

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069709.D
 Acq On : 3 Dec 2021 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 05:27:42 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1213210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1960818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1841630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	797012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	870810	46.488	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.980%		
35) Dibromofluoromethane	8.018	113	603513	49.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	10.440	98	2423303	49.137	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.731	95	895479	50.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	784912	55.470	ug/l	100
3) Chloromethane	2.303	50	878765	49.570	ug/l	99
4) Vinyl Chloride	2.451	62	846541	51.933	ug/l	98
5) Bromomethane	2.853	94	493676	55.746	ug/l	97
6) Chloroethane	3.022	64	504281	50.485	ug/l	98
7) Trichlorofluoromethane	3.376	101	1129998	52.819	ug/l	99
8) Diethyl Ether	3.824	74	424727	51.546	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	659533	54.996	ug/l	96
10) Methyl Iodide	4.422	142	872443	53.253	ug/l	97
11) Tert butyl alcohol	5.374	59	692559	195.594	ug/l	99
12) 1,1-Dichloroethene	4.181	96	606210	52.457	ug/l	89
13) Acrolein	4.038	56	632064	209.619	ug/l	99
14) Allyl chloride	4.840	41	1340176	51.465	ug/l	96
15) Acrylonitrile	5.554	53	2115844	221.759	ug/l	98
16) Acetone	4.285	43	2972606	263.806	ug/l	97
17) Carbon Disulfide	4.529	76	1650099	55.269	ug/l	99
18) Methyl Acetate	4.854	43	1490157	43.812	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	2315975	51.542	ug/l	96
20) Methylene Chloride	5.095	84	731678	48.845	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	649652	51.757	ug/l	86
22) Diisopropyl ether	6.495	45	2689383	52.839	ug/l	96
23) Vinyl Acetate	6.433	43	10880663	262.765	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1378305	52.277	ug/l	98
25) 2-Butanone	7.335	43	3587527	234.324	ug/l	92
26) 2,2-Dichloropropane	7.324	77	1137294	55.479	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	787222	51.910	ug/l	86
28) Bromochloromethane	7.656	49	687521	50.146	ug/l #	79
29) Tetrahydrofuran	7.683	42	2035513	218.951	ug/l	89
30) Chloroform	7.817	83	1376322	51.688	ug/l	99
31) Cyclohexane	8.094	56	1360993	52.209	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1206076	53.174	ug/l	96
36) 1,1-Dichloropropene	8.220	75	1041563	55.799	ug/l	97
37) Ethyl Acetate	7.412	43	1261173	45.394	ug/l	96
38) Carbon Tetrachloride	8.206	117	1019371	55.689	ug/l	99
39) Methylcyclohexane	9.459	83	1319182	59.414	ug/l	90
40) Benzene	8.458	78	3077743	53.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	650139	49.850	ug/l	88
42) 1,2-Dichloroethane	8.531	62	1224702	53.173	ug/l	96
43) Isopropyl Acetate	8.560	43	2063943	50.201	ug/l #	94
44) Trichloroethene	9.215	130	760541	55.848	ug/l	93
45) 1,2-Dichloropropane	9.488	63	826921	53.971	ug/l	100
46) Dibromomethane	9.577	93	538819	53.622	ug/l	92
47) Bromodichloromethane	9.762	83	1064244	55.939	ug/l	99
48) Methyl methacrylate	9.558	41	1034079	53.895	ug/l #	81
49) 1,4-Dioxane	9.566	88	289238	840.151	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	6456607	242.079	ug/l	95
52) Toluene	10.505	92	1913588	54.935	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1178789	51.423	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1263886	52.516	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	750979	53.433	ug/l	98
56) Ethyl methacrylate	10.759	69	1266182	47.849	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1316074	53.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1289909	185.261	ug/l	92
59) 2-Hexanone	11.084	43	4904273	243.072	ug/l	94
60) Dibromochloromethane	11.237	129	769992	51.078	ug/l	100
61) 1,2-Dibromoethane	11.344	107	773907	53.163	ug/l	100
64) Tetrachloroethene	10.977	164	693470	55.533	ug/l	95
65) Chlorobenzene	11.768	112	2045595	54.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	732873	55.732	ug/l	99
67) Ethyl Benzene	11.843	91	3846850	56.683	ug/l	96
68) m/p-Xylenes	11.953	106	2827665	114.432	ug/l	92
69) o-Xylene	12.280	106	1413094	56.773	ug/l	93
70) Styrene	12.294	104	2277676	57.709	ug/l	96
71) Bromoform	12.457	173	554600	49.348	ug/l #	100
73) Isopropylbenzene	12.578	105	3726131	52.546	ug/l	98
74) N-amyl acetate	12.387	43	1515176	48.316	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1145992	46.734	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	974387m	42.631	ug/l	
77) Bromobenzene	12.859	156	842444	50.578	ug/l	80
78) n-propylbenzene	12.918	91	4327733	54.845	ug/l	96
79) 2-Chlorotoluene	13.007	91	2597452	52.095	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	3089561	54.131	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	335757	48.234	ug/l	96
82) 4-Chlorotoluene	13.103	91	2524703	53.843	ug/l	93
83) tert-Butylbenzene	13.323	119	2687826	53.183	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	3018586	55.533	ug/l	98
85) sec-Butylbenzene	13.500	105	3797587	55.398	ug/l	97
86) p-Isopropyltoluene	13.616	119	3056873	57.049	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1478274	54.024	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1437544	53.459	ug/l	97
89) n-Butylbenzene	13.943	91	2550873	58.686	ug/l	98
90) Hexachloroethane	14.211	117	522893	55.582	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1401274	52.558	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	203594	45.947	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	652890	49.933	ug/l	99
94) Hexachlorobutadiene	15.370	225	392274	55.517	ug/l	99
95) Naphthalene	15.507	128	1580347	41.325	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	605199	47.611	ug/l	98

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QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

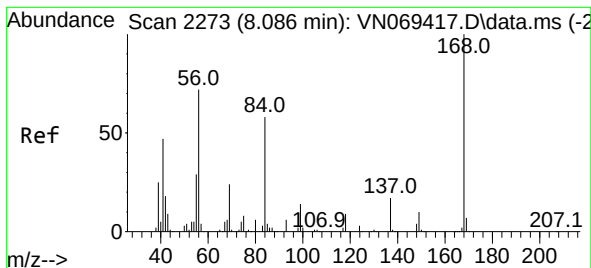
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

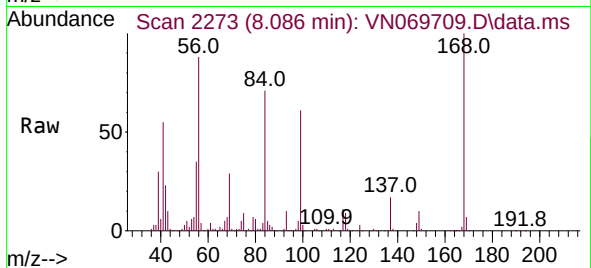
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069709.D
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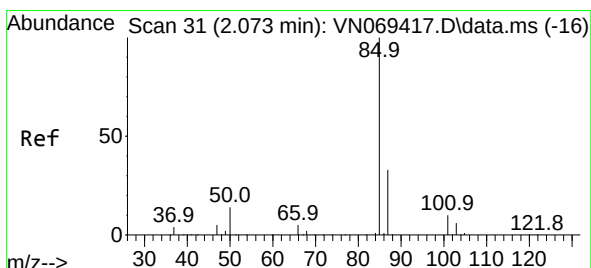
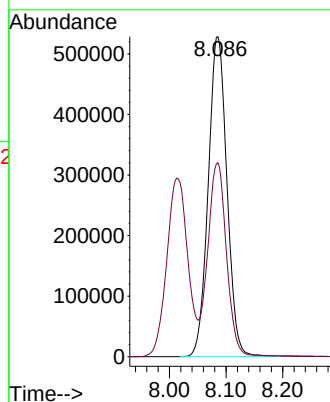
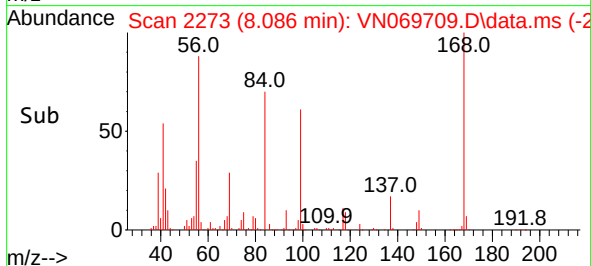
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Tgt Ion:168 Resp: 1213210
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

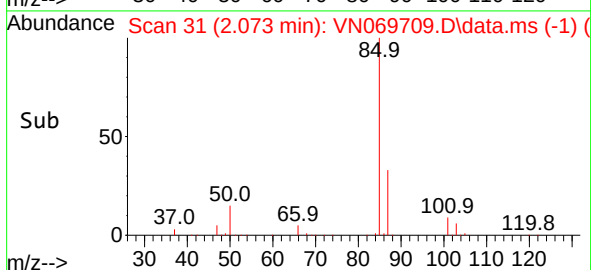
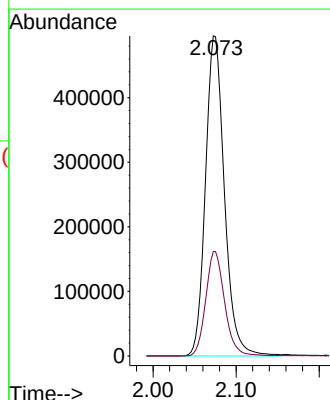
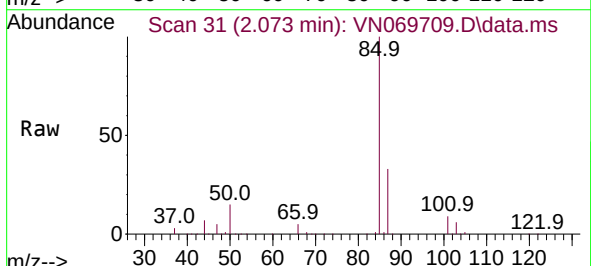
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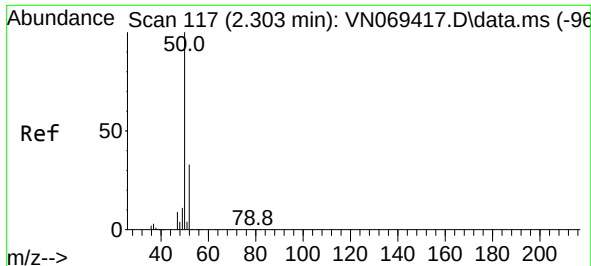
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 55.470 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion: 85 Resp: 784912
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





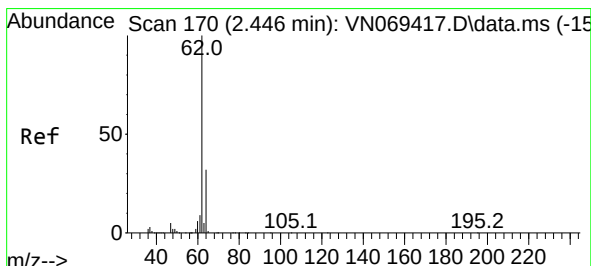
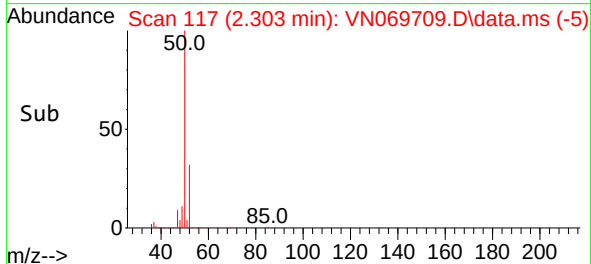
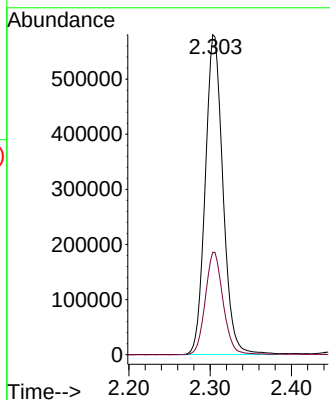
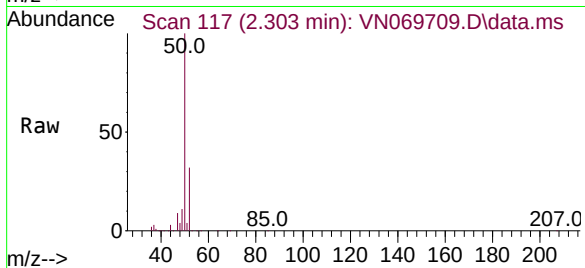
#3
Chloromethane
Concen: 49.570 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

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Tgt Ion: 50 Resp: 87876
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

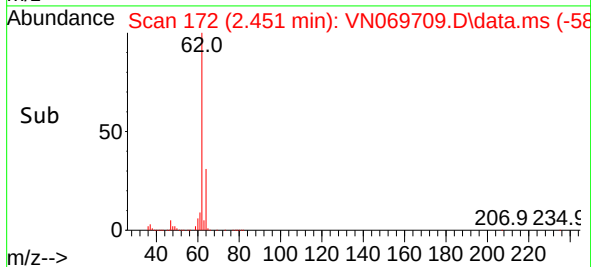
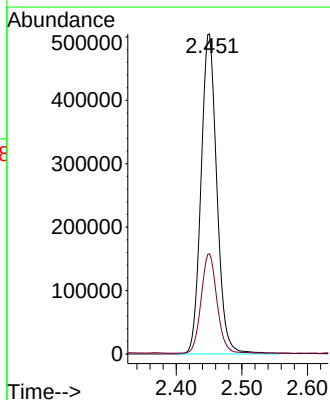
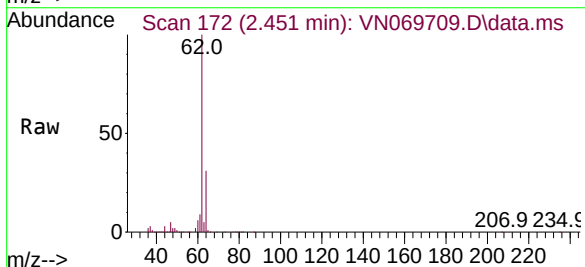
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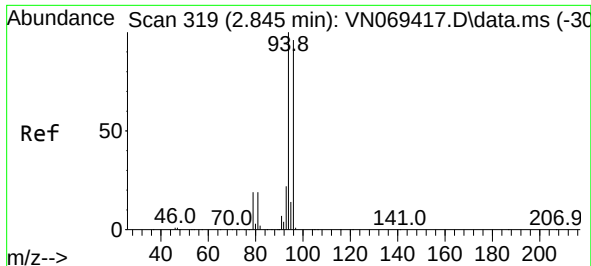
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 51.933 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

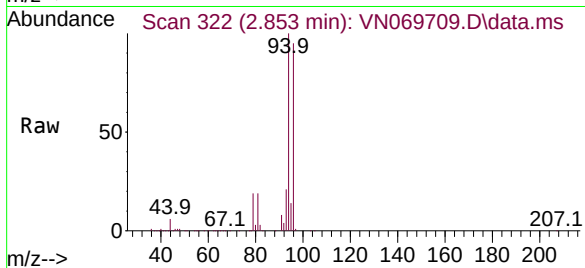
Tgt Ion: 62 Resp: 846541
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 55.746 ug/l
RT: 2.853 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

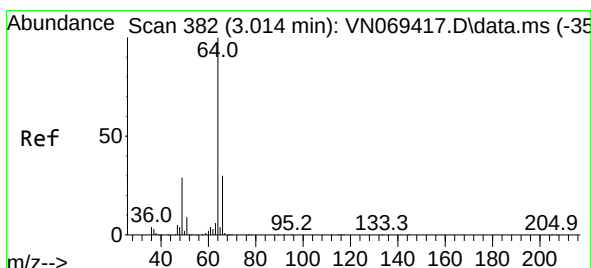
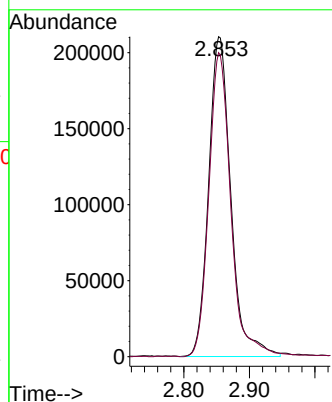
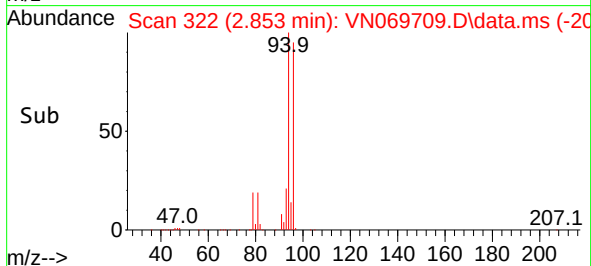
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Tgt Ion: 94 Resp: 493670
Ion Ratio Lower Upper
94 100
96 95.1 73.8 110.8

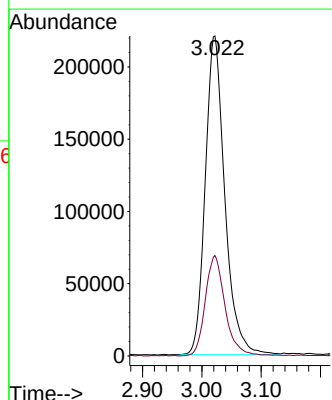
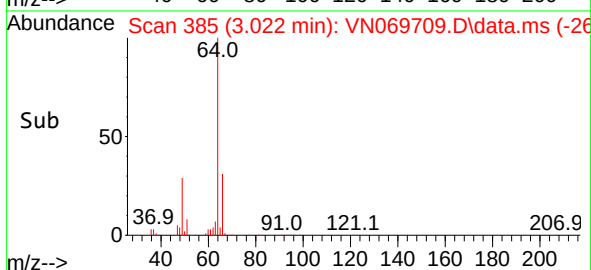
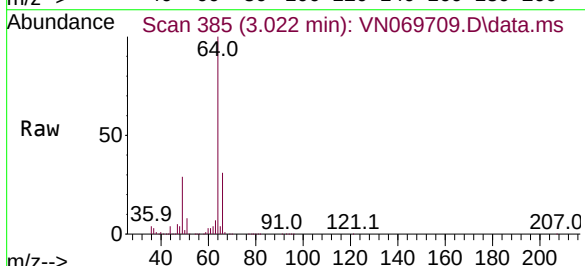
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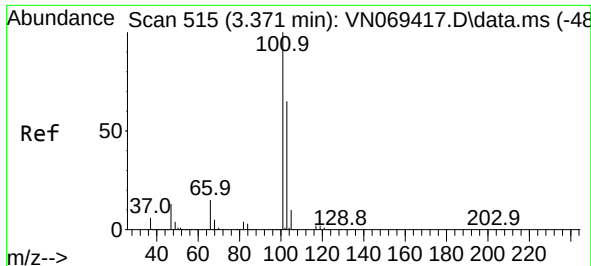
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#6
Chloroethane
Concen: 50.485 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion: 64 Resp: 504281
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





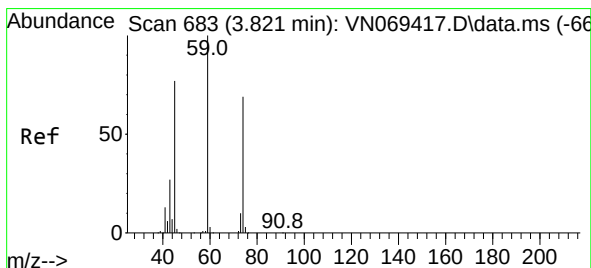
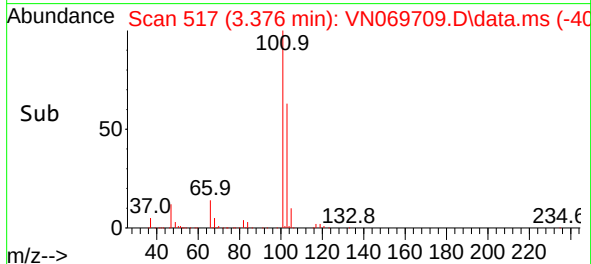
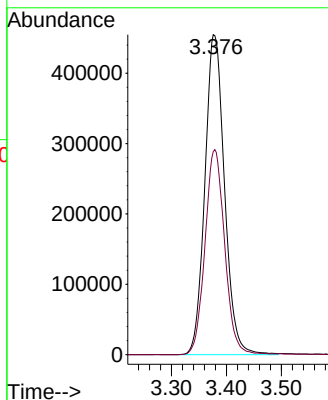
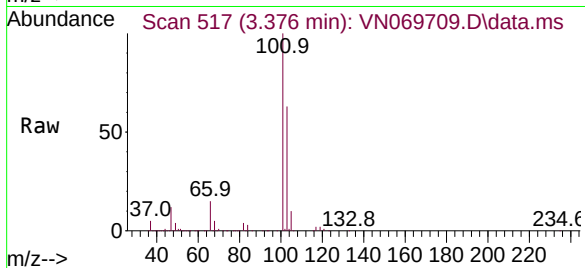
#7
Trichlorofluoromethane
Concen: 52.819 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

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Tgt Ion:101 Resp: 1129998
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

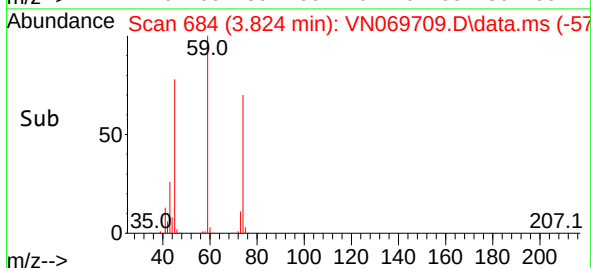
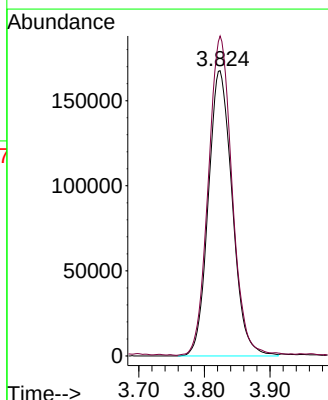
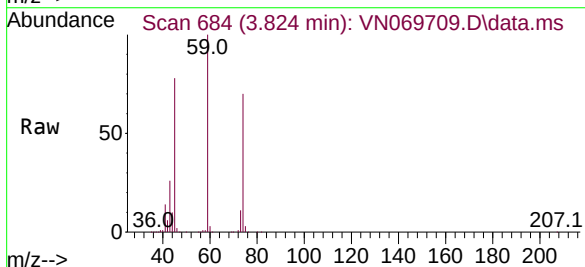
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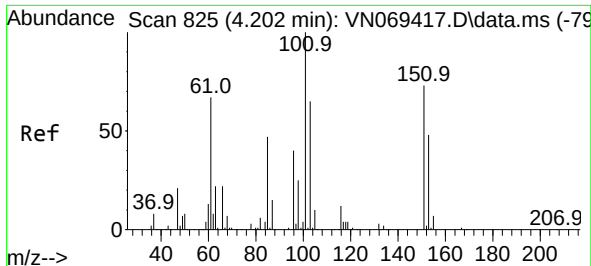
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#8
Diethyl Ether
Concen: 51.546 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069709.D
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Tgt Ion: 74 Resp: 424727
Ion Ratio Lower Upper
74 100
45 110.9 47.0 141.2





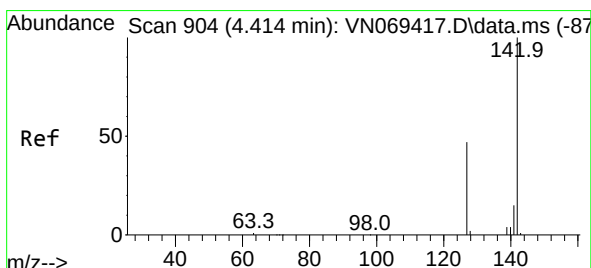
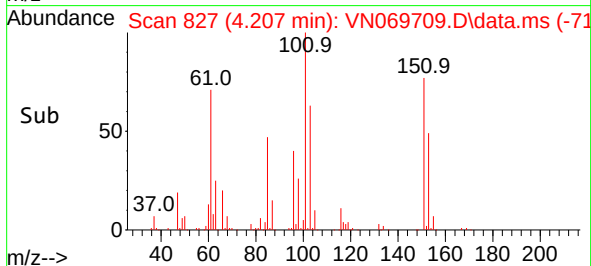
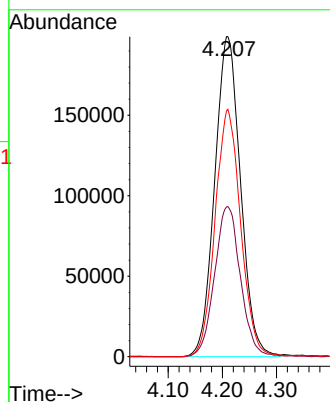
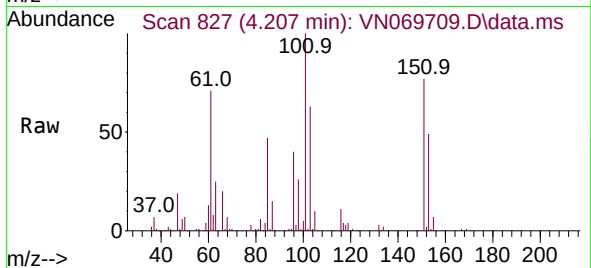
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.996 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65953
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 76.5 65.9 98.9

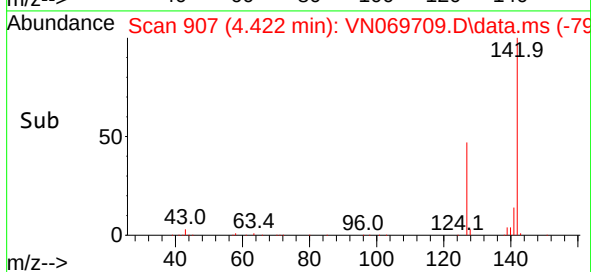
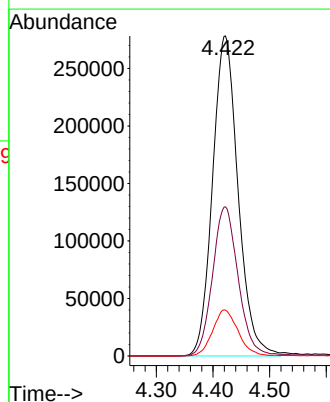
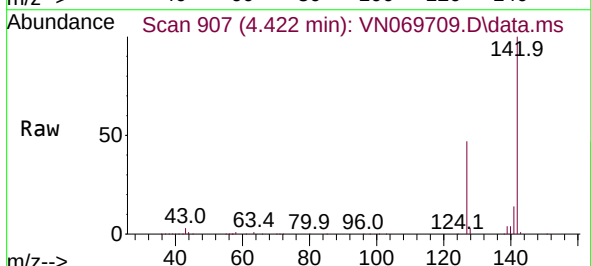
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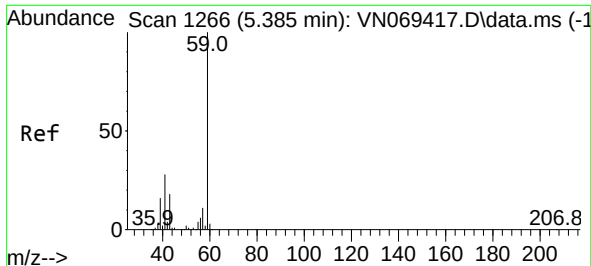
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 53.253 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

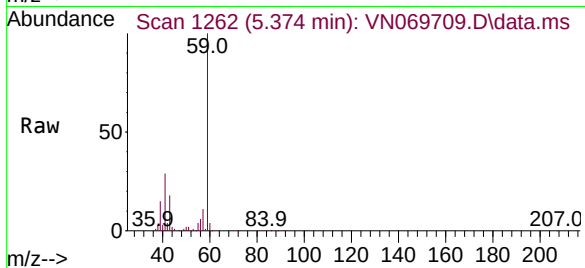
Tgt Ion:142 Resp: 872443
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 195.594 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

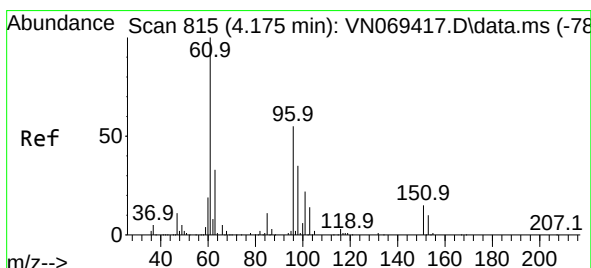
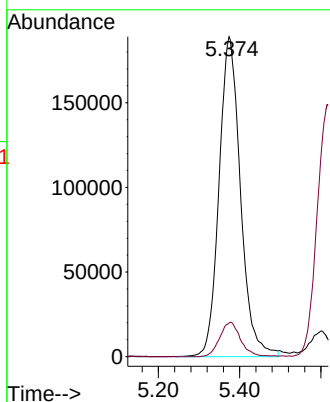
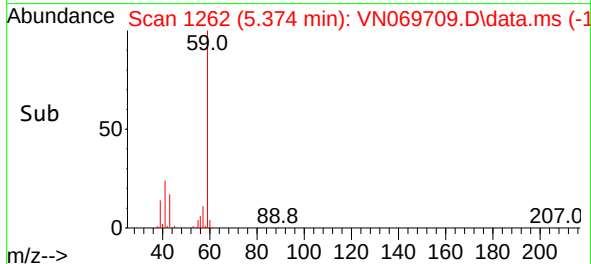
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



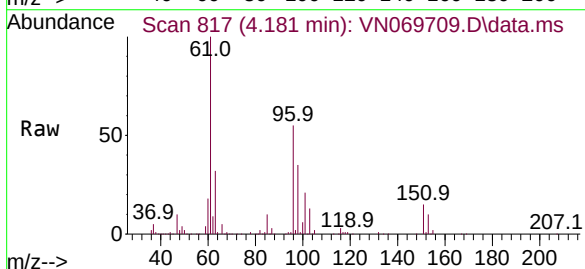
Tgt Ion: 59 Resp: 69255
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

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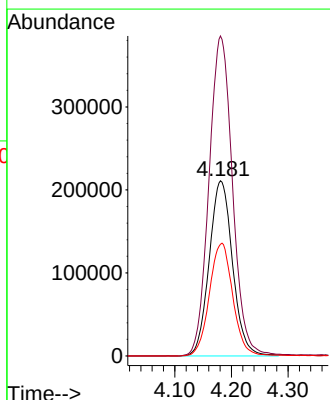
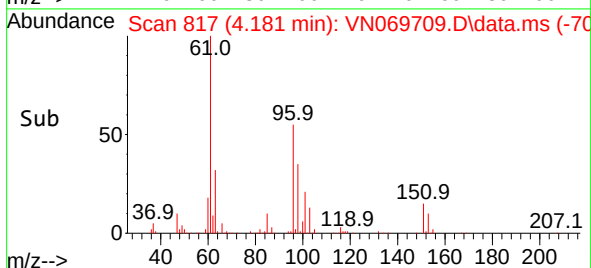
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

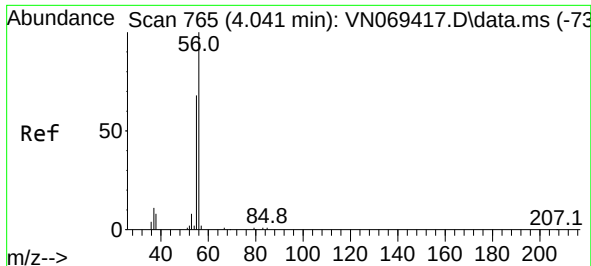


#12
1,1-Dichloroethene
Concen: 52.457 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



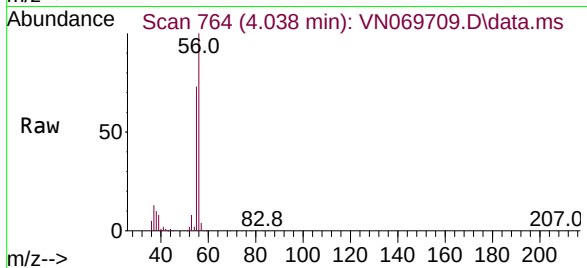
Tgt Ion: 96 Resp: 606210
Ion Ratio Lower Upper
96 100
61 182.7 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 209.619 ug/l
RT: 4.038 min Scan# 709
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

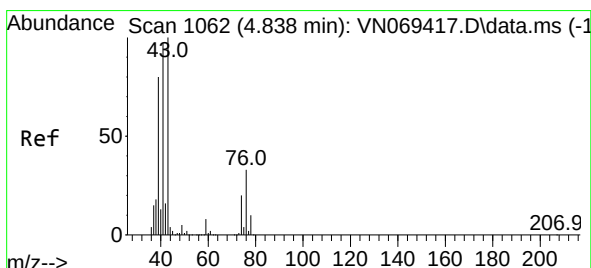
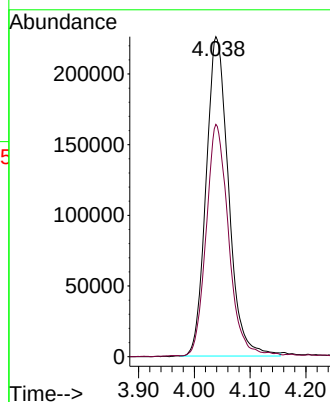
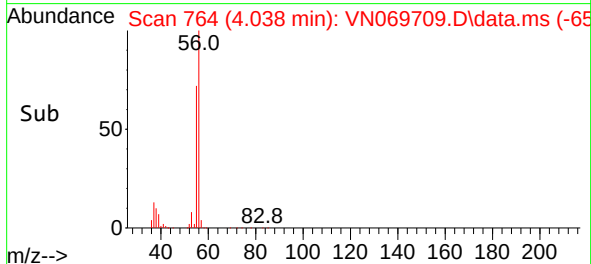
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



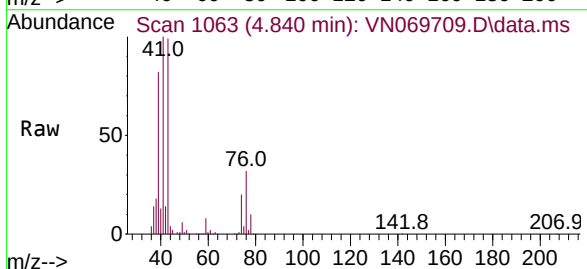
Tgt Ion: 56 Resp: 632064
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0

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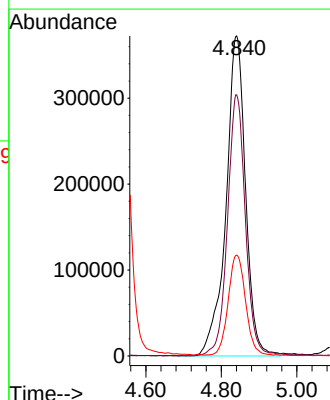
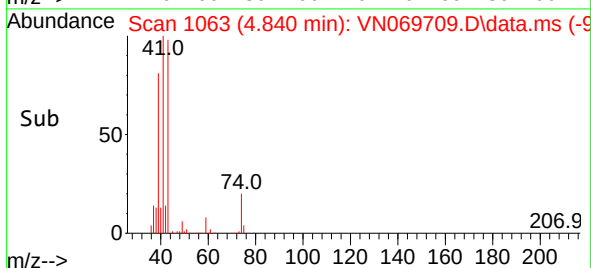
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

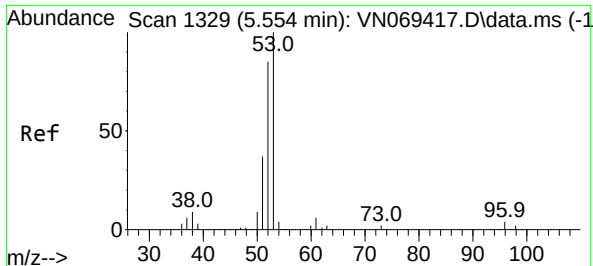


#14
Allyl chloride
Concen: 51.465 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



Tgt Ion: 41 Resp: 1340176
Ion Ratio Lower Upper
41 100
39 74.5 61.2 91.8
76 27.6 26.0 39.0





#15

Acrylonitrile

Concen: 221.759 ug/l

RT: 5.554 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 211584

Ion Ratio Lower Upper

53 100

52 84.6 66.2 99.2

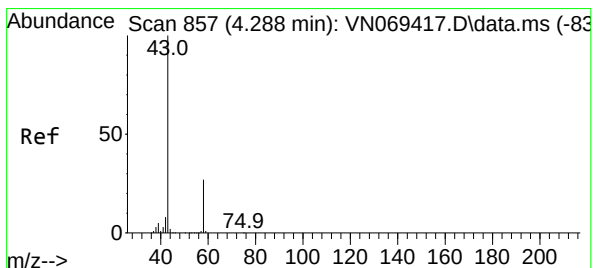
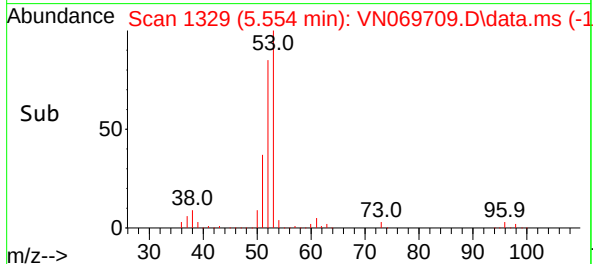
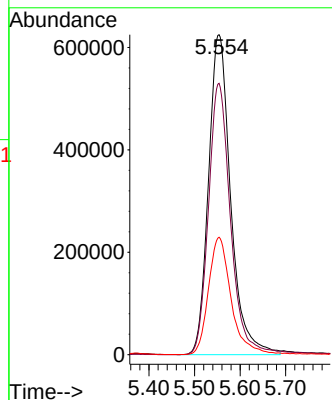
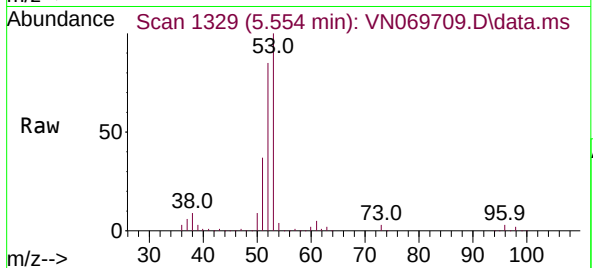
51 37.4 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#16

Acetone

Concen: 263.806 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN069709.D

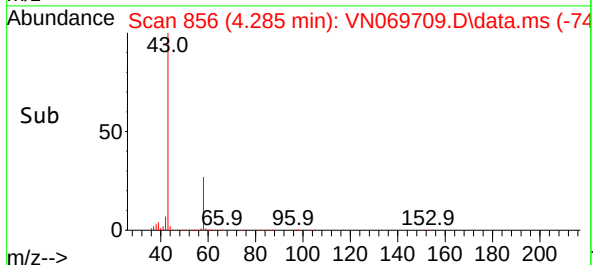
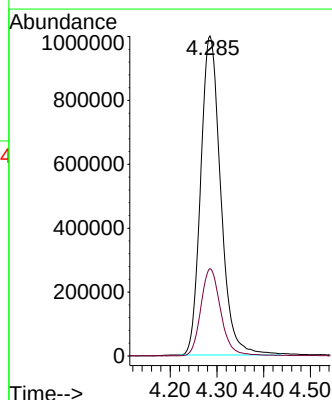
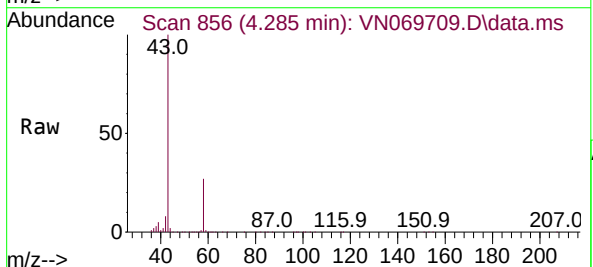
Acq: 3 Dec 2021 10:18

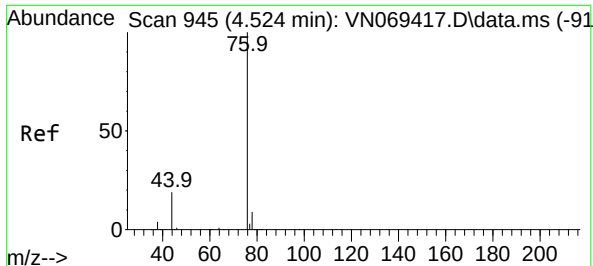
Tgt Ion: 43 Resp: 2972606

Ion Ratio Lower Upper

43 100

58 27.3 23.1 34.7





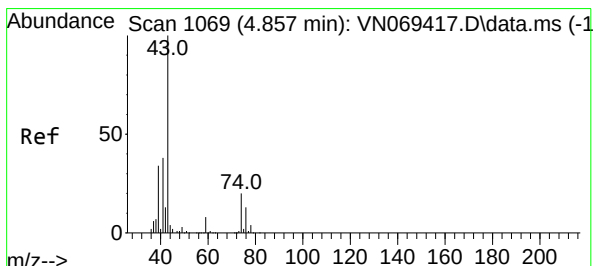
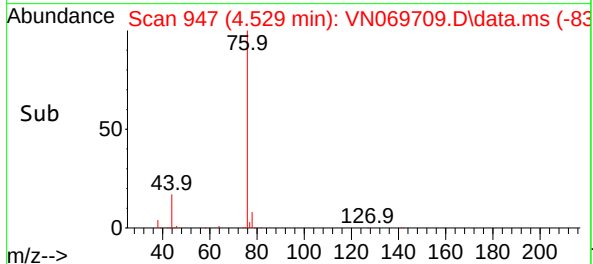
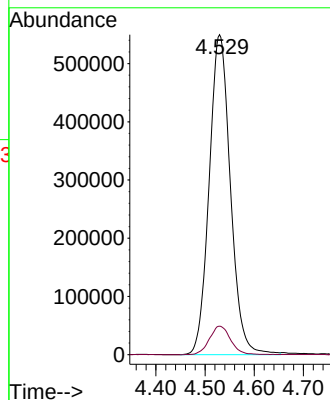
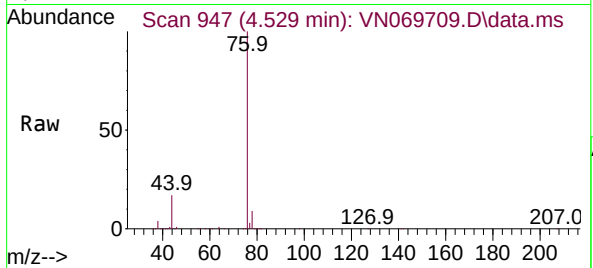
#17
Carbon Disulfide
Concen: 55.269 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 1650099
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

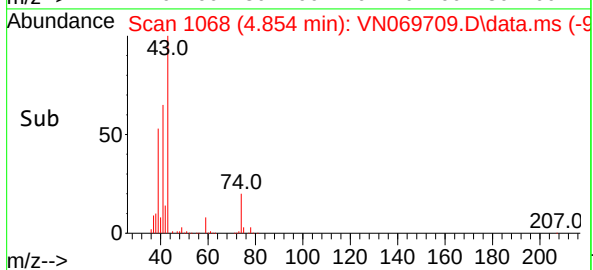
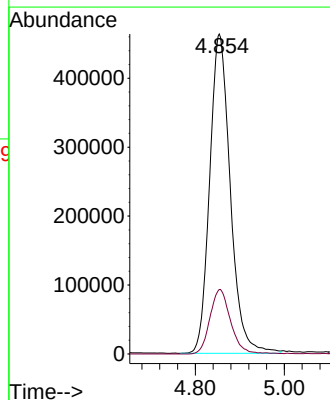
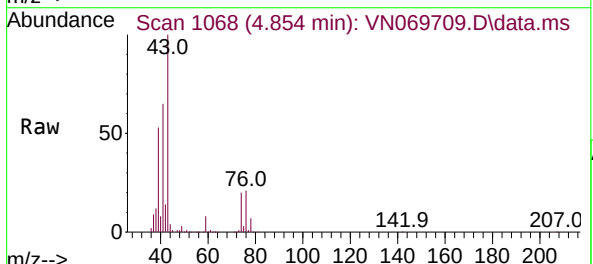
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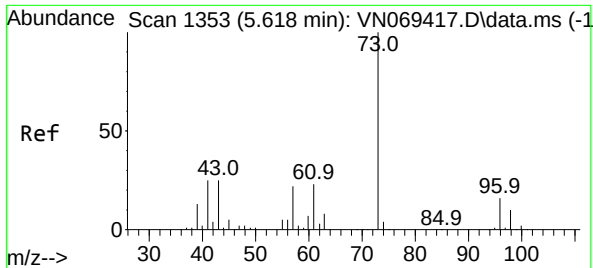
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 43.812 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion: 43 Resp: 1490157
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.542 ug/l

RT: 5.615 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 231597

Ion Ratio Lower Upper

73 100

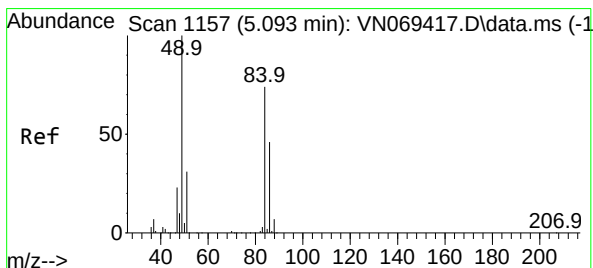
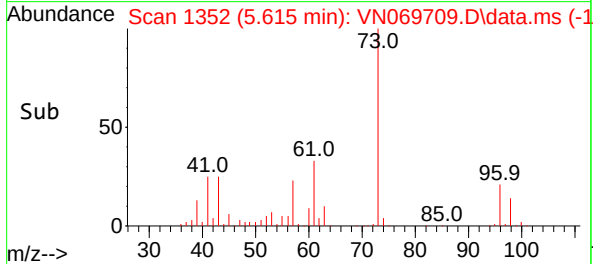
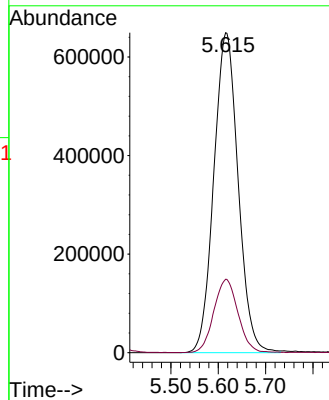
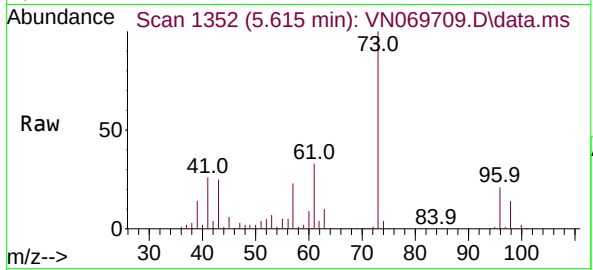
57 22.9 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 48.845 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Tgt Ion: 84 Resp: 731678

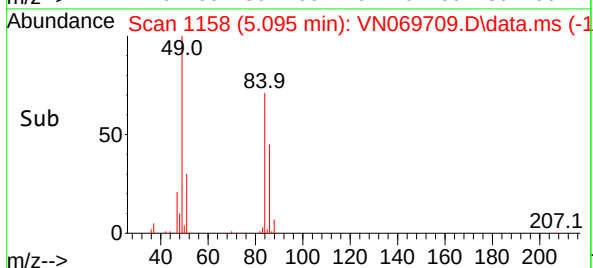
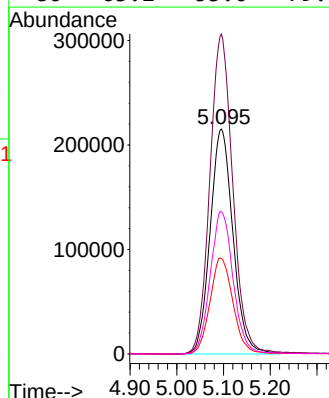
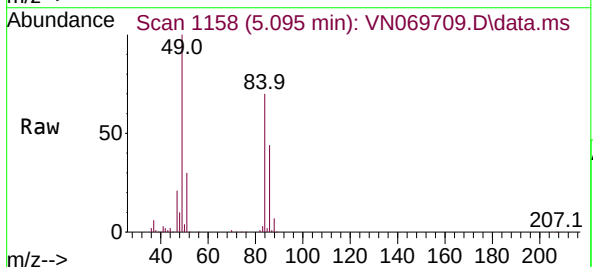
Ion Ratio Lower Upper

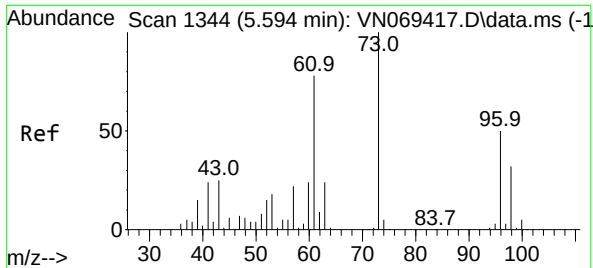
84 100

49 142.3 93.5 140.3#

51 42.5 29.4 44.2

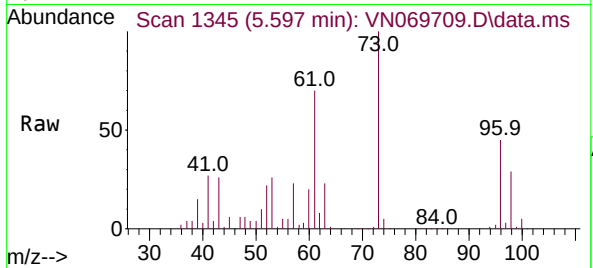
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.757 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

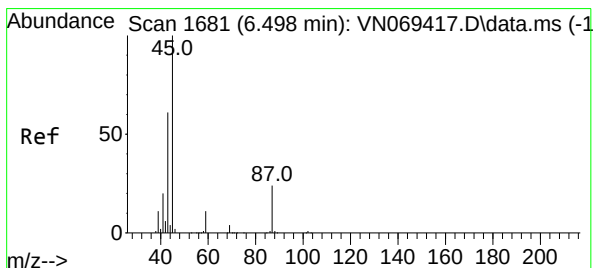
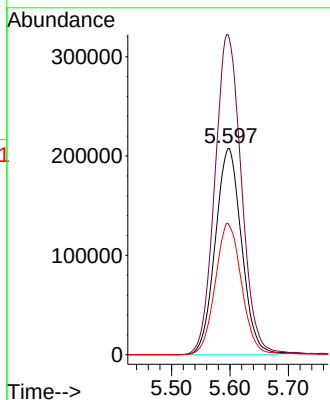
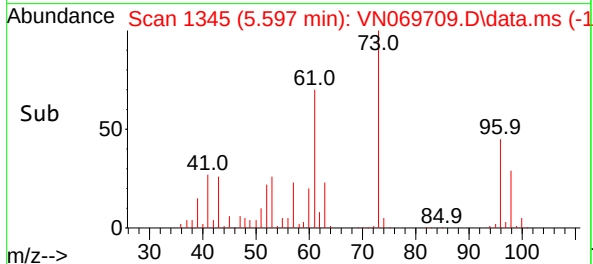
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



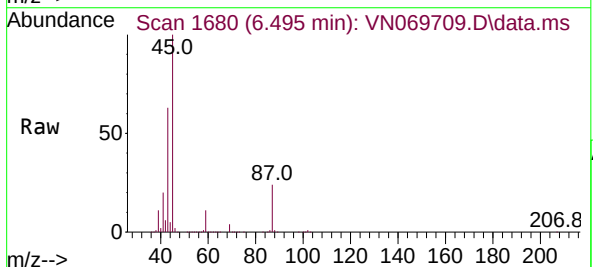
Tgt Ion: 96 Resp: 649652
Ion Ratio Lower Upper
96 100
61 155.0 105.8 158.6
98 63.6 52.0 78.0

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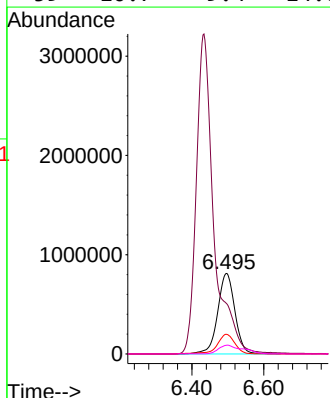
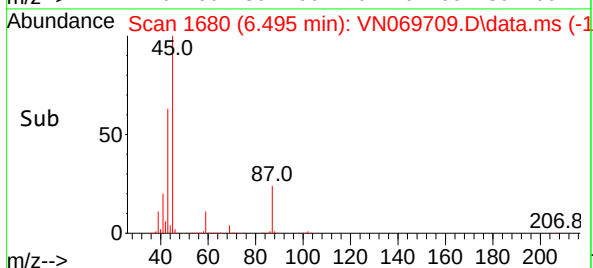
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

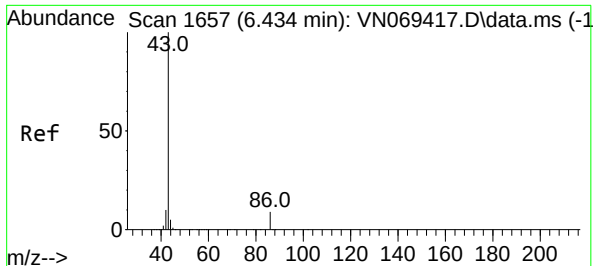


#22
Diisopropyl ether
Concen: 52.839 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



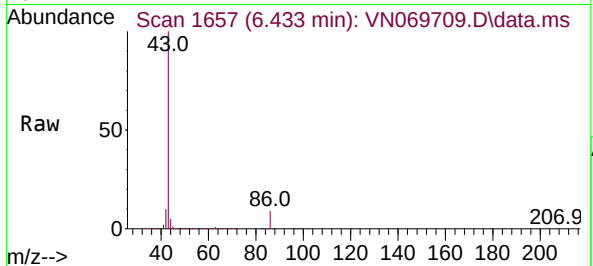
Tgt Ion: 45 Resp: 2689383
Ion Ratio Lower Upper
45 100
43 63.0 51.7 77.5
87 24.4 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 262.765 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

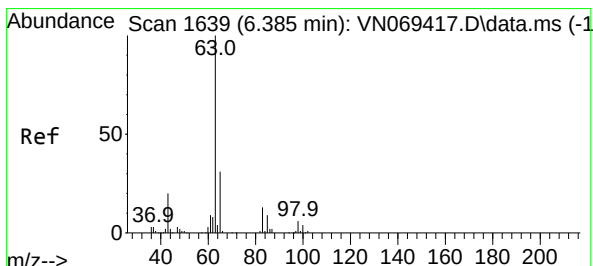
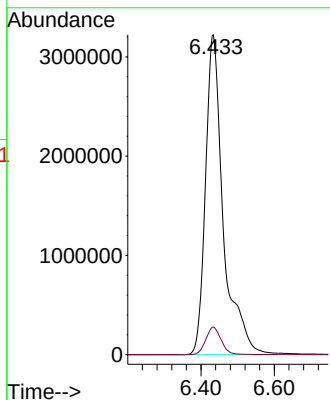
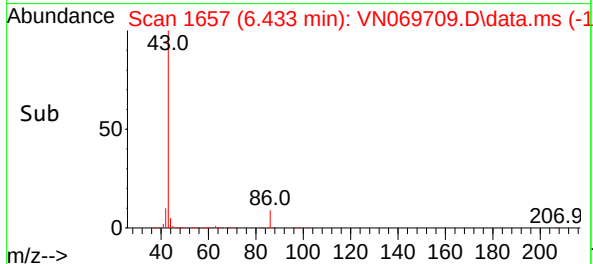
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



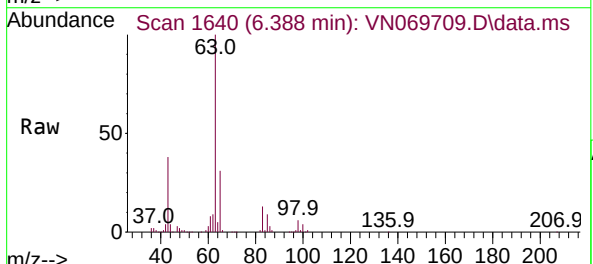
Tgt Ion: 43 Resp: 1088066
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

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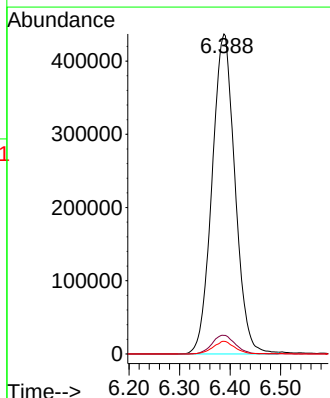
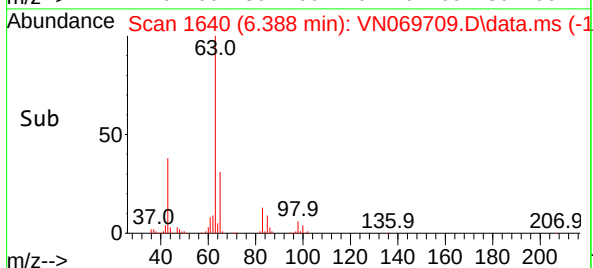
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

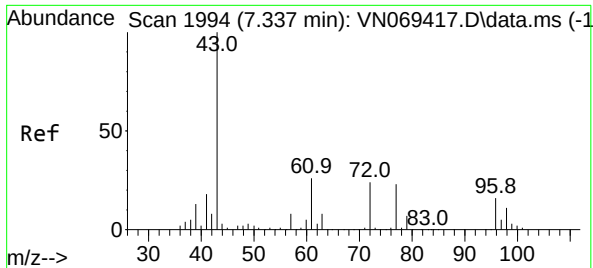


#24
 1,1-Dichloroethane
 Concen: 52.277 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18



Tgt Ion: 63 Resp: 1378305
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 234.324 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 358752

Ion Ratio Lower Upper

43 100

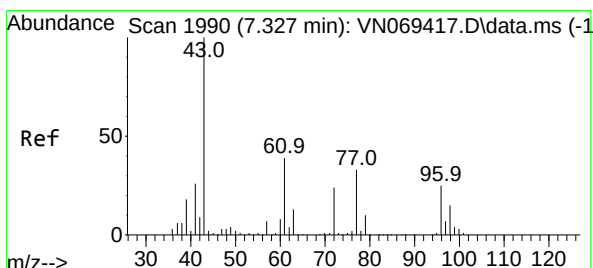
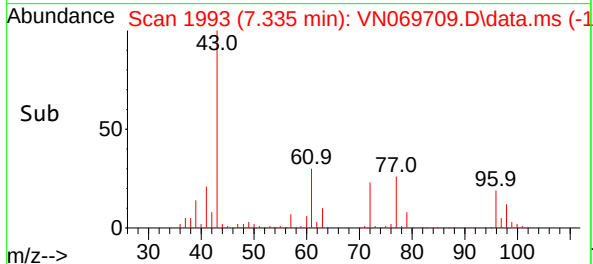
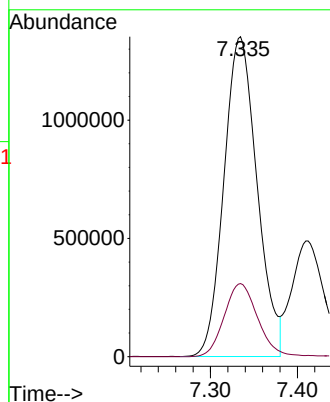
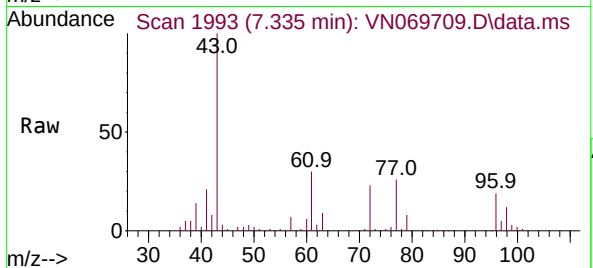
72 22.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 55.479 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069709.D

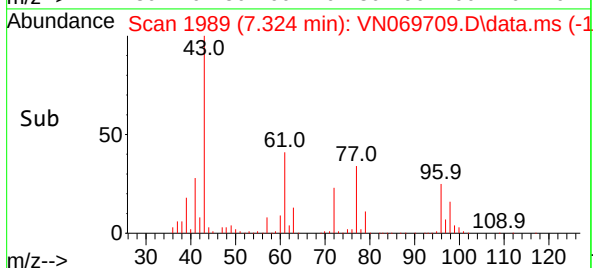
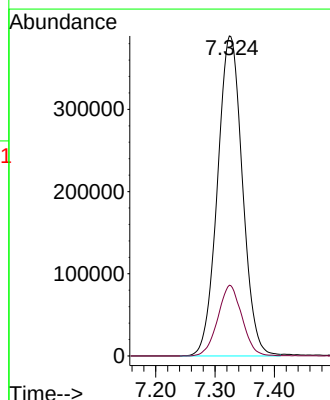
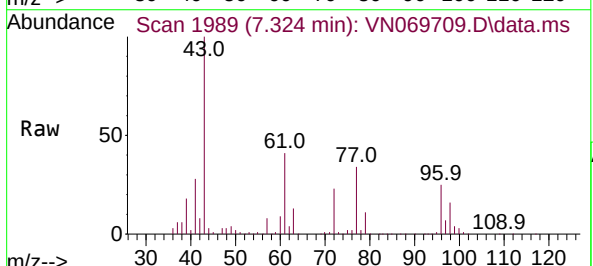
Acq: 3 Dec 2021 10:18

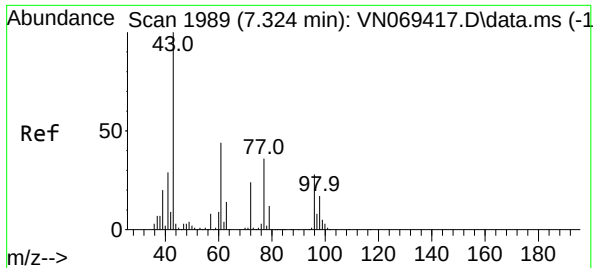
Tgt Ion: 77 Resp: 1137294

Ion Ratio Lower Upper

77 100

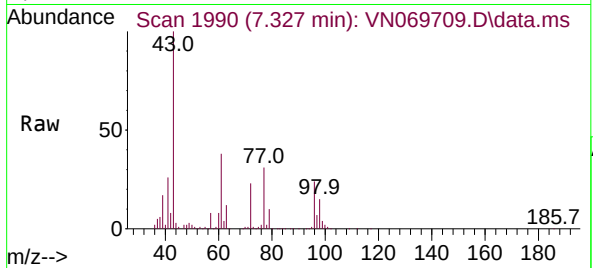
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.910 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

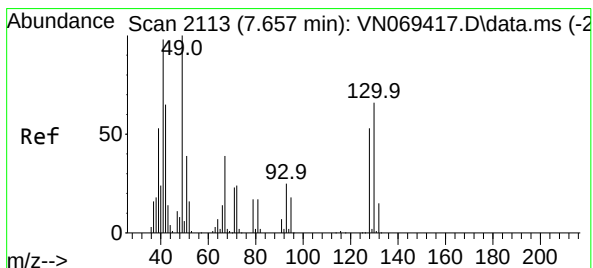
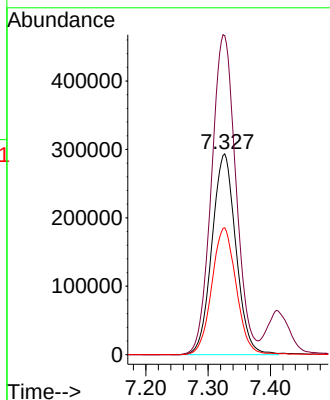
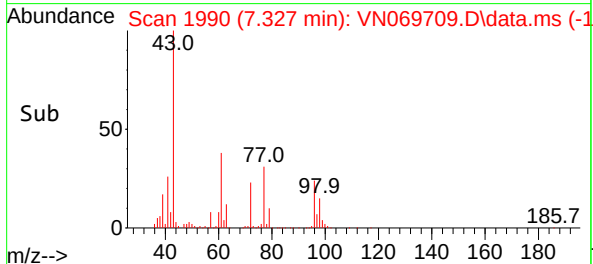
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 78722
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 275.0
 98 63.9 0.0 129.6

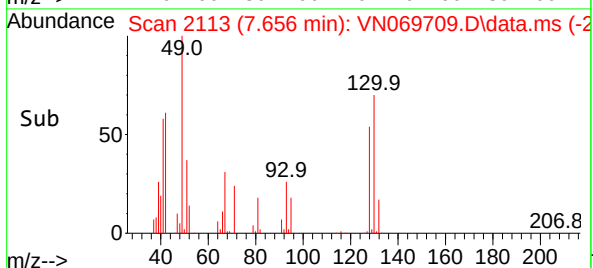
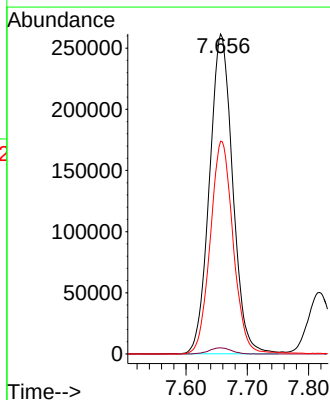
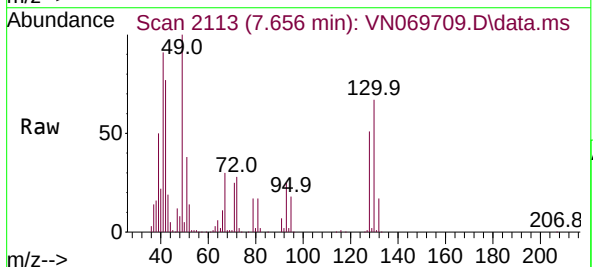
Manual Integrations
 APPROVED

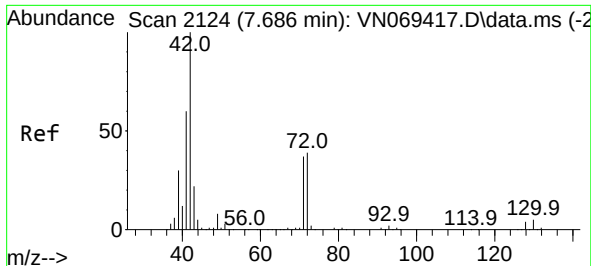
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#28
 Bromochloromethane
 Concen: 50.146 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

Tgt Ion: 49 Resp: 687521
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 65.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 218.951 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 203551

Ion Ratio Lower Upper

42 100

72 37.9 36.3 54.5

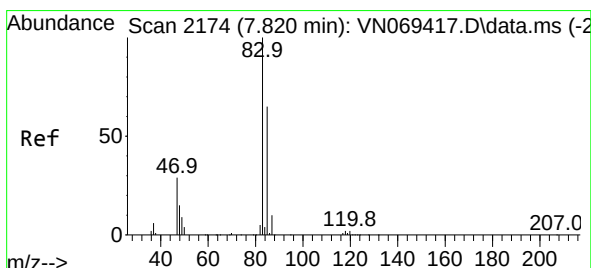
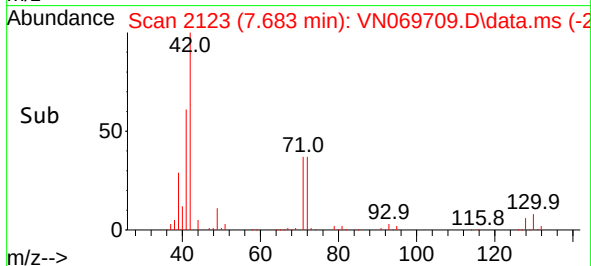
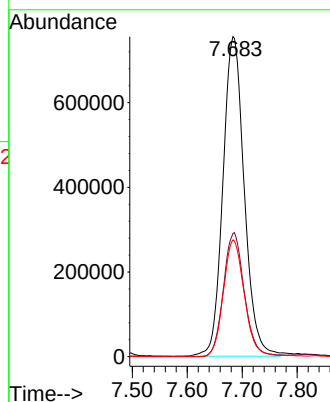
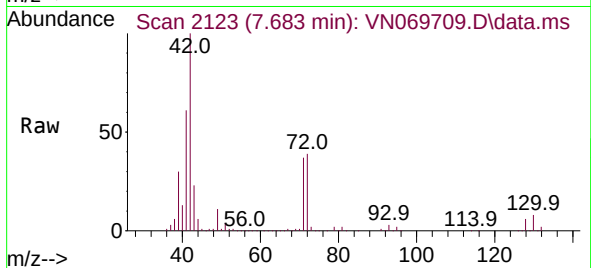
71 35.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 51.688 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069709.D

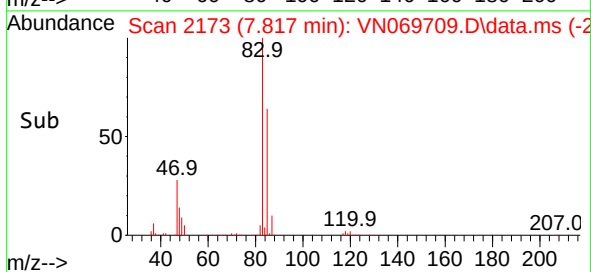
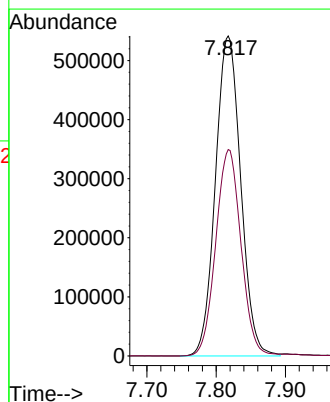
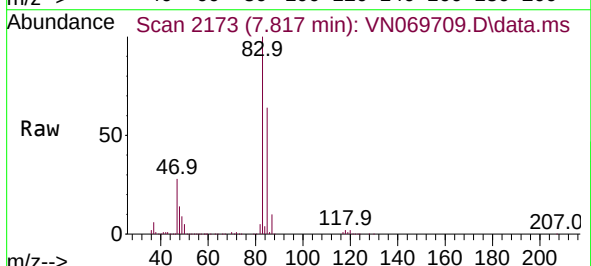
Acq: 3 Dec 2021 10:18

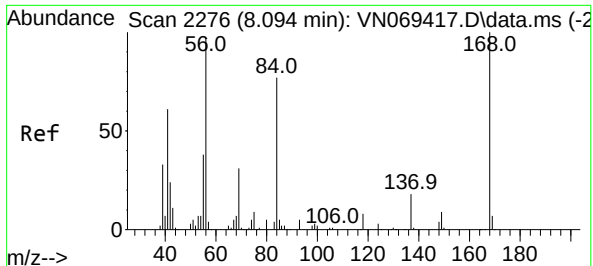
Tgt Ion: 83 Resp: 1376322

Ion Ratio Lower Upper

83 100

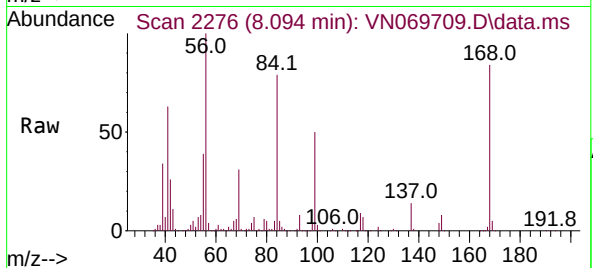
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 52.209 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

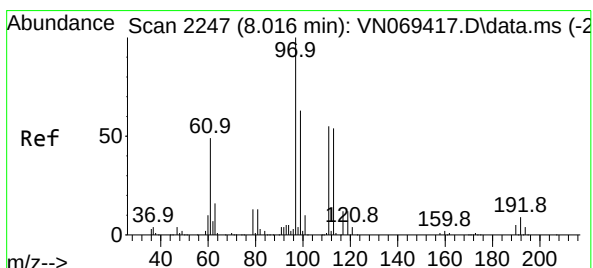
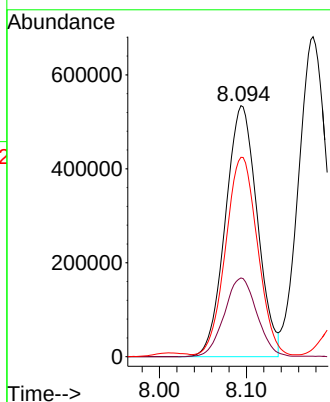
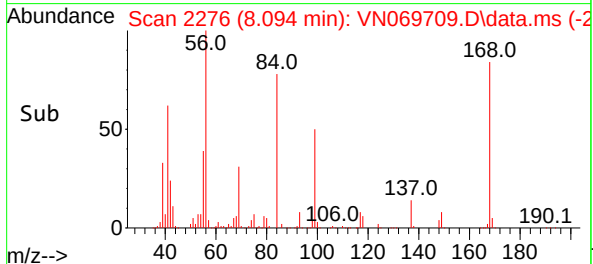
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



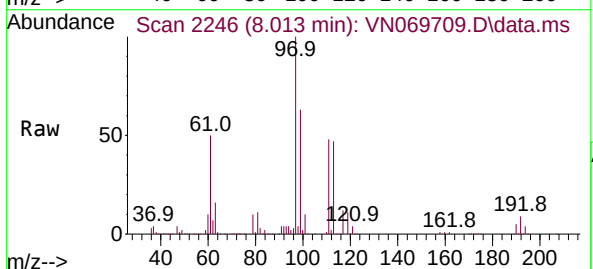
Tgt Ion: 56 Resp: 136099
Ion Ratio Lower Upper
56 100
69 31.3 27.1 40.7
84 78.1 73.4 110.0

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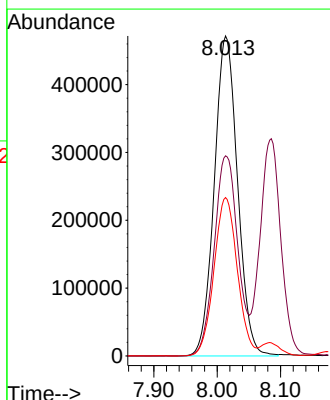
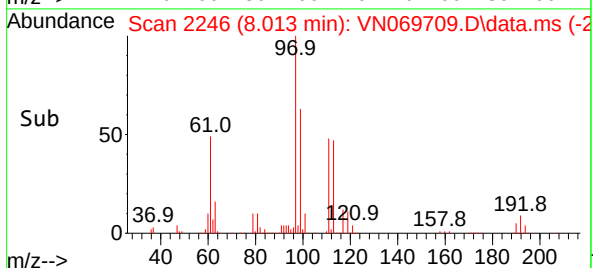
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

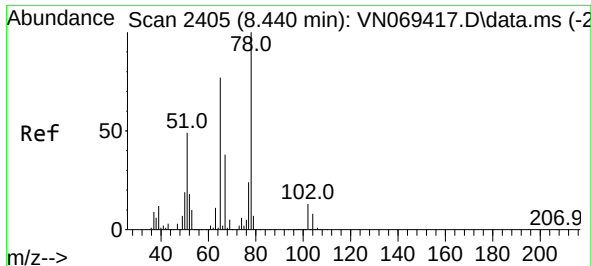


#32
1,1,1-Trichloroethane
Concen: 53.174 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



Tgt Ion: 97 Resp: 1206076
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 49.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.488 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 870810

Ion Ratio Lower Upper

65 100

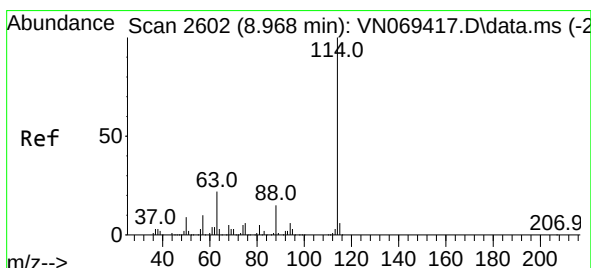
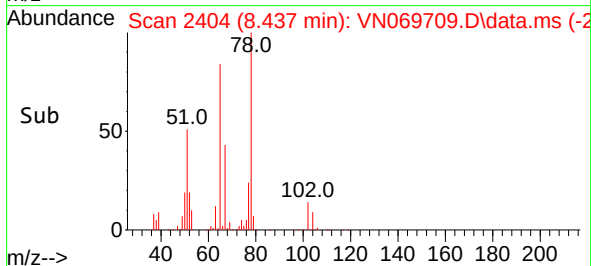
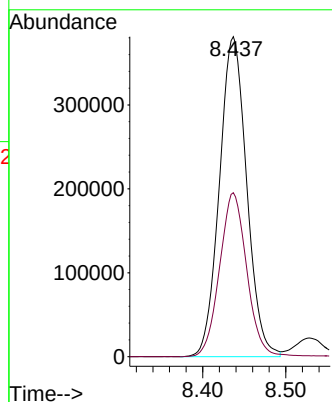
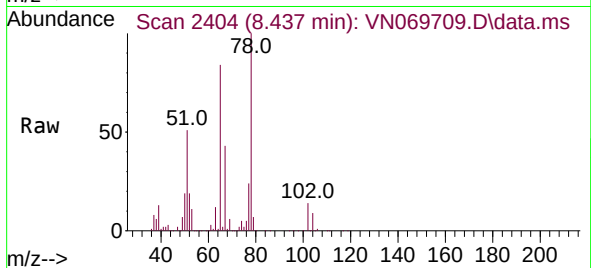
67 51.3 0.0 103.0

Manual Integrations

APPROVED

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: VN069709.D

Acq: 3 Dec 2021 10:18

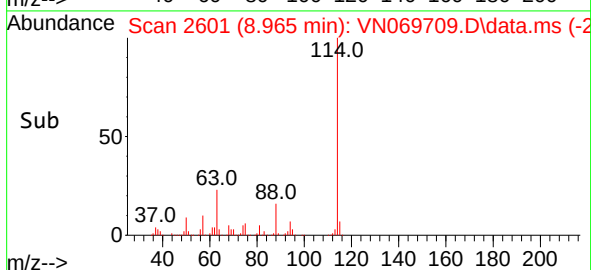
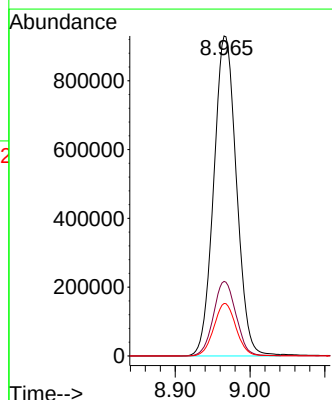
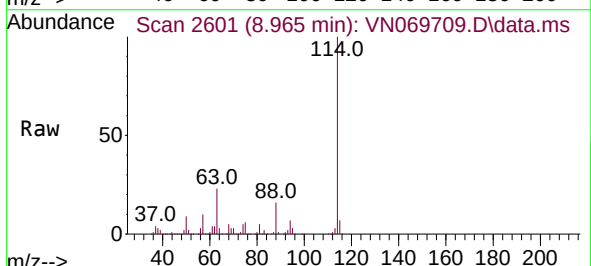
Tgt Ion:114 Resp: 1960818

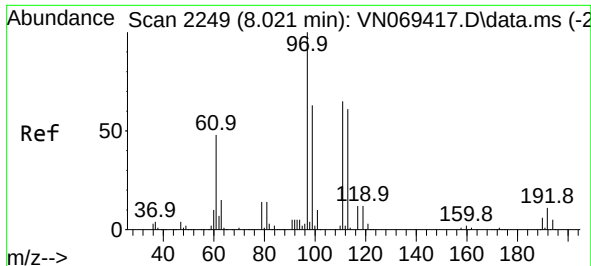
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 16.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.137 ug/l

RT: 8.018 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN069709.D

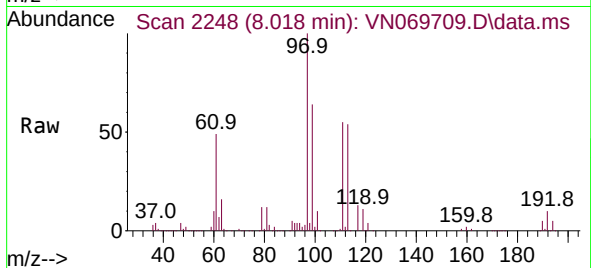
Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 60351

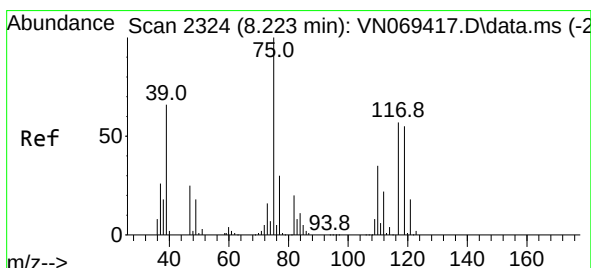
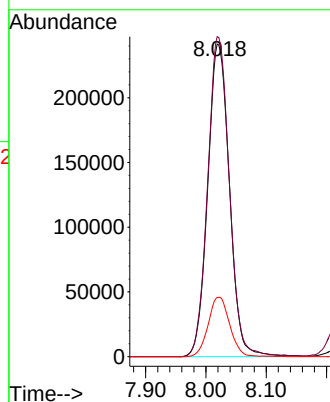
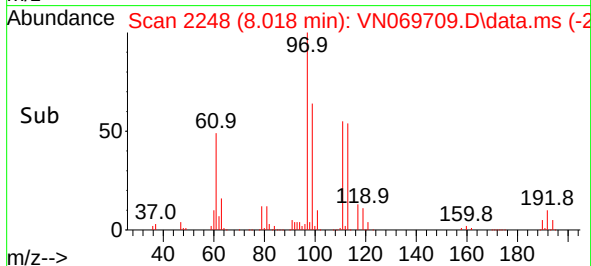
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	18.9	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#36

1,1-Dichloropropene

Concen: 55.799 ug/l

RT: 8.220 min Scan# 2323

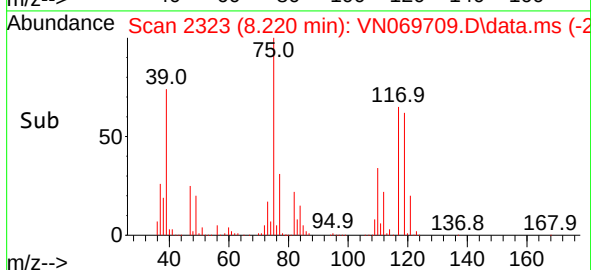
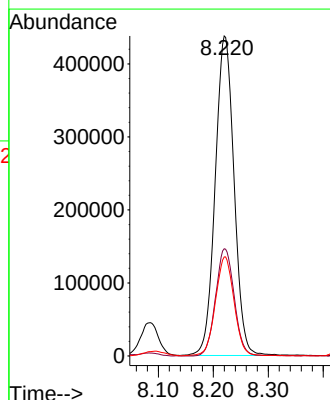
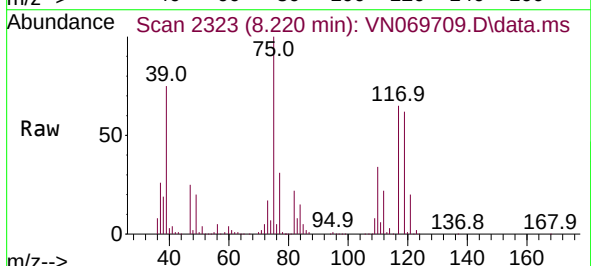
Delta R.T. -0.003 min

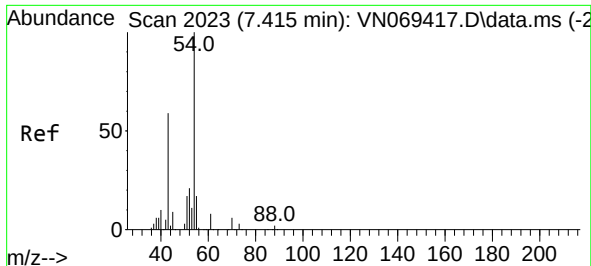
Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Tgt Ion: 75 Resp: 1041563

Ion	Ratio	Lower	Upper
75	100		
110	33.2	18.4	55.2
77	30.6	24.4	36.6





#37

Ethyl Acetate

Concen: 45.394 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 126117

Ion Ratio Lower Upper

43 100

61 12.6 11.5 17.3

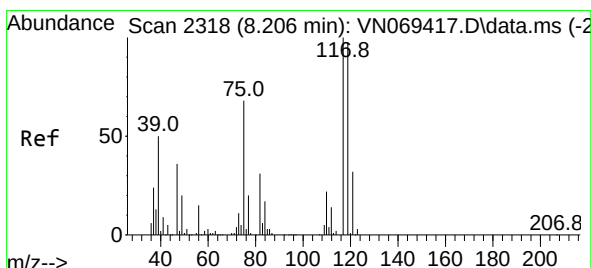
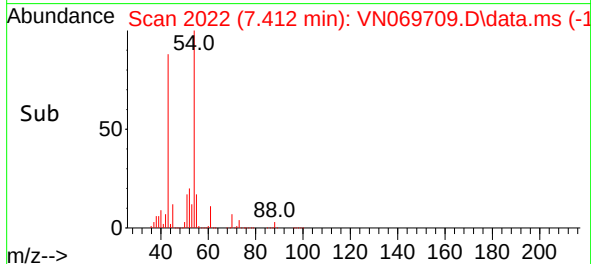
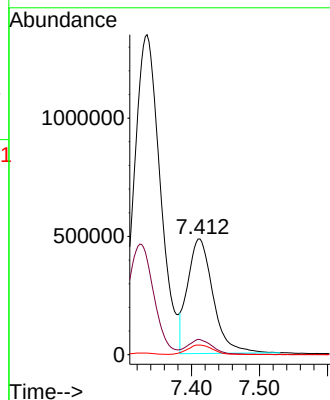
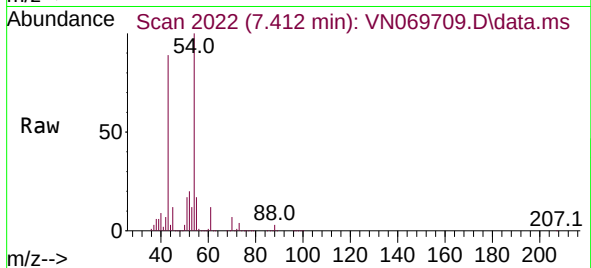
70 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 55.689 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

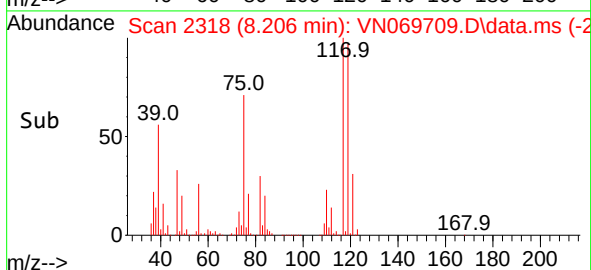
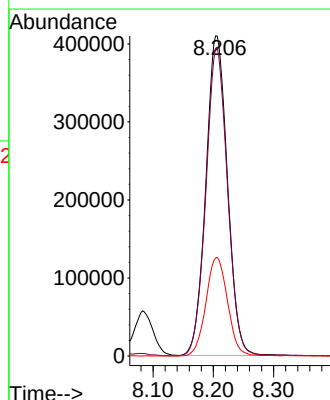
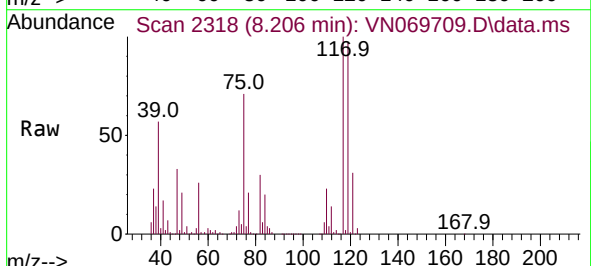
Tgt Ion:117 Resp: 1019371

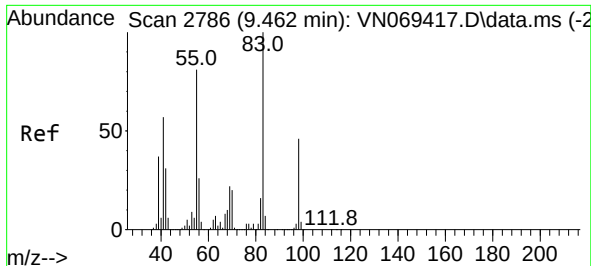
Ion Ratio Lower Upper

117 100

119 96.5 76.1 114.1

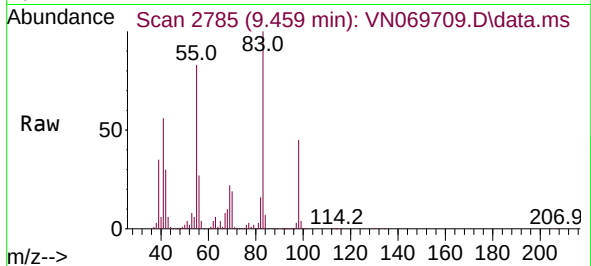
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 59.414 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

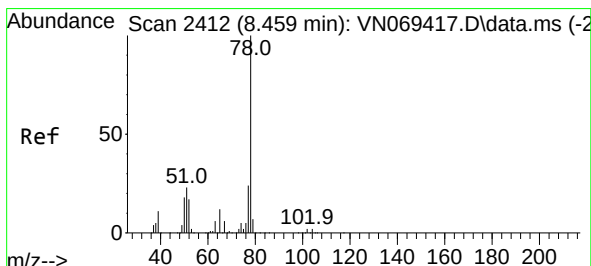
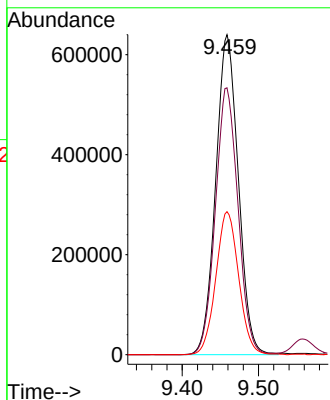
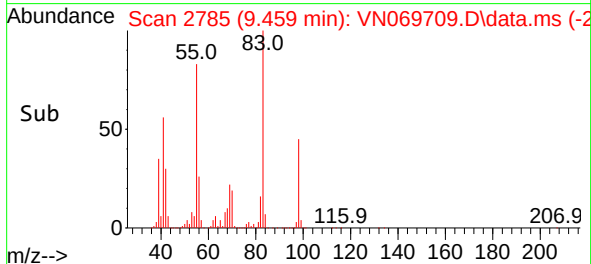
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 131918
Ion Ratio Lower Upper
83 100
55 83.4 58.1 87.1
98 44.7 38.4 57.6

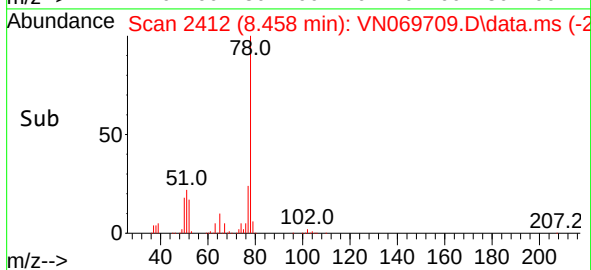
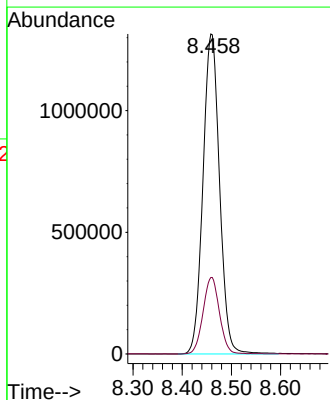
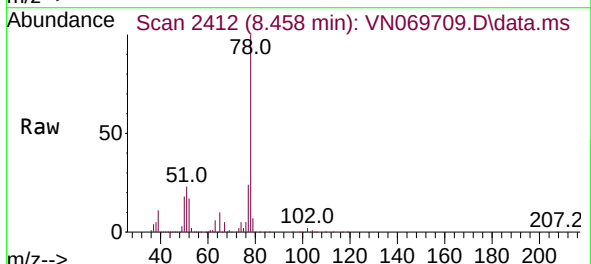
Manual Integrations
APPROVED

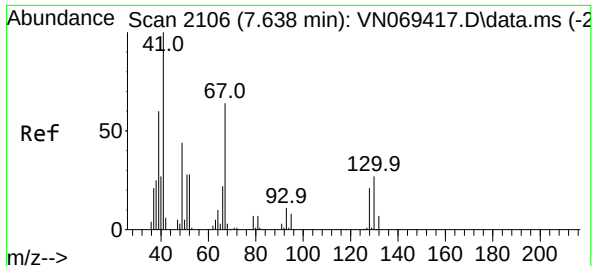
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 53.943 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

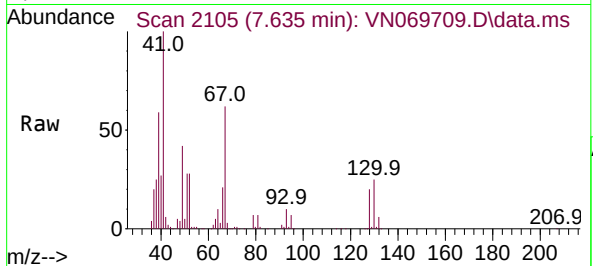
Tgt Ion: 78 Resp: 3077743
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 49.850 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

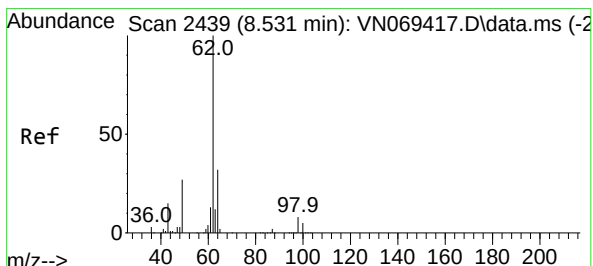
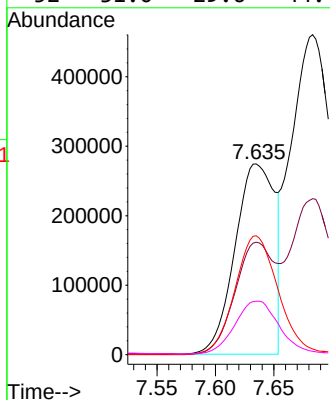
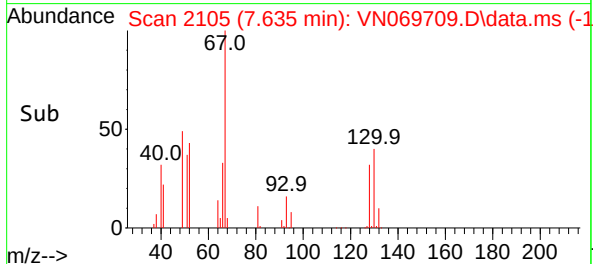
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 650139
Ion Ratio Lower Upper
41 100
39 57.9 48.1 72.1
67 68.5 68.3 102.5
52 31.0 29.6 44.4

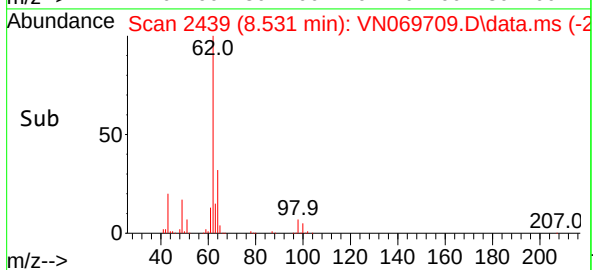
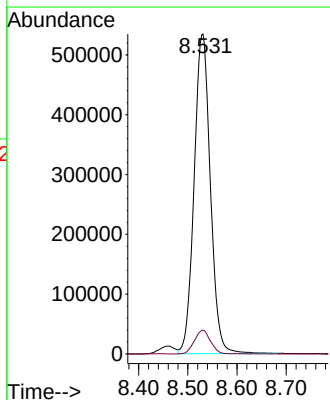
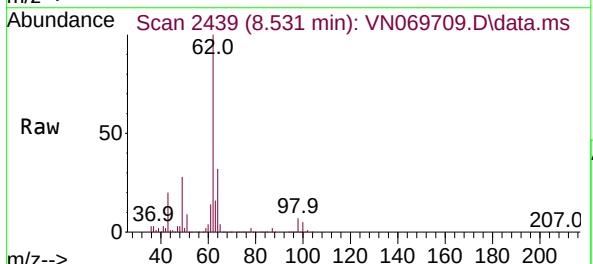
Manual Integrations
APPROVED

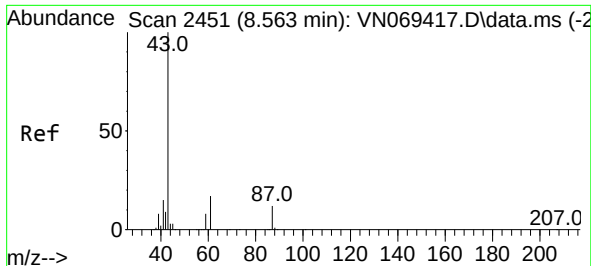
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 53.173 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

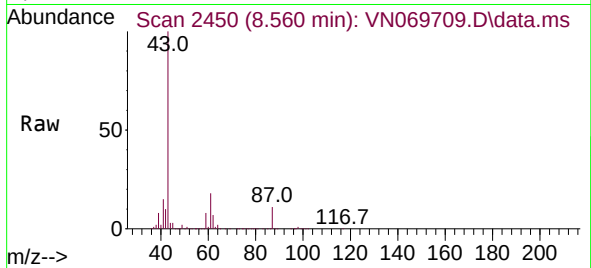
Tgt Ion: 62 Resp: 1224702
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.201 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

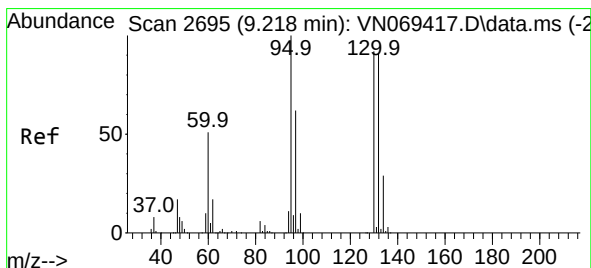
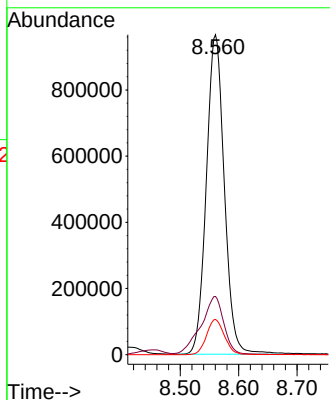
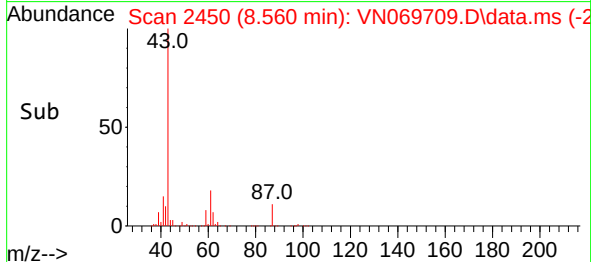
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 206394
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.0 11.2 16.8

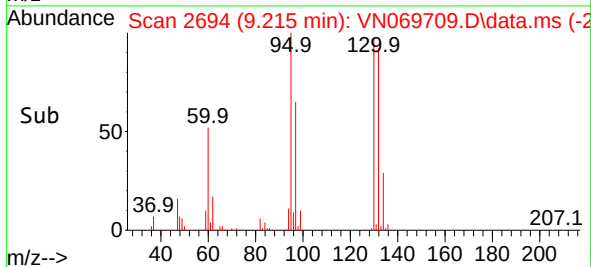
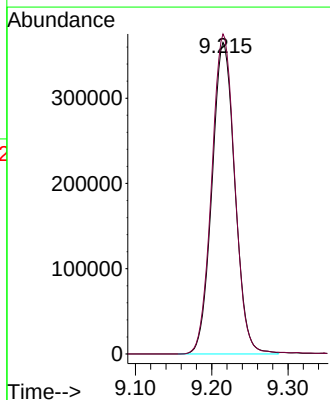
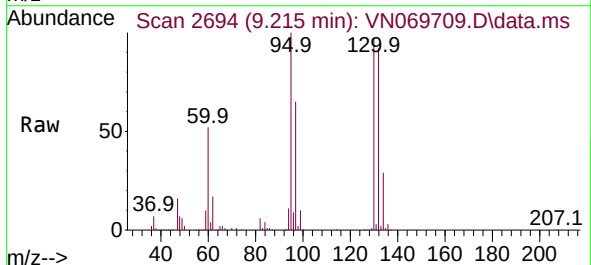
Manual Integrations
APPROVED

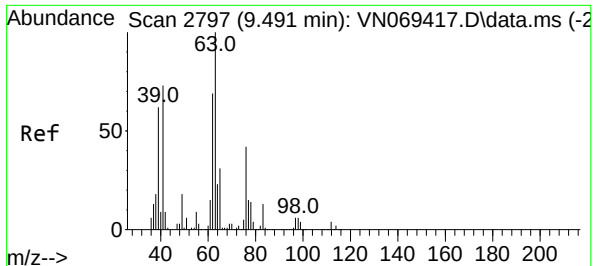
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 55.848 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion:130 Resp: 760541
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 53.971 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 82692

Ion Ratio Lower Upper

63 100

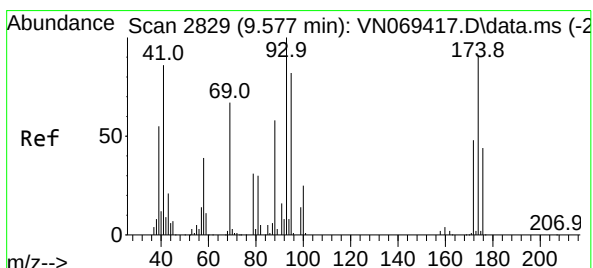
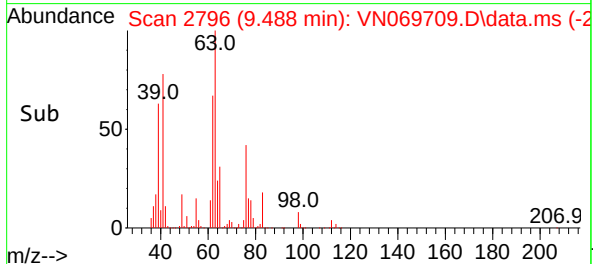
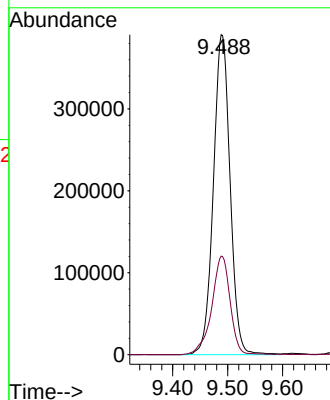
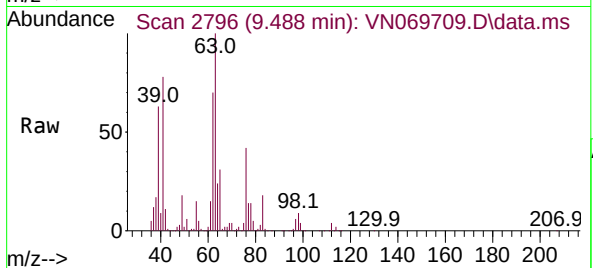
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 53.622 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

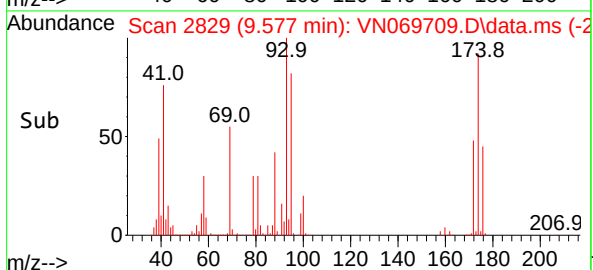
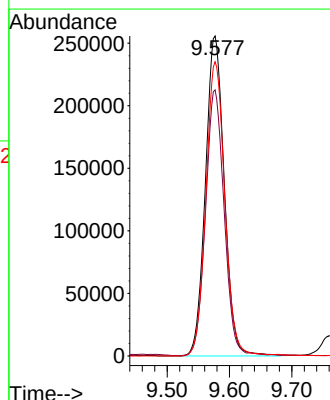
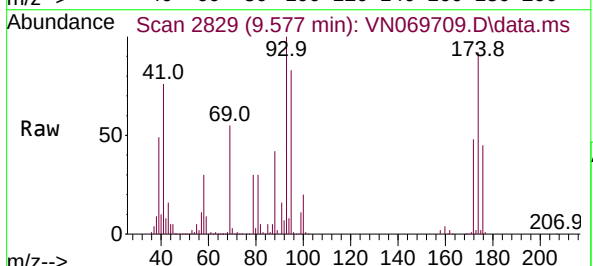
Tgt Ion: 93 Resp: 538819

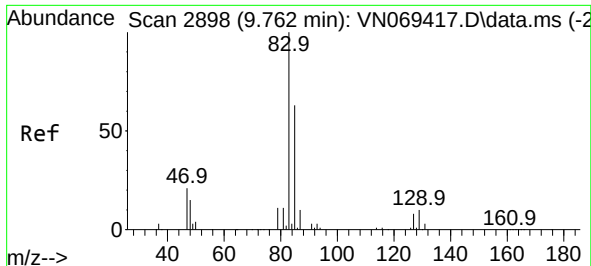
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

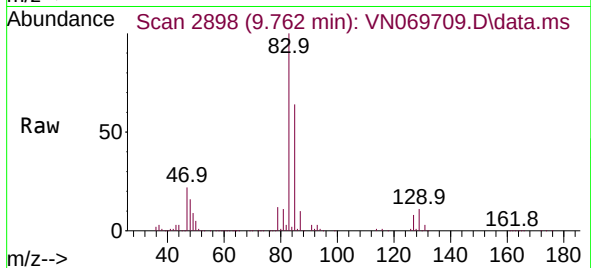
174 92.2 84.6 127.0





#47
Bromodichloromethane
Concen: 55.939 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

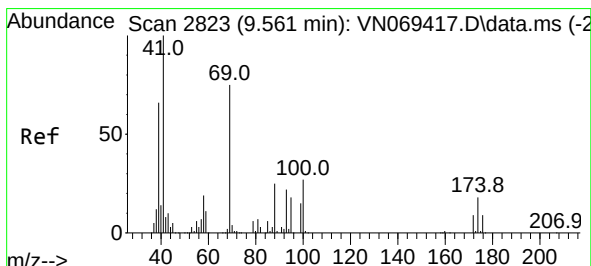
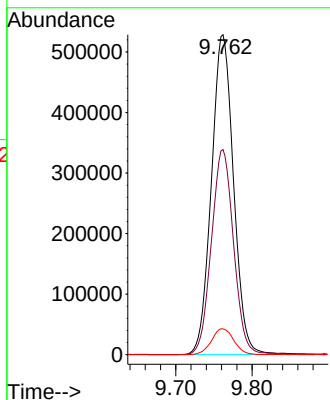
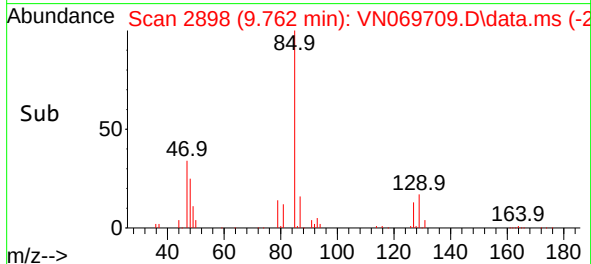
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 1064244
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.1 7.1 10.7

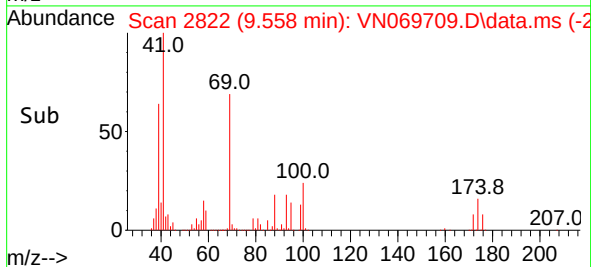
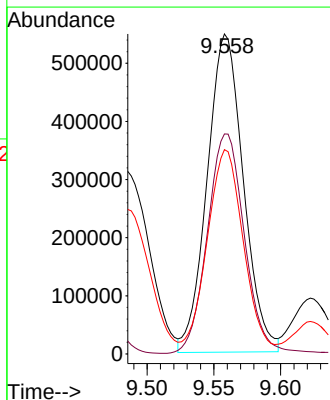
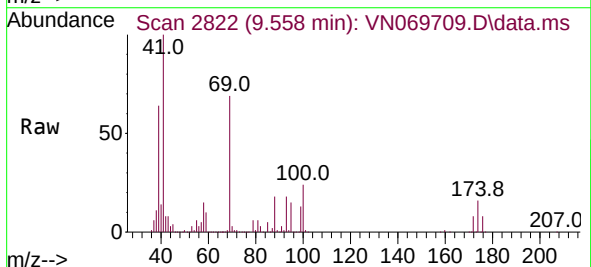
Manual Integrations
APPROVED

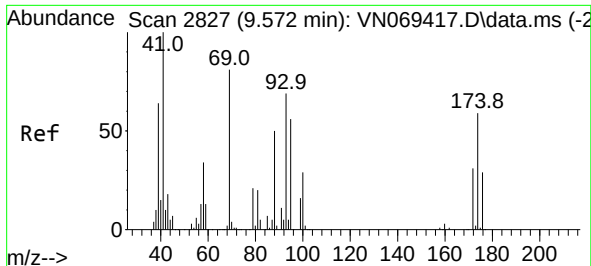
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 53.895 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

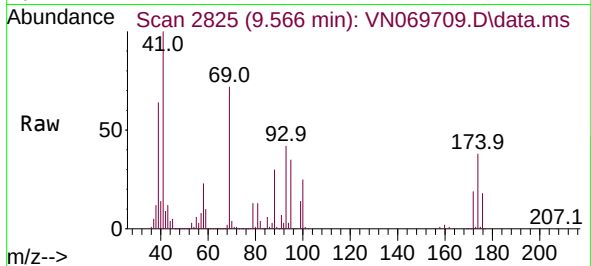
Tgt Ion: 41 Resp: 1034079
Ion Ratio Lower Upper
41 100
69 70.9 72.4 108.6
39 58.8 58.4 87.6





#49
1,4-Dioxane
Concen: 840.151 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.005 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

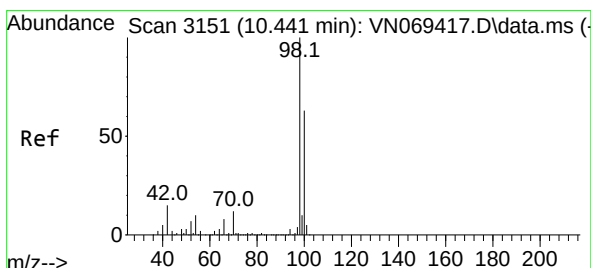
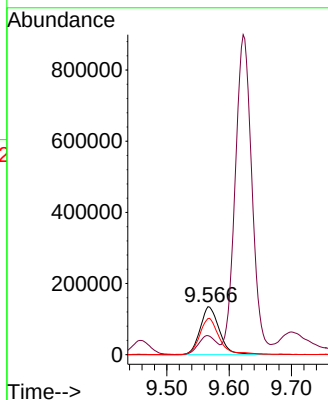
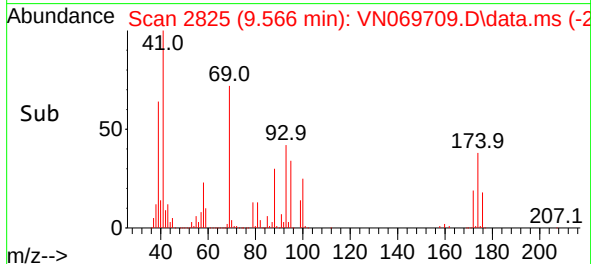
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 289238
Ion Ratio Lower Upper
88 100
43 36.0 23.4 35.2
58 77.8 50.6 75.8

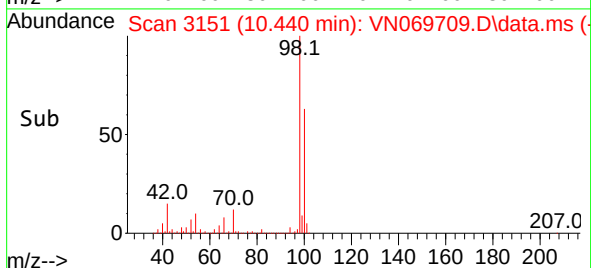
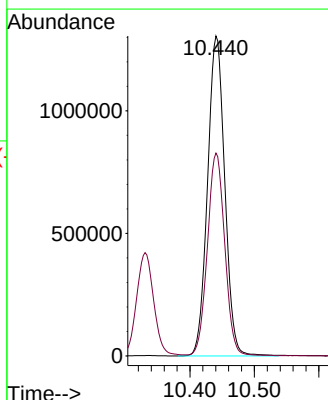
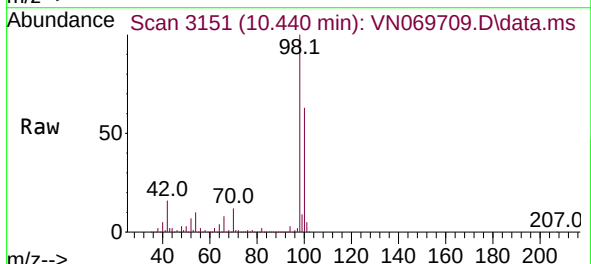
Manual Integrations
APPROVED

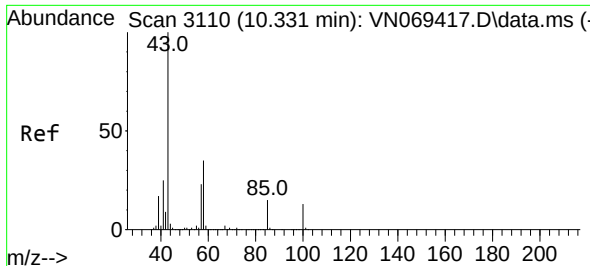
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 49.137 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion: 98 Resp: 2423303
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





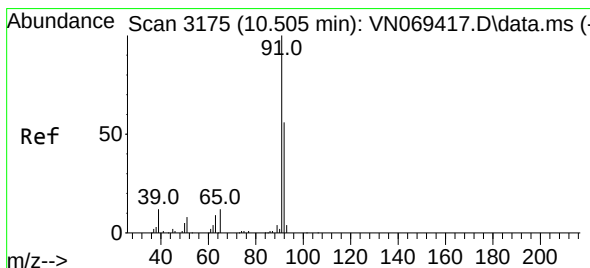
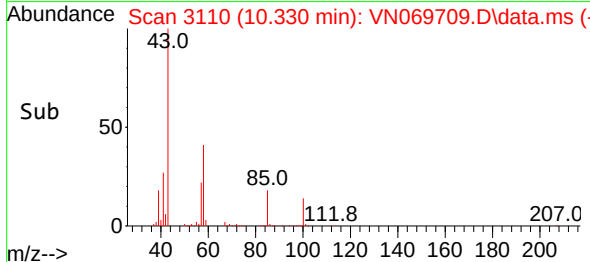
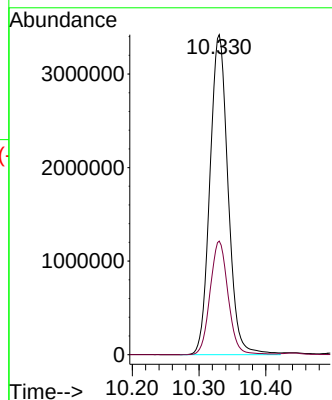
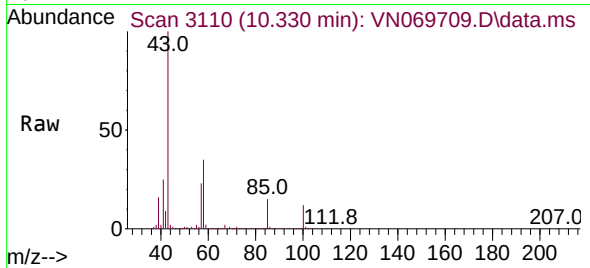
#51
4-Methyl-2-Pentanone
Concen: 242.079 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 645660
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

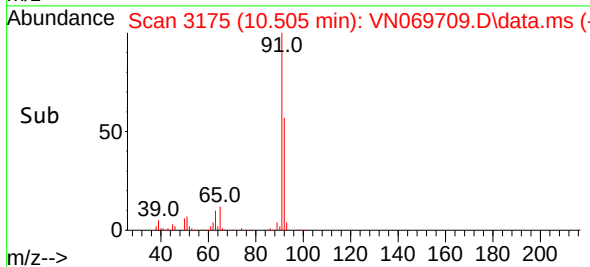
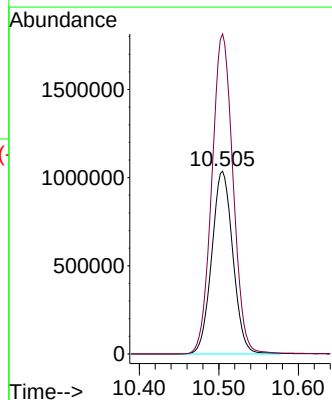
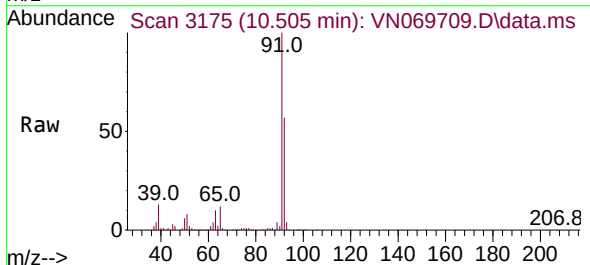
Manual Integrations
APPROVED

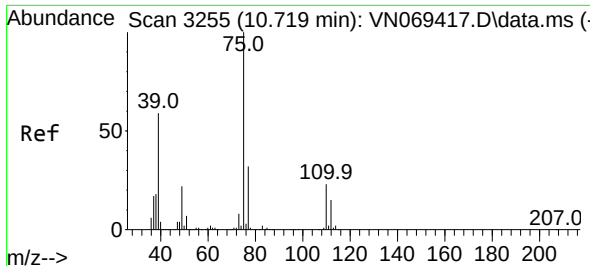
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 54.935 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

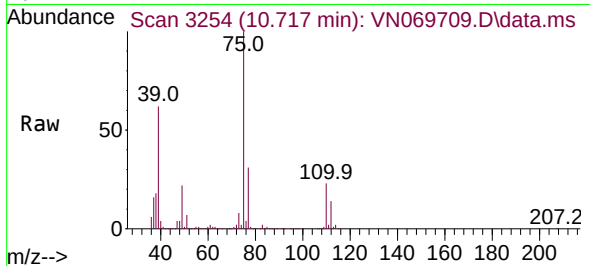
Tgt Ion: 92 Resp: 1913588
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 51.423 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

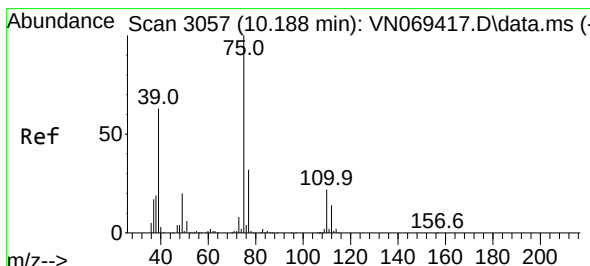
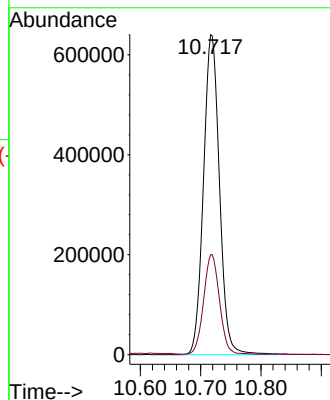
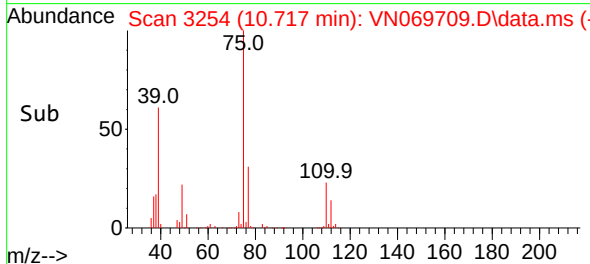
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



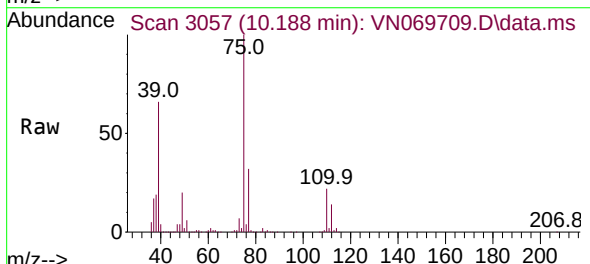
Tgt Ion: 75 Resp: 1178789
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

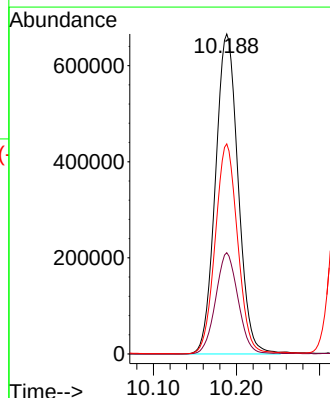
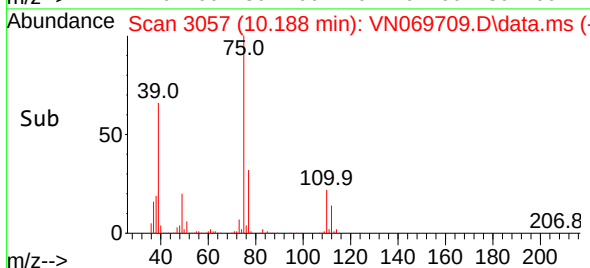
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

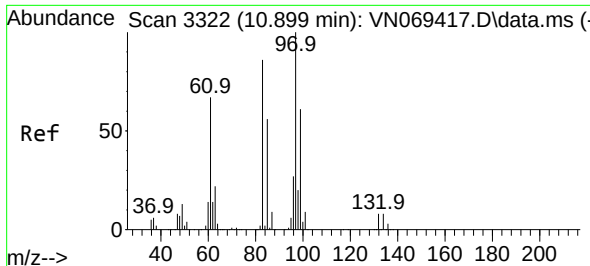


#54
cis-1,3-Dichloropropene
Concen: 52.516 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



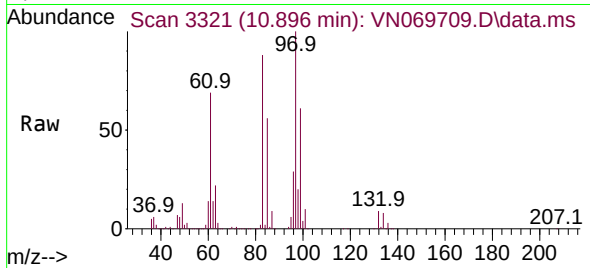
Tgt Ion: 75 Resp: 1263886
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 65.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.433 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

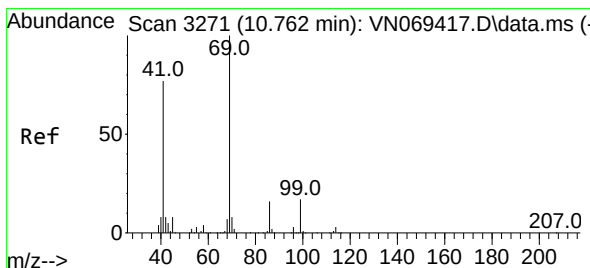
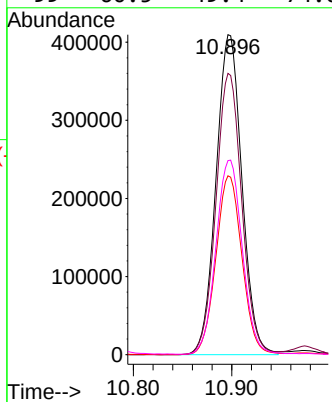
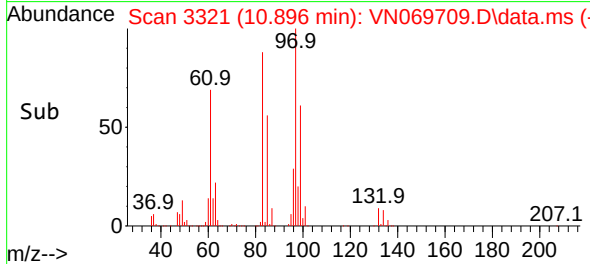
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



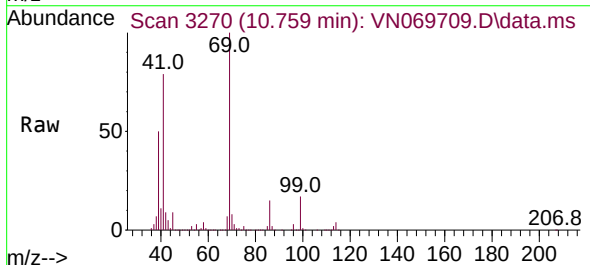
Tgt Ion: 97 Resp: 750979
Ion Ratio Lower Upper
97 100
83 87.9 67.8 101.6
85 55.9 45.4 68.2
99 60.5 49.4 74.0

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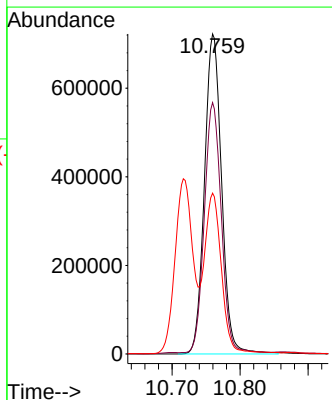
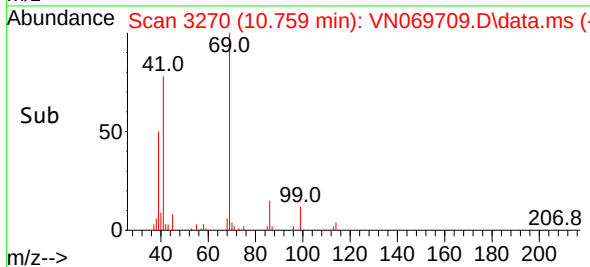
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

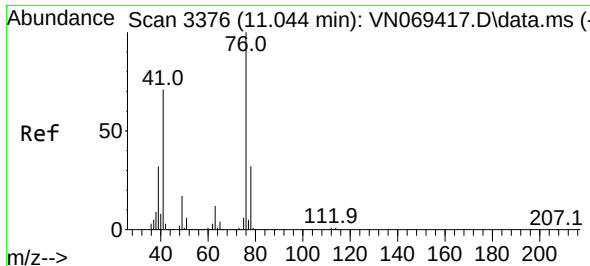


#56
Ethyl methacrylate
Concen: 47.849 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



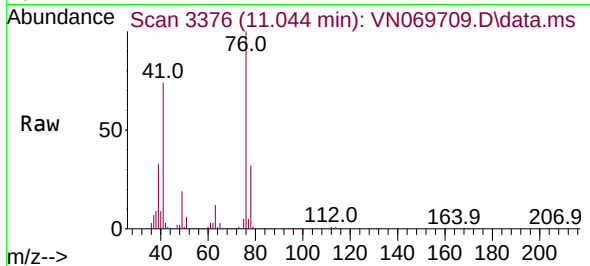
Tgt Ion: 69 Resp: 1266182
Ion Ratio Lower Upper
69 100
41 77.0 51.4 77.0
39 48.2 34.6 52.0





#57
1,3-Dichloropropane
Concen: 53.180 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

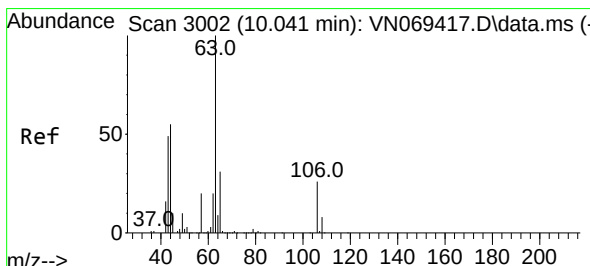
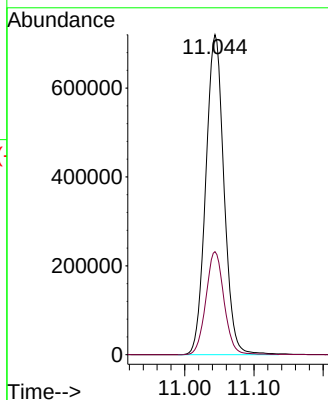
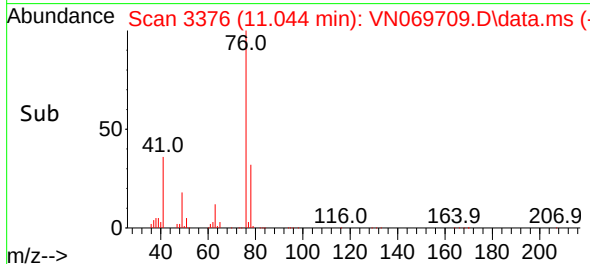
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



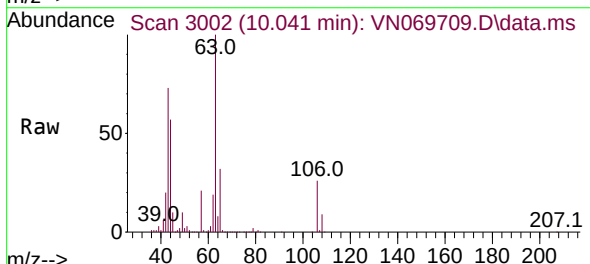
Tgt Ion: 76 Resp: 1316074
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

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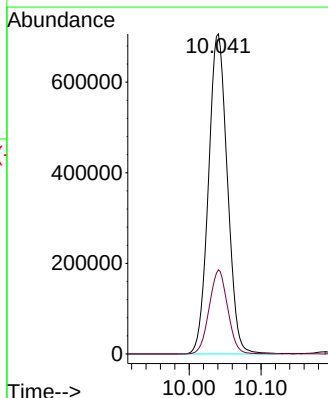
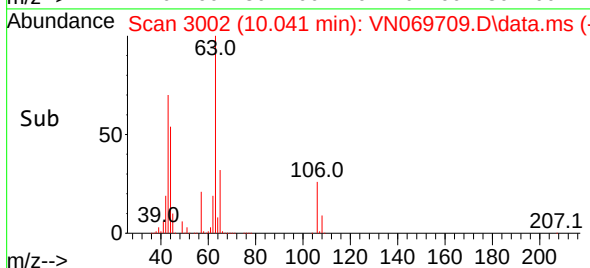
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

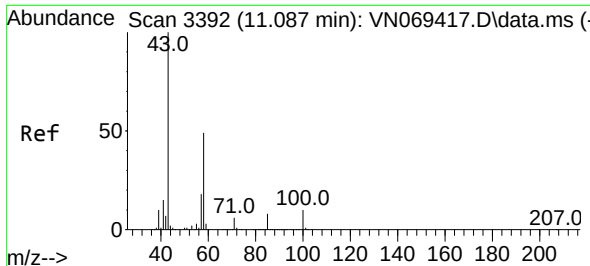


#58
2-Chloroethyl Vinyl ether
Concen: 185.261 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



Tgt Ion: 63 Resp: 1289909
Ion Ratio Lower Upper
63 100
106 25.7 23.9 35.9





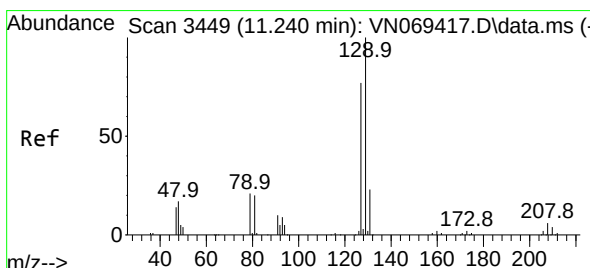
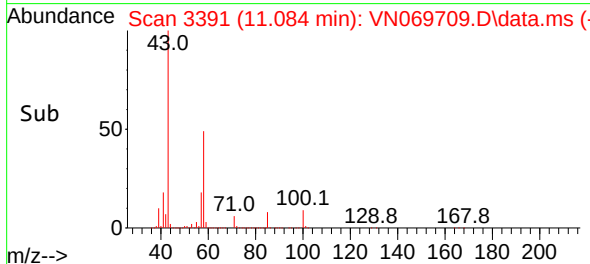
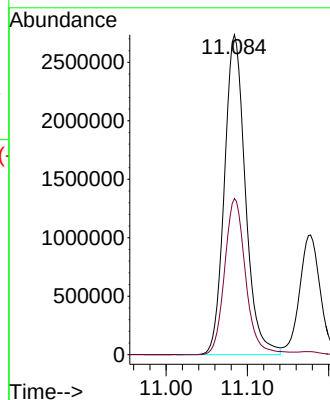
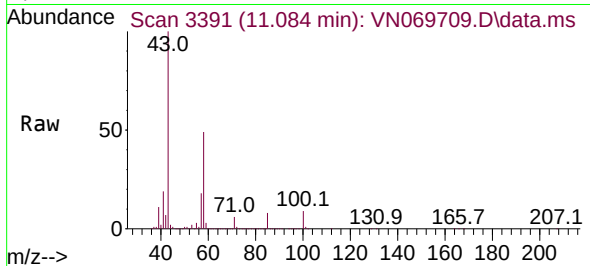
#59
2-Hexanone
Concen: 243.072 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 490427
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

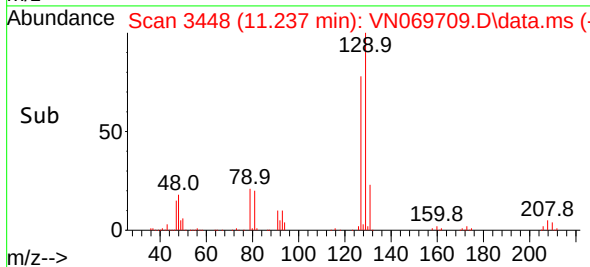
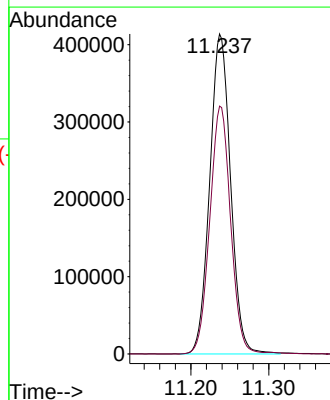
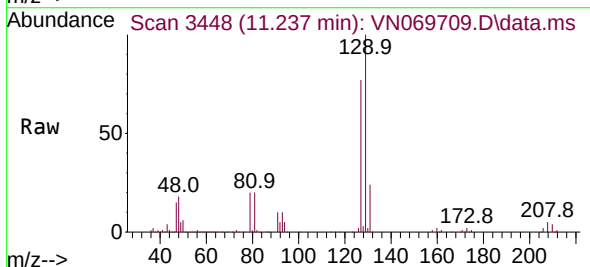
Manual Integrations
APPROVED

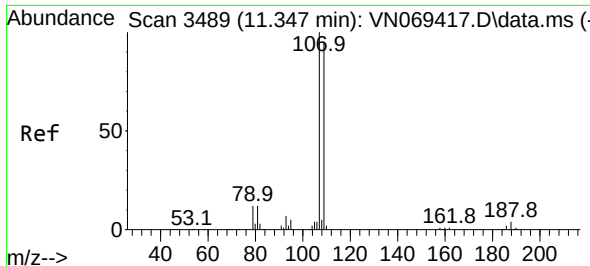
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 51.078 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

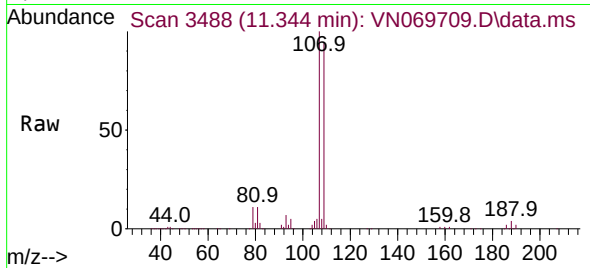
Tgt Ion:129 Resp: 769992
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.163 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

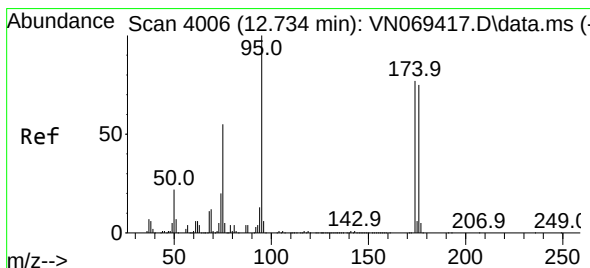
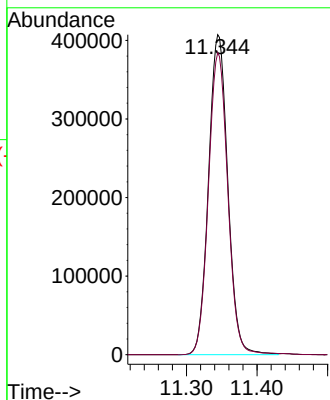
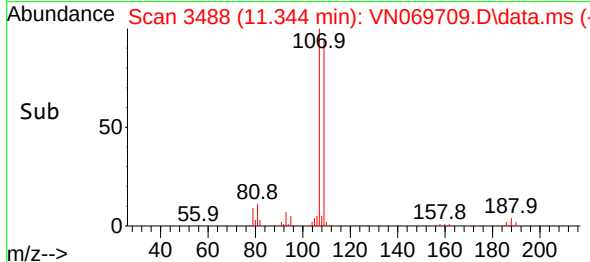
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 77390
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

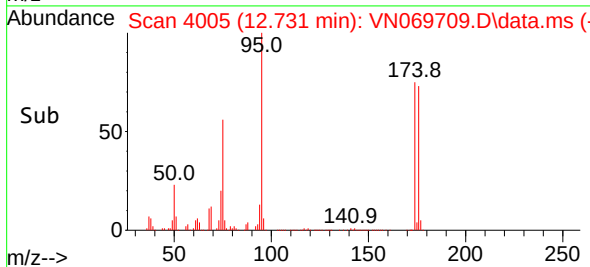
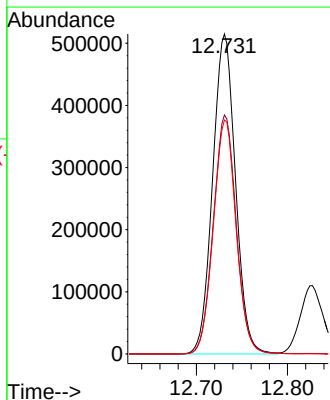
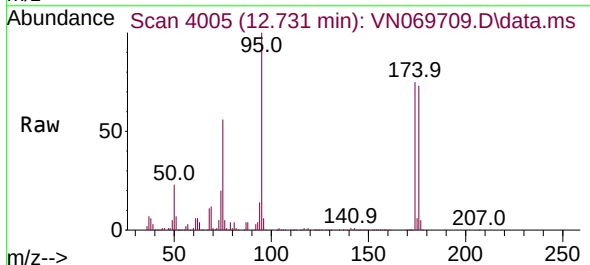
Manual Integrations
APPROVED

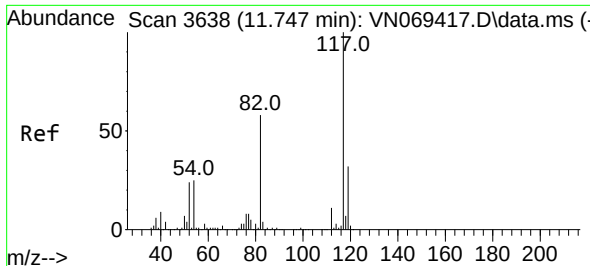
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 50.121 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

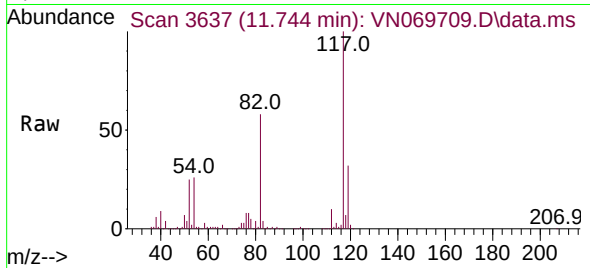
Tgt Ion: 95 Resp: 895479
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

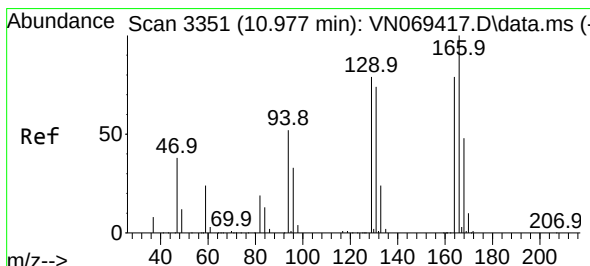
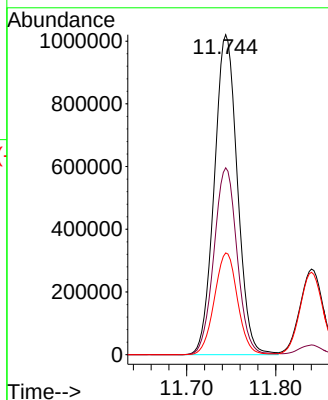
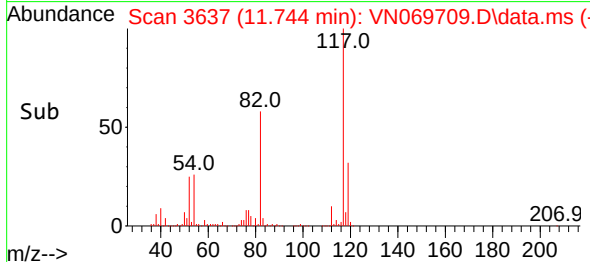
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1841630
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.8 25.4 38.2

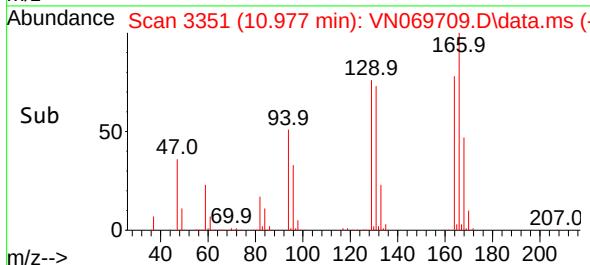
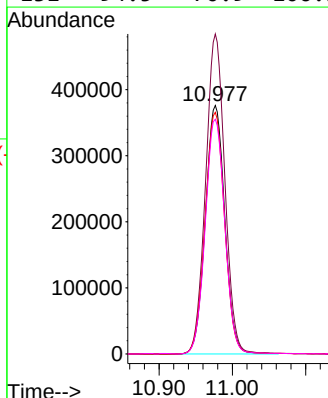
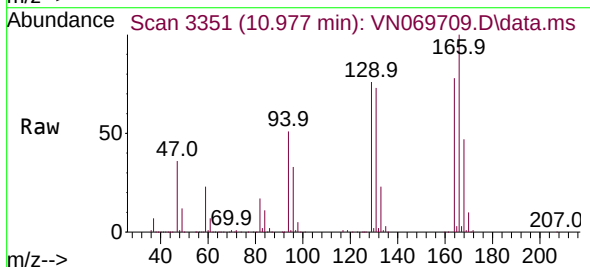
Manual Integrations
APPROVED

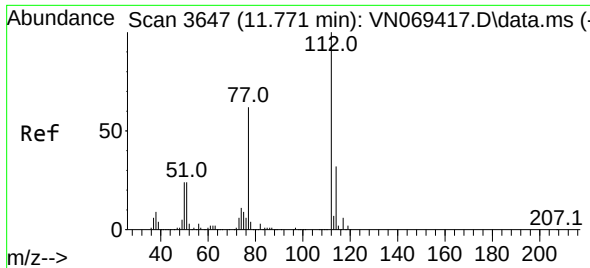
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 55.533 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

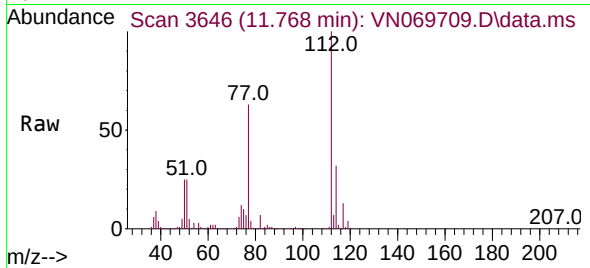
Tgt Ion:164 Resp: 693470
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 97.3 72.0 108.0
131 94.5 70.9 106.3





#65
Chlorobenzene
Concen: 54.752 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

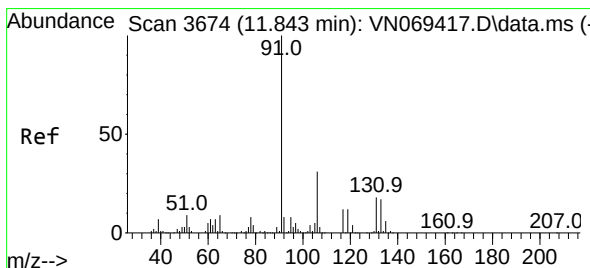
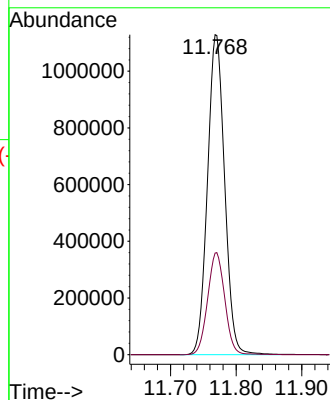
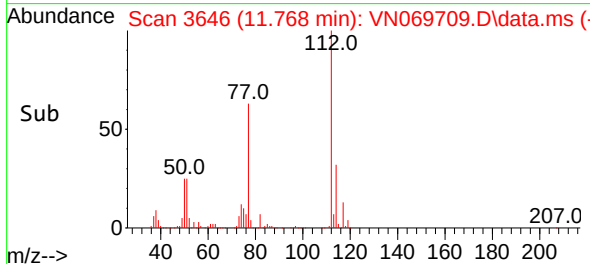
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



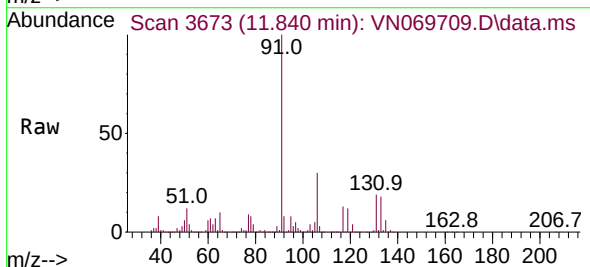
Tgt Ion:112 Resp: 204559
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

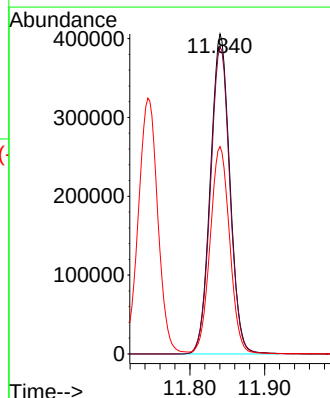
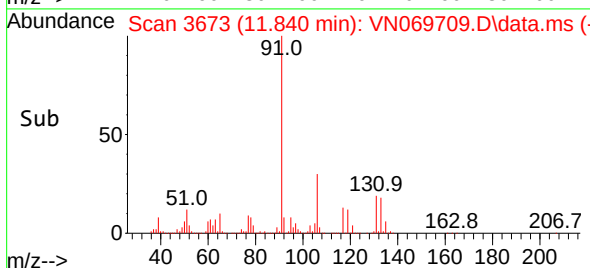
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

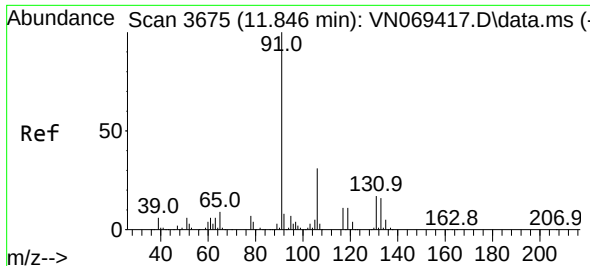


#66
1,1,1,2-Tetrachloroethane
Concen: 55.732 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



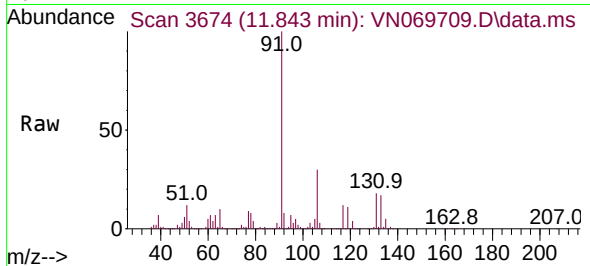
Tgt Ion:131 Resp: 732873
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 56.683 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

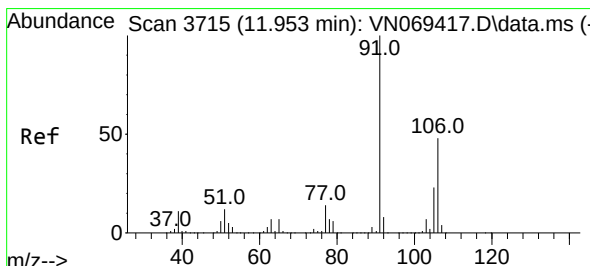
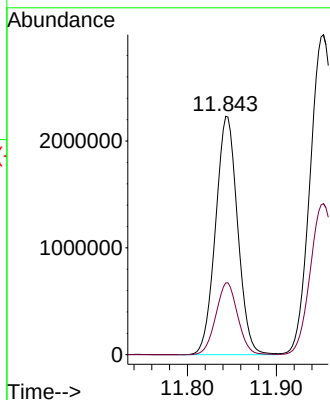
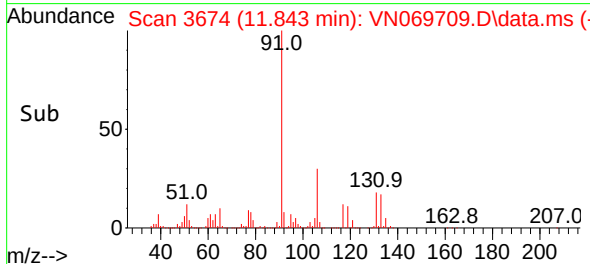
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 3846850
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

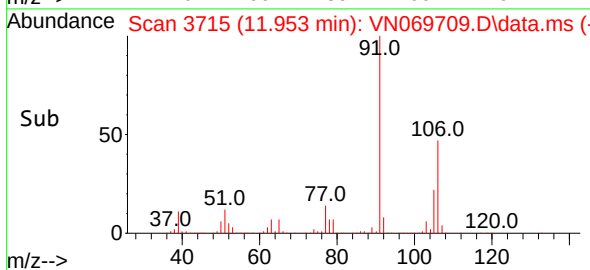
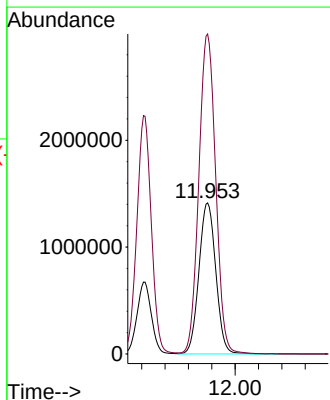
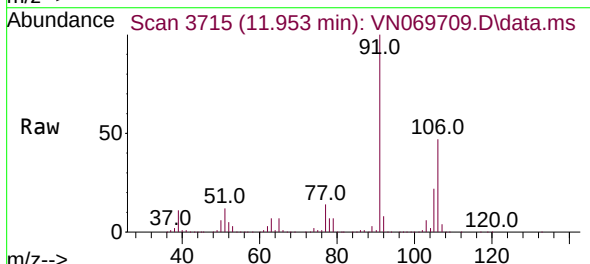
Manual Integrations
APPROVED

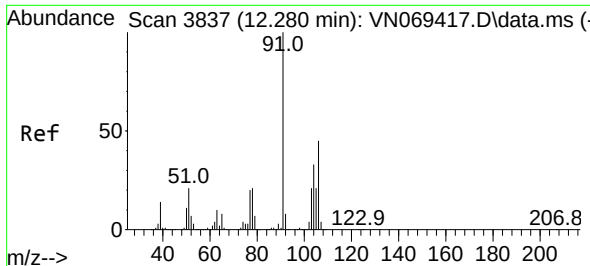
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 114.432 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

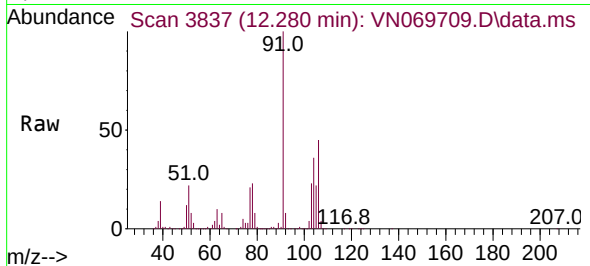
Tgt Ion:106 Resp: 2827665
Ion Ratio Lower Upper
106 100
91 212.2 160.6 240.8





#69
o-Xylene
Concen: 56.773 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

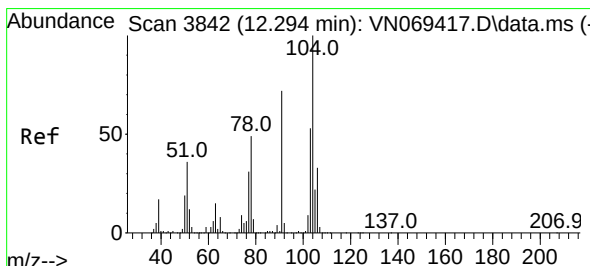
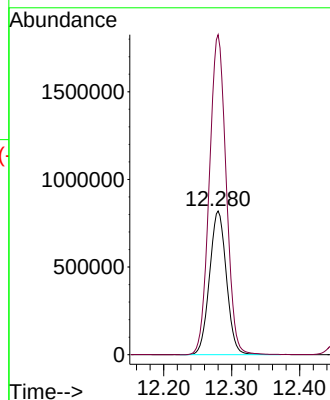
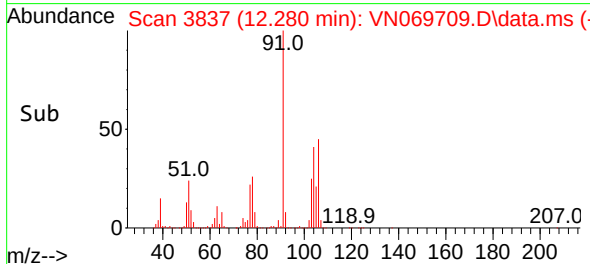
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1413094
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3

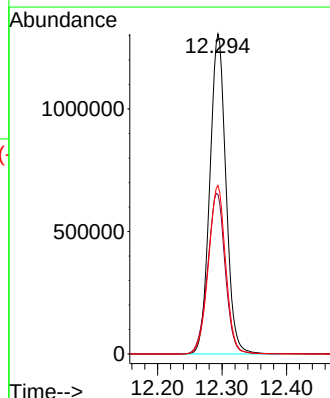
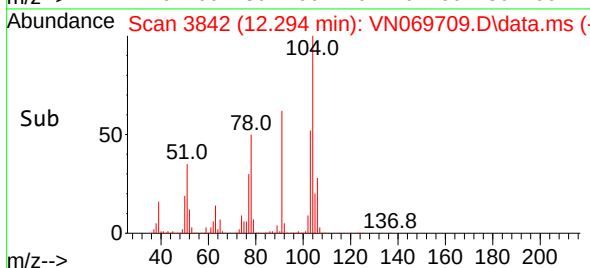
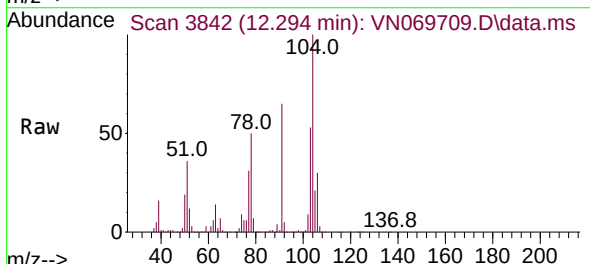
Manual Integrations
APPROVED

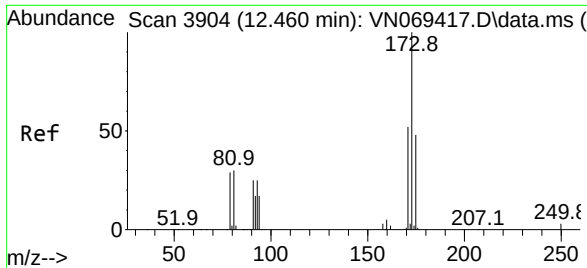
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 57.709 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

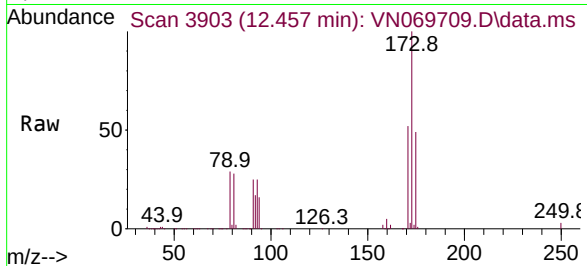
Tgt Ion:104 Resp: 2277676
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 49.348 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

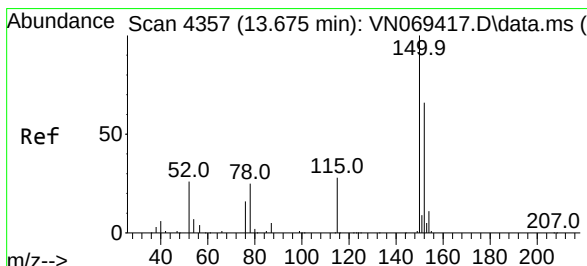
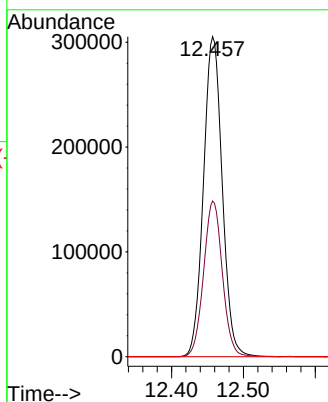
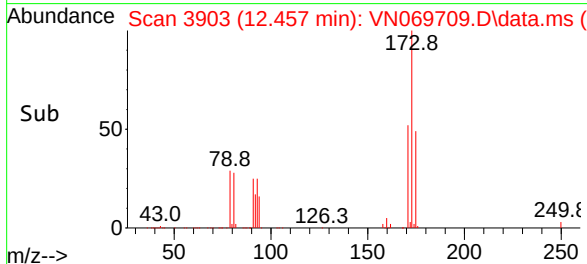
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



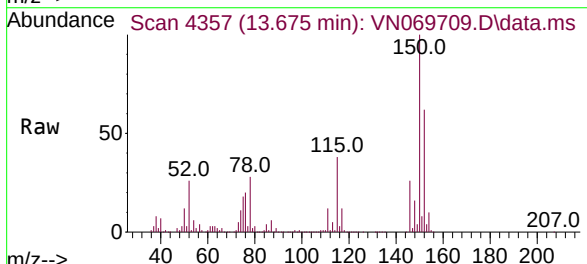
Tgt Ion:173 Resp: 554600
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

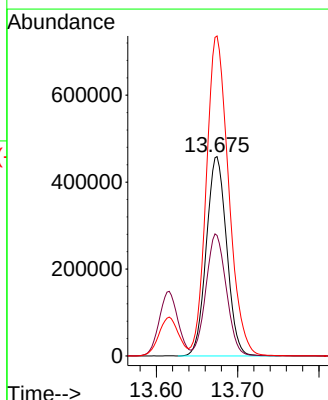
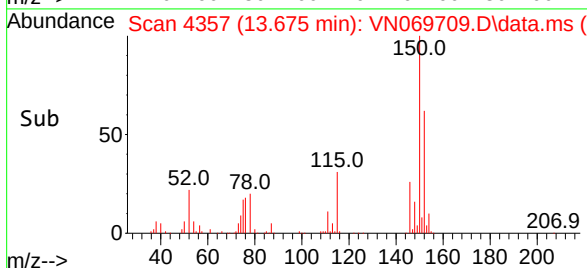
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

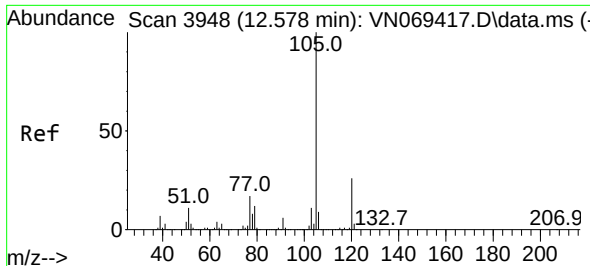


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



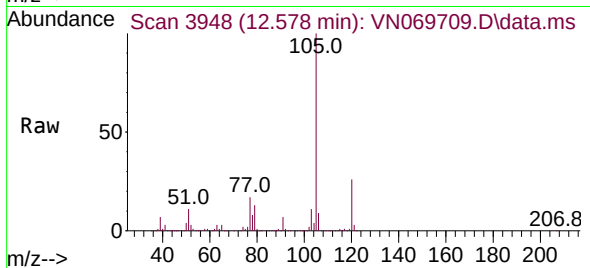
Tgt Ion:152 Resp: 797012
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 176.2 0.0 344.4





#73
Isopropylbenzene
Concen: 52.546 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

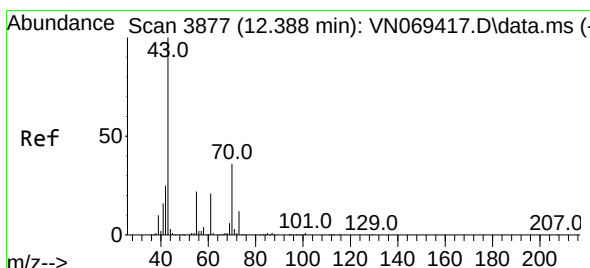
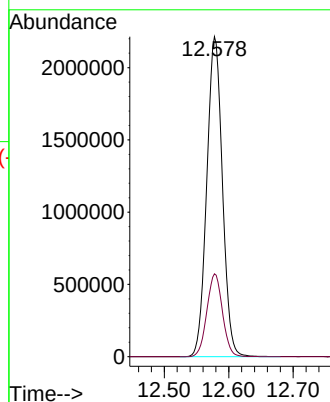
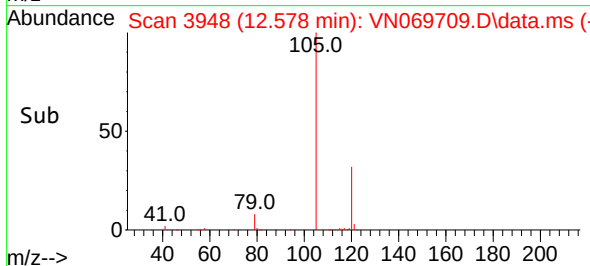
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



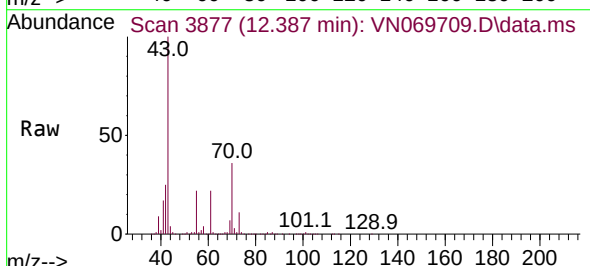
Tgt Ion:105 Resp: 372613
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

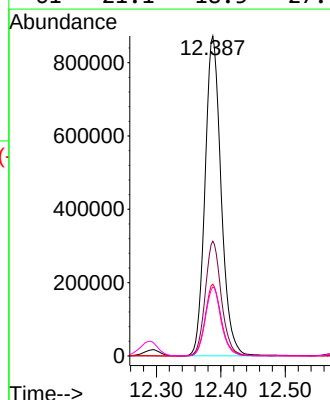
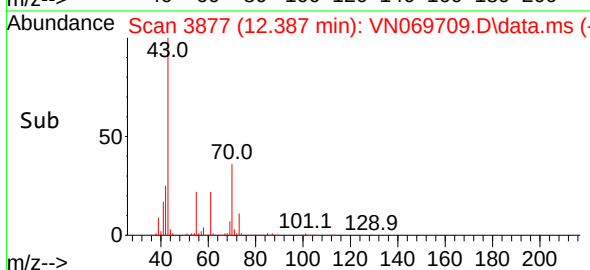
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

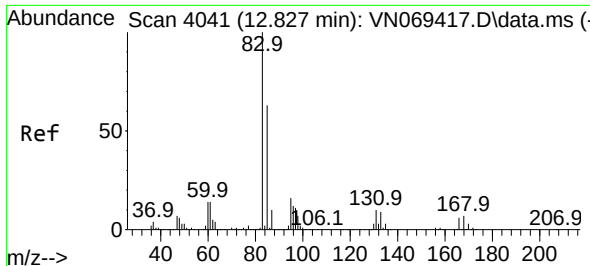


#74
N-ethyl acetate
Concen: 48.316 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



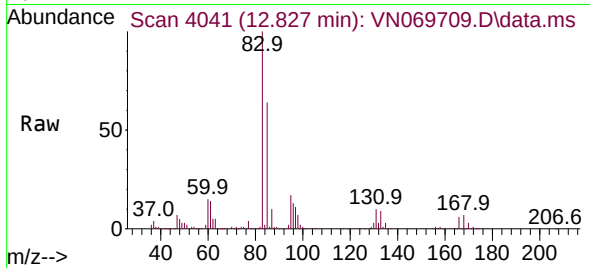
Tgt Ion: 43 Resp: 1515176
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 22.5 19.3 28.9
61 21.1 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.734 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

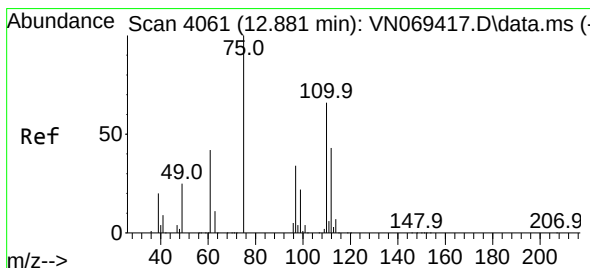
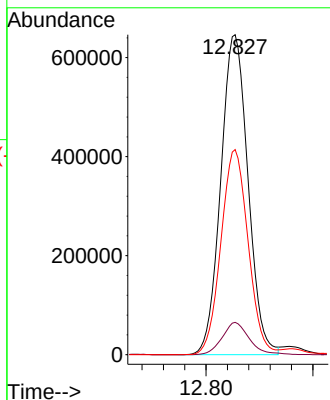
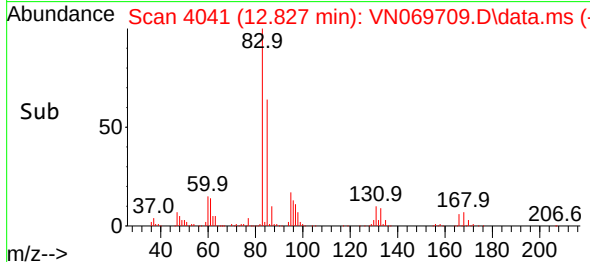
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



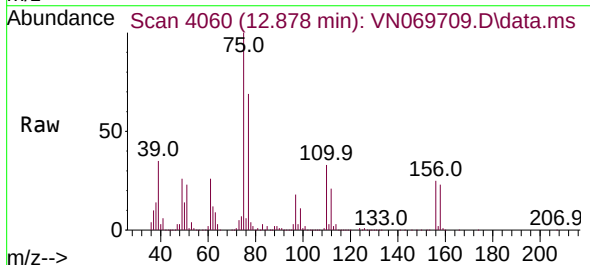
Tgt Ion: 83 Resp: 1145992
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.5 16.5
 85 63.9 32.4 97.2

Manual Integrations
 APPROVED

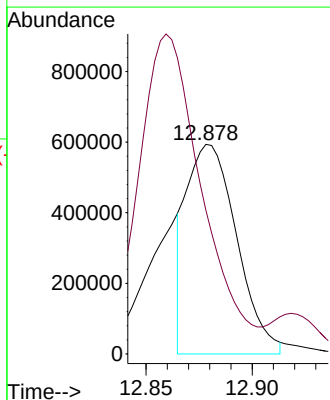
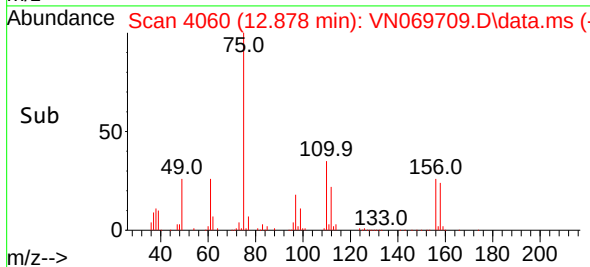
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

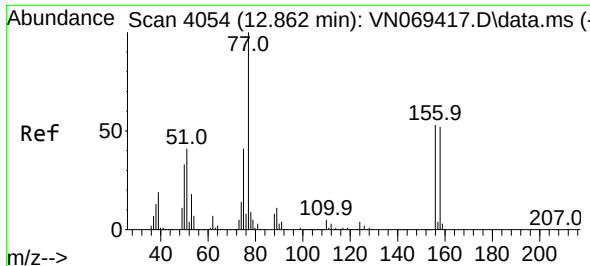


#76
 1,2,3-Trichloropropane
 Concen: 42.631 ug/l m
 RT: 12.878 min Scan# 4060
 Delta R.T. -0.003 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18



Tgt Ion: 75 Resp: 974387
 Ion Ratio Lower Upper
 75 100
 77 193.2 82.6 247.8





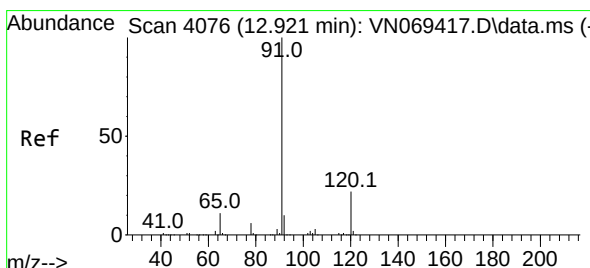
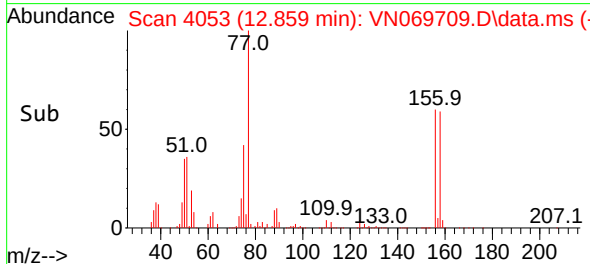
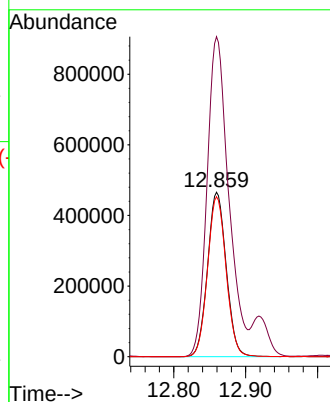
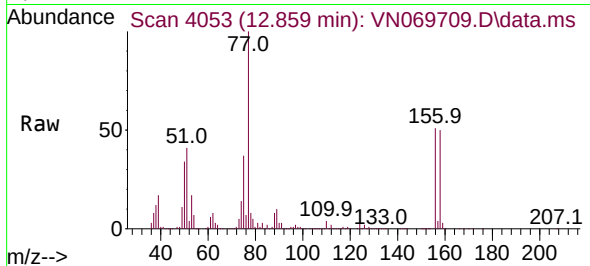
#77
Bromobenzene
Concen: 50.578 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 842444
Ion Ratio Lower Upper
156 100
77 223.4 90.6 271.8
158 96.9 48.9 146.7

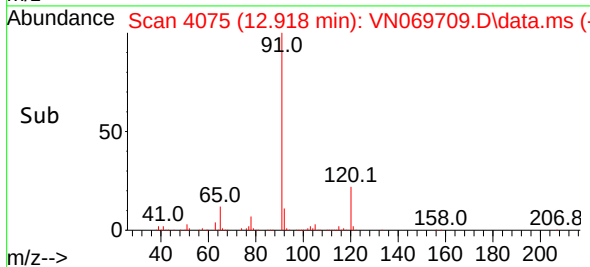
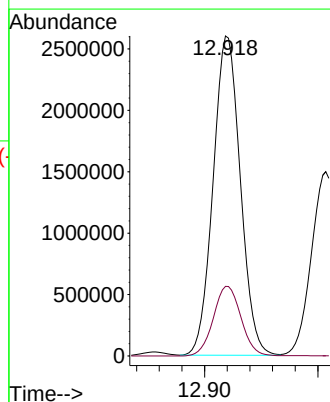
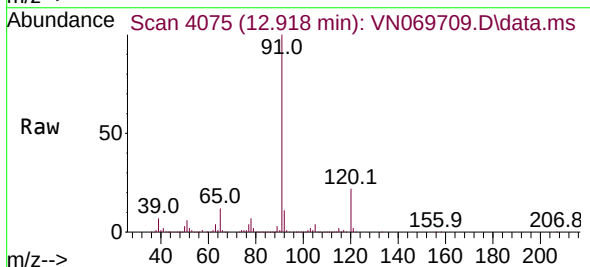
Manual Integrations
APPROVED

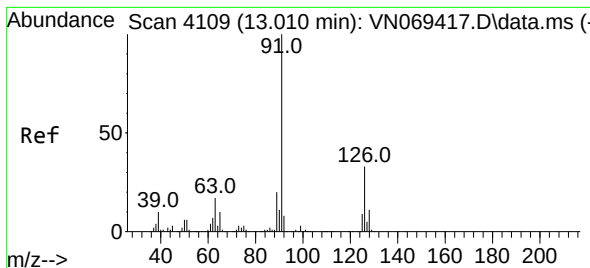
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 54.845 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion: 91 Resp: 4327733
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





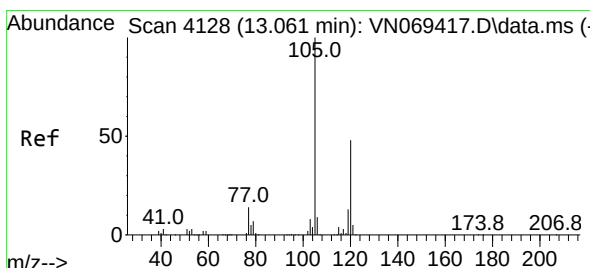
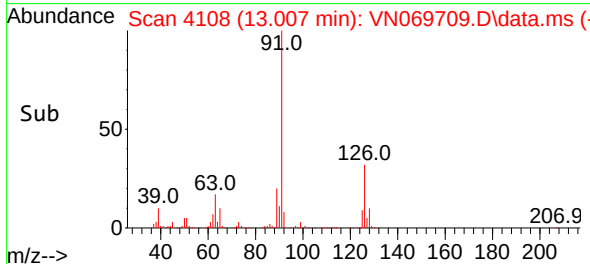
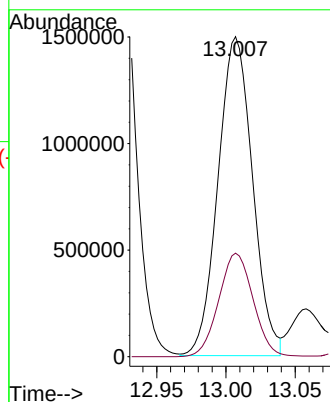
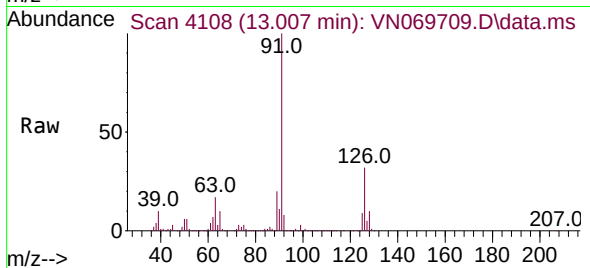
#79
2-Chlorotoluene
Concen: 52.095 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2597452
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

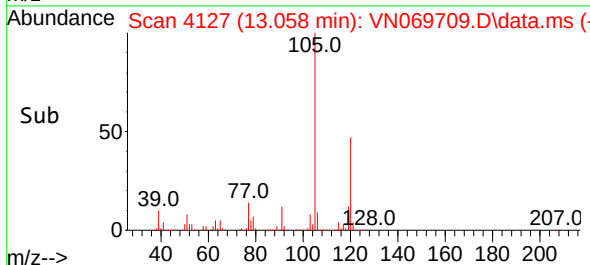
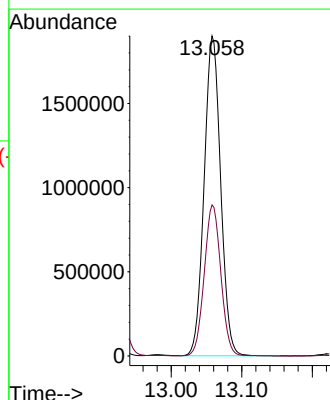
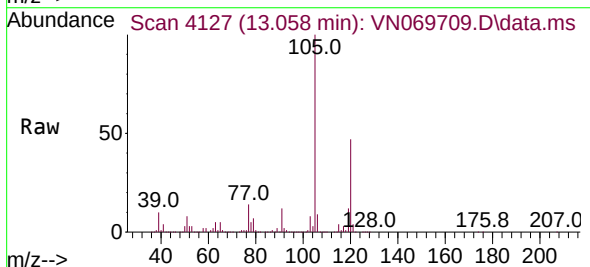
Manual Integrations
APPROVED

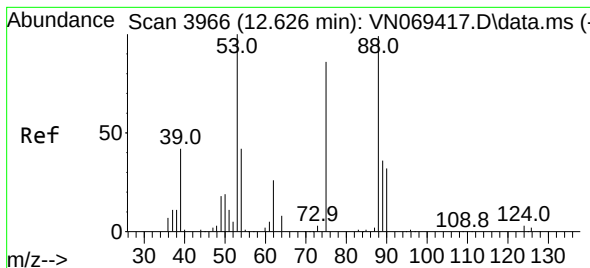
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.131 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

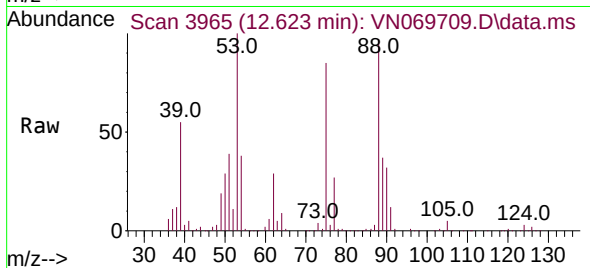
Tgt Ion:105 Resp: 3089561
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.234 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

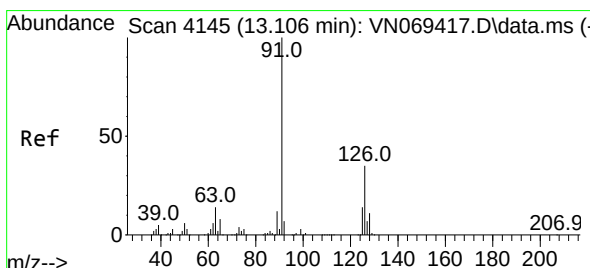
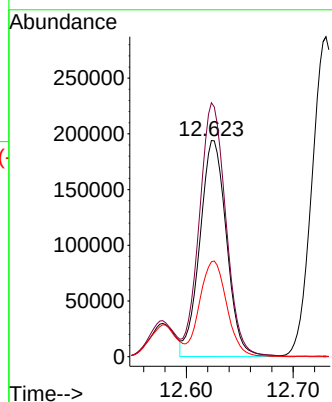
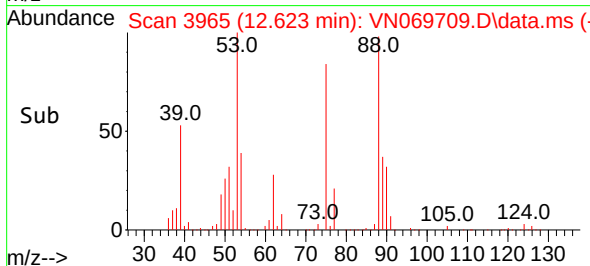
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33575
Ion Ratio Lower Upper
75 100
53 117.1 90.5 135.7
89 45.1 38.2 57.4

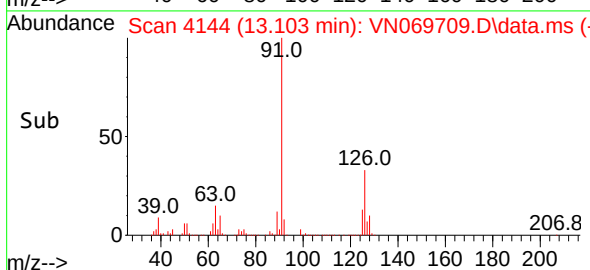
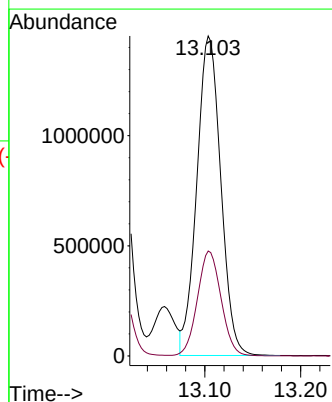
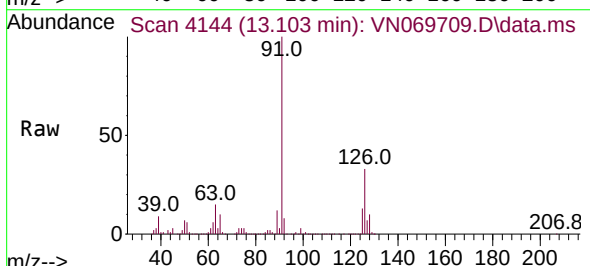
Manual Integrations
APPROVED

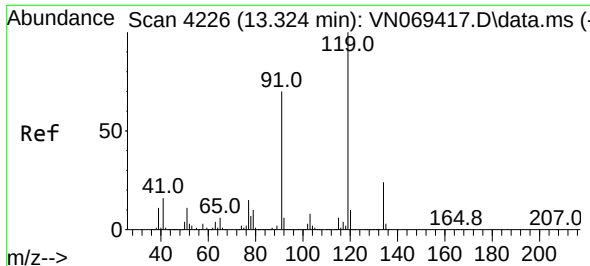
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 53.843 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

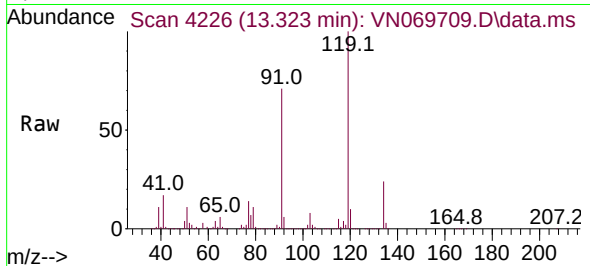
Tgt Ion: 91 Resp: 2524703
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 53.183 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

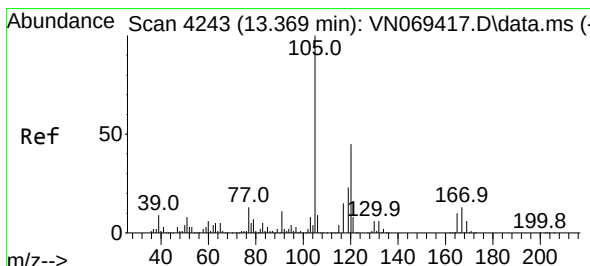
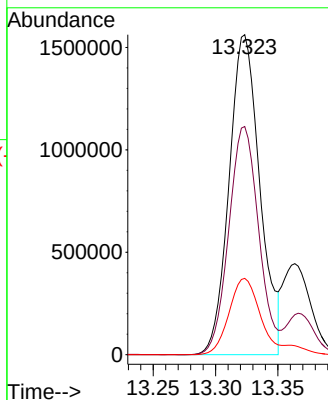
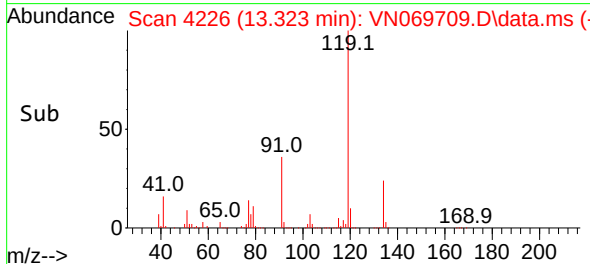
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



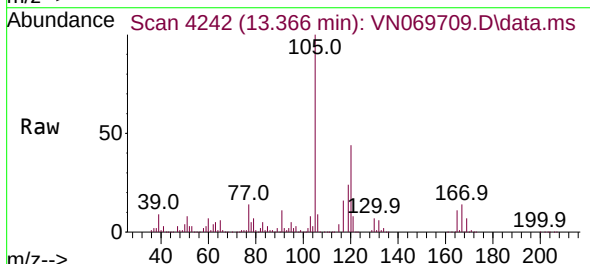
Tgt Ion:119 Resp: 2687820
Ion Ratio Lower Upper
119 100
91 69.2 31.5 94.5
134 24.2 12.4 37.4

Manual Integrations
APPROVED

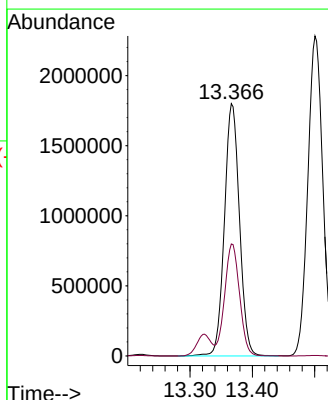
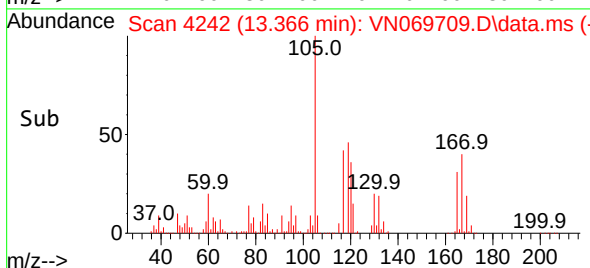
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

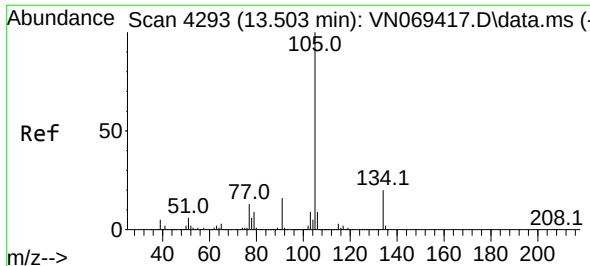


#84
1,2,4-Trimethylbenzene
Concen: 55.533 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



Tgt Ion:105 Resp: 3018586
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





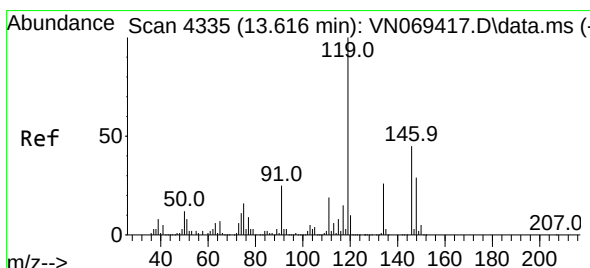
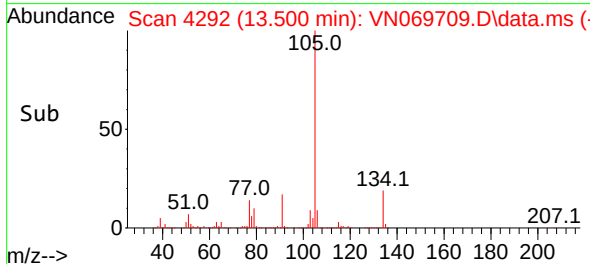
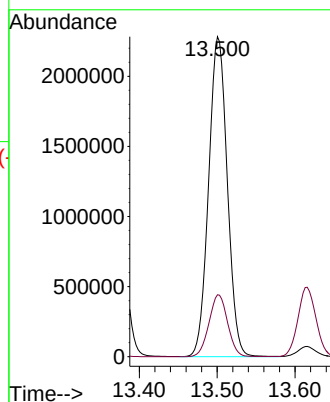
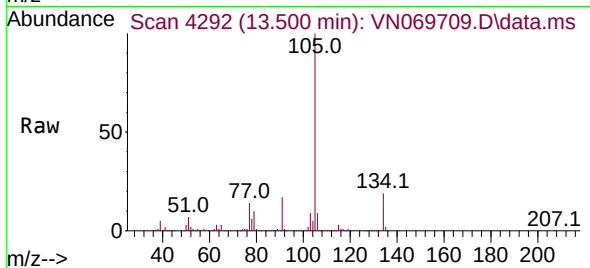
#85
 sec-Butylbenzene
 Concen: 55.398 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 379758
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

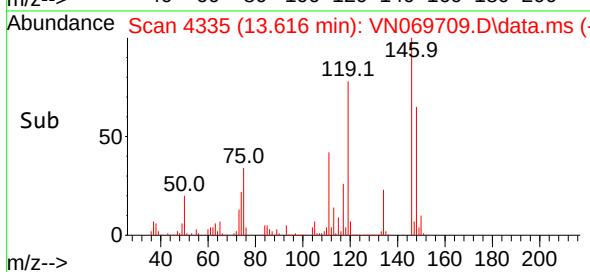
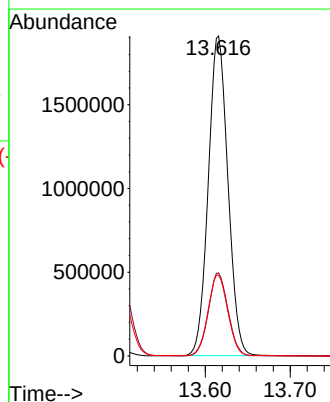
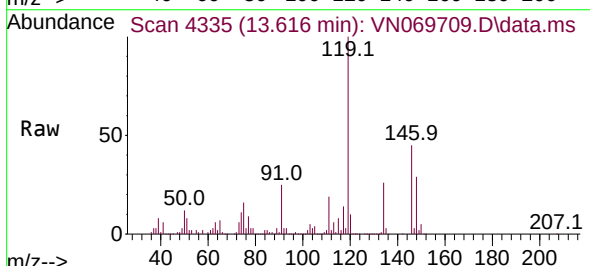
Manual Integrations
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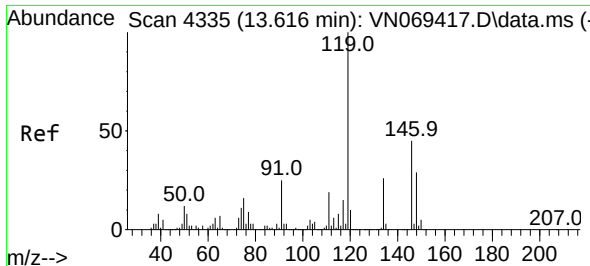
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 57.049 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069709.D
 Acq: 3 Dec 2021 10:18

Tgt Ion:119 Resp: 3056873
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 54.024 ug/l

RT: 13.616 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 1478274

Ion Ratio Lower Upper

146 100

111 41.7 18.6 55.6

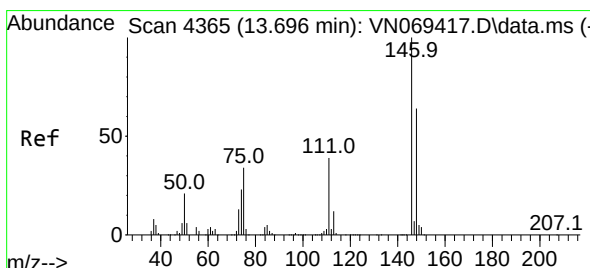
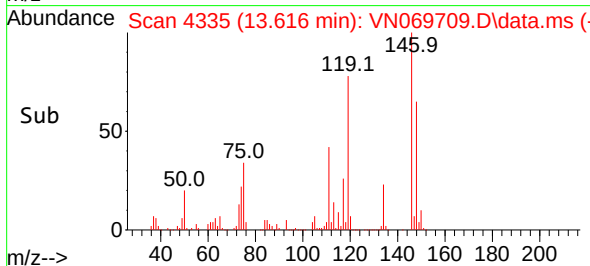
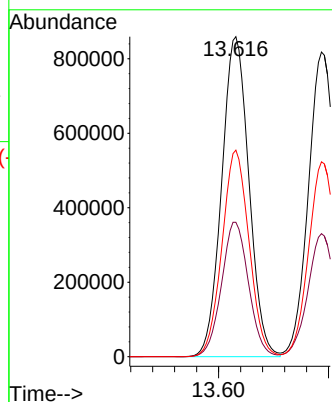
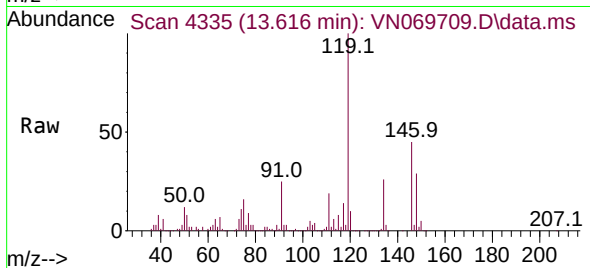
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#88

1,4-Dichlorobenzene

Concen: 53.459 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.003 min

Lab File: VN069709.D

Acq: 3 Dec 2021 10:18

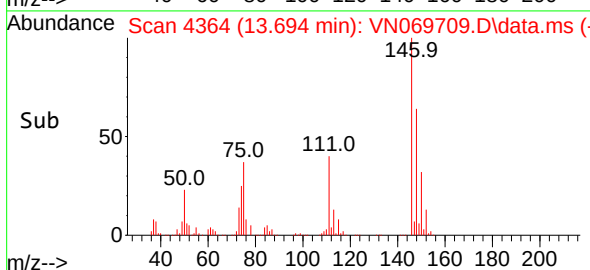
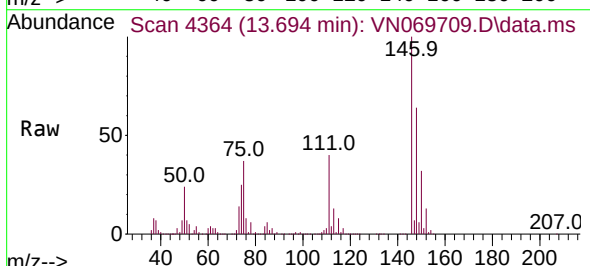
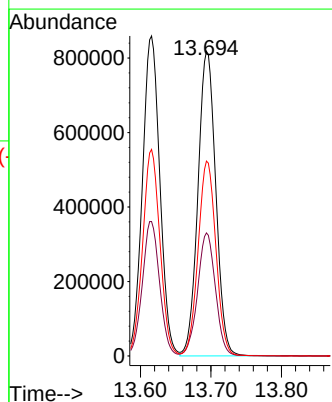
Tgt Ion:146 Resp: 1437544

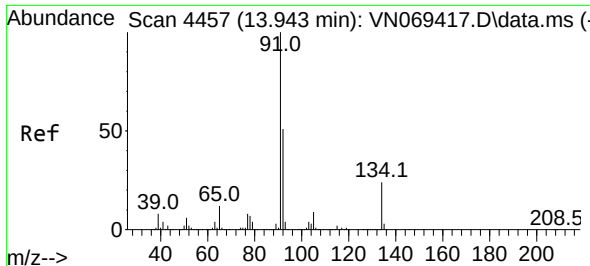
Ion Ratio Lower Upper

146 100

111 40.5 18.3 54.8

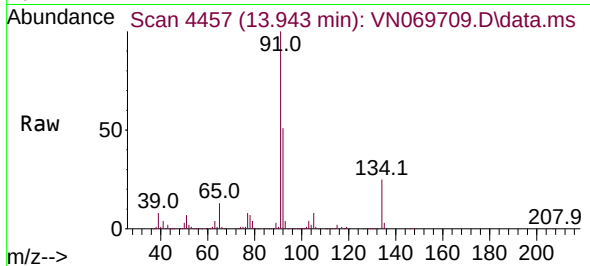
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 58.686 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

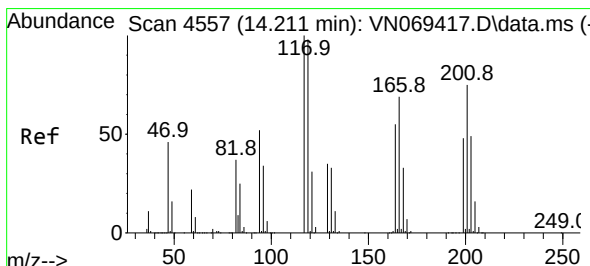
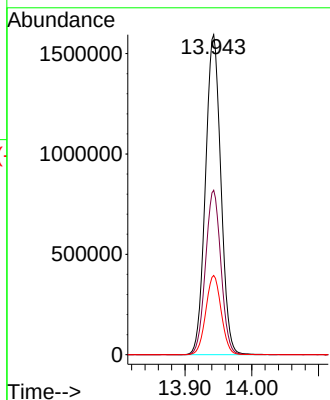
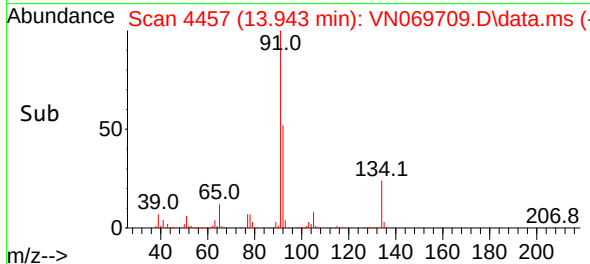
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 255087
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 24.8 13.6 40.8

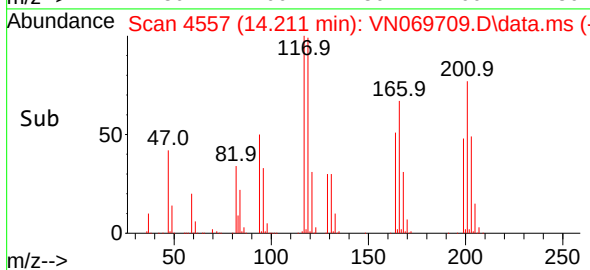
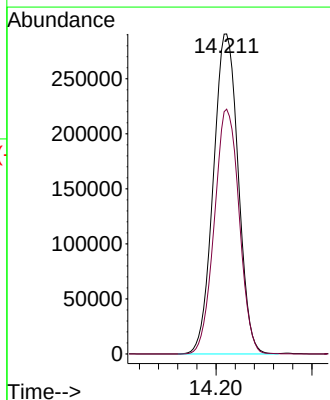
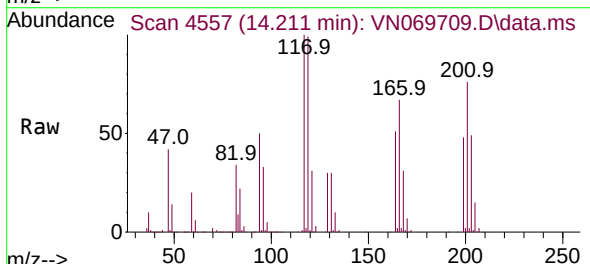
Manual Integrations
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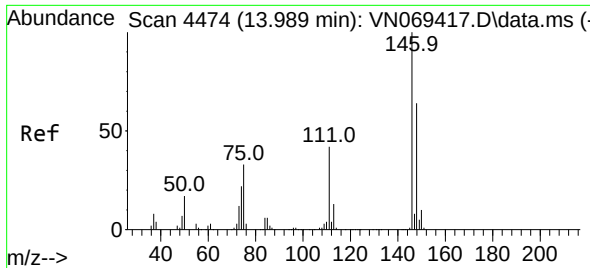
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 55.582 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

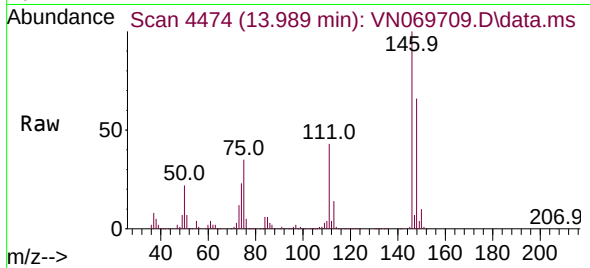
Tgt Ion:117 Resp: 522893
Ion Ratio Lower Upper
117 100
201 76.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 52.558 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

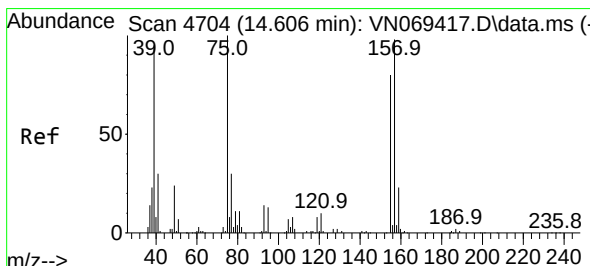
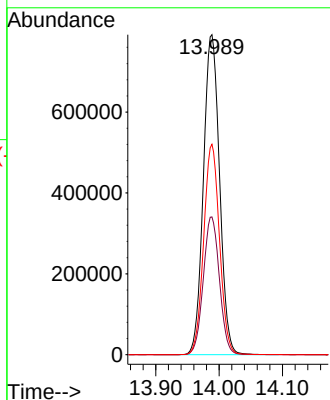
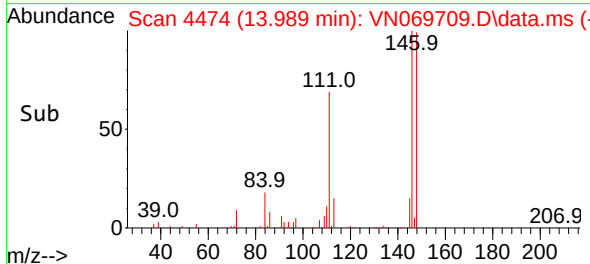
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 1401274
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.4 32.1 96.3

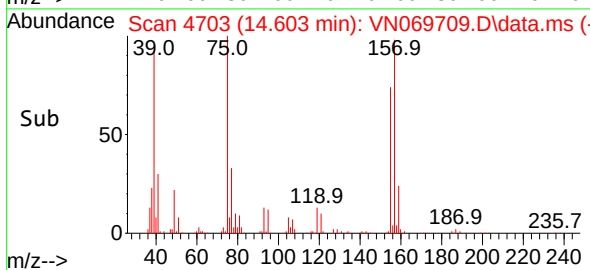
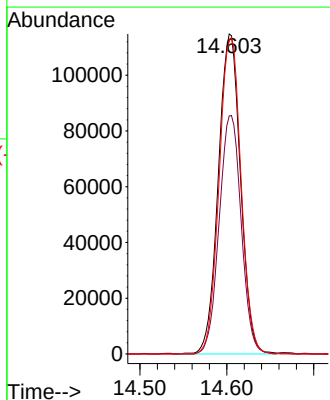
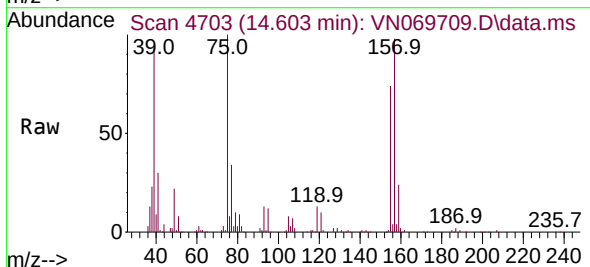
Manual Integrations
APPROVED

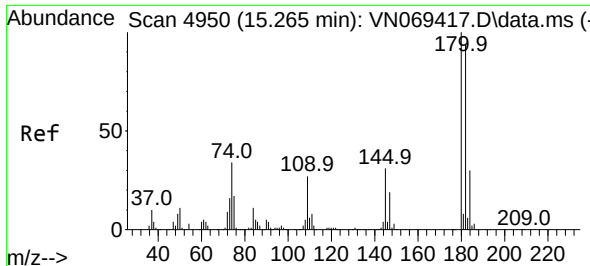
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.947 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

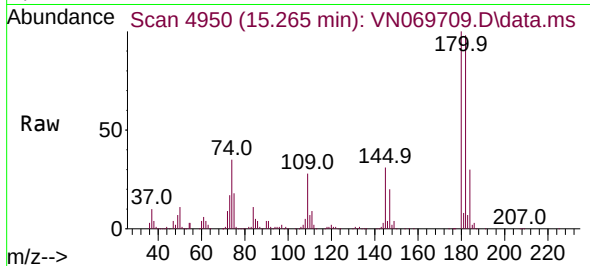
Tgt Ion: 75 Resp: 203594
Ion Ratio Lower Upper
75 100
155 73.9 46.9 140.7
157 97.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.933 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

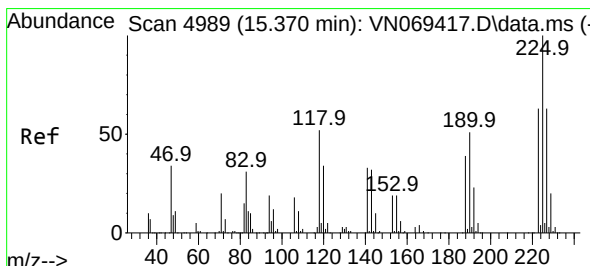
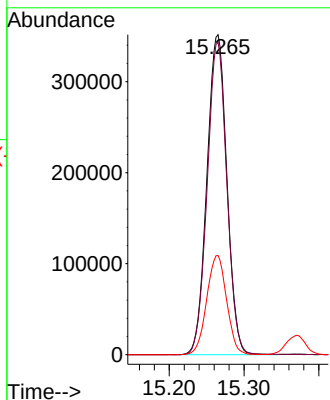
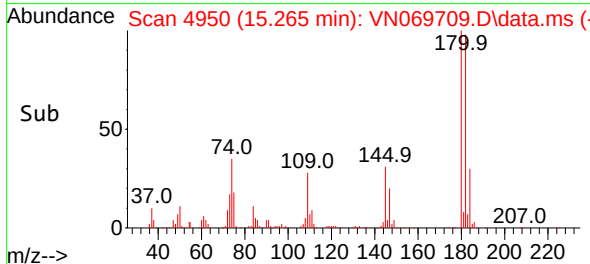
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



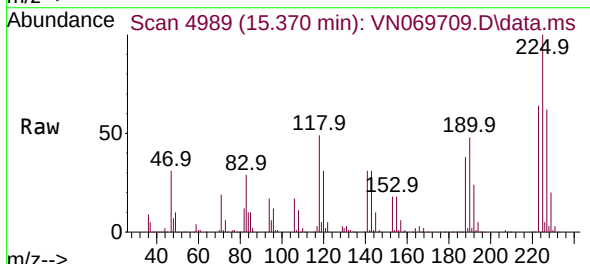
Tgt Ion:180 Resp: 652890
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

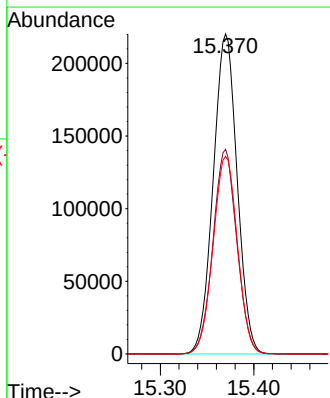
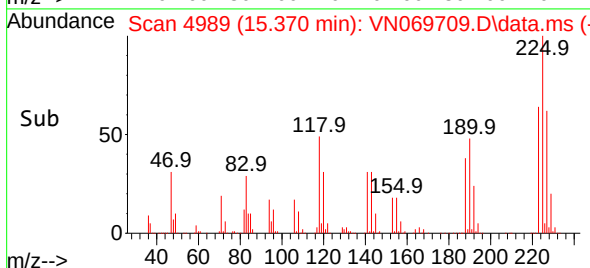
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

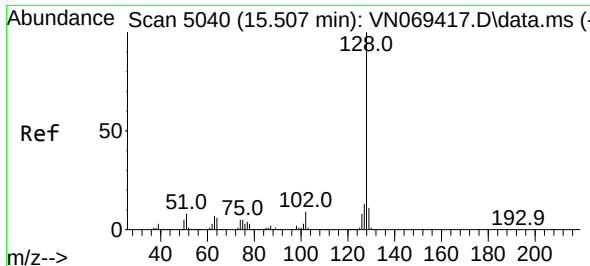


#94
Hexachlorobutadiene
Concen: 55.517 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18



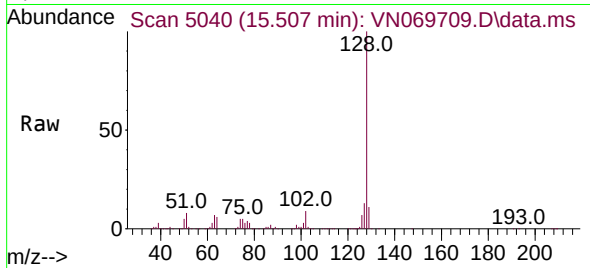
Tgt Ion:225 Resp: 392274
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 41.325 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

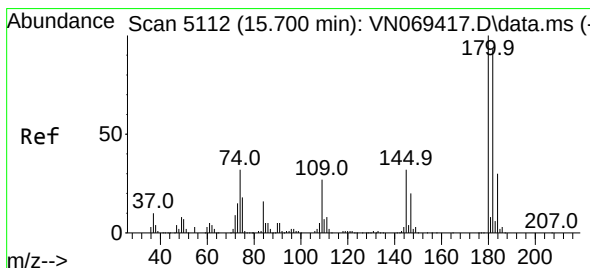
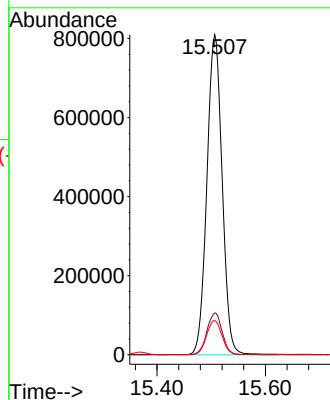
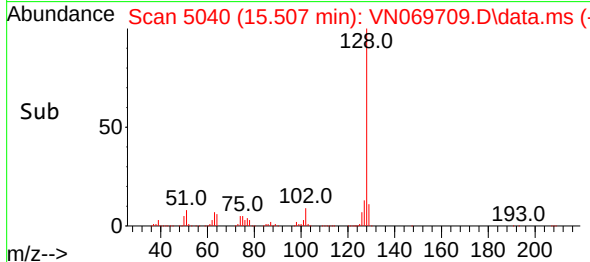
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 158034
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.611 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069709.D
Acq: 3 Dec 2021 10:18

Tgt Ion:180 Resp: 605199
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 33.0 15.0 45.1

