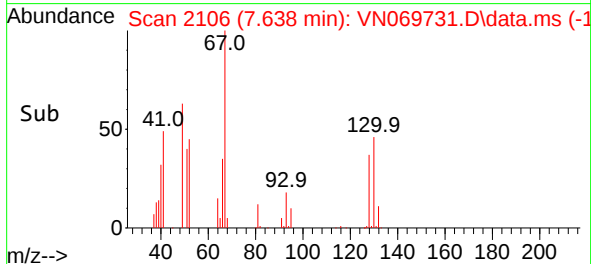
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 578778
Ion Ratio Lower Upper
41 100
39 57.6 48.1 72.1
67 67.9 68.3 102.5
52 32.0 29.6 44.4

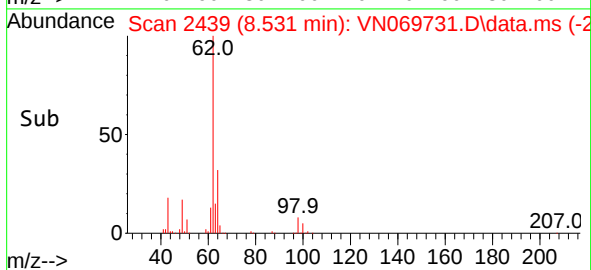
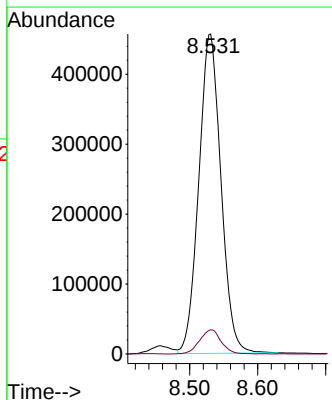
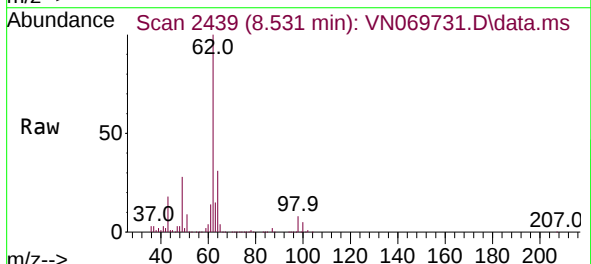
Manual Integrations
APPROVED

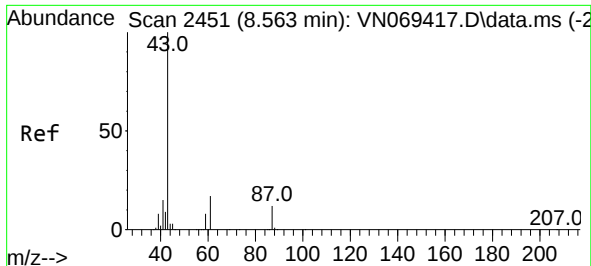
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 44.643 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

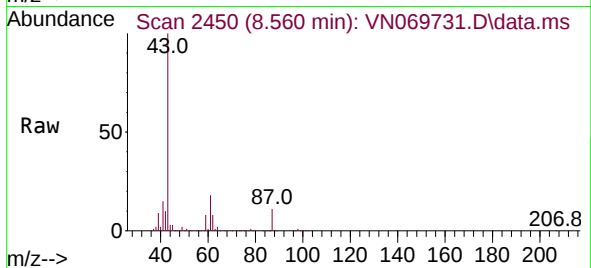
Tgt Ion: 62 Resp: 1035350
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 43.306 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

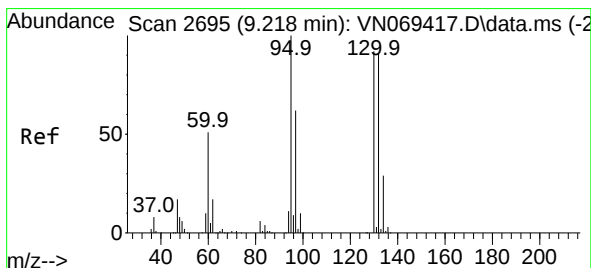
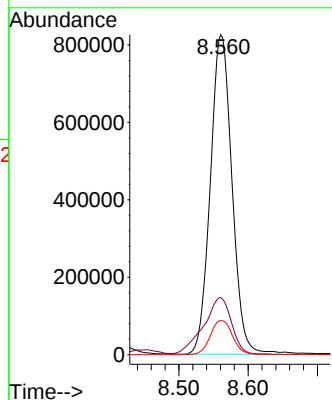
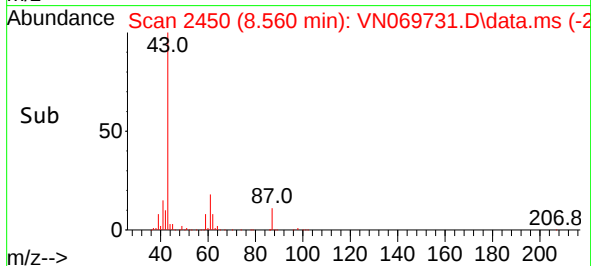
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 179280
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.0 11.2 16.8

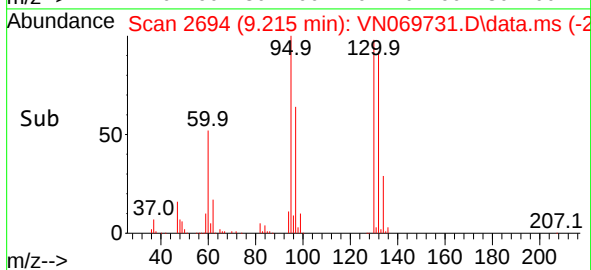
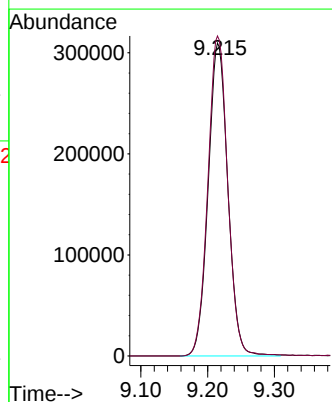
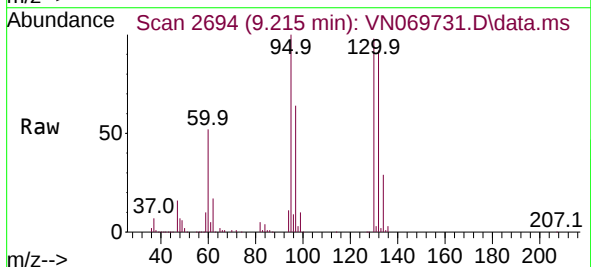
Manual Integrations
APPROVED

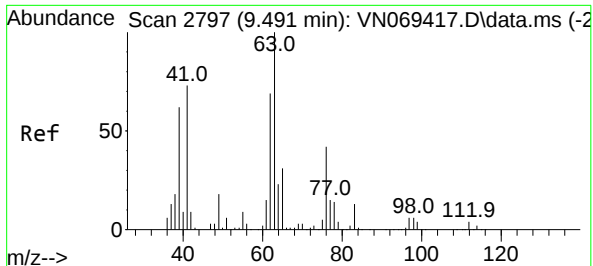
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 46.260 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion:130 Resp: 634334
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 44.962 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 69366

Ion Ratio Lower Upper

63 100

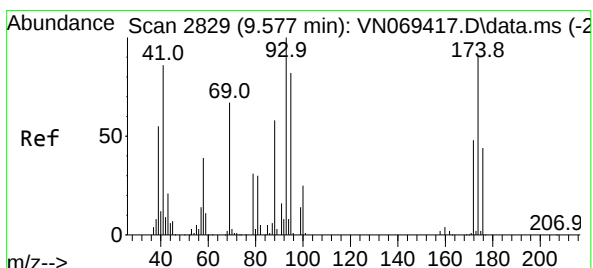
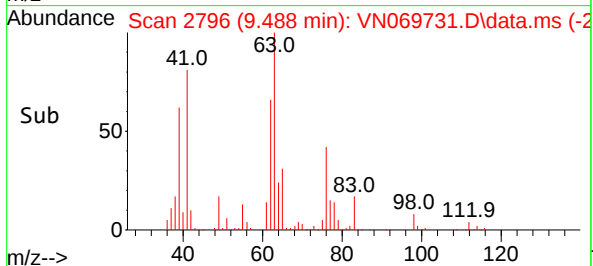
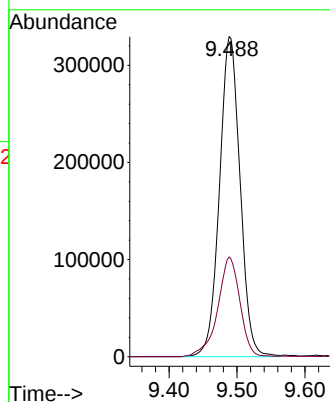
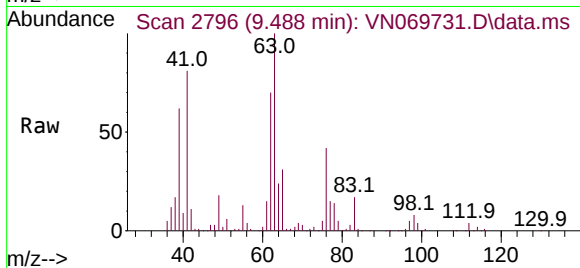
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 45.117 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

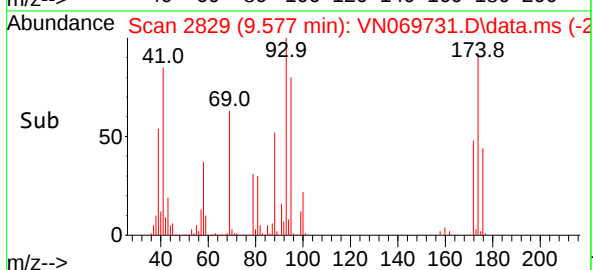
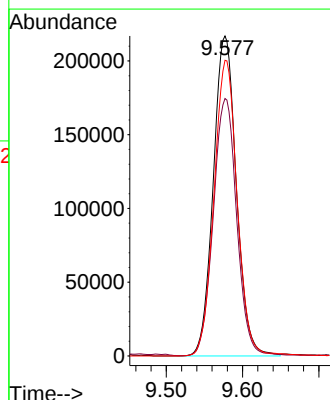
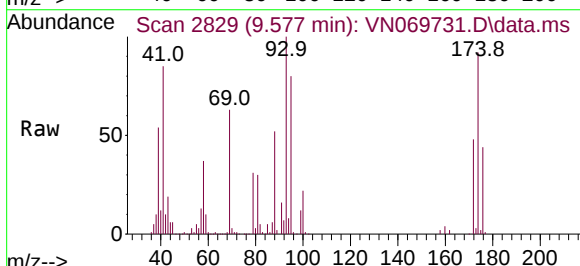
Tgt Ion: 93 Resp: 456497

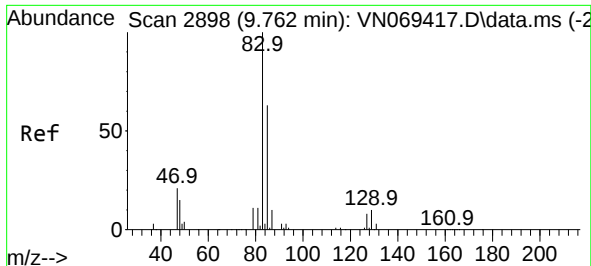
Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

174 93.1 84.6 127.0





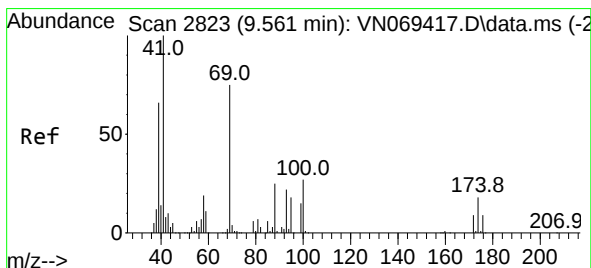
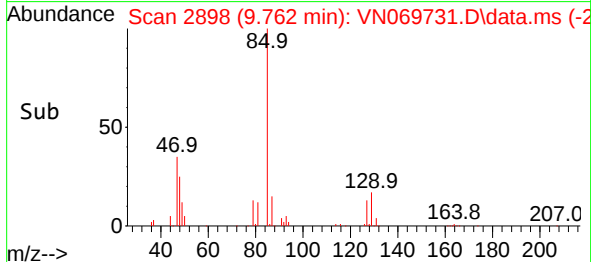
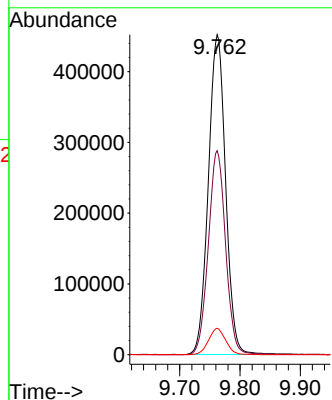
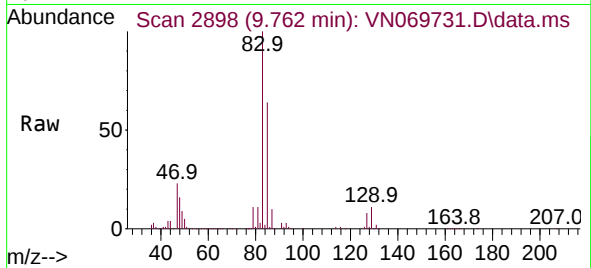
#47
Bromodichloromethane
Concen: 46.973 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 899850
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.3 7.1 10.7

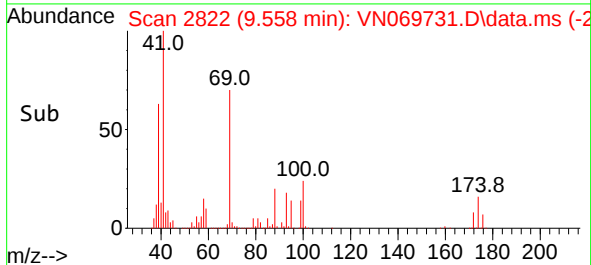
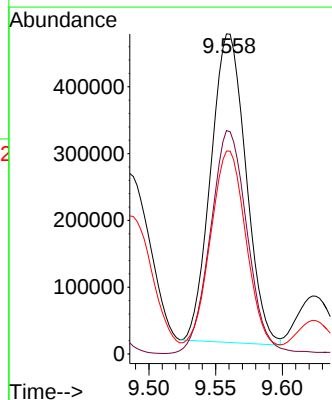
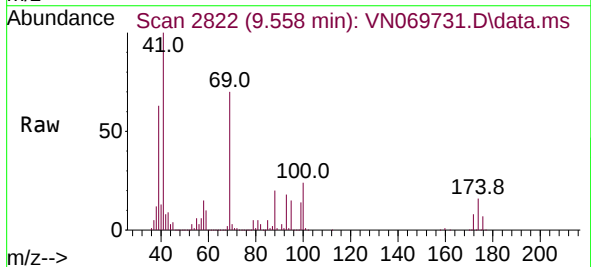
Manual Integrations
APPROVED

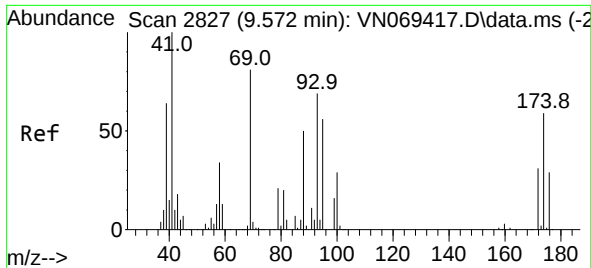
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 43.699 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

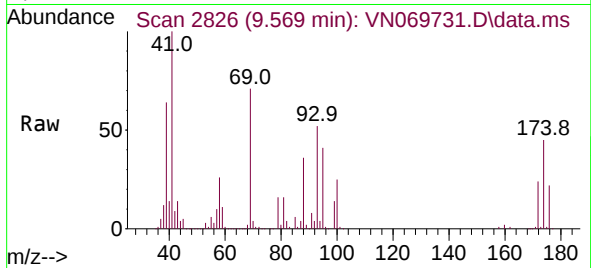
Tgt Ion: 41 Resp: 844255
Ion Ratio Lower Upper
41 100
69 76.0 72.4 108.6
39 68.7 58.4 87.6





#49
1,4-Dioxane
Concen: 815.462 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

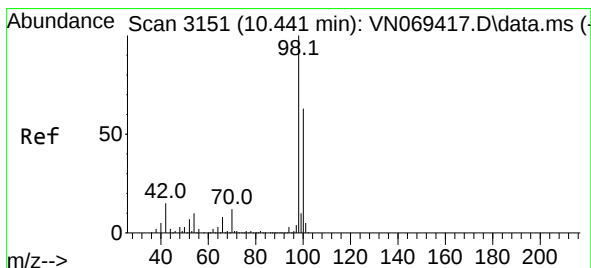
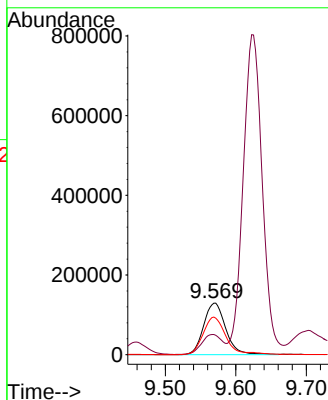
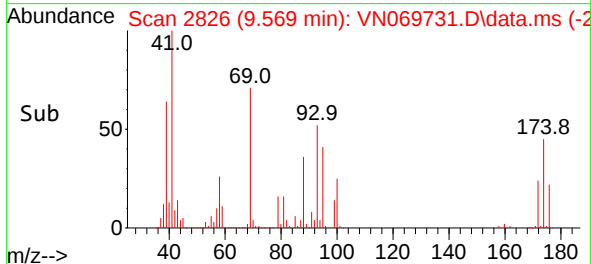
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 282684
Ion Ratio Lower Upper
88 100
43 36.8 23.4 35.2
58 75.9 50.6 75.8

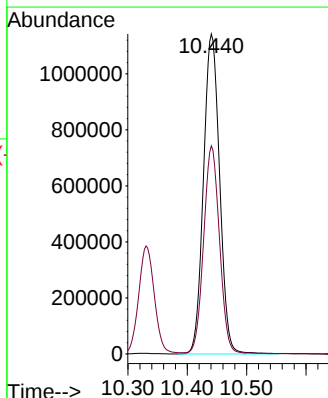
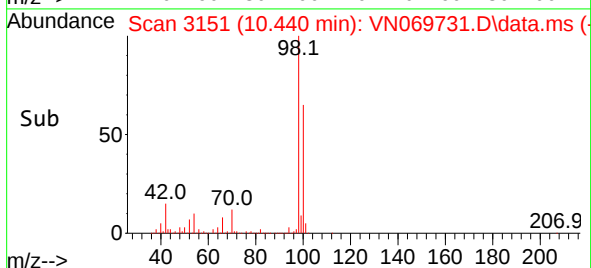
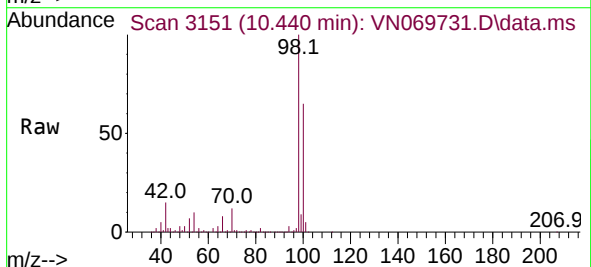
Manual Integrations
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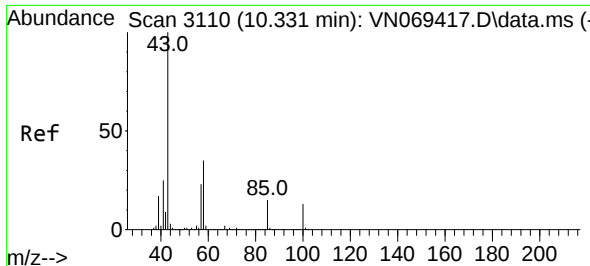
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 43.380 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 98 Resp: 2154182
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6





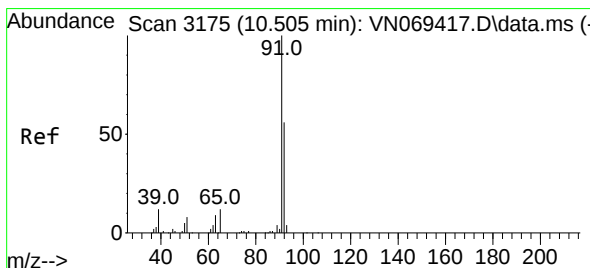
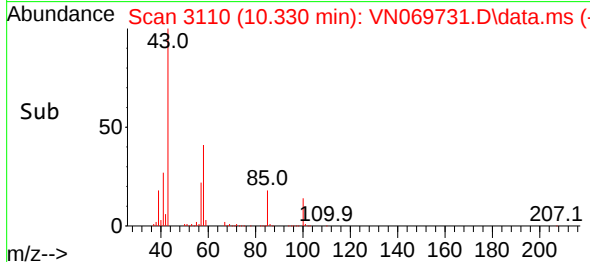
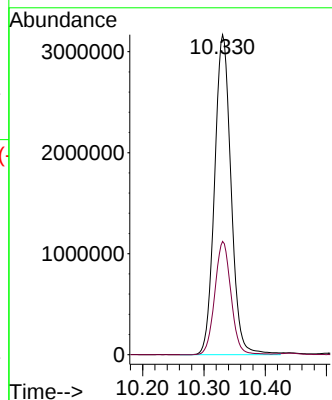
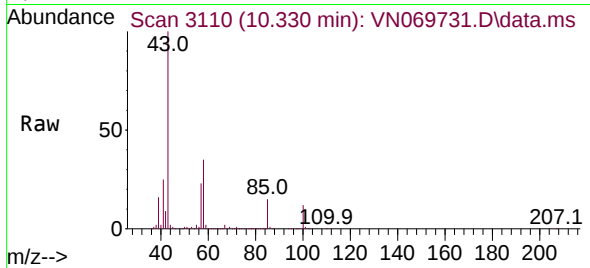
#51
4-Methyl-2-Pentanone
Concen: 220.164 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5912819
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

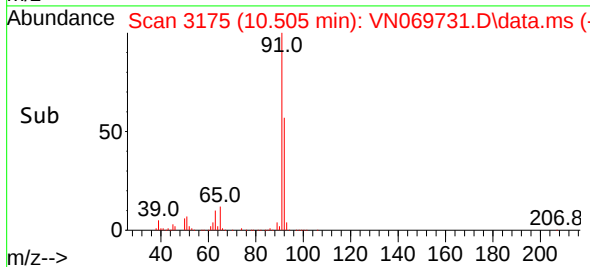
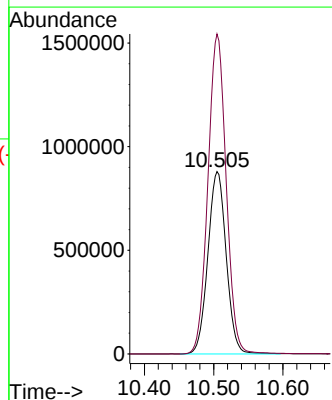
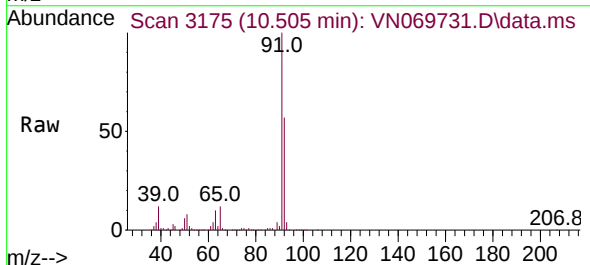
Manual Integrations
APPROVED

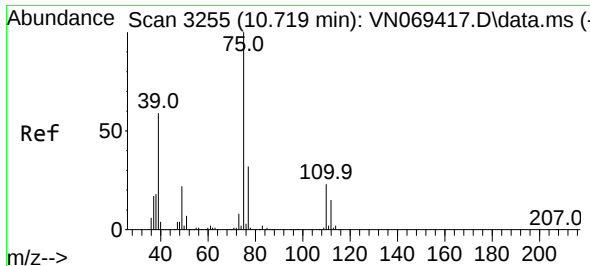
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 46.081 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

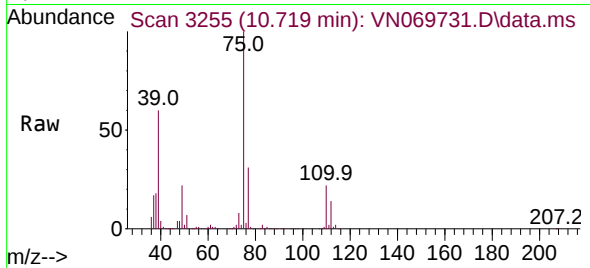
Tgt Ion: 92 Resp: 1616294
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 41.178 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

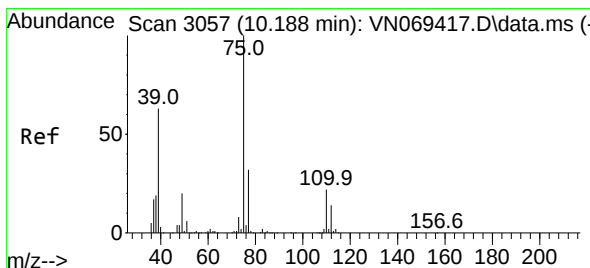
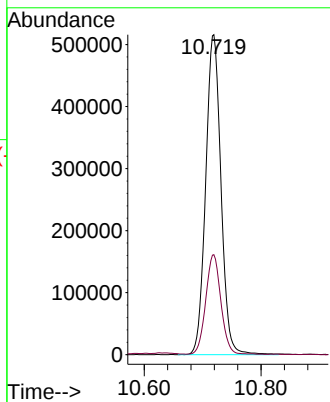
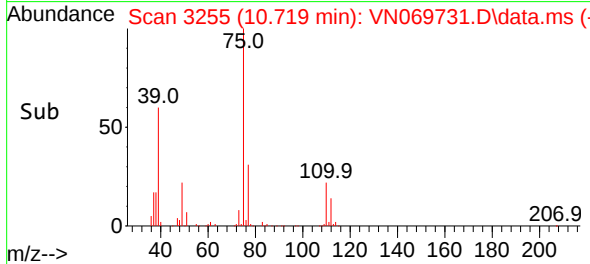
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



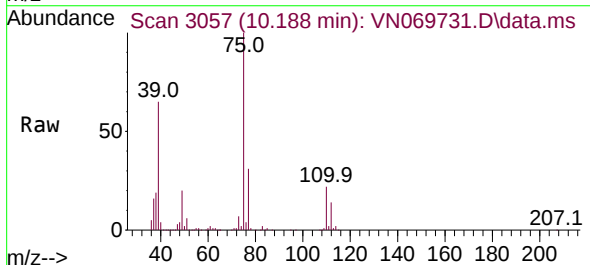
Tgt Ion: 75 Resp: 936902
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

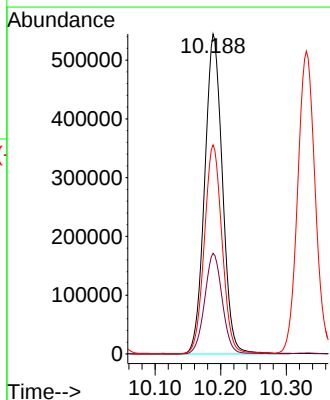
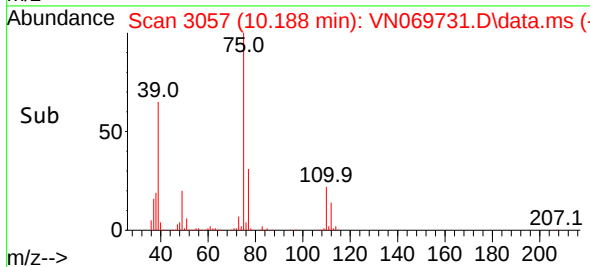
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

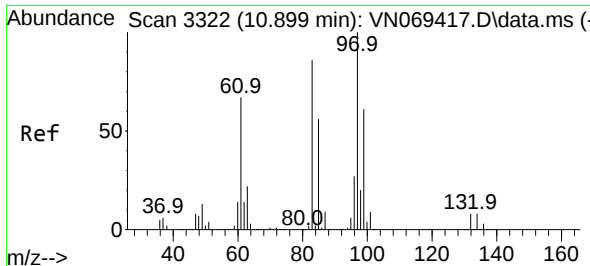


#54
cis-1,3-Dichloropropene
Concen: 42.654 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



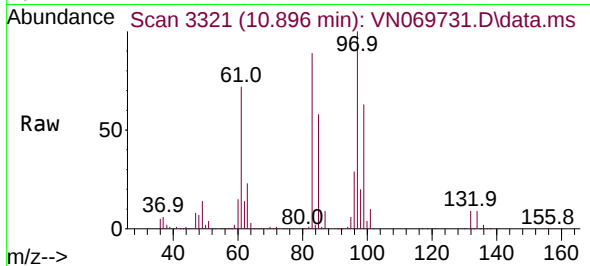
Tgt Ion: 75 Resp: 1024200
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 44.742 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

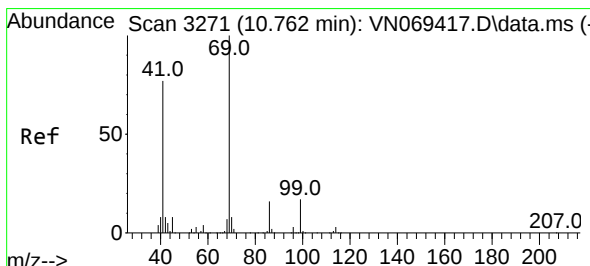
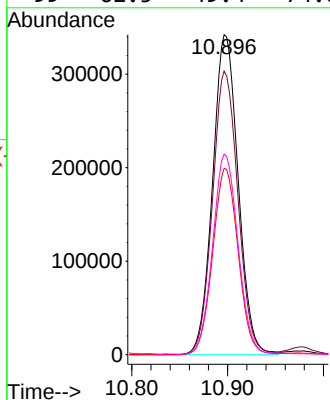
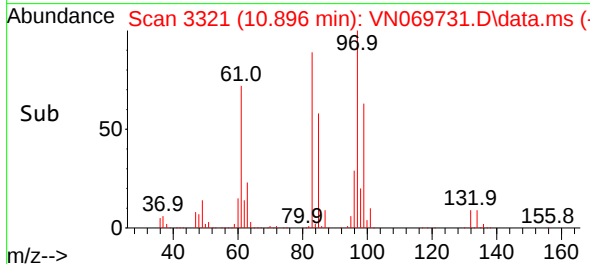
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



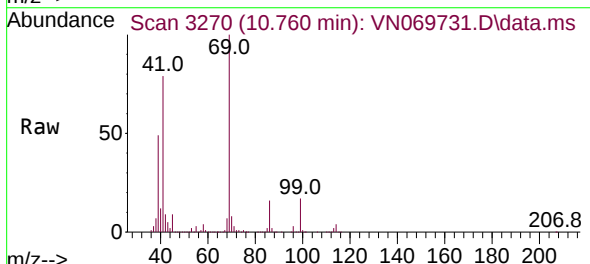
Tgt Ion: 97 Resp: 633180
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 58.2 45.4 68.2
99 62.5 49.4 74.0

Manual Integrations
APPROVED

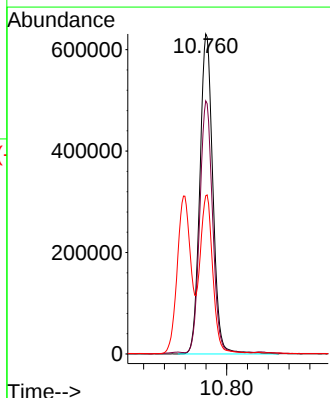
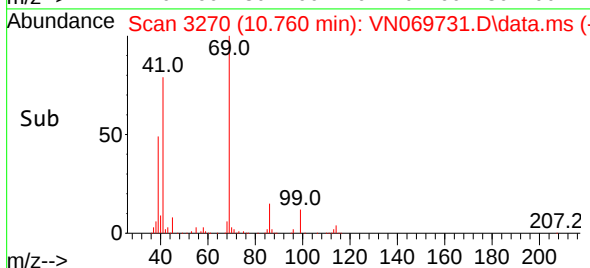
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

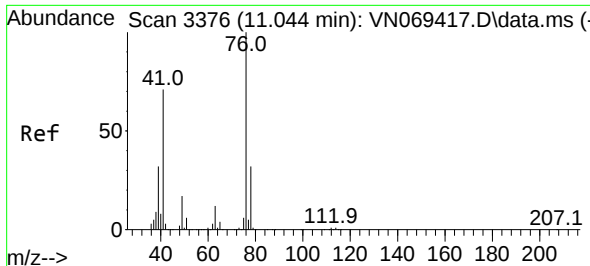


#56
Ethyl methacrylate
Concen: 41.503 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



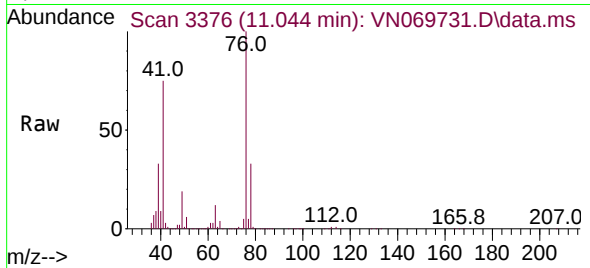
Tgt Ion: 69 Resp: 1097420
Ion Ratio Lower Upper
69 100
41 77.3 51.4 77.0#
39 47.3 34.6 52.0





#57
1,3-Dichloropropane
Concen: 44.787 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

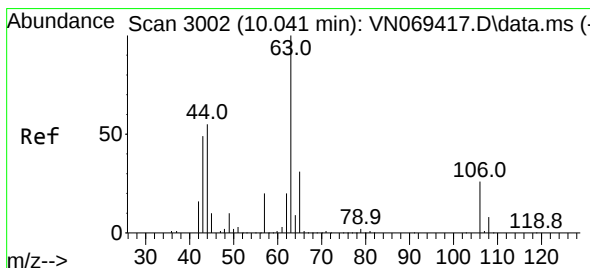
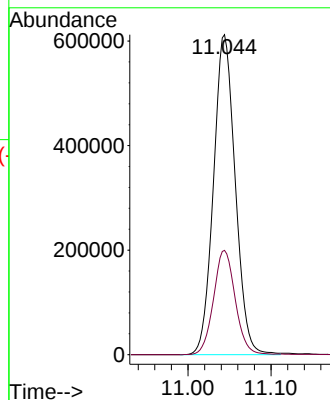
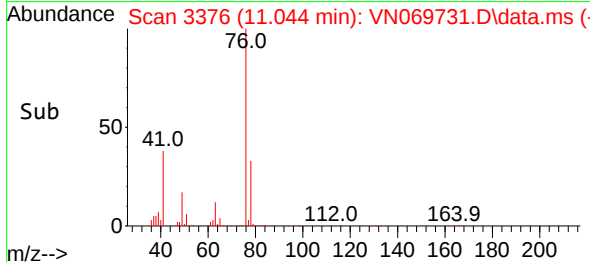
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



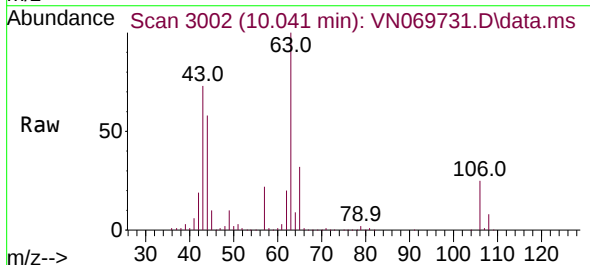
Tgt Ion: 76 Resp: 1116049
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

Manual Integrations
APPROVED

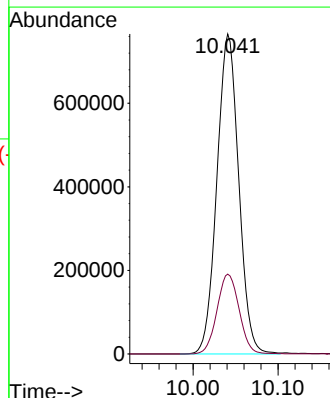
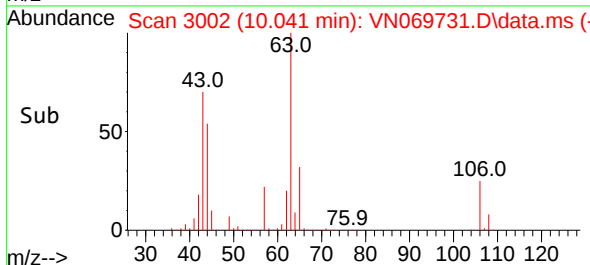
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

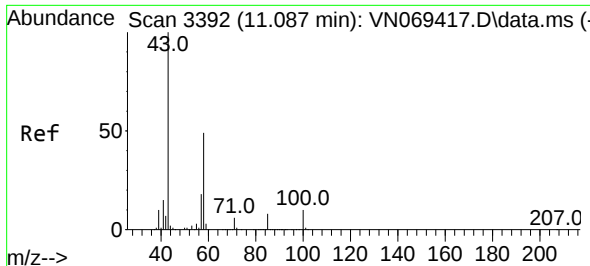


#58
2-Chloroethyl Vinyl ether
Concen: 193.494 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



Tgt Ion: 63 Resp: 1362928
Ion Ratio Lower Upper
63 100
106 25.4 23.9 35.9





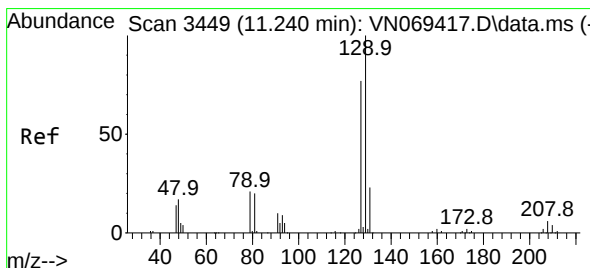
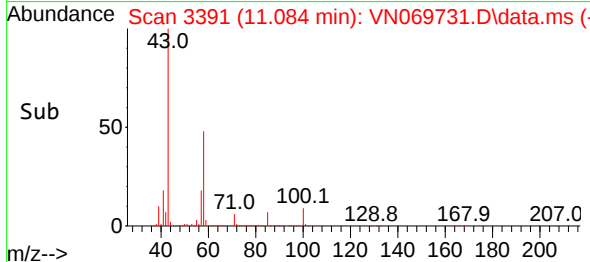
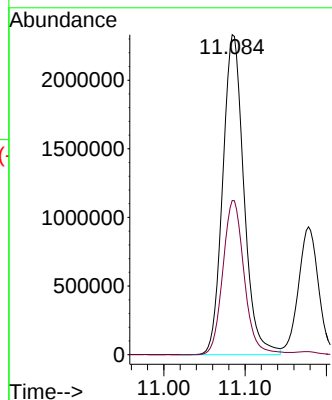
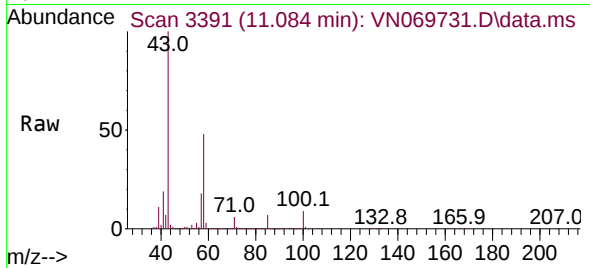
#59
2-Hexanone
Concen: 207.589 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 421738
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

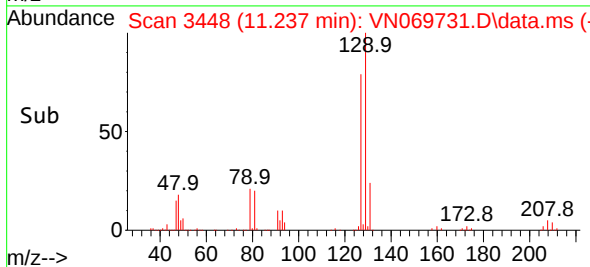
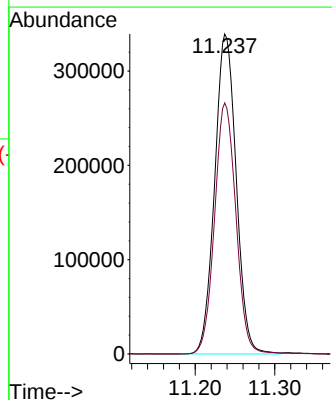
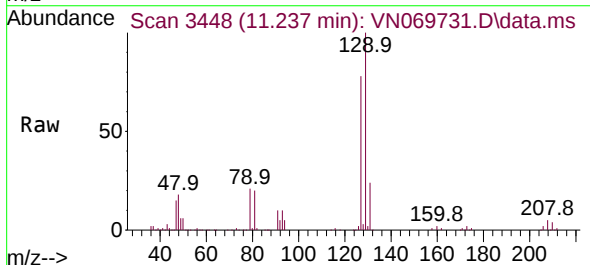
Manual Integrations
APPROVED

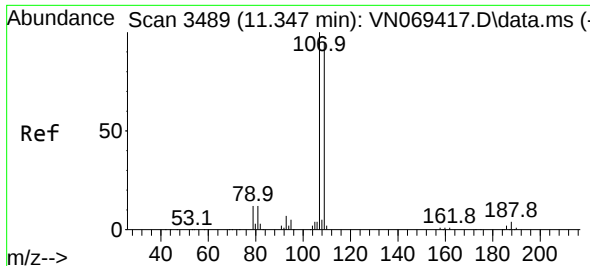
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 42.535 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

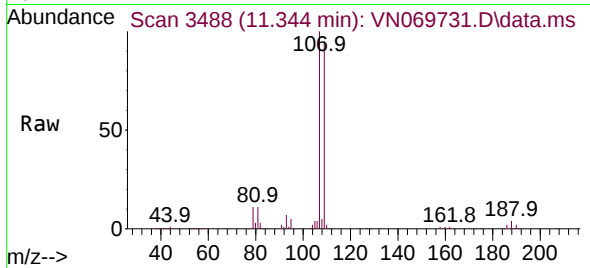
Tgt Ion:129 Resp: 639323
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.373 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

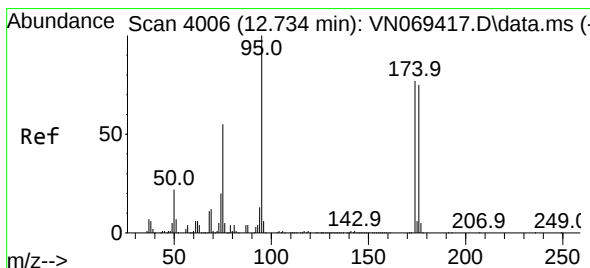
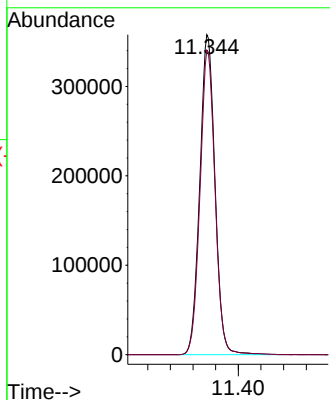
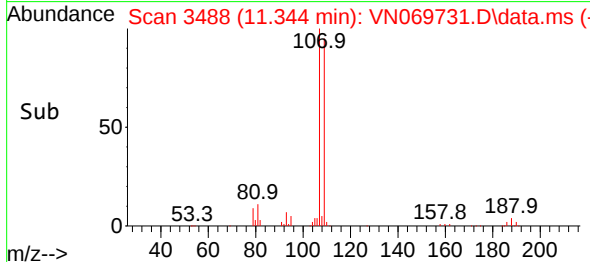
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 665085
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

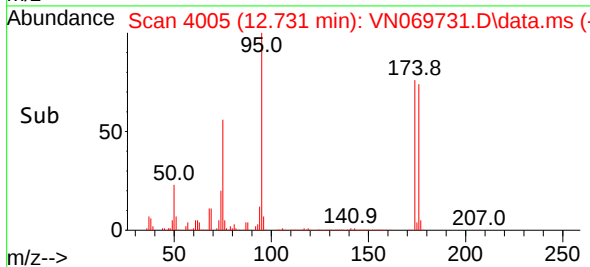
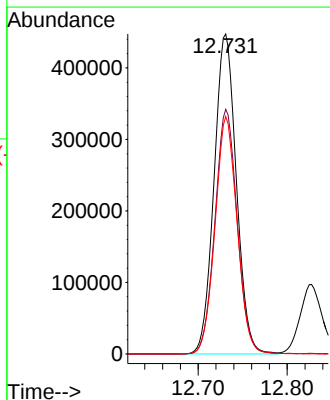
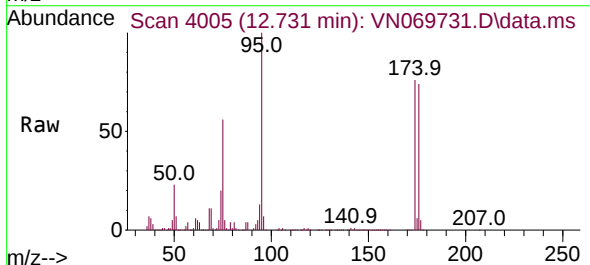
Manual Integrations
APPROVED

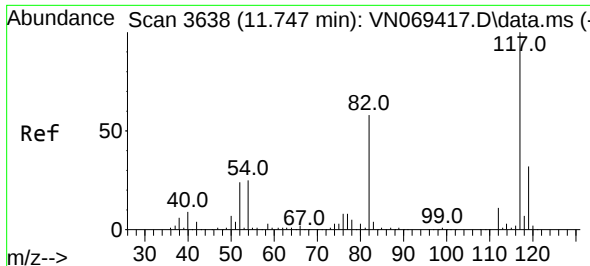
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 43.254 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

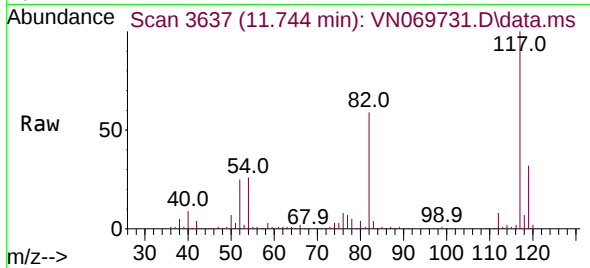
Tgt Ion: 95 Resp: 778151
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

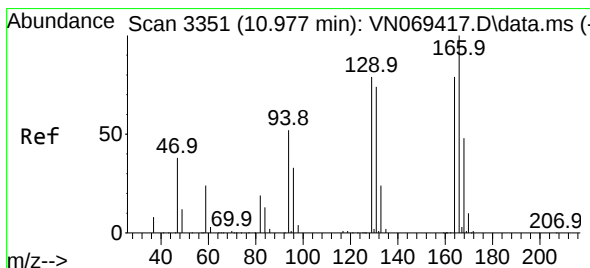
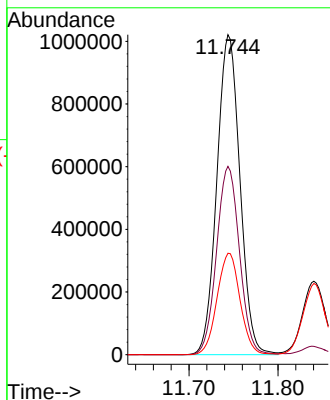
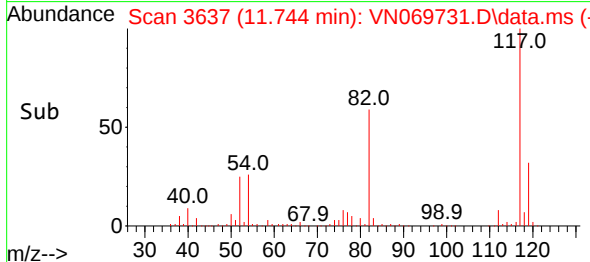
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 184019
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.7 25.4 38.2

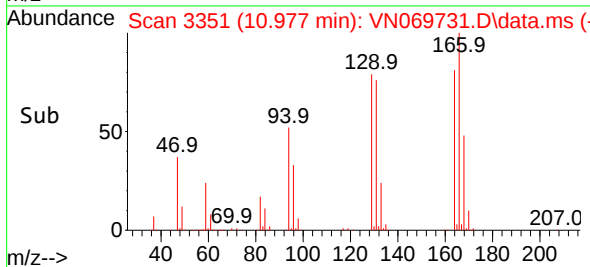
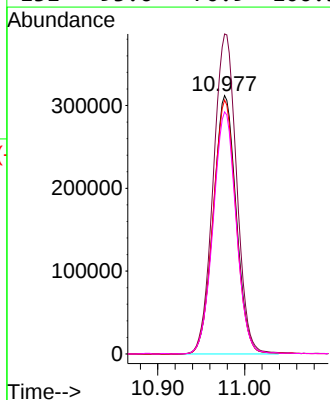
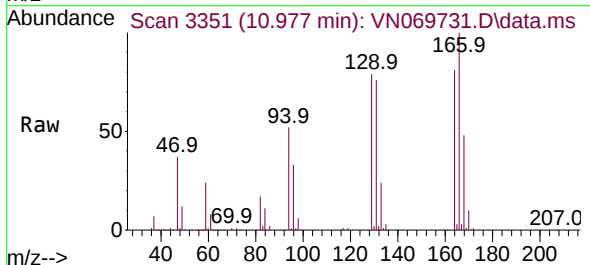
Manual Integrations
APPROVED

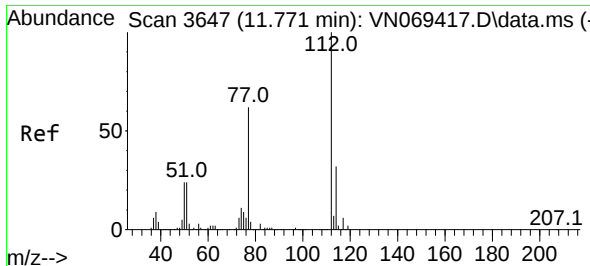
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 45.708 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

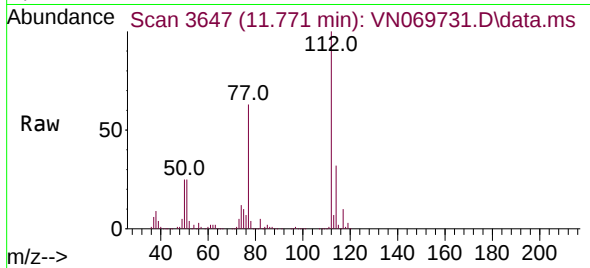
Tgt Ion:164 Resp: 570332
Ion Ratio Lower Upper
164 100
166 123.8 101.9 152.9
129 98.3 72.0 108.0
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 45.513 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

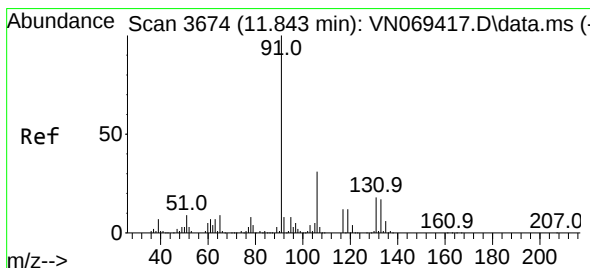
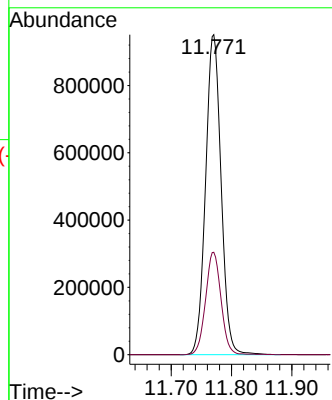
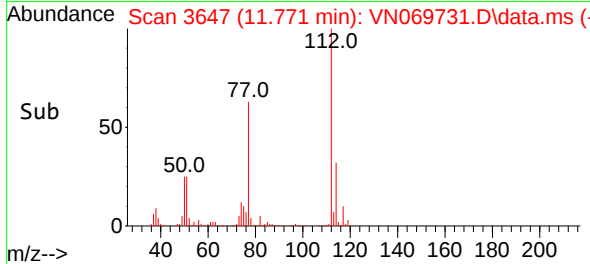
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 1699074
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

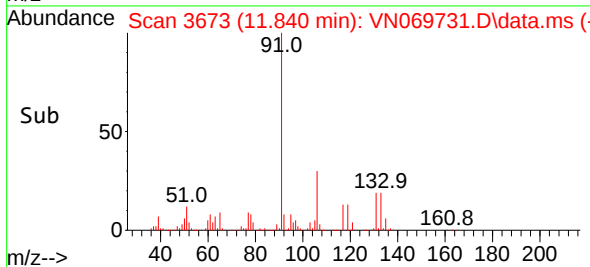
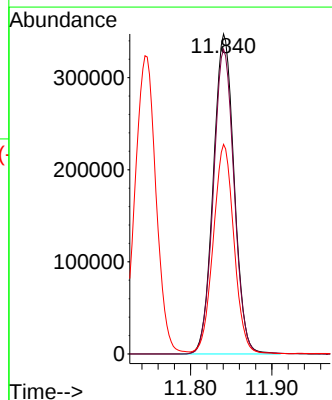
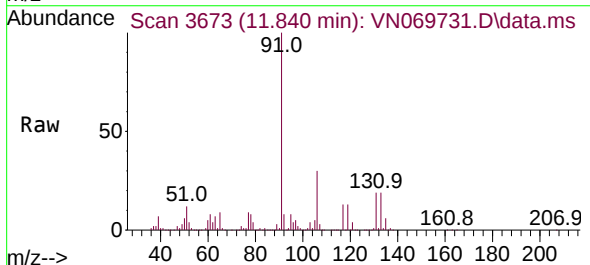
Manual Integrations
APPROVED

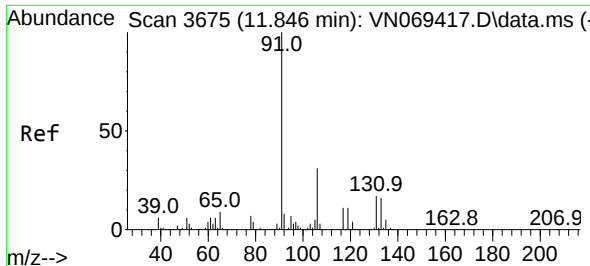
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 47.118 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion:131 Resp: 619119
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.9 32.1 96.5





#67

Ethyl Benzene

Concen: 47.050 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 3190588

Ion Ratio Lower Upper

91 100

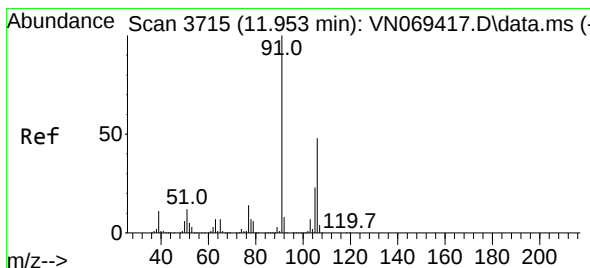
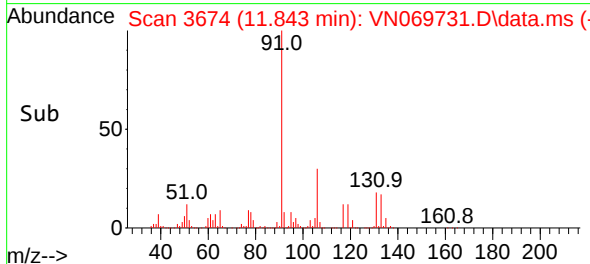
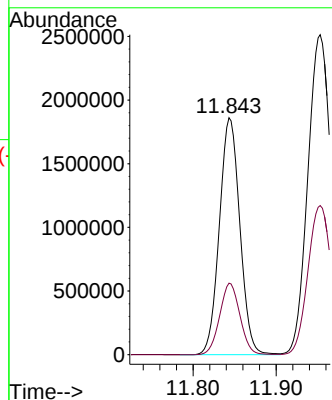
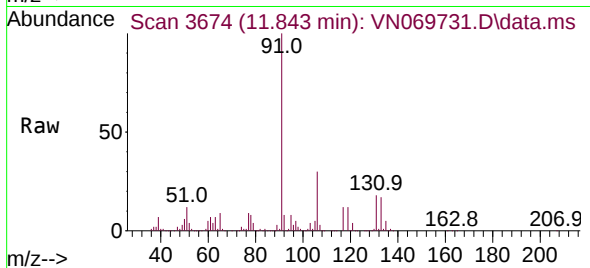
106 30.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#68

m/p-Xylenes

Concen: 94.470 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069731.D

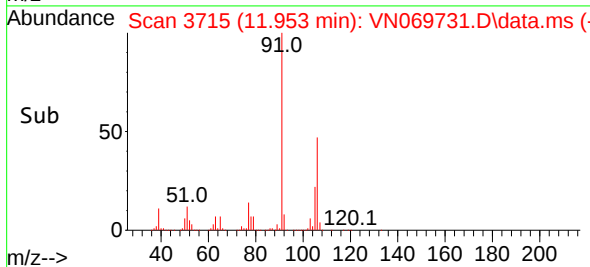
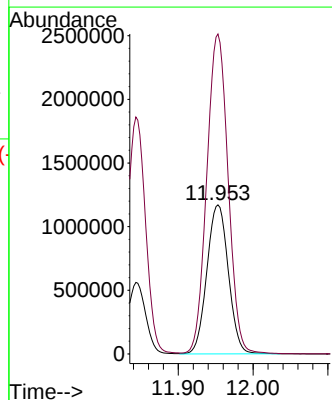
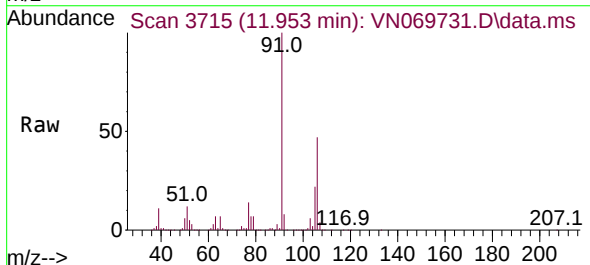
Acq: 3 Dec 2021 20:45

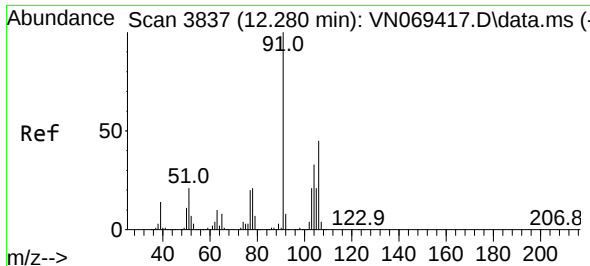
Tgt Ion:106 Resp: 2332573

Ion Ratio Lower Upper

106 100

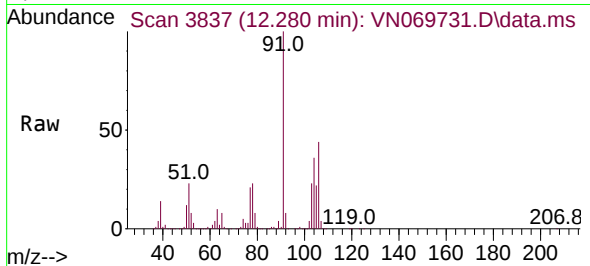
91 213.7 160.6 240.8





#69
o-Xylene
Concen: 46.821 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

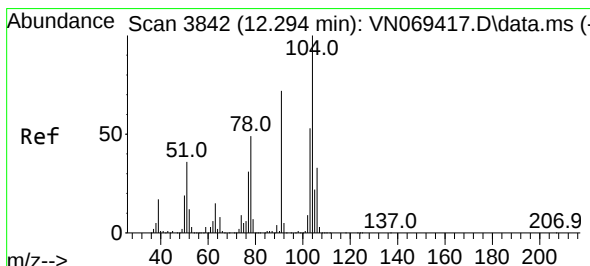
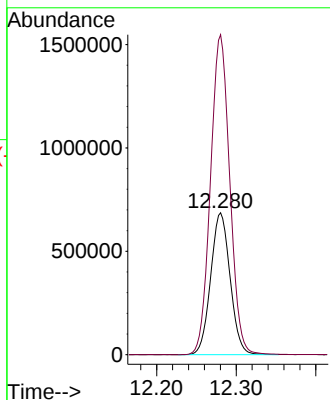
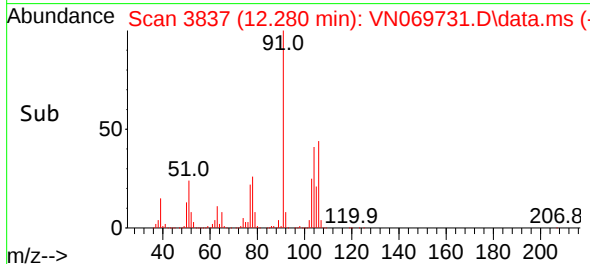
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



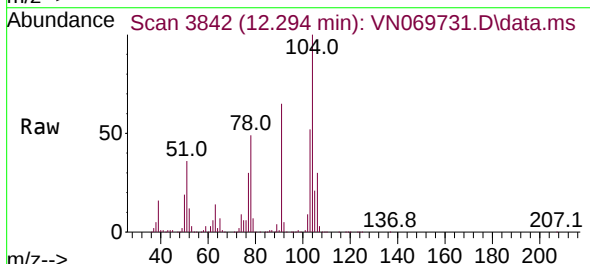
Tgt Ion:106 Resp: 1164470
Ion Ratio Lower Upper
106 100
91 224.0 105.8 317.3

Manual Integrations
APPROVED

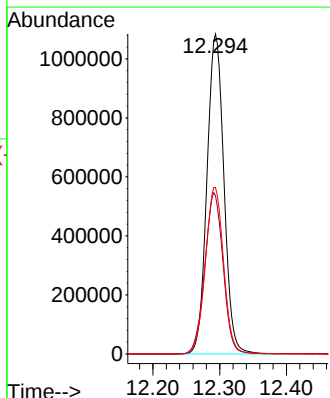
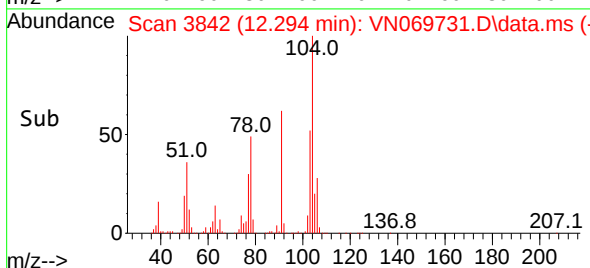
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

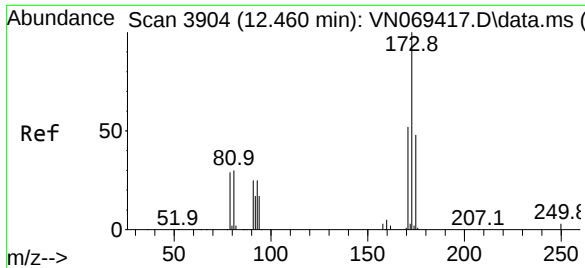


#70
Styrene
Concen: 48.514 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



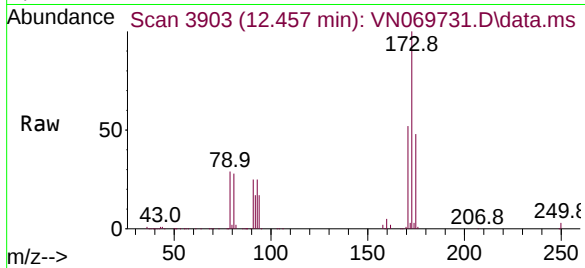
Tgt Ion:104 Resp: 1913279
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 41.705 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

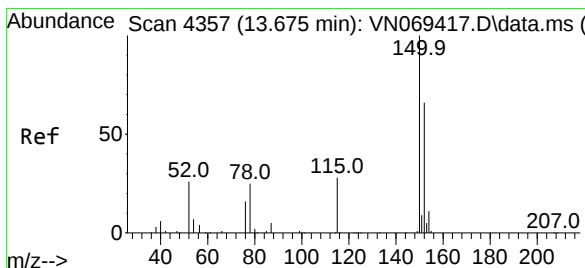
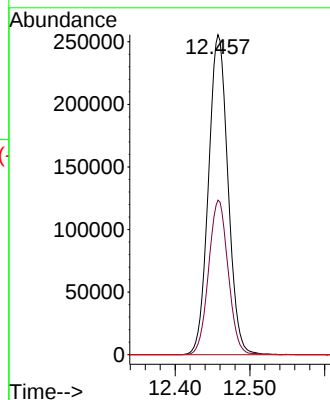
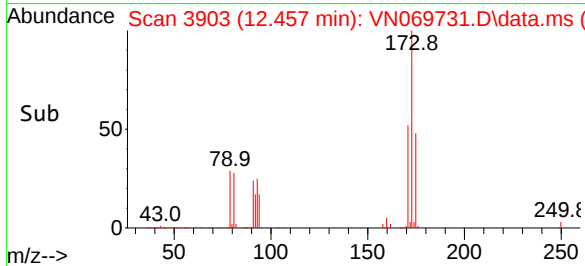
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



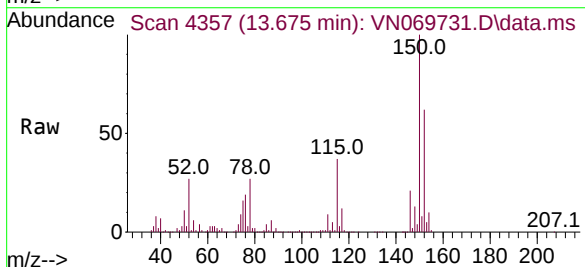
Tgt Ion:173 Resp: 46331
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

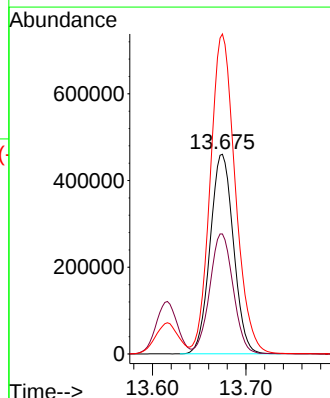
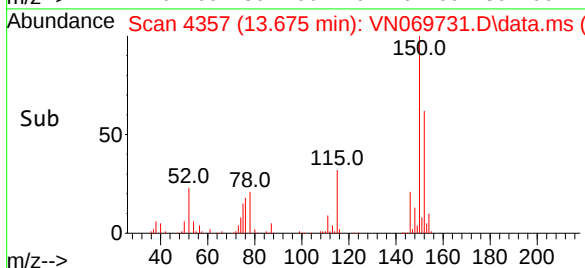
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

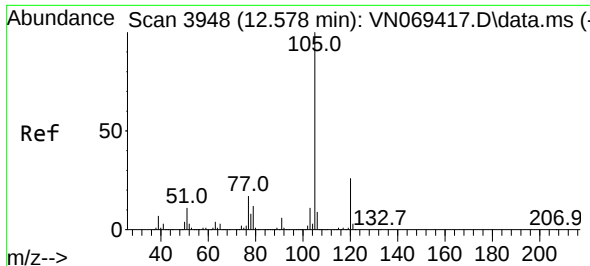


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



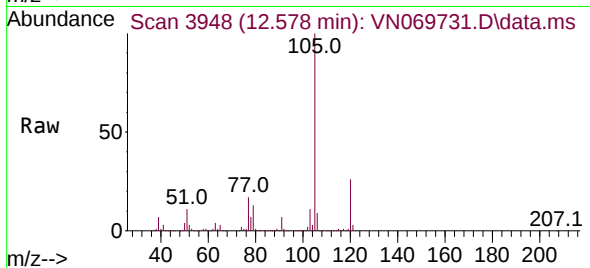
Tgt Ion:152 Resp: 800424
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 171.9 0.0 344.4





#73
Isopropylbenzene
Concen: 43.566 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

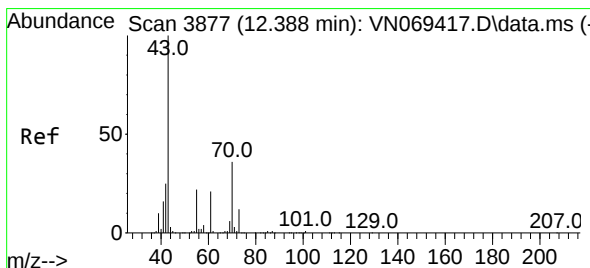
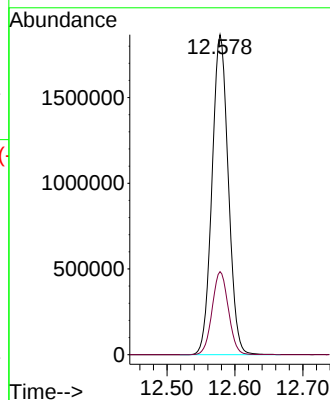
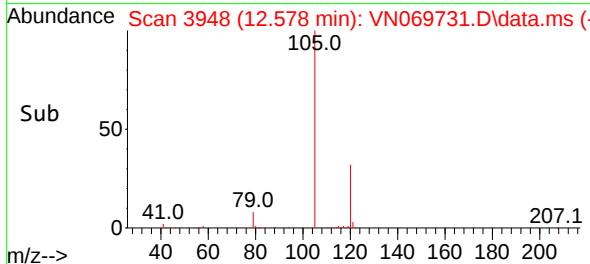
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



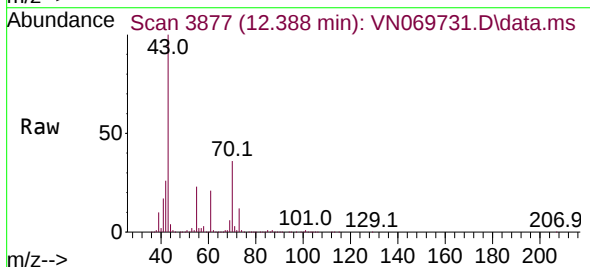
Tgt Ion:105 Resp: 310257
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

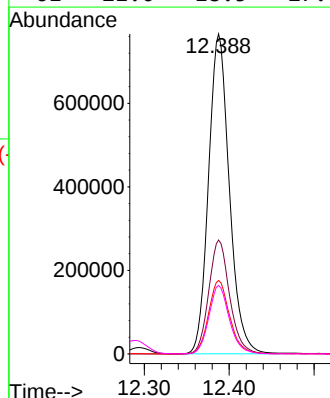
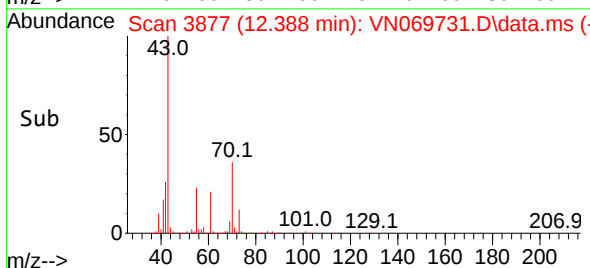
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

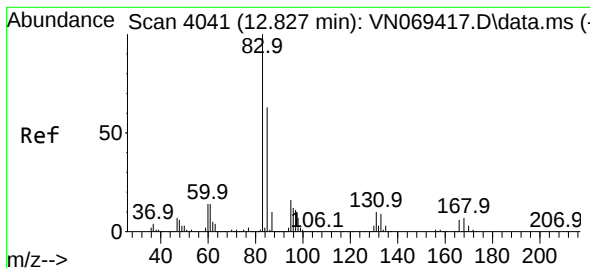


#74
N-ethyl acetate
Concen: 41.287 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



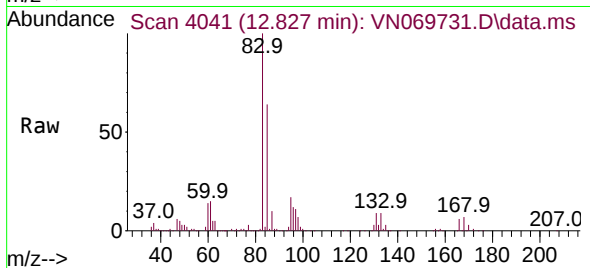
Tgt Ion: 43 Resp: 1300299
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 23.4 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.125 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

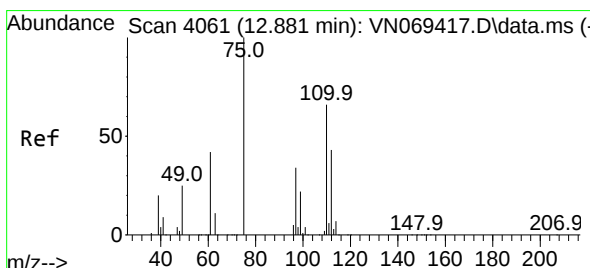
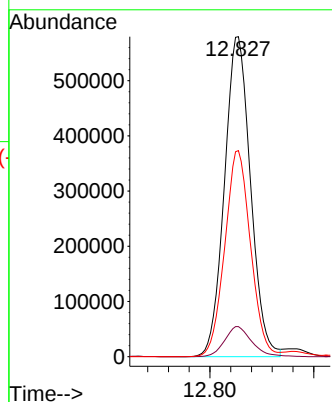
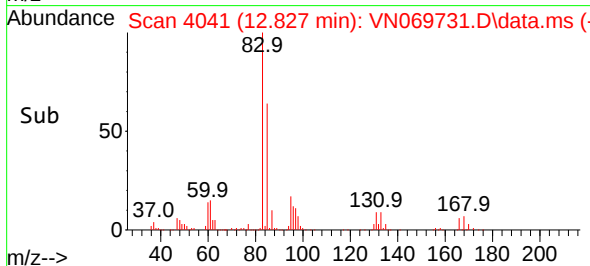
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



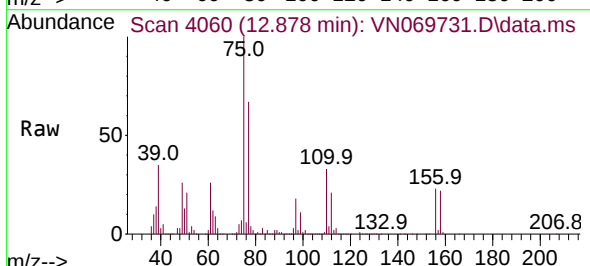
Tgt Ion: 83 Resp: 1012750
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
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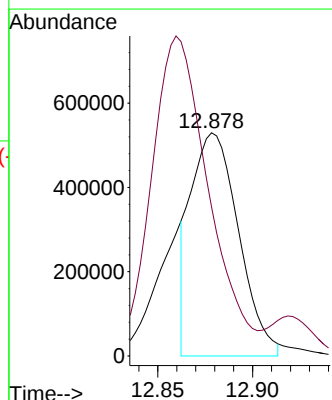
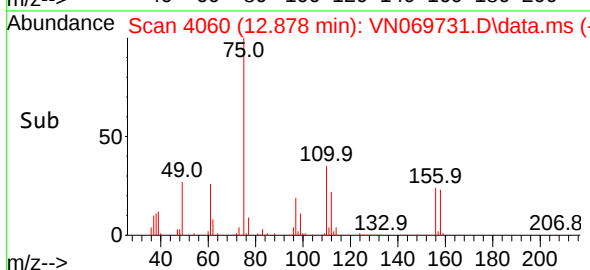
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

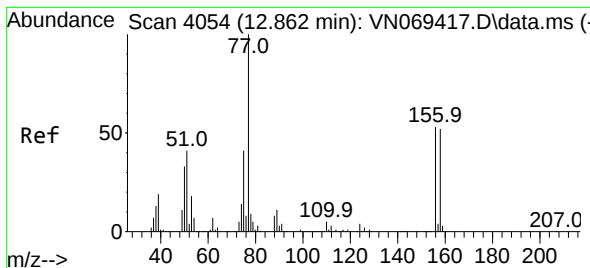


#76
1,2,3-Trichloropropane
Concen: 40.210 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



Tgt Ion: 75 Resp: 922988
Ion Ratio Lower Upper
75 100
77 172.0 82.6 247.8





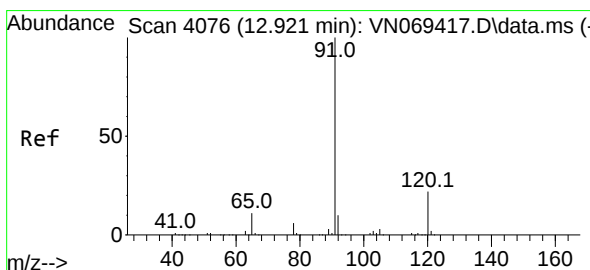
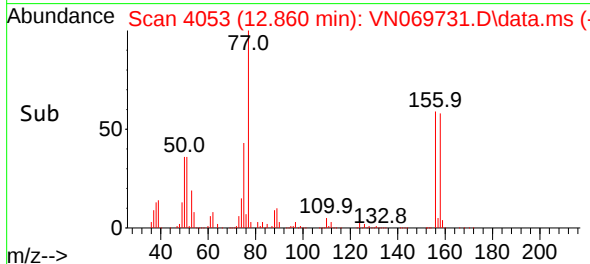
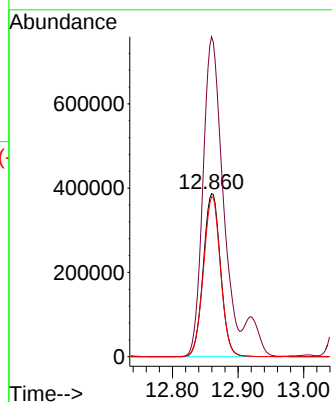
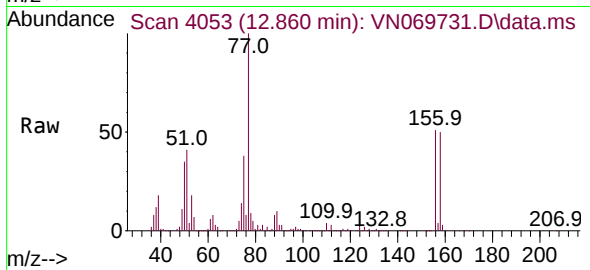
#77
Bromobenzene
Concen: 42.229 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 70638
Ion Ratio Lower Upper
156 100
77 224.8 90.6 271.8
158 97.1 48.9 146.7

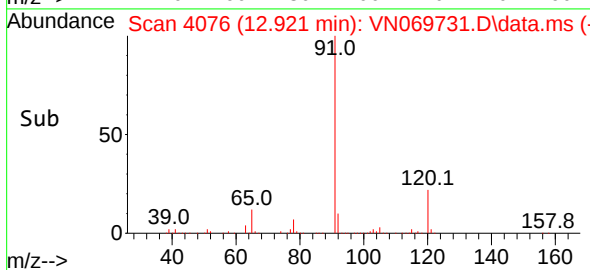
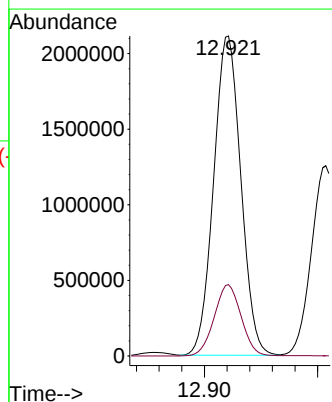
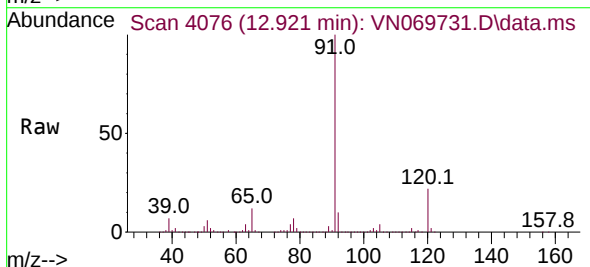
Manual Integrations
APPROVED

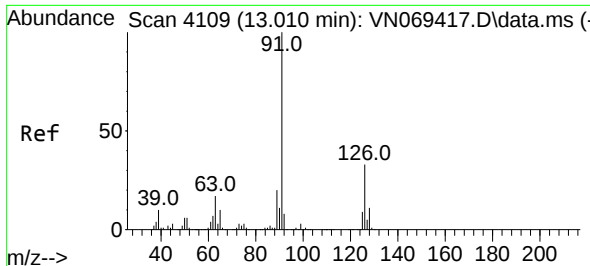
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 44.422 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion: 91 Resp: 3520288
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





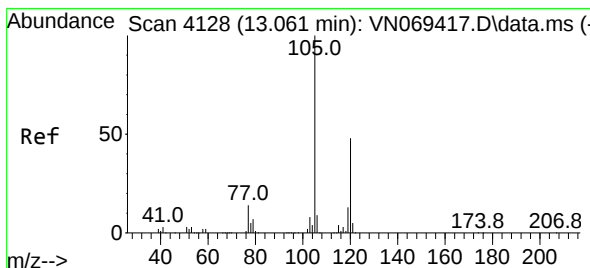
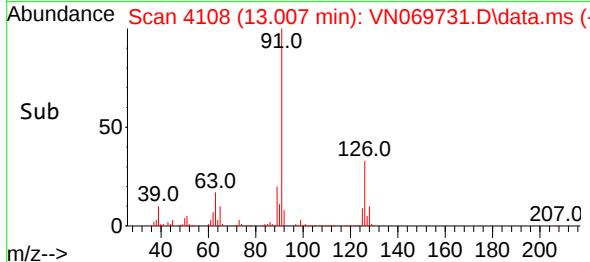
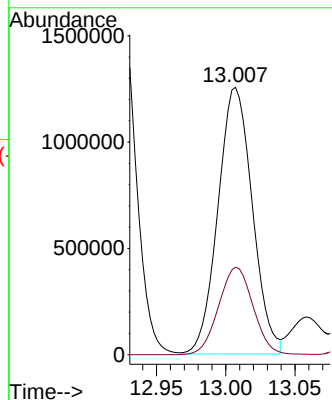
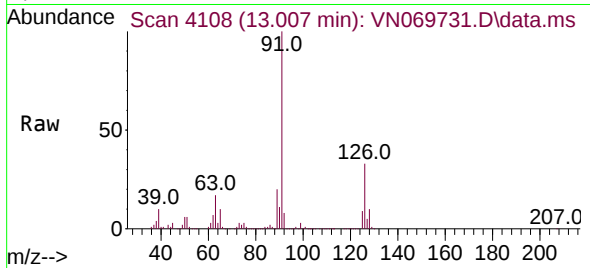
#79
2-Chlorotoluene
Concen: 43.311 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2168749
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

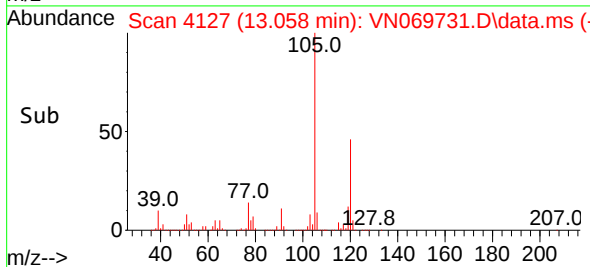
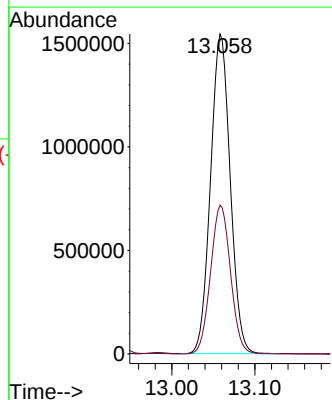
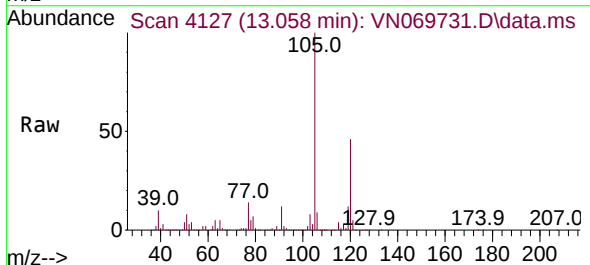
Manual Integrations
APPROVED

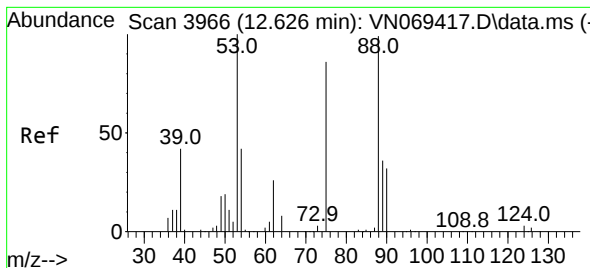
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 44.248 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

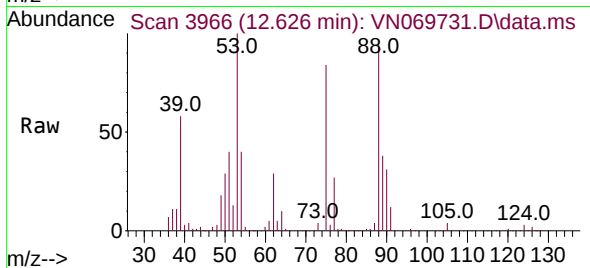
Tgt Ion:105 Resp: 2536313
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.453 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

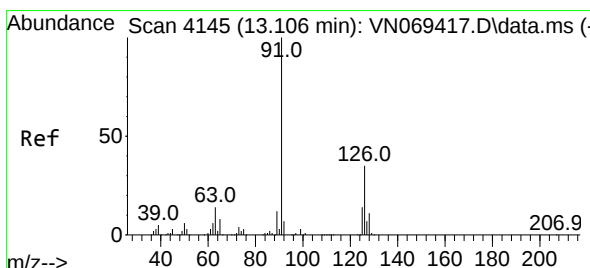
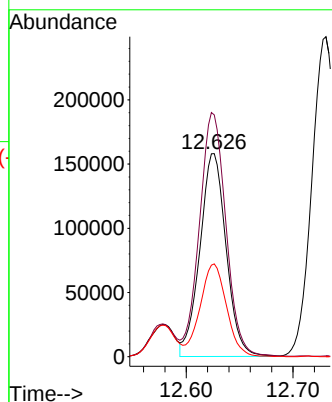
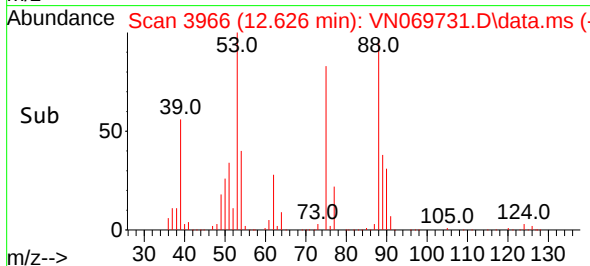
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



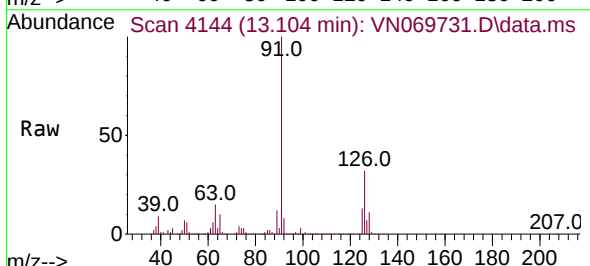
Tgt Ion: 75 Resp: 270162
Ion Ratio Lower Upper
75 100
53 121.3 90.5 135.7
89 45.9 38.2 57.4

Manual Integrations
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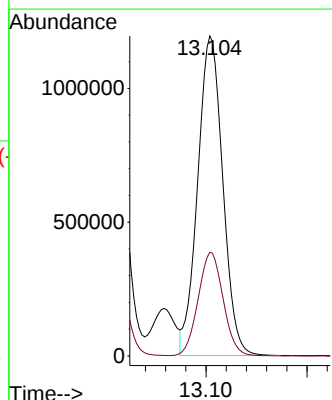
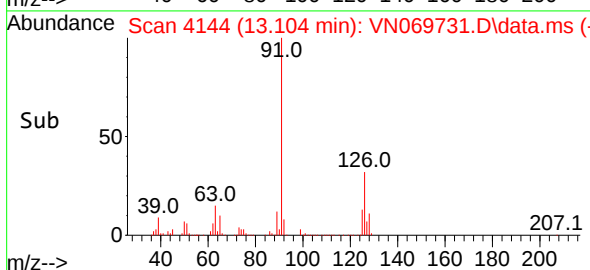
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

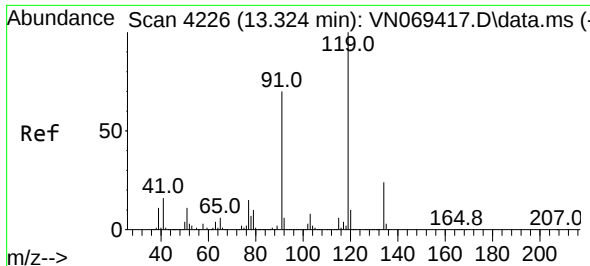


#82
4-Chlorotoluene
Concen: 43.818 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



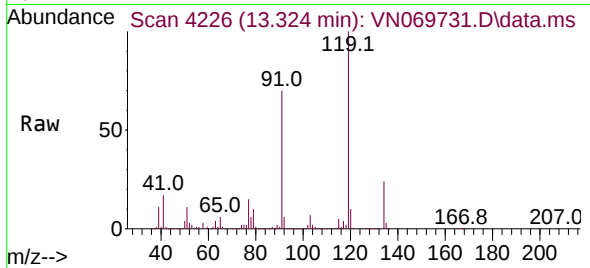
Tgt Ion: 91 Resp: 2063460
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 43.466 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

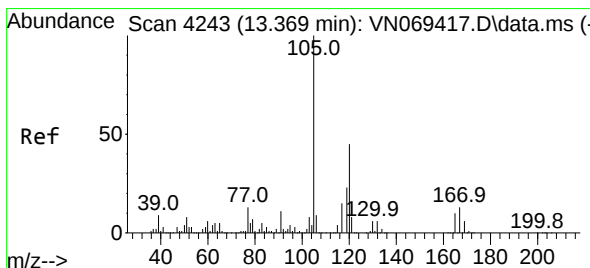
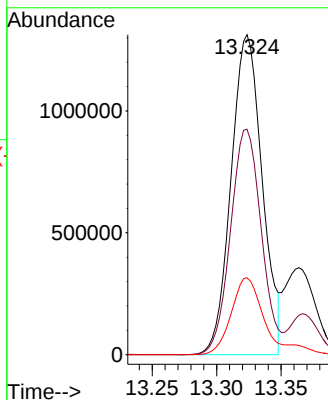
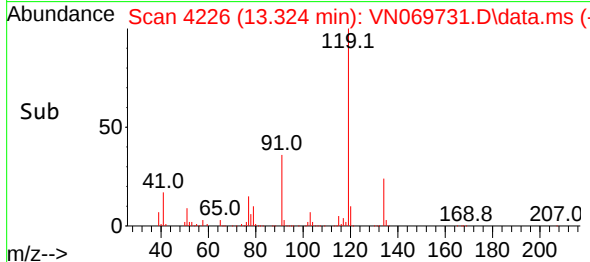
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



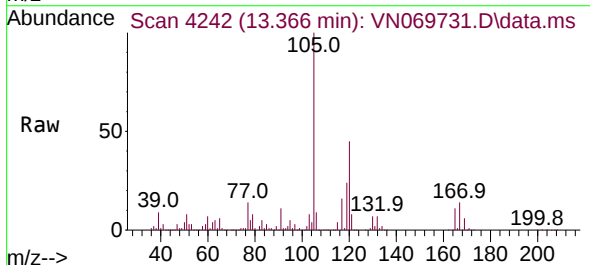
Tgt Ion:119 Resp: 2206148
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 26.3 12.4 37.4

Manual Integrations
APPROVED

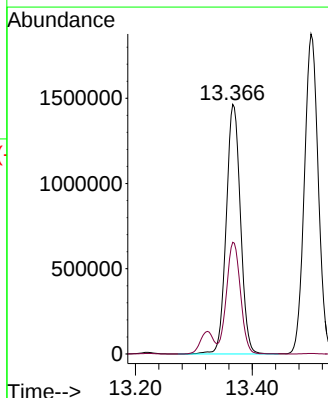
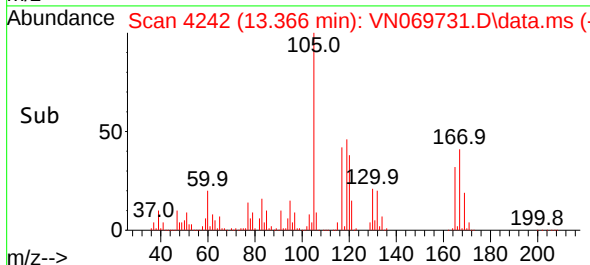
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

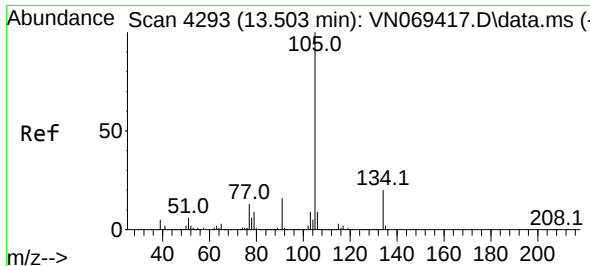


#84
1,2,4-Trimethylbenzene
Concen: 45.297 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



Tgt Ion:105 Resp: 2472712
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





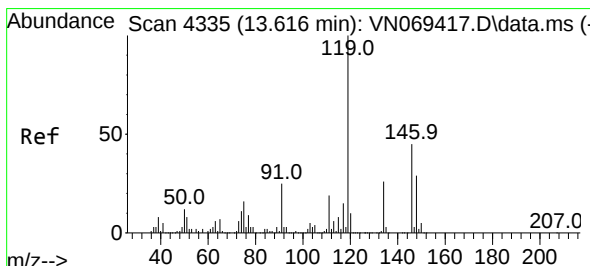
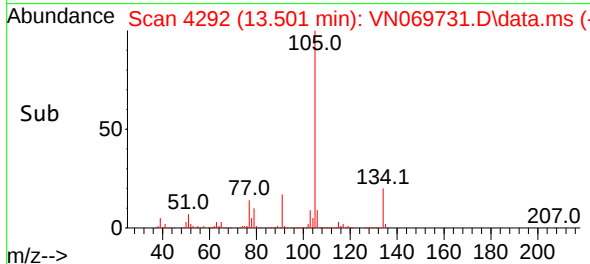
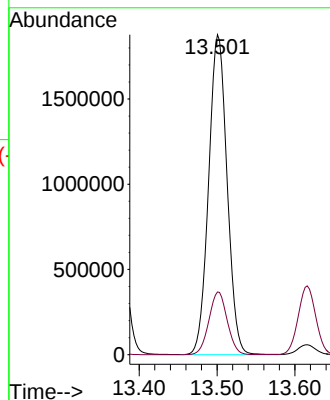
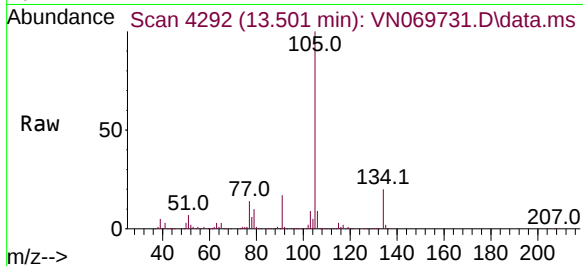
#85
 sec-Butylbenzene
 Concen: 44.836 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069731.D
 Acq: 3 Dec 2021 20:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 308670
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

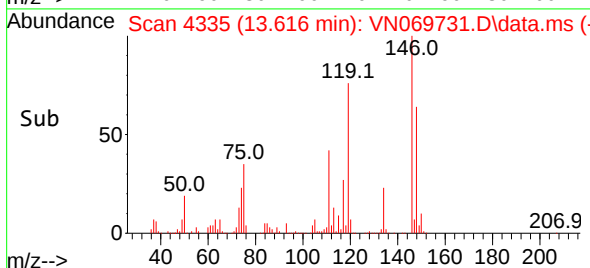
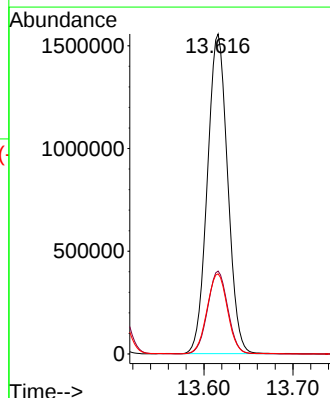
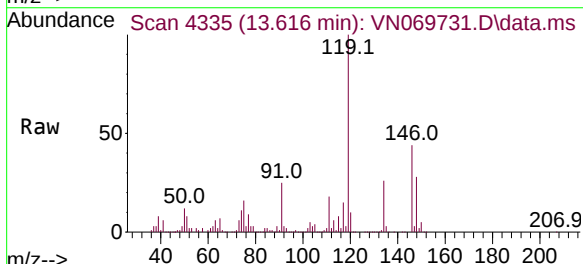
Manual Integrations
 APPROVED

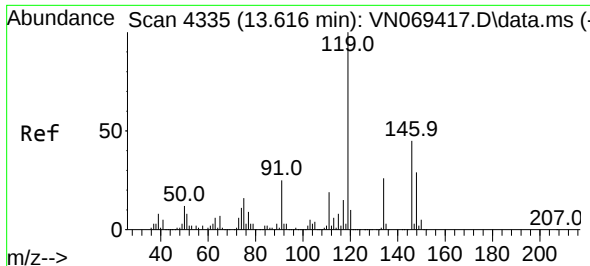
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 45.694 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069731.D
 Acq: 3 Dec 2021 20:45

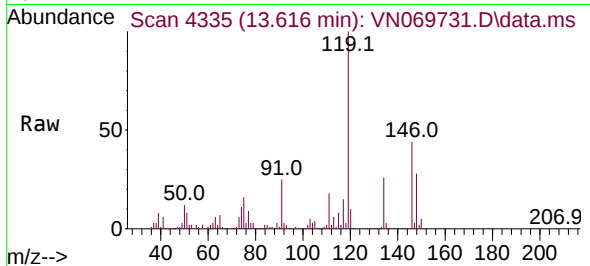
Tgt Ion:119 Resp: 2458926
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 43.645 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

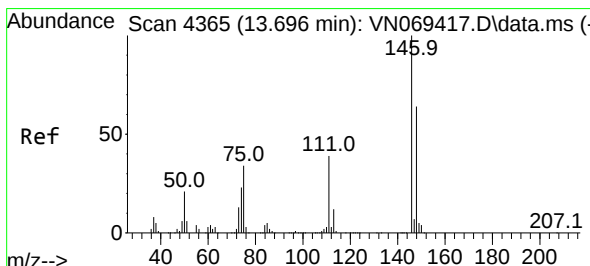
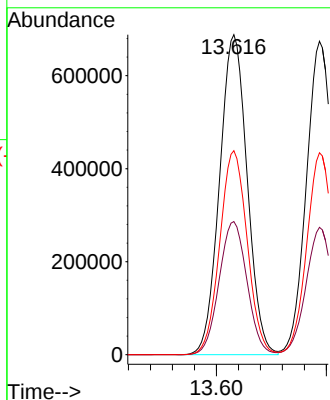
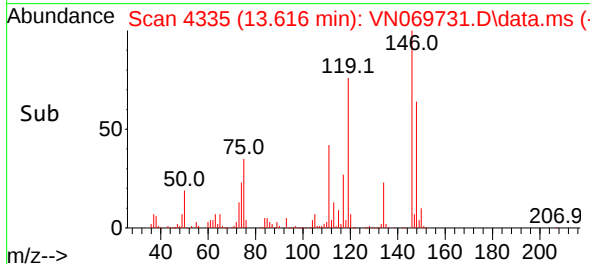
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



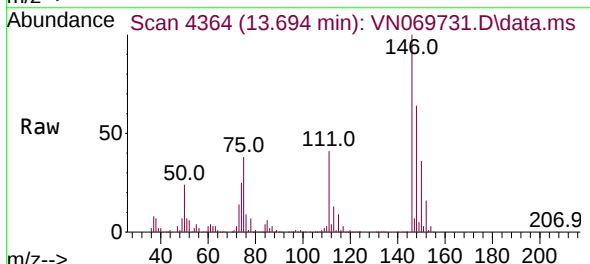
Tgt Ion:146 Resp: 1199390
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
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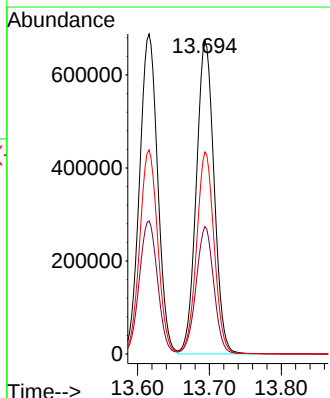
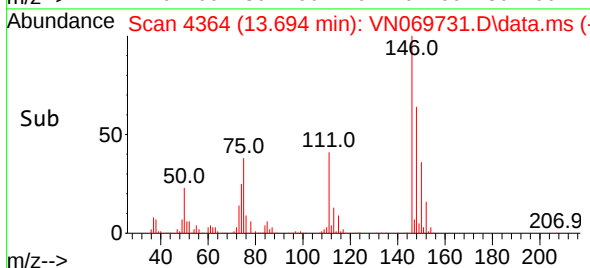
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

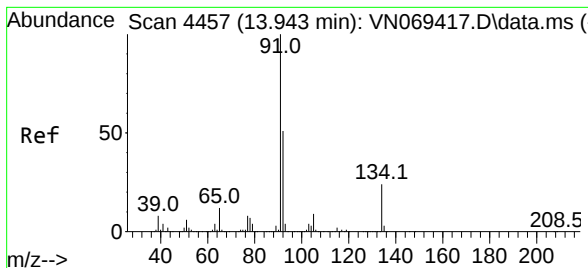


#88
1,4-Dichlorobenzene
Concen: 42.963 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



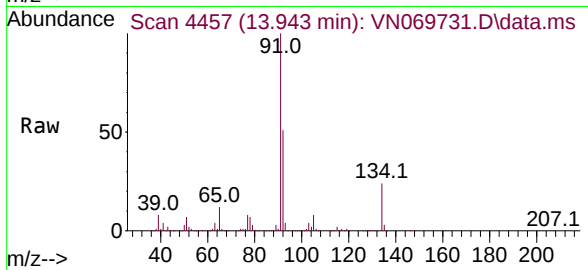
Tgt Ion:146 Resp: 1160245
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 45.007 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

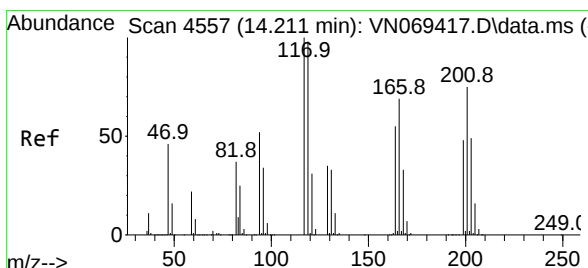
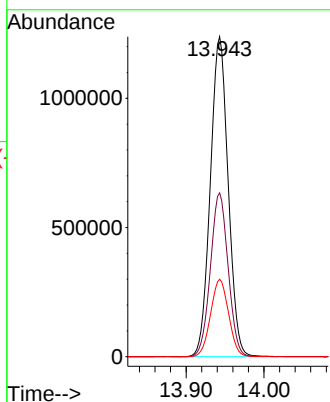
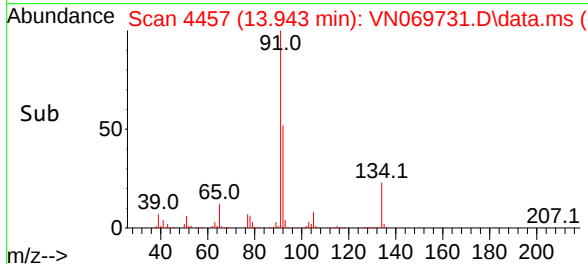
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 196468
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.4 13.6 40.8

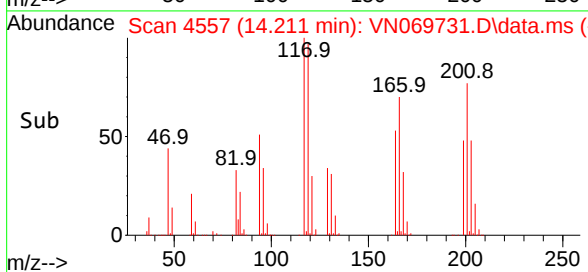
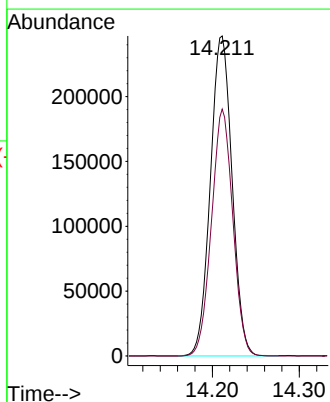
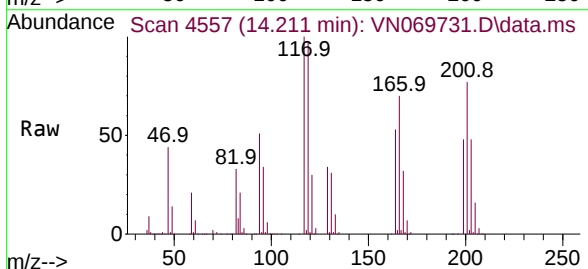
Manual Integrations
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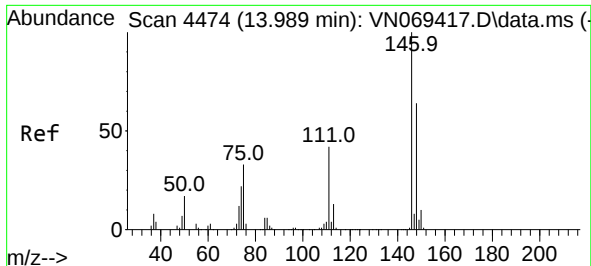
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 45.301 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

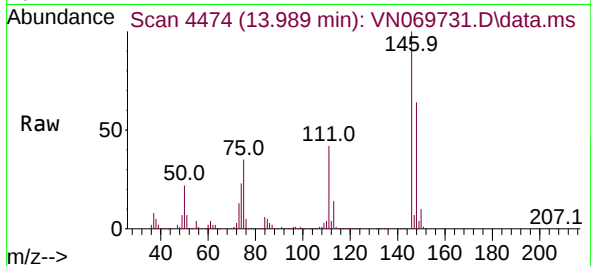
Tgt Ion:117 Resp: 428002
Ion Ratio Lower Upper
117 100
201 75.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 43.372 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

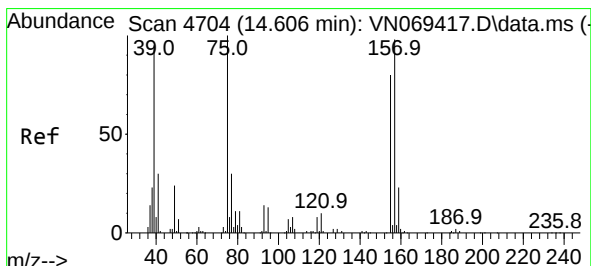
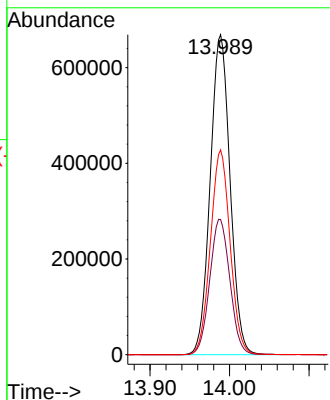
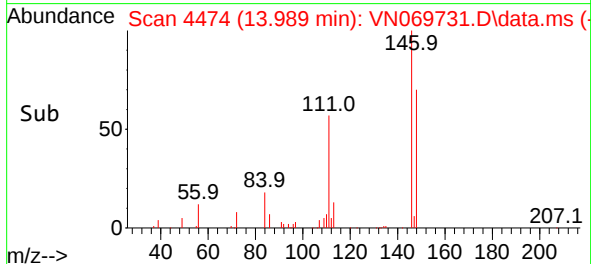
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



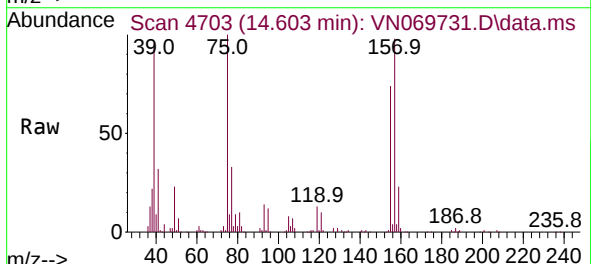
Tgt Ion:146 Resp: 1161320
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.6 32.1 96.3

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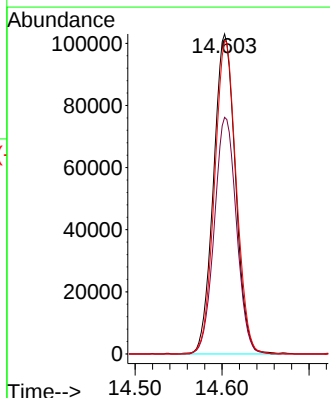
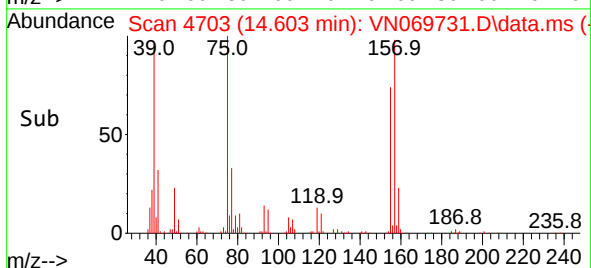
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

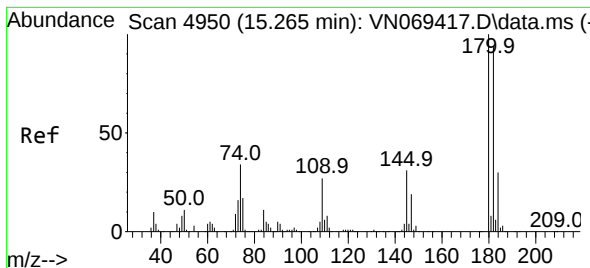


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.585 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45



Tgt Ion: 75 Resp: 180602
Ion Ratio Lower Upper
75 100
155 74.5 46.9 140.7
157 96.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 38.799 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

Instrument :

MSVOA_N

ClientSampleId :

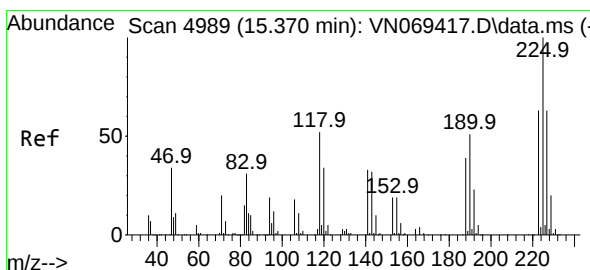
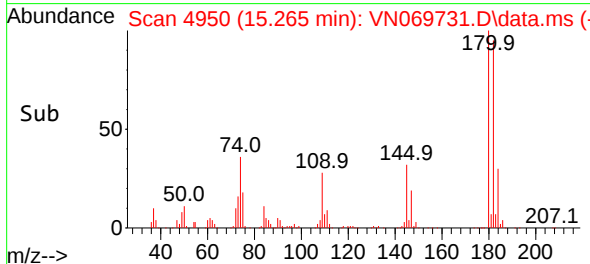
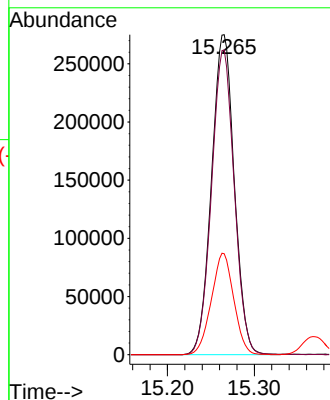
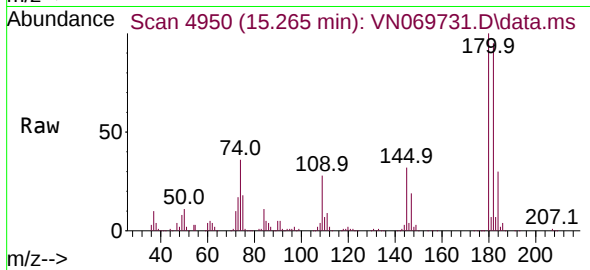
VSTDCCC050EC

Tgt Ion:180 Resp: 50054
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 31.2 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#94

Hexachlorobutadiene

Concen: 42.443 ug/l

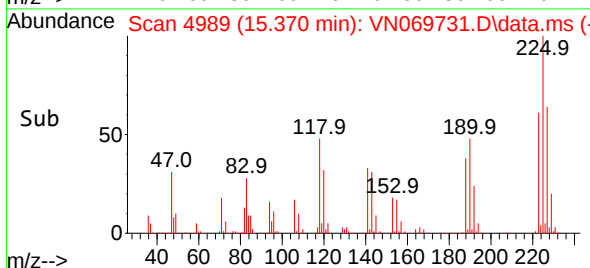
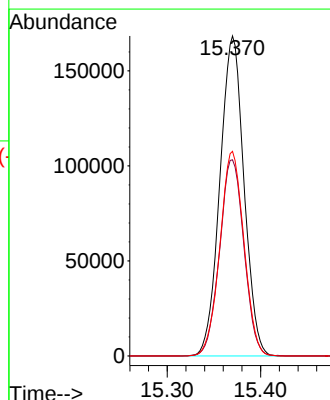
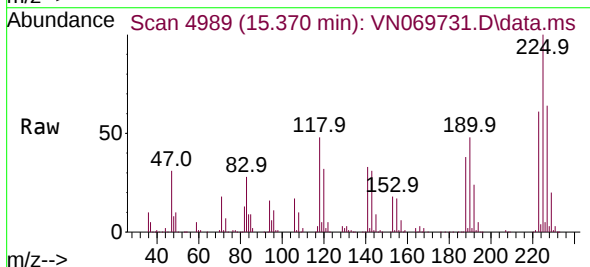
RT: 15.370 min Scan# 4989

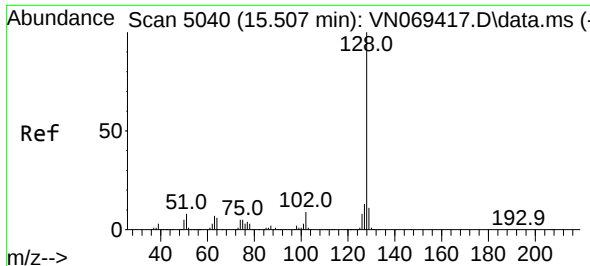
Delta R.T. 0.000 min

Lab File: VN069731.D

Acq: 3 Dec 2021 20:45

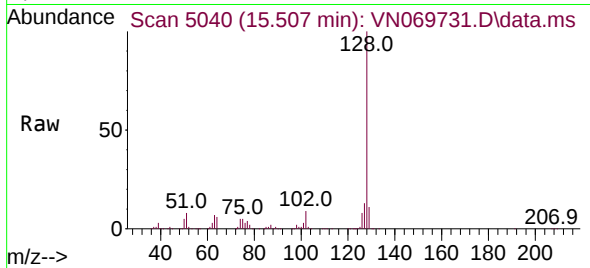
Tgt Ion:225 Resp: 301183
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.7
 227 63.8 32.1 96.3





#95
Naphthalene
Concen: 34.818 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

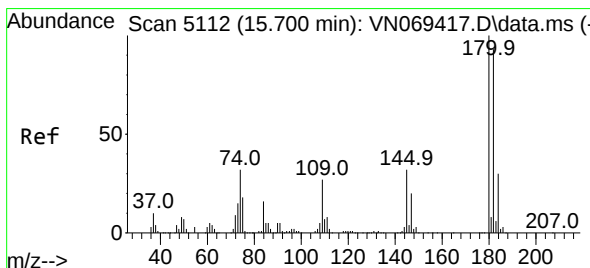
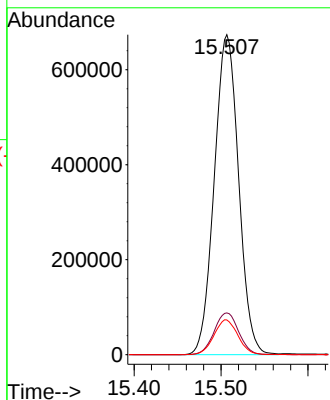
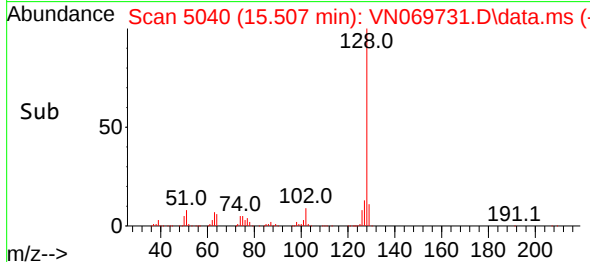
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1310519
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 38.827 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069731.D
Acq: 3 Dec 2021 20:45

Tgt Ion:180 Resp: 489614
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 32.8 15.0 45.1

