

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069904.D
 Acq On : 9 Dec 2021 11:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 06:11:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1055015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1708493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1610776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	694827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	748423	45.945	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.900%		
35) Dibromofluoromethane	8.021	113	512871	47.925	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.840%		
50) Toluene-d8	10.440	98	1994321	46.411	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.820%		
62) 4-Bromofluorobenzene	12.731	95	738426	47.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	596503	48.476	ug/l	100
3) Chloromethane	2.303	50	696514	45.181	ug/l	99
4) Vinyl Chloride	2.448	62	663989	46.842	ug/l	99
5) Bromomethane	2.842	94	396346	51.466	ug/l	97
6) Chloroethane	3.014	64	404539	46.572	ug/l	98
7) Trichlorofluoromethane	3.376	101	888041	47.733	ug/l	96
8) Diethyl Ether	3.824	74	357713	49.923	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	542350	52.006	ug/l	95
10) Methyl Iodide	4.419	142	701723	49.255	ug/l	98
11) Tert butyl alcohol	5.377	59	608212	197.529	ug/l	99
12) 1,1-Dichloroethene	4.178	96	488382	48.598	ug/l	87
13) Acrolein	4.039	56	797765	304.243	ug/l	99
14) Allyl chloride	4.838	41	1154150	50.967	ug/l	93
15) Acrylonitrile	5.551	53	1930524	232.675	ug/l	100
16) Acetone	4.283	43	2463745	251.432	ug/l	96
17) Carbon Disulfide	4.527	76	1312179	50.541	ug/l	100
18) Methyl Acetate	4.851	43	1375600	46.509	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1962191	50.216	ug/l	95
20) Methylene Chloride	5.093	84	606808	46.583	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	524056	48.011	ug/l	84
22) Diisopropyl ether	6.495	45	2301278	51.993	ug/l #	95
23) Vinyl Acetate	6.431	43	9616154	267.049	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1164114	50.773	ug/l	98
25) 2-Butanone	7.332	43	3098906	232.759	ug/l	90
26) 2,2-Dichloropropane	7.324	77	963383	54.042	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	645855	48.974	ug/l	85
28) Bromochloromethane	7.659	49	599674	50.297	ug/l #	77
29) Tetrahydrofuran	7.683	42	1817632	224.831	ug/l	88
30) Chloroform	7.817	83	1159102	50.057	ug/l	100
31) Cyclohexane	8.094	56	1083871	47.812	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	998974	50.648	ug/l	96
36) 1,1-Dichloropropene	8.220	75	834844	51.330	ug/l	96
37) Ethyl Acetate	7.412	43	1131415	46.738	ug/l	95
38) Carbon Tetrachloride	8.206	117	858616	53.835	ug/l	100
39) Methylcyclohexane	9.459	83	1033500	53.422	ug/l	89
40) Benzene	8.458	78	2515125	50.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	590214	51.939	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	1029192	51.284	ug/l	96
43) Isopropyl Acetate	8.560	43	1826044	50.974	ug/l #	93
44) Trichloroethene	9.215	130	595896	50.220	ug/l	90
45) 1,2-Dichloropropane	9.488	63	697401	52.240	ug/l	100
46) Dibromomethane	9.577	93	448081	51.178	ug/l	92
47) Bromodichloromethane	9.759	83	934922	56.399	ug/l	99
48) Methyl methacrylate	9.558	41	909264	54.389	ug/l #	83
49) 1,4-Dioxane	9.569	88	239291	797.724	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5795081	249.365	ug/l	95
52) Toluene	10.505	92	1552133	51.139	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1013663	50.787	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1071952	51.173	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	627953	51.278	ug/l	97
56) Ethyl methacrylate	10.760	69	1089843	47.295	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1105486	51.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1380960	223.425	ug/l	90
59) 2-Hexanone	11.084	43	4347650	247.309	ug/l	93
60) Dibromochloromethane	11.237	129	677127	51.530	ug/l	99
61) 1,2-Dibromoethane	11.344	107	651344	51.352	ug/l	99
64) Tetrachloroethene	10.977	164	526817	48.234	ug/l	95
65) Chlorobenzene	11.768	112	1660687	50.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	625973	54.425	ug/l	100
67) Ethyl Benzene	11.843	91	3115523	52.486	ug/l	95
68) m/p-Xylenes	11.953	106	2284636	105.707	ug/l	91
69) o-Xylene	12.278	106	1130954	51.950	ug/l	92
70) Styrene	12.294	104	1887738	54.684	ug/l	95
71) Bromoform	12.457	173	509078	51.654	ug/l #	100
73) Isopropylbenzene	12.578	105	3001980	48.560	ug/l	98
74) N-amyl acetate	12.388	43	1352780	49.481	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	984602	46.058	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1002810m	50.327	ug/l	
77) Bromobenzene	12.860	156	686324	47.265	ug/l	77
78) n-propylbenzene	12.919	91	3503179	50.924	ug/l	96
79) 2-Chlorotoluene	13.007	91	2120579	48.785	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2484133	49.924	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	305265	50.129	ug/l	98
82) 4-Chlorotoluene	13.104	91	2058130	50.347	ug/l	92
83) tert-Butylbenzene	13.321	119	2152913	48.864	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2435949	51.405	ug/l	97
85) sec-Butylbenzene	13.501	105	3047066	50.986	ug/l	98
86) p-Isopropyltoluene	13.616	119	2453859	52.530	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1176567	49.321	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1151297	49.110	ug/l	97
89) n-Butylbenzene	13.943	91	2072868	54.702	ug/l	97
90) Hexachloroethane	14.209	117	464624	56.651	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1130165	48.623	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	186043	48.161	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	550010	48.348	ug/l	98
94) Hexachlorobutadiene	15.367	225	335674	54.493	ug/l	98
95) Naphthalene	15.504	128	1428633	42.705	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	530088	47.823	ug/l	99

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

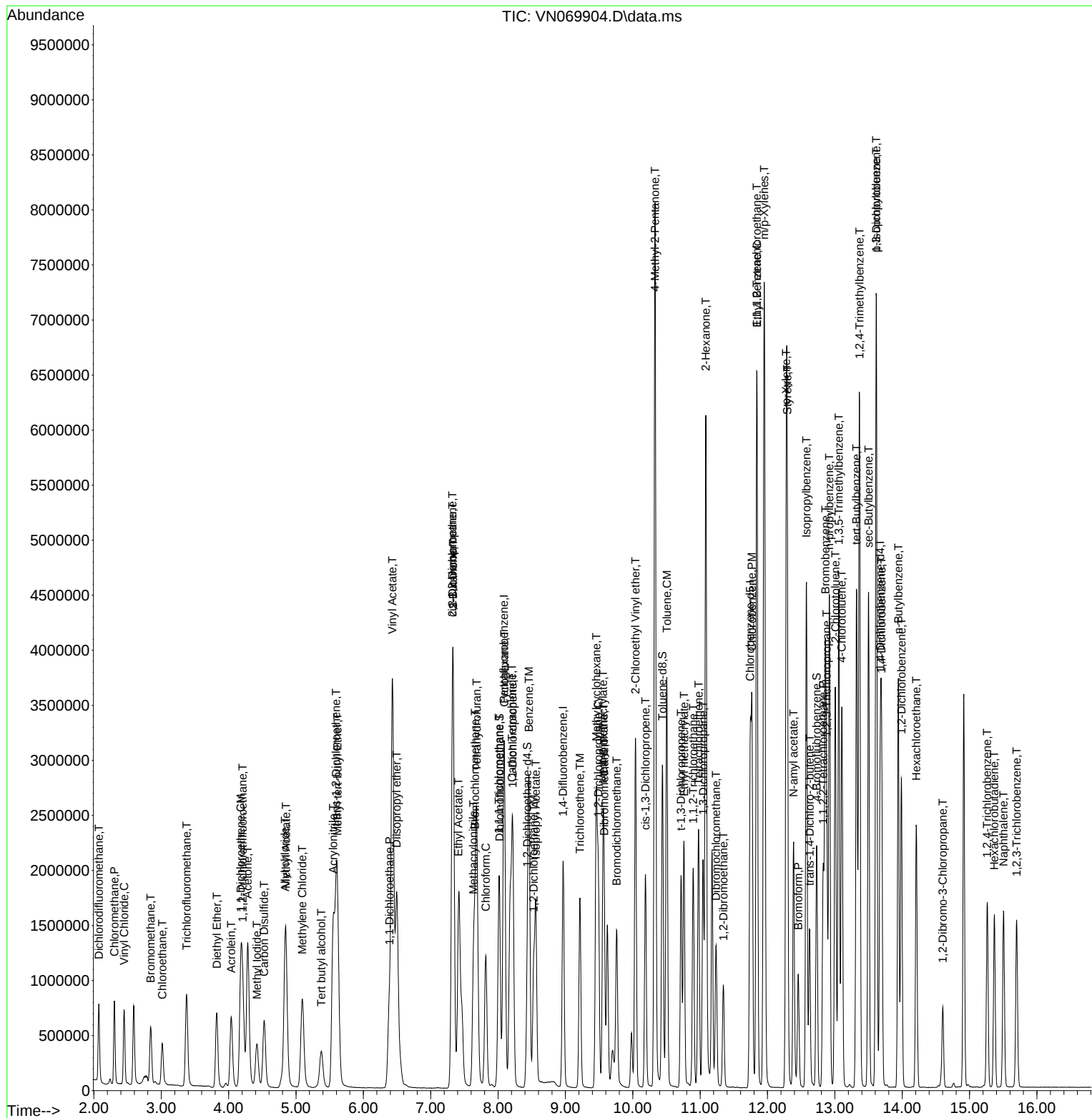
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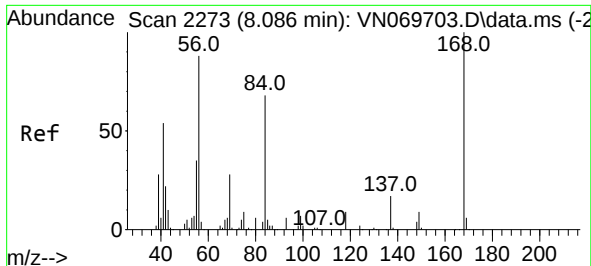
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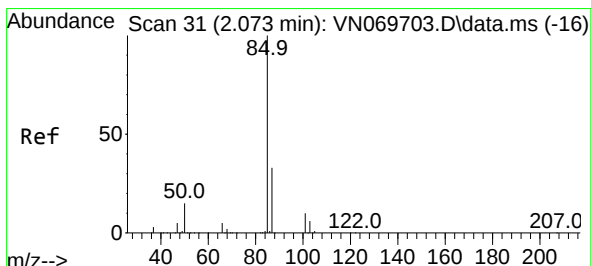
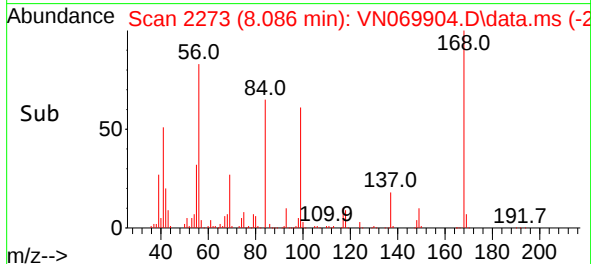
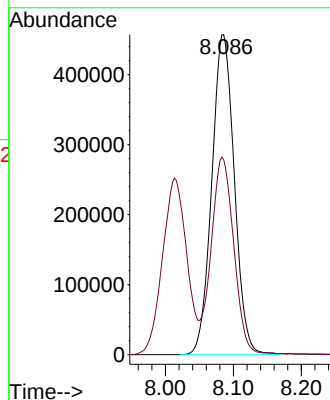
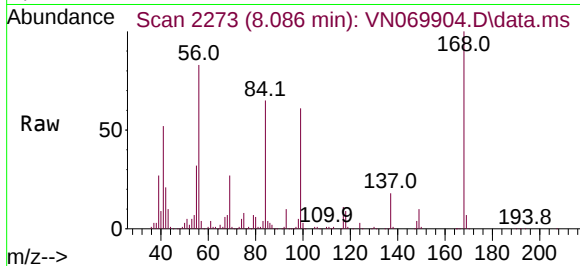
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069904.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 105501
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

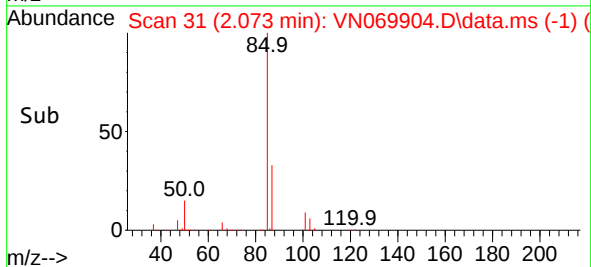
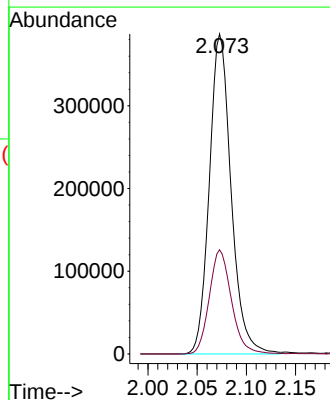
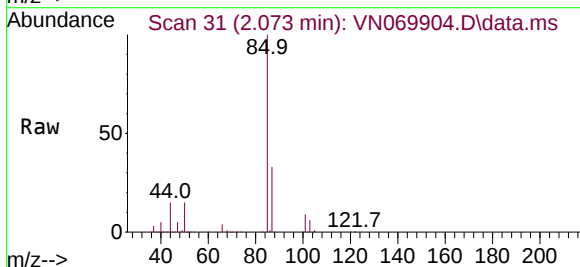
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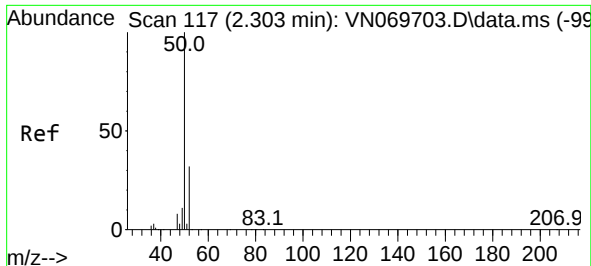
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 48.476 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

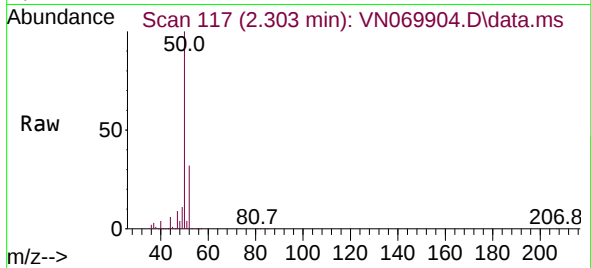
Tgt Ion: 85 Resp: 596503
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 45.181 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

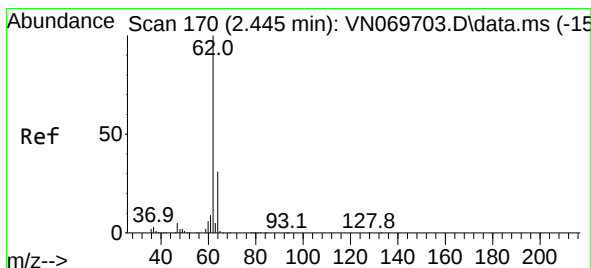
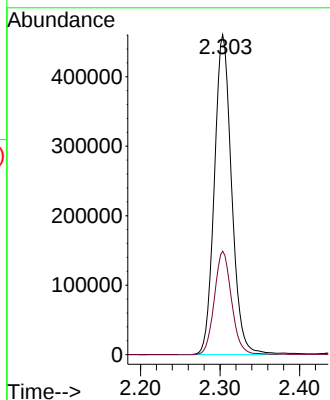
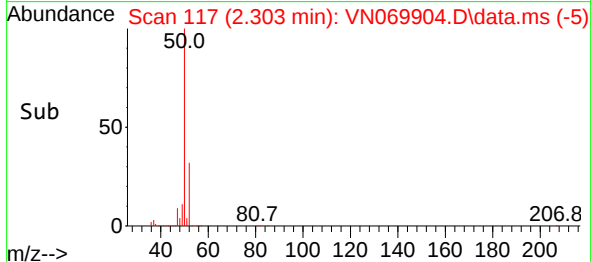
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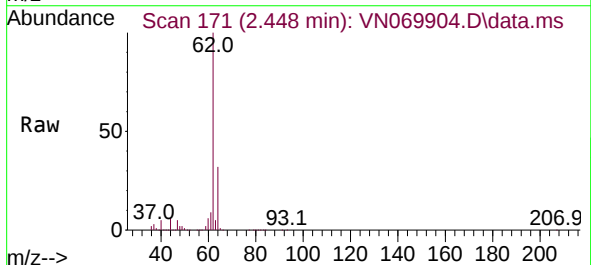
Tgt Ion: 50 Resp: 696514
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

Manual Integrations
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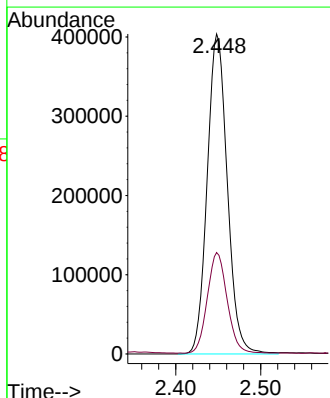
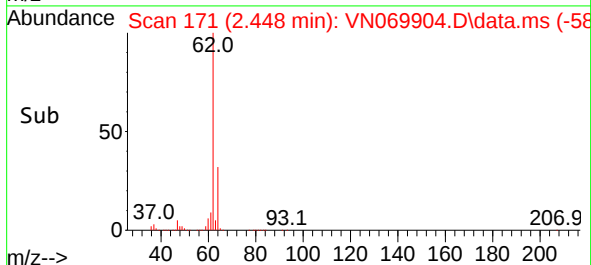
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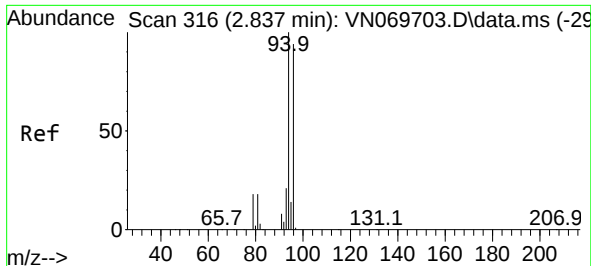


#4
Vinyl Chloride
Concen: 46.842 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



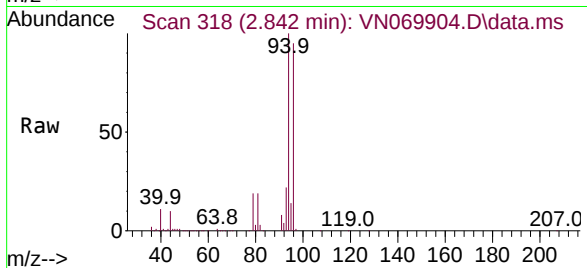
Tgt Ion: 62 Resp: 663989
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 51.466 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

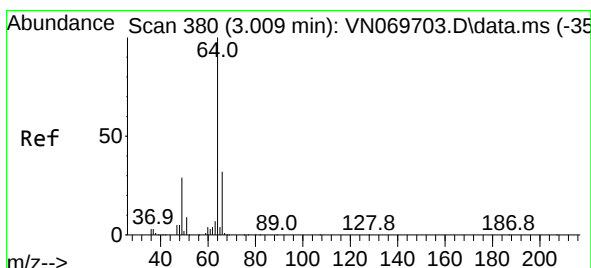
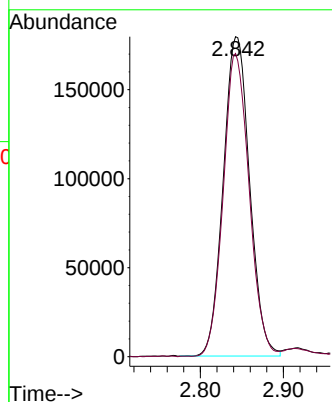
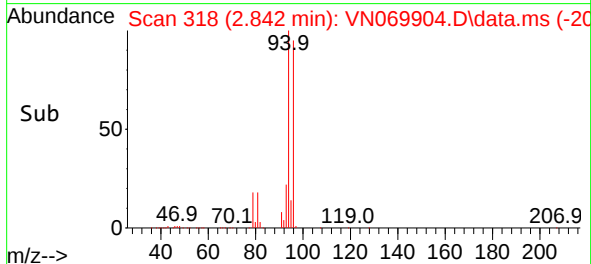
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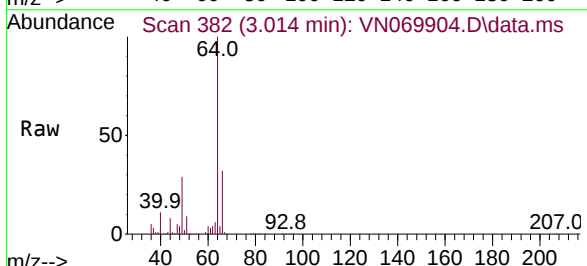
Tgt Ion: 94 Resp: 396340
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.8

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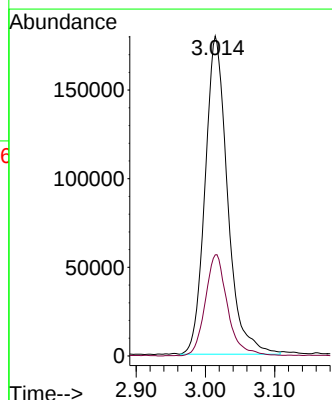
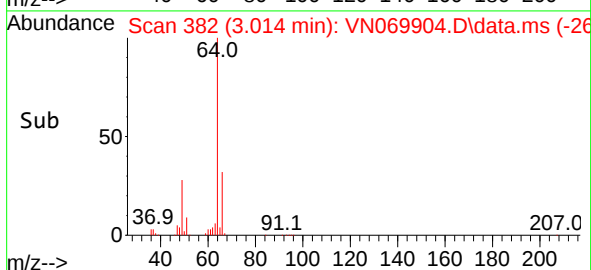
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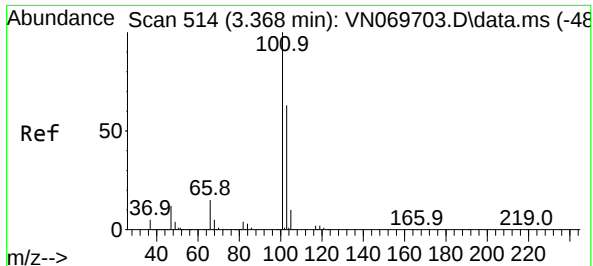


#6
Chloroethane
Concen: 46.572 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion: 64 Resp: 404539
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





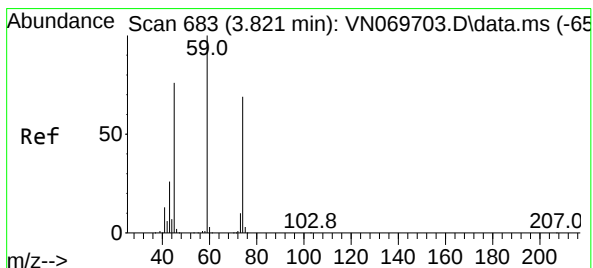
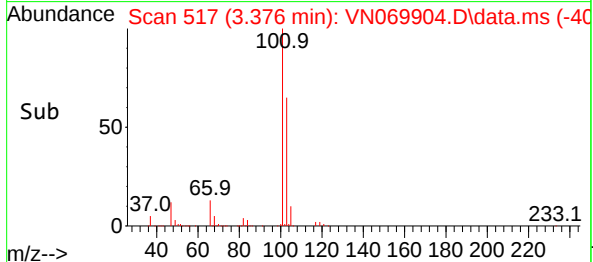
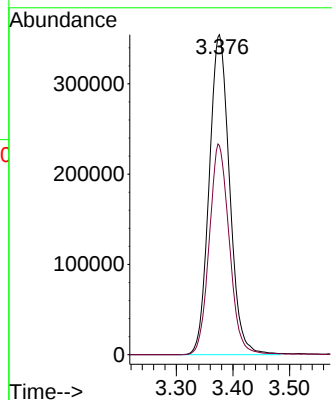
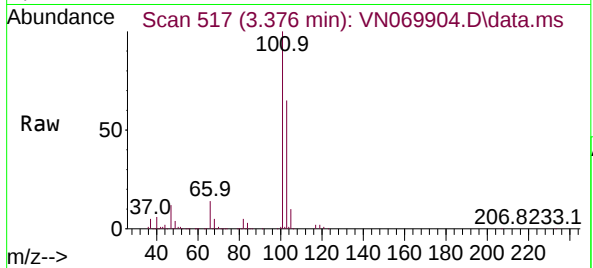
#7
Trichlorofluoromethane
Concen: 47.733 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 88804
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

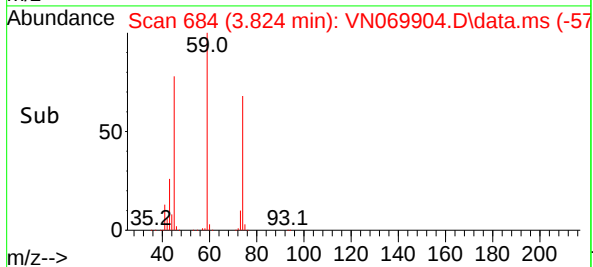
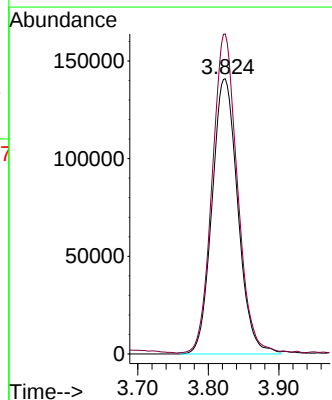
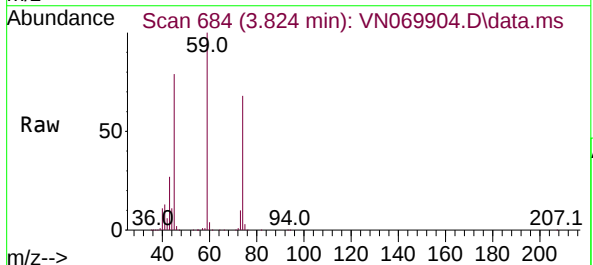
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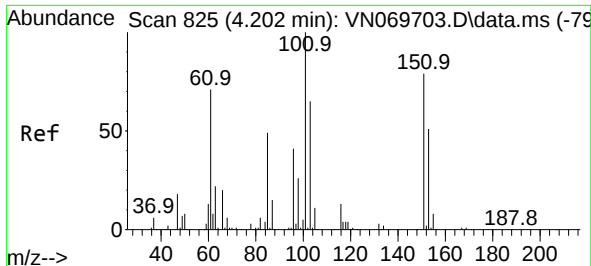
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 49.923 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 74 Resp: 357713
Ion Ratio Lower Upper
74 100
45 113.2 47.0 141.2





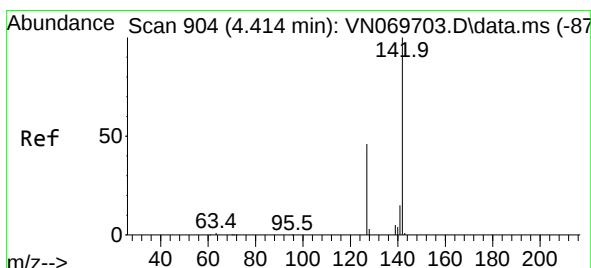
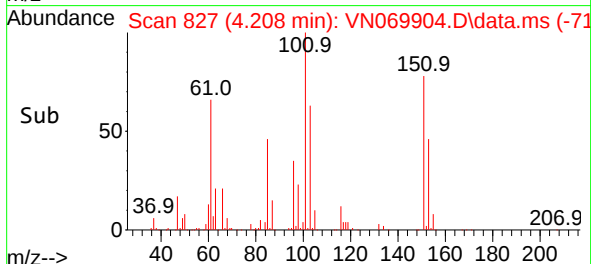
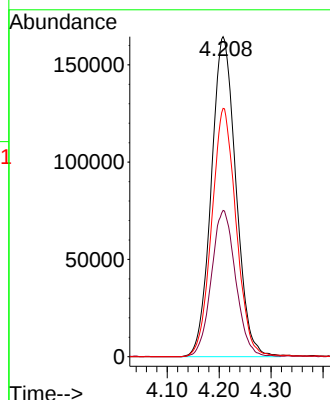
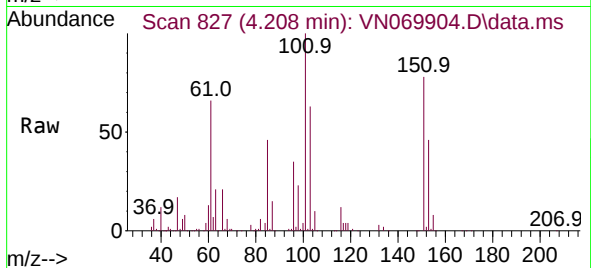
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.006 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 542350
Ion Ratio Lower Upper
101 100
85 45.0 37.2 55.8
151 76.8 65.9 98.9

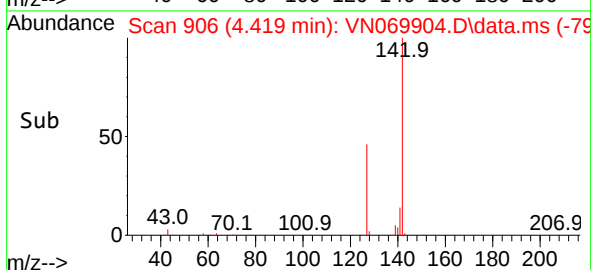
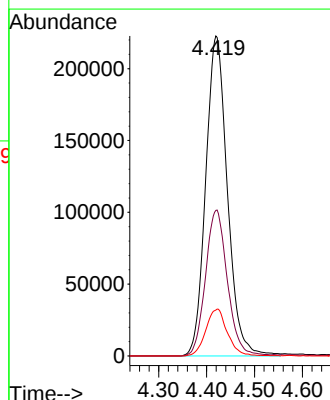
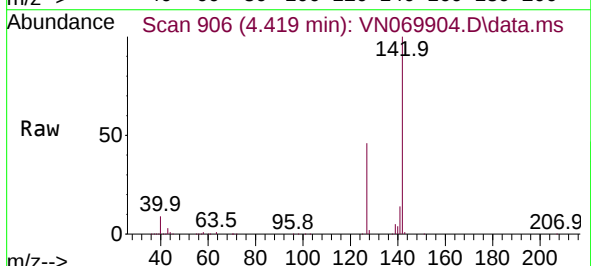
Manual Integrations
APPROVED

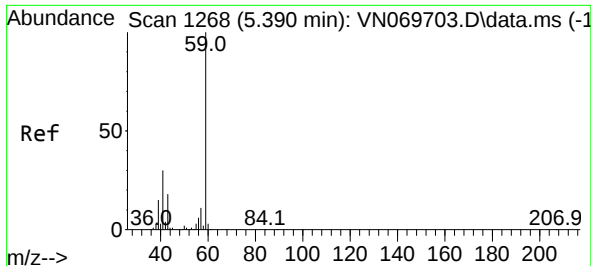
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 49.255 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

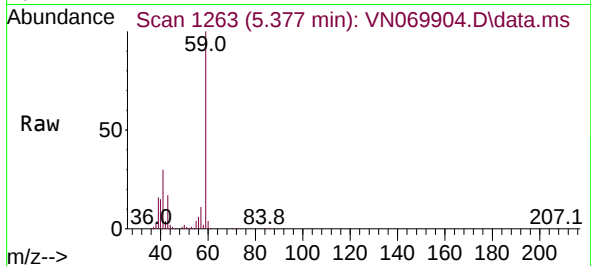
Tgt Ion:142 Resp: 701723
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 197.529 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

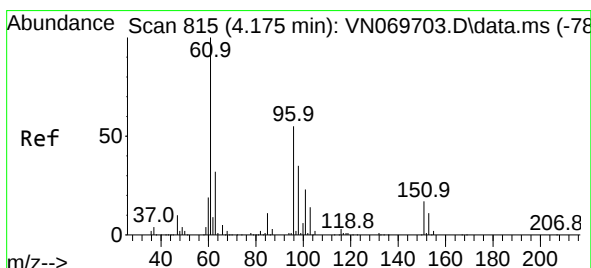
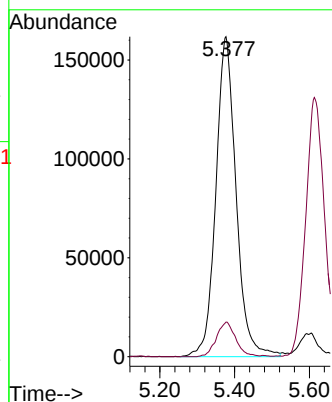
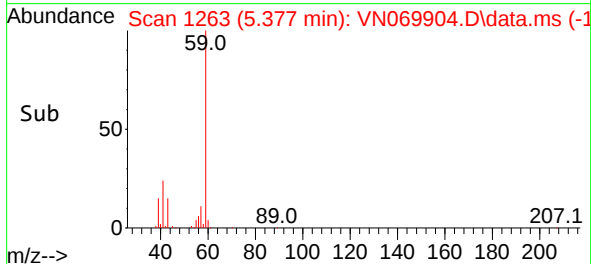
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



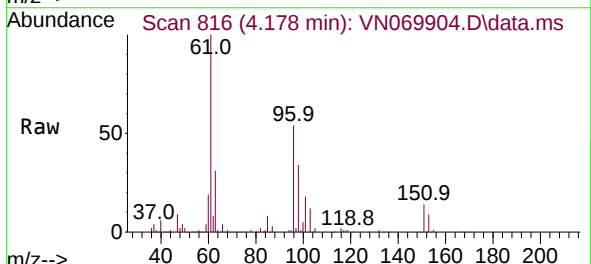
Tgt Ion: 59 Resp: 60821
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

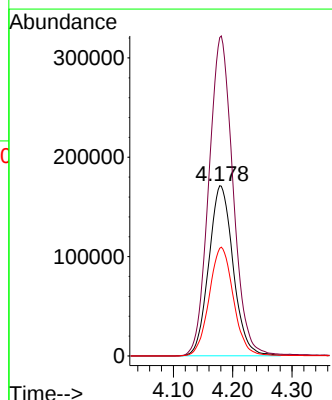
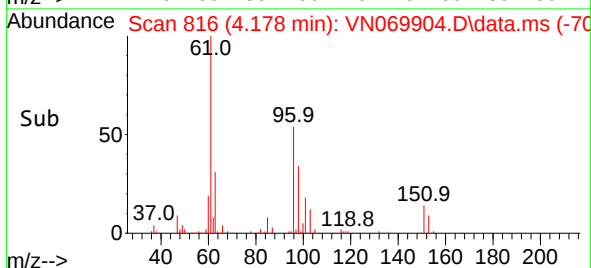
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 48.598 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



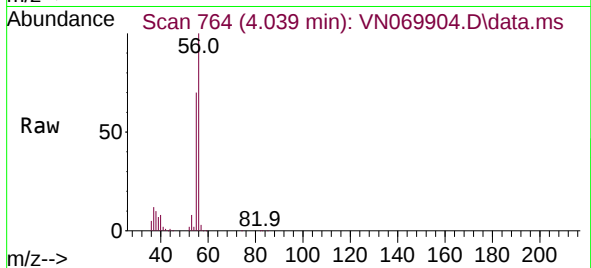
Tgt Ion: 96 Resp: 488382
Ion Ratio Lower Upper
96 100
61 187.0 131.0 196.6
98 63.2 52.4 78.6





#13
Acrolein
Concen: 304.243 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

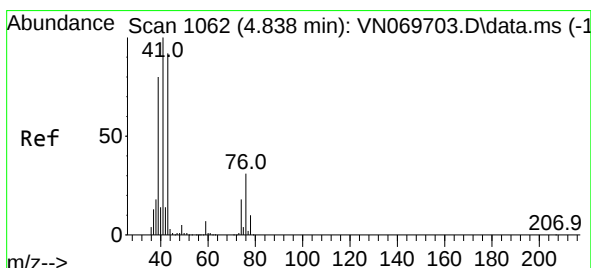
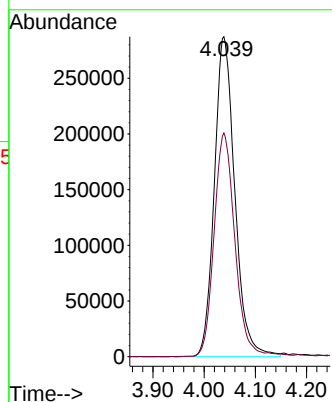
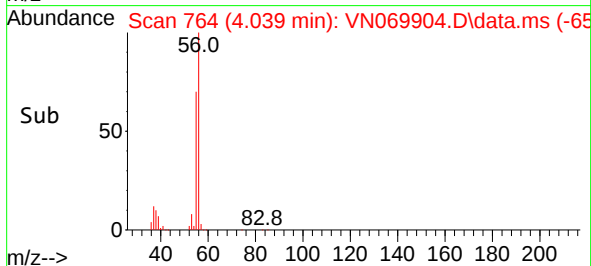
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



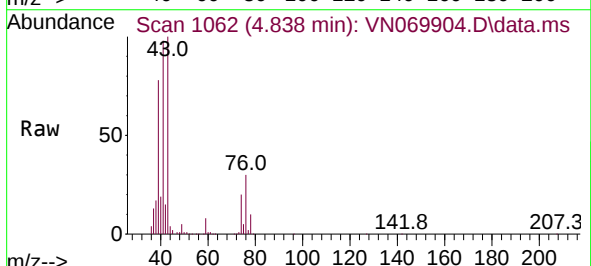
Tgt Ion: 56 Resp: 797768
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

Manual Integrations
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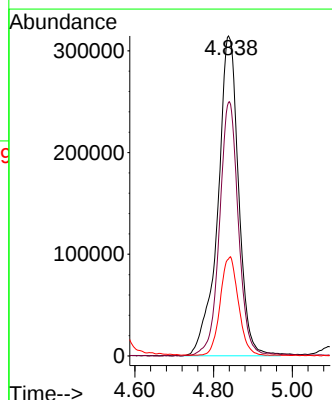
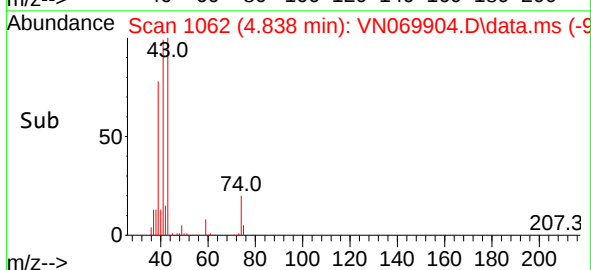
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

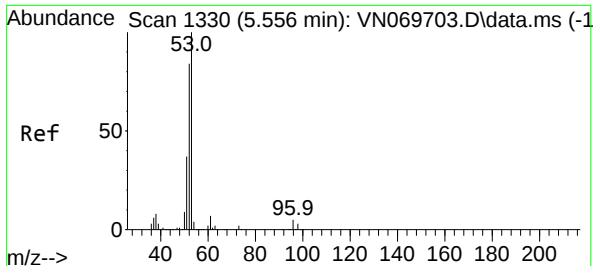


#14
Allyl chloride
Concen: 50.967 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion: 41 Resp: 1154150
Ion Ratio Lower Upper
41 100
39 72.0 61.2 91.8
76 26.7 26.0 39.0





#15

Acrylonitrile

Concen: 232.675 ug/l

RT: 5.551 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 1930524

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

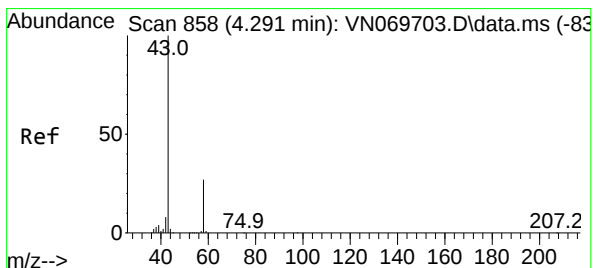
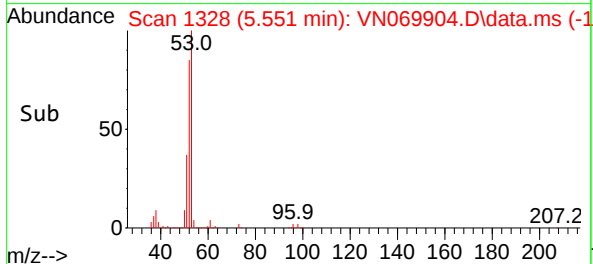
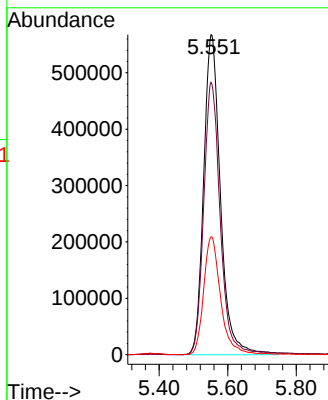
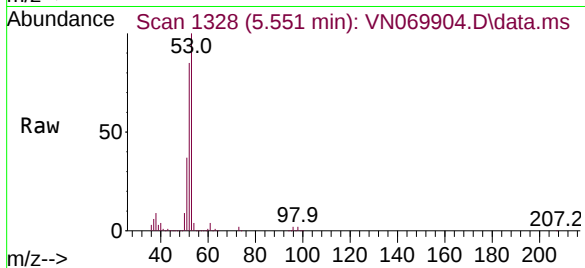
51 37.2 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#16

Acetone

Concen: 251.432 ug/l

RT: 4.283 min Scan# 855

Delta R.T. -0.008 min

Lab File: VN069904.D

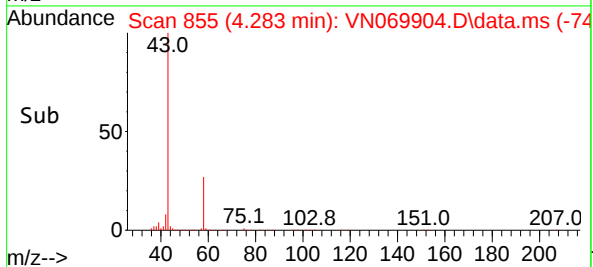
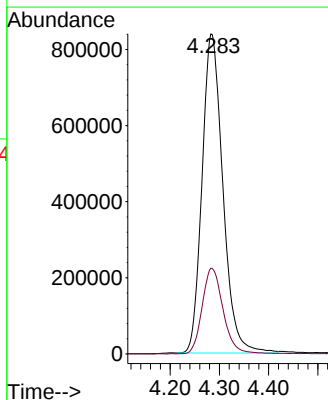
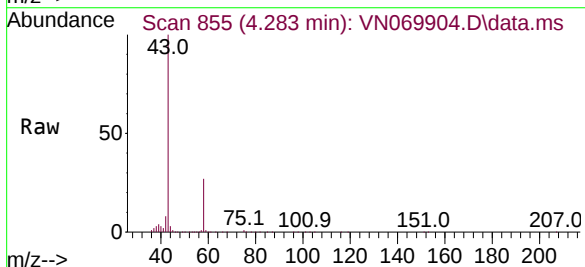
Acq: 9 Dec 2021 11:33

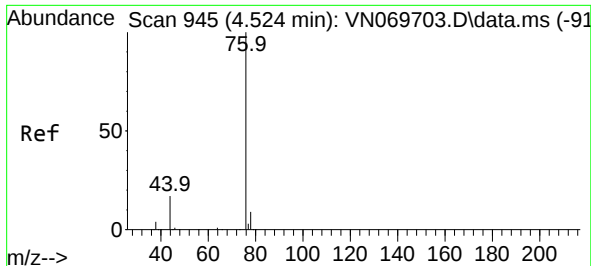
Tgt Ion: 43 Resp: 2463745

Ion Ratio Lower Upper

43 100

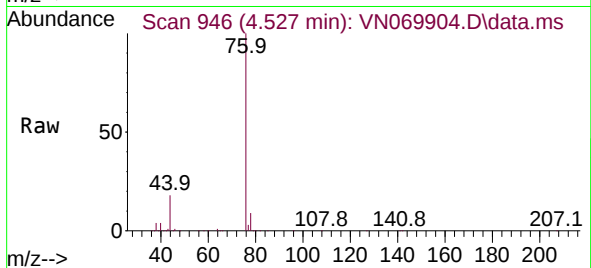
58 26.8 23.1 34.7





#17
Carbon Disulfide
Concen: 50.541 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

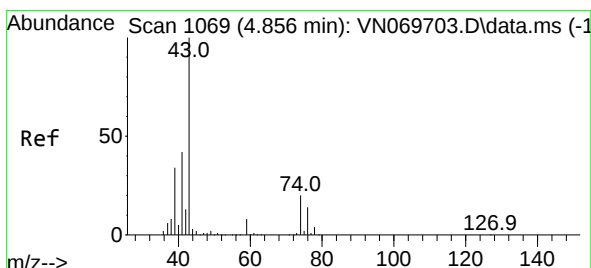
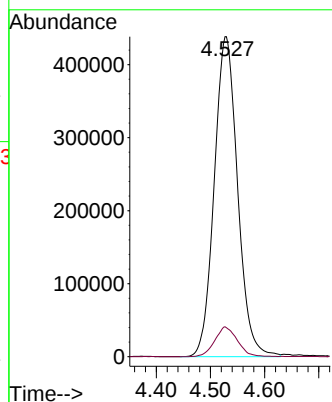
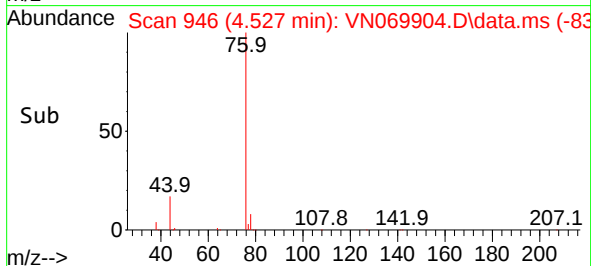
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 1312179
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

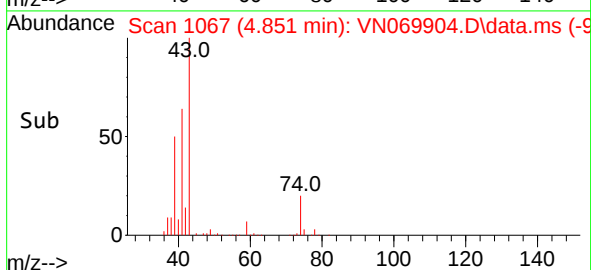
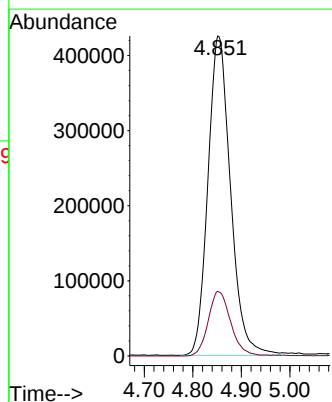
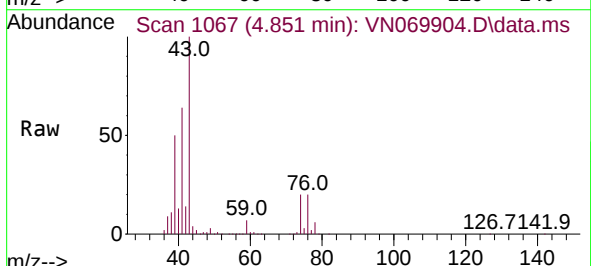
Manual Integrations
APPROVED

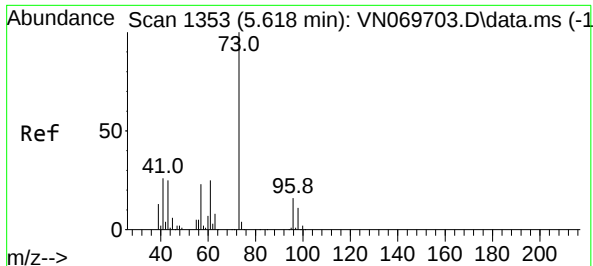
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 46.509 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

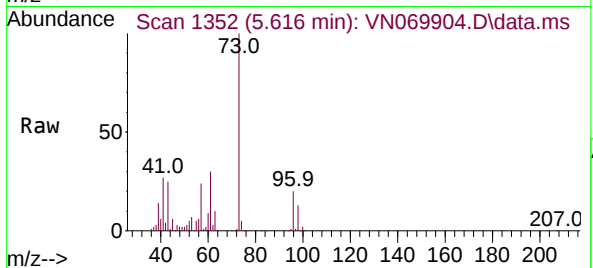
Tgt Ion: 43 Resp: 1375600
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.216 ug/l
RT: 5.616 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

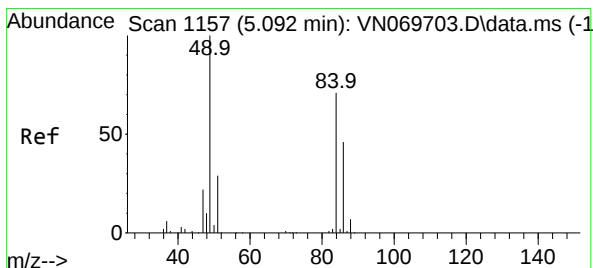
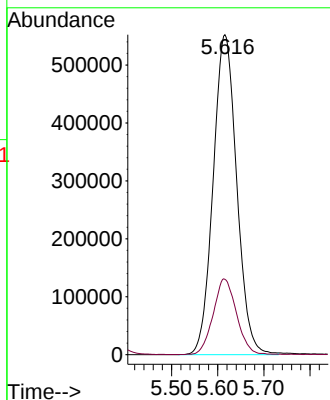
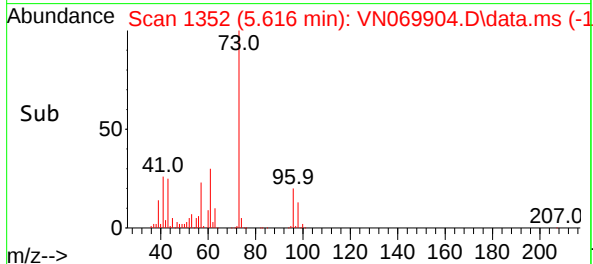
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 196219
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

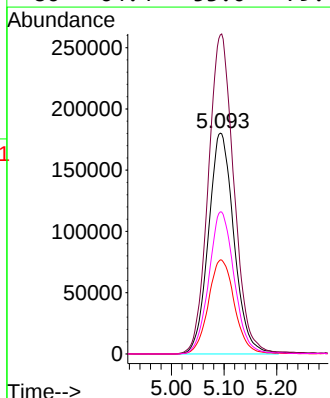
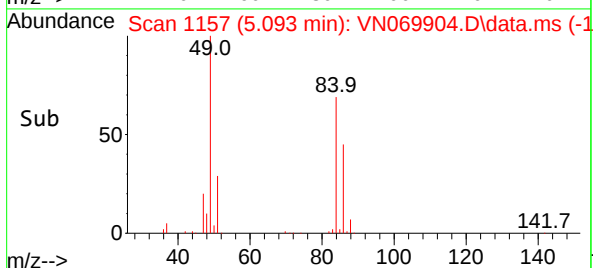
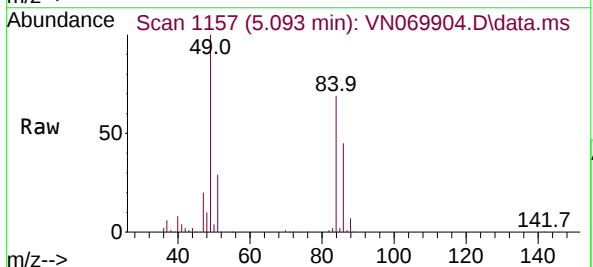
Manual Integrations
APPROVED

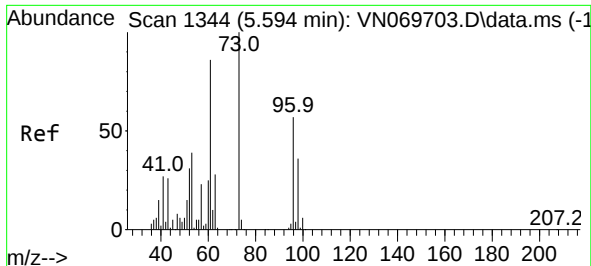
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 46.583 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

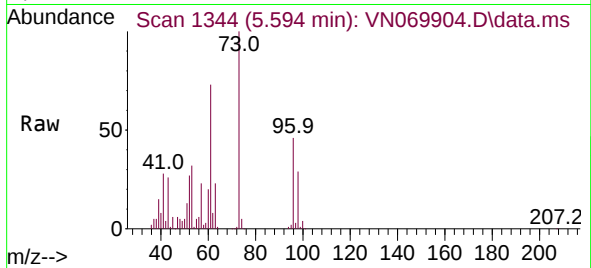
Tgt Ion: 84 Resp: 606808
Ion Ratio Lower Upper
84 100
49 144.4 93.5 140.3#
51 42.6 29.4 44.2
86 64.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.011 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

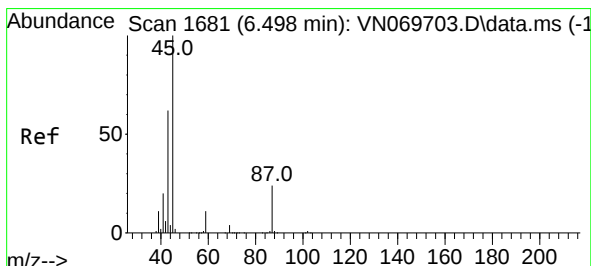
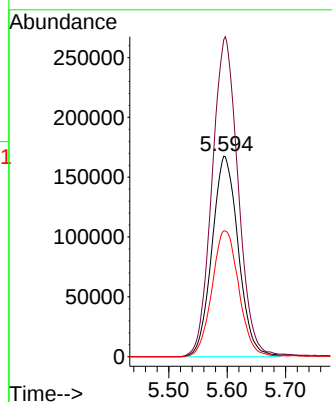
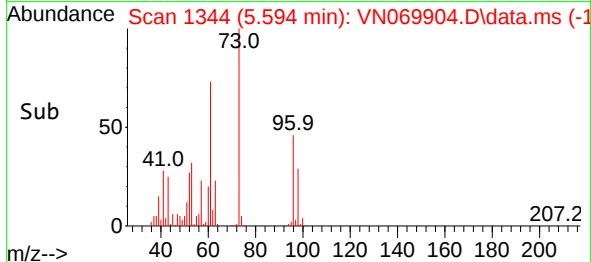
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 524050
Ion Ratio Lower Upper
96 100
61 158.1 105.8 158.6
98 62.8 52.0 78.0

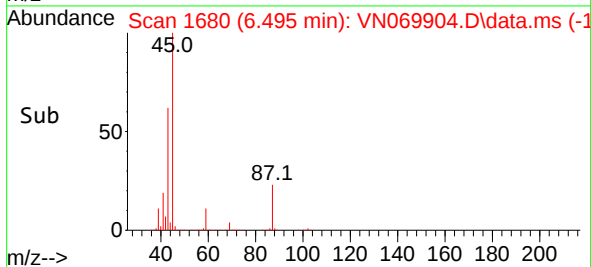
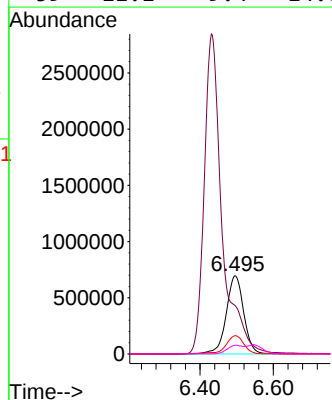
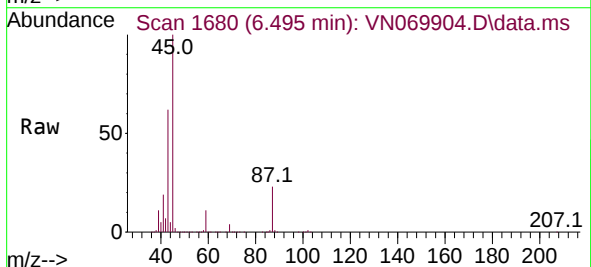
Manual Integrations
APPROVED

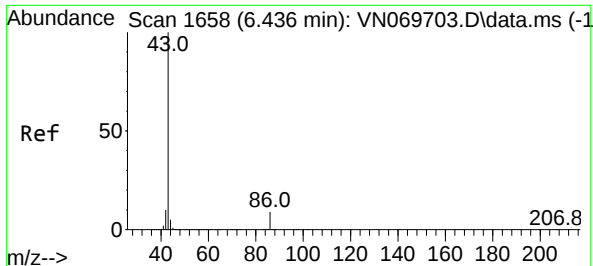
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 51.993 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

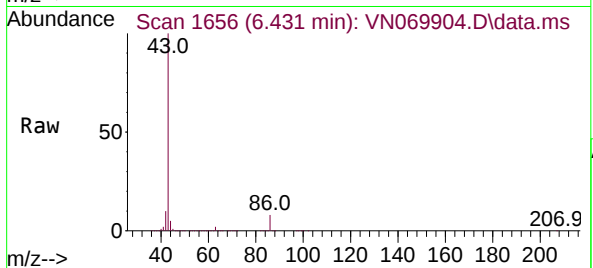
Tgt Ion: 45 Resp: 2301278
Ion Ratio Lower Upper
45 100
43 62.0 51.7 77.5
87 23.2 23.2 34.8#
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 267.049 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33

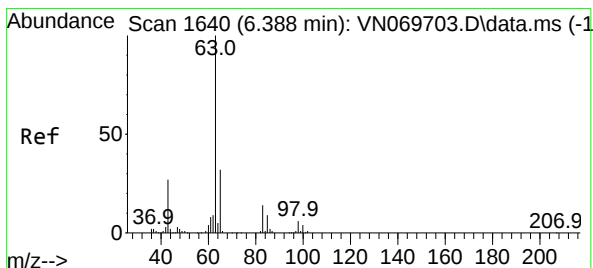
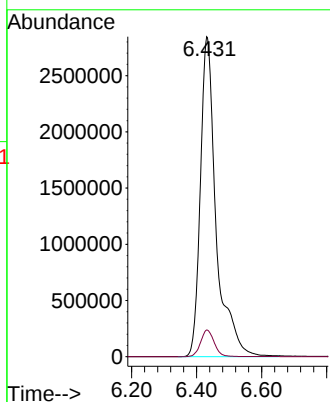
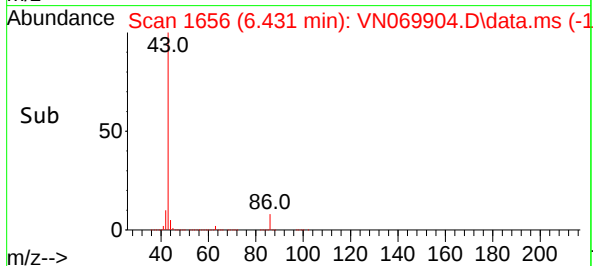
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



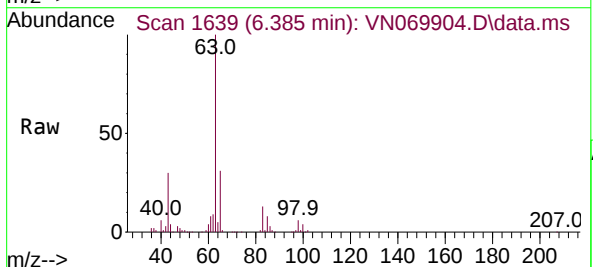
Tgt Ion: 43 Resp: 9616154
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
 APPROVED

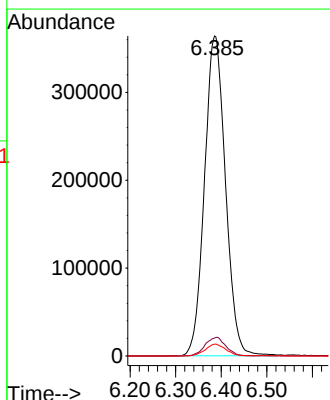
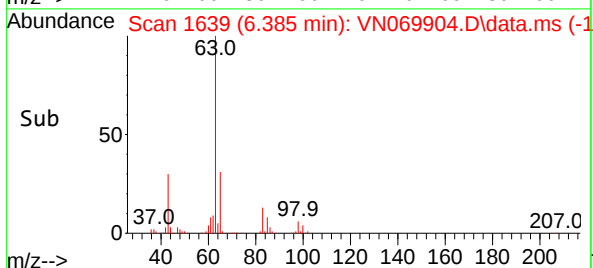
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

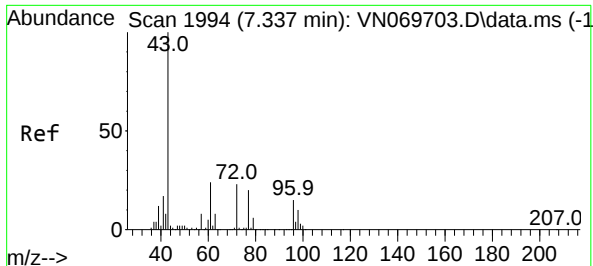


#24
 1,1-Dichloroethane
 Concen: 50.773 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33



Tgt Ion: 63 Resp: 1164114
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.7 2.1 6.5





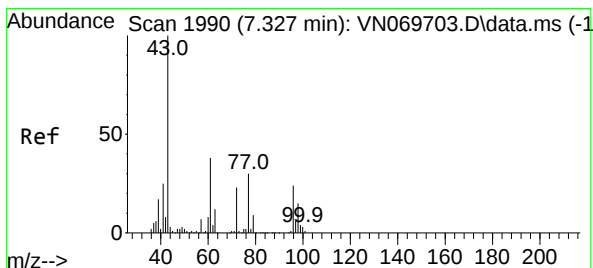
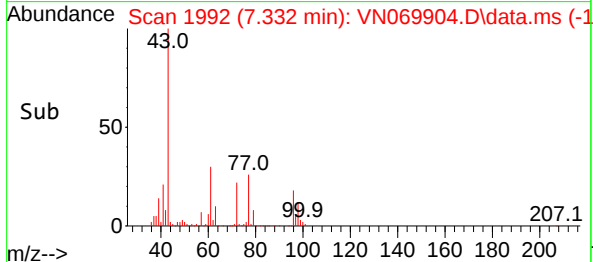
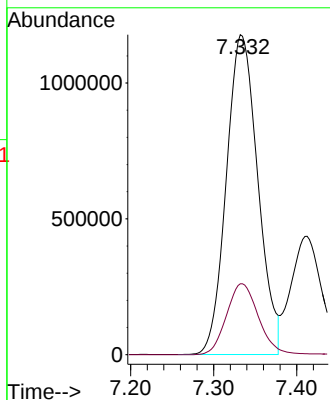
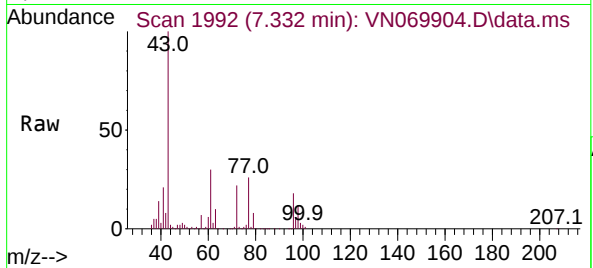
#25
2-Butanone
Concen: 232.759 ug/l
RT: 7.332 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3098900
Ion Ratio Lower Upper
43 100
72 22.2 21.7 32.5

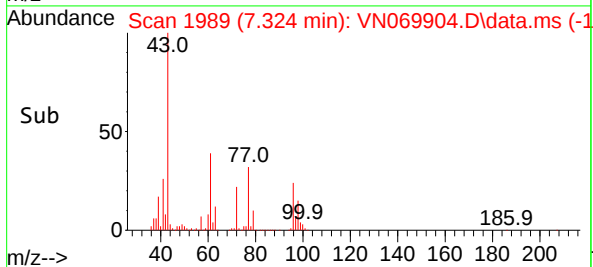
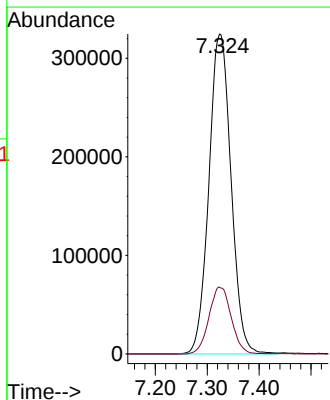
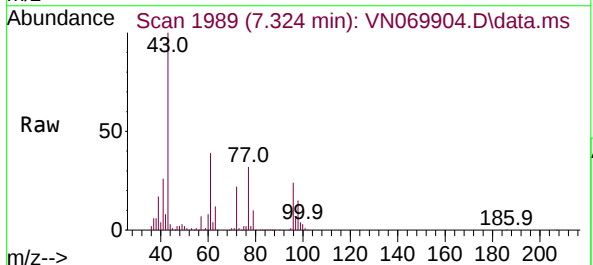
Manual Integrations
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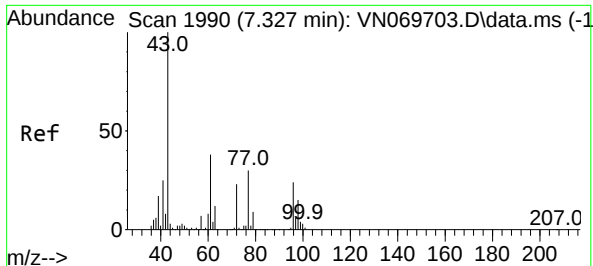
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 54.042 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

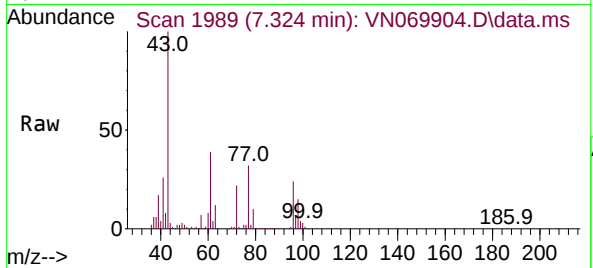
Tgt Ion: 77 Resp: 963383
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.974 ug/l
 RT: 7.324 min Scan# 1990
 Delta R.T. -0.003 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33

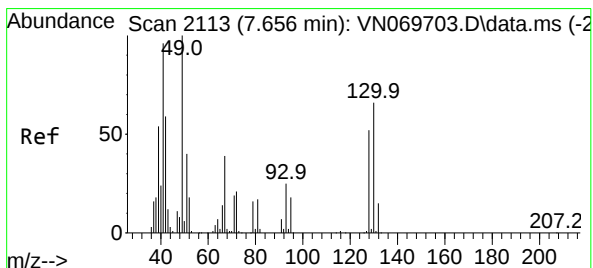
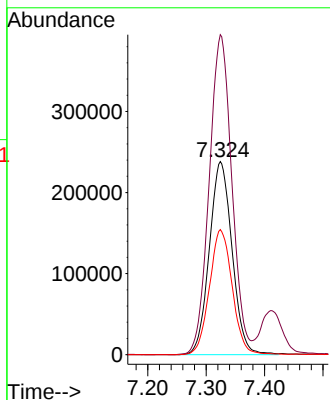
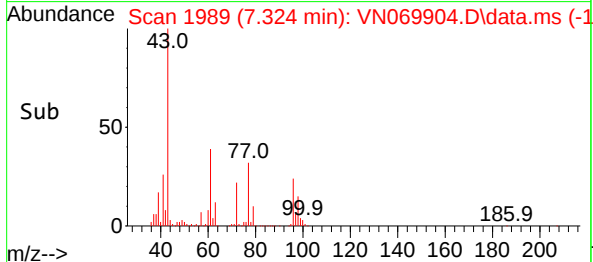
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 64585
 Ion Ratio Lower Upper
 96 100
 61 164.5 0.0 275.0
 98 64.7 0.0 129.6

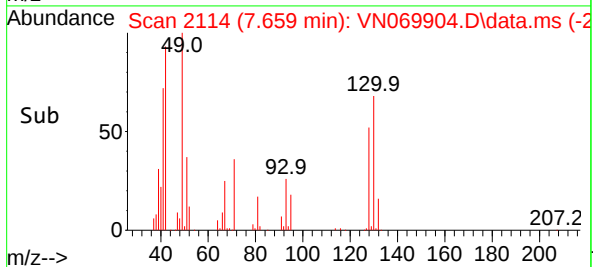
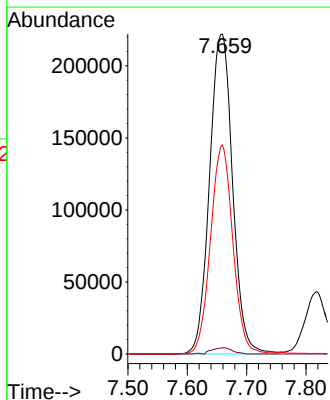
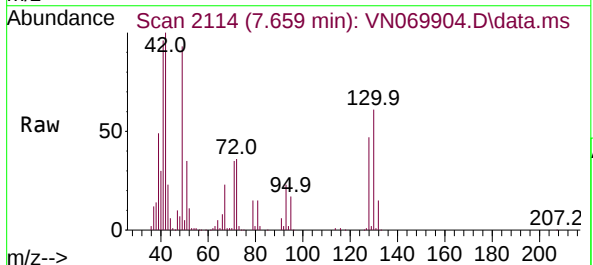
Manual Integrations
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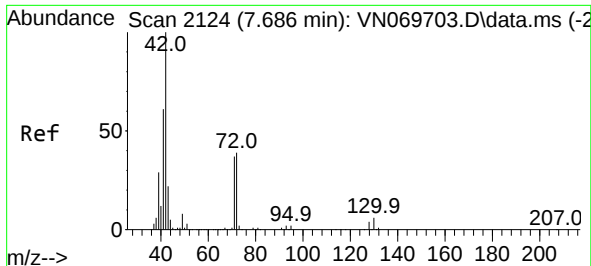
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#28
 Bromochloromethane
 Concen: 50.297 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33

Tgt Ion: 49 Resp: 599674
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 63.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 224.831 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 181763

Ion Ratio Lower Upper

42 100

72 37.5 36.3 54.5

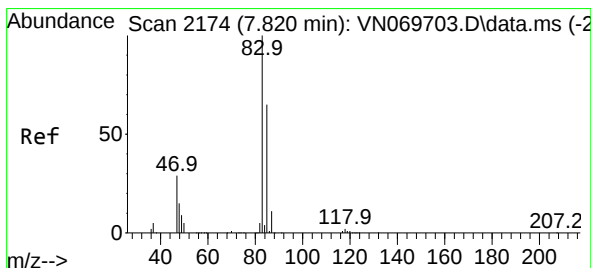
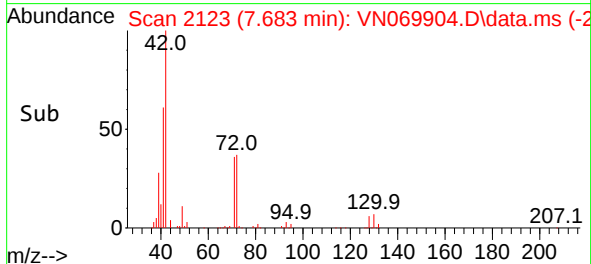
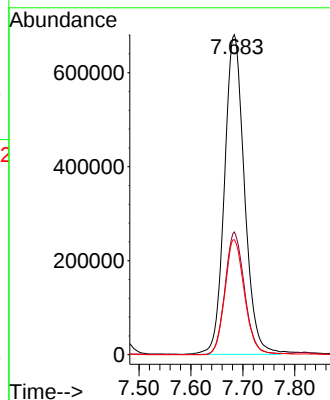
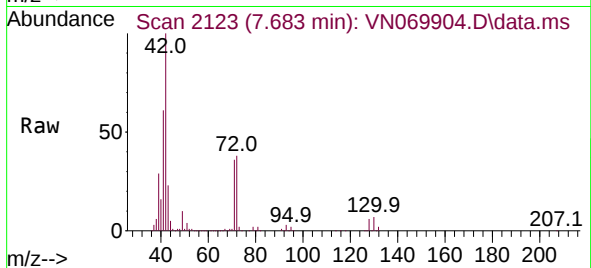
71 35.5 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 50.057 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069904.D

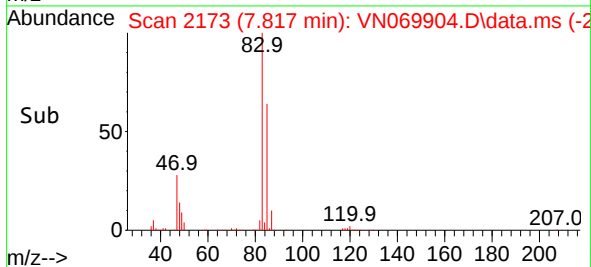
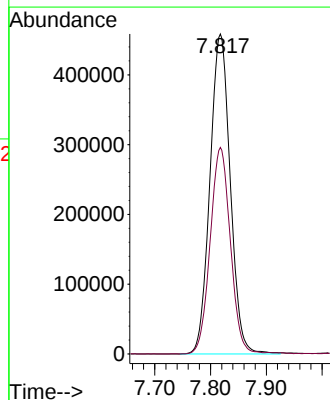
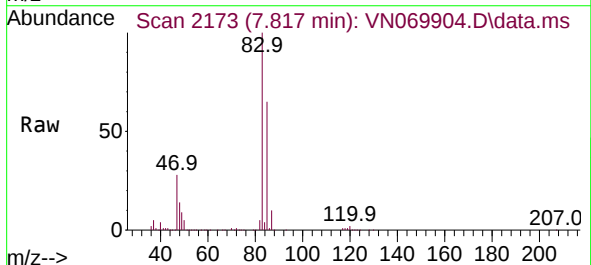
Acq: 9 Dec 2021 11:33

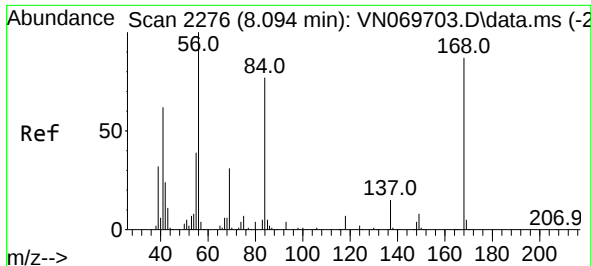
Tgt Ion: 83 Resp: 1159102

Ion Ratio Lower Upper

83 100

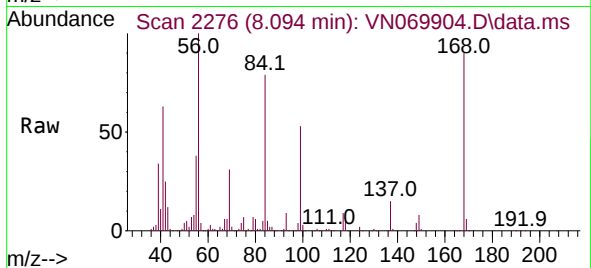
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 47.812 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

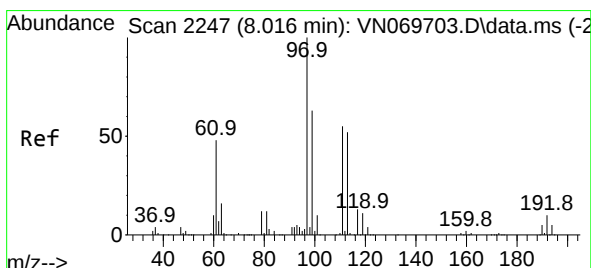
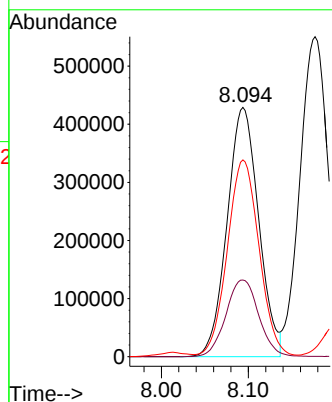
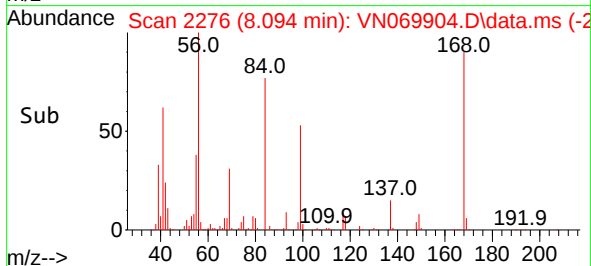
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 108387
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 77.6 73.4 110.0

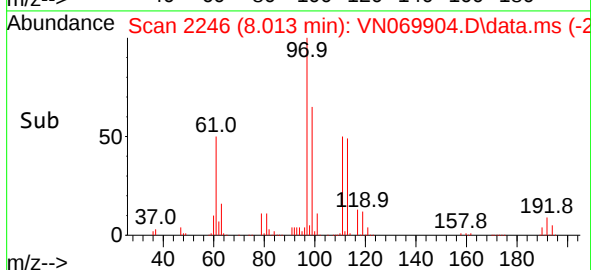
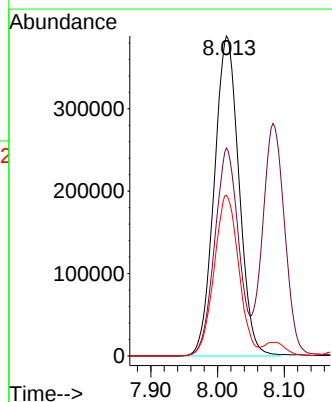
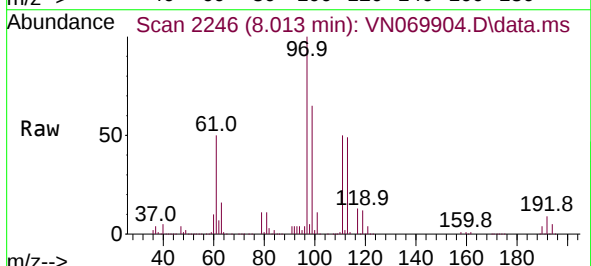
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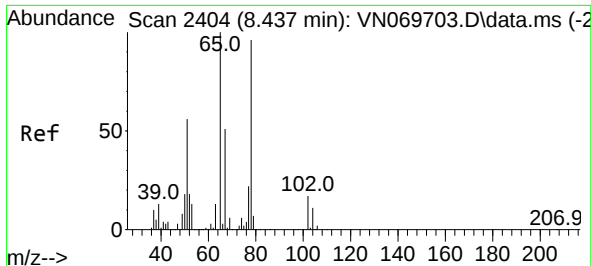
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 50.648 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 97 Resp: 998974
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.945 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 74842

Ion Ratio Lower Upper

65 100

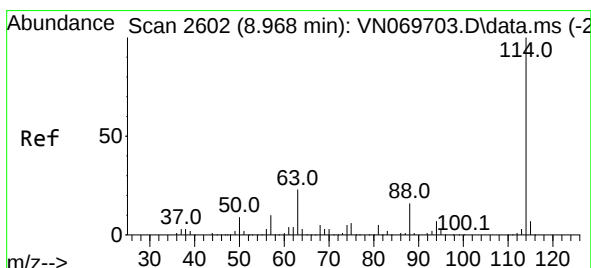
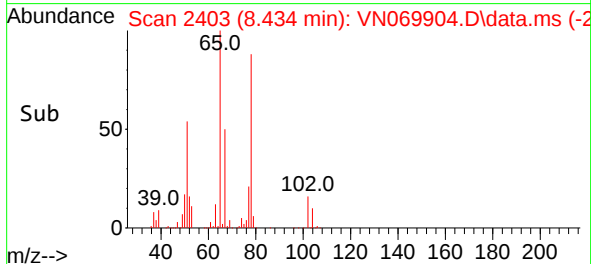
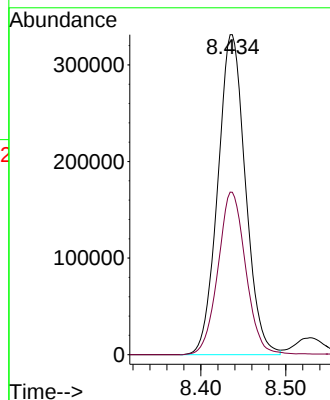
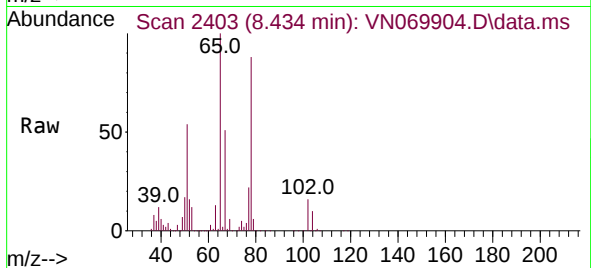
67 50.9 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

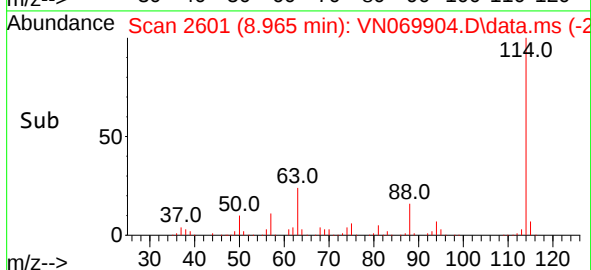
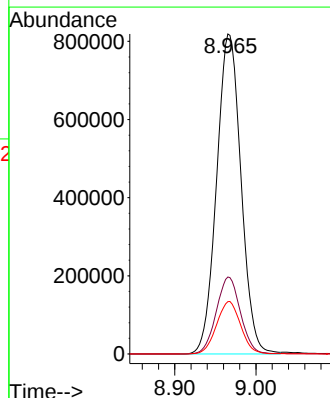
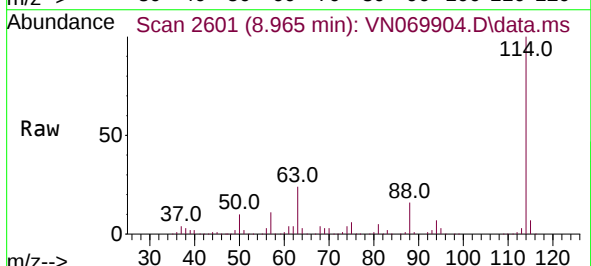
Tgt Ion:114 Resp: 1708493

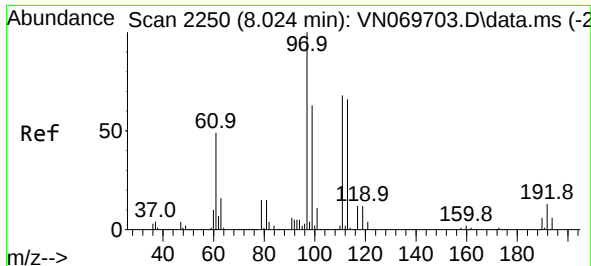
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

88 16.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 8.021 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 51287

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

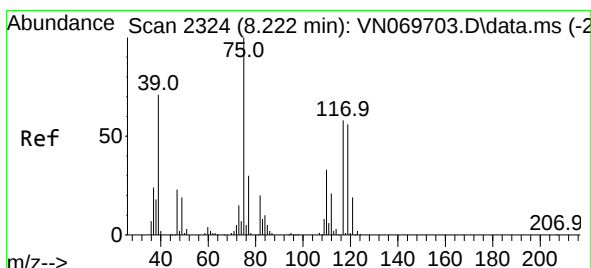
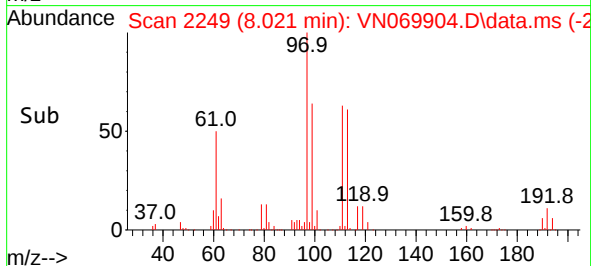
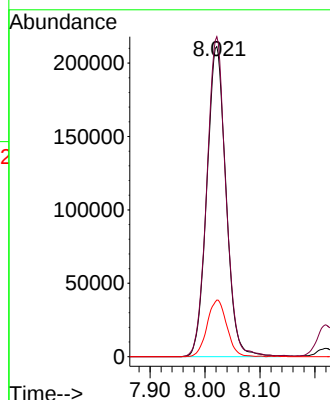
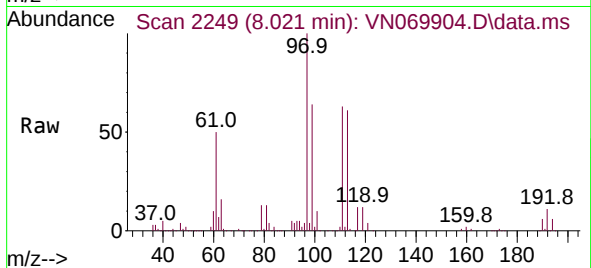
192 18.7 16.9 25.3

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#36

1,1-Dichloropropene

Concen: 51.330 ug/l

RT: 8.220 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

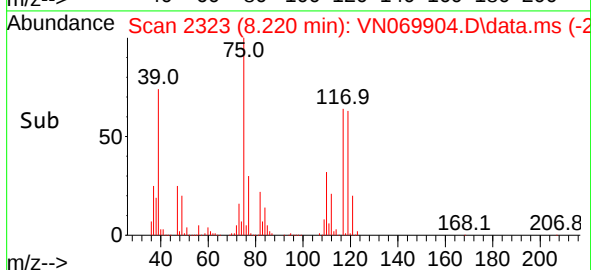
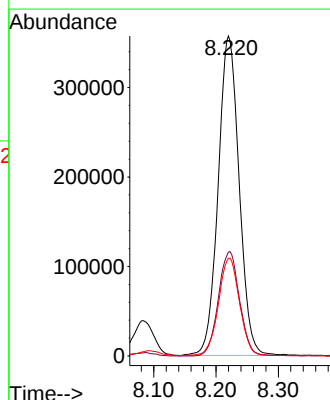
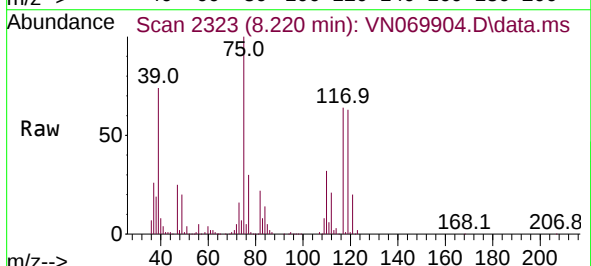
Tgt Ion: 75 Resp: 834844

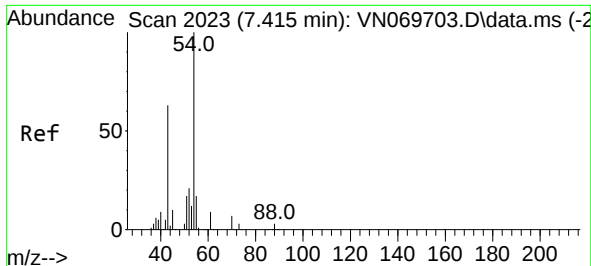
Ion Ratio Lower Upper

75 100

110 33.0 18.4 55.2

77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 46.738 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 113141

Ion Ratio Lower Upper

43 100

61 12.1 11.5 17.3

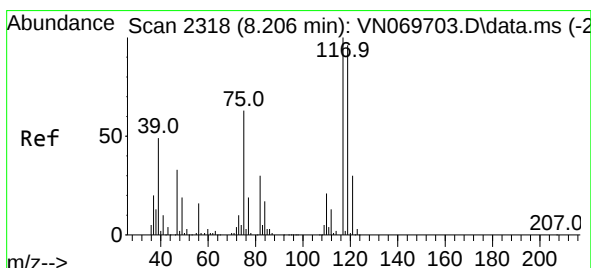
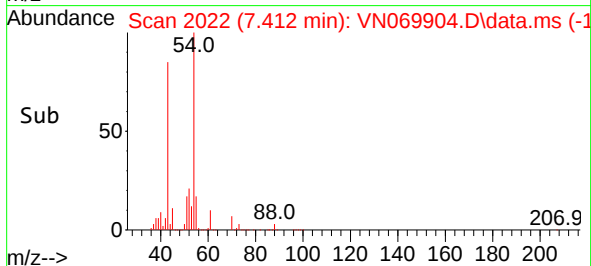
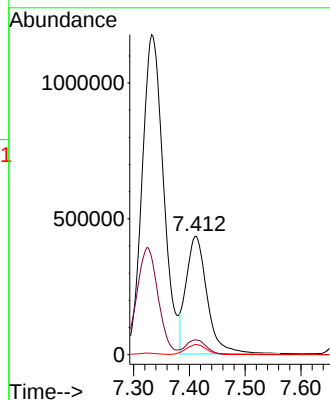
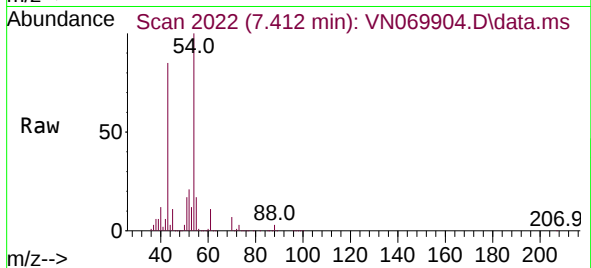
70 8.4 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 53.835 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

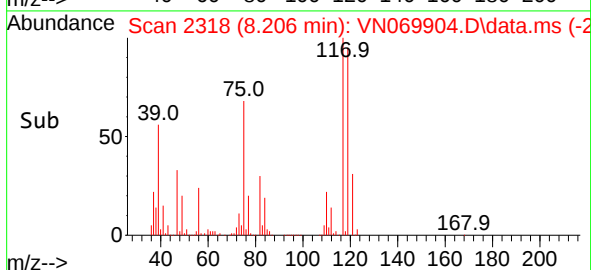
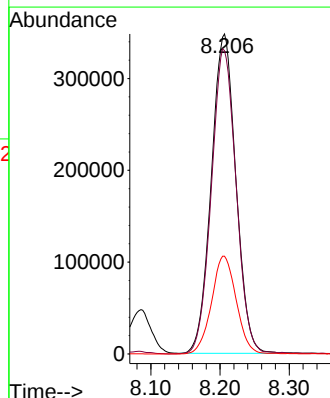
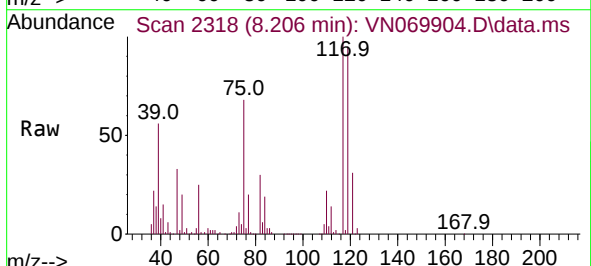
Tgt Ion:117 Resp: 858616

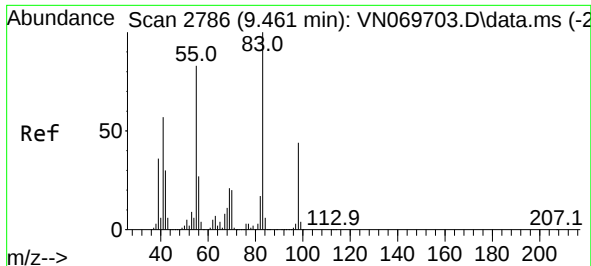
Ion Ratio Lower Upper

117 100

119 94.9 76.1 114.1

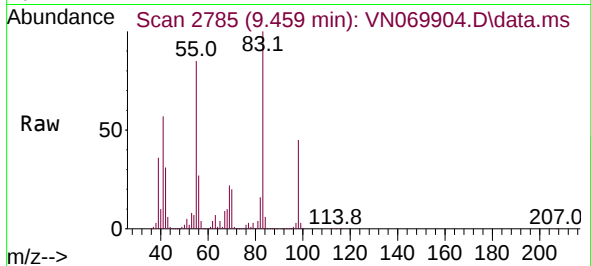
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 53.422 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

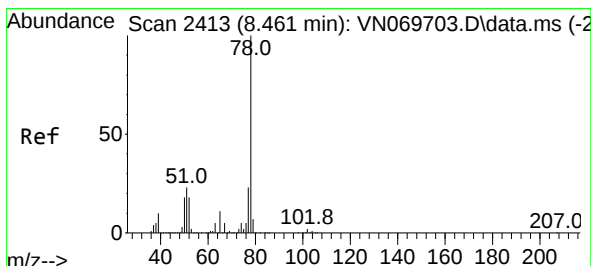
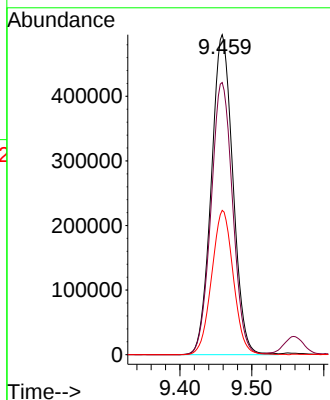
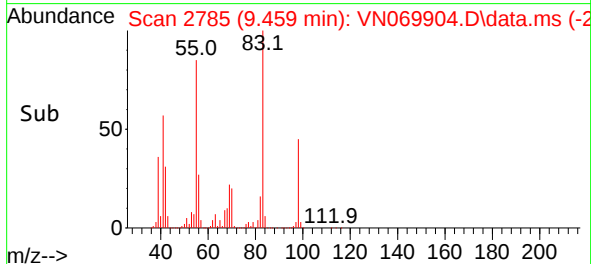
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 1033500
Ion Ratio Lower Upper
83 100
55 85.0 58.1 87.1
98 45.1 38.4 57.6

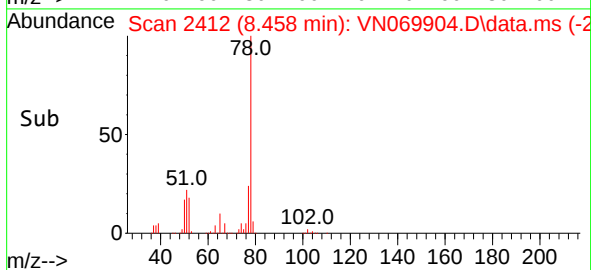
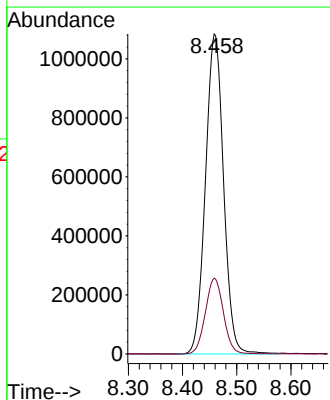
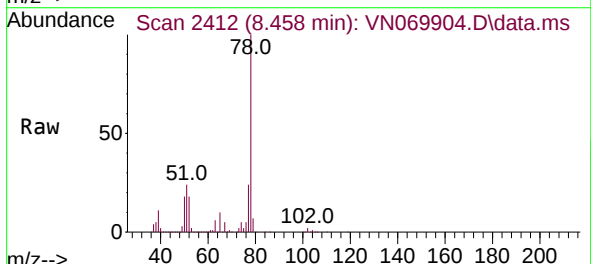
Manual Integrations
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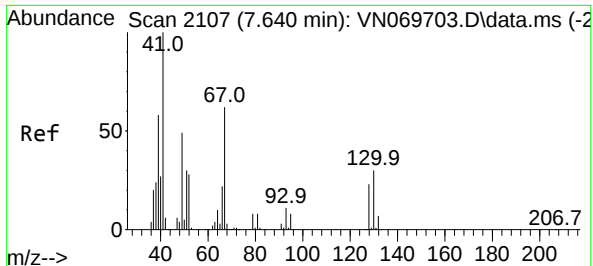
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#40
Benzene
Concen: 50.592 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

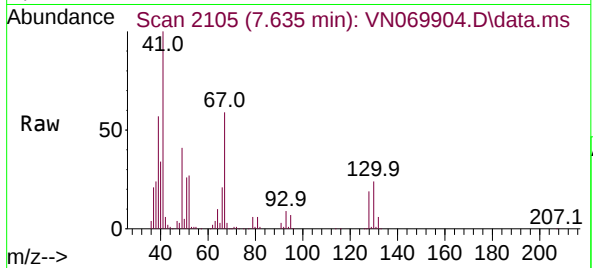
Tgt Ion: 78 Resp: 2515125
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 51.939 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. -0.005 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

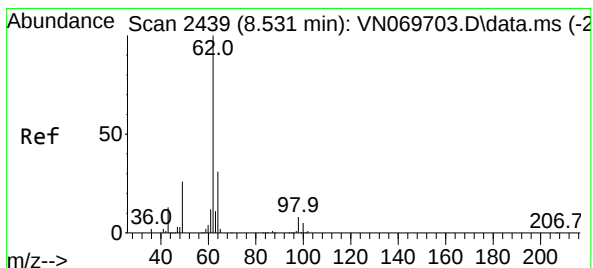
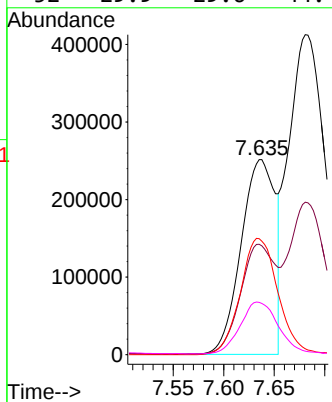
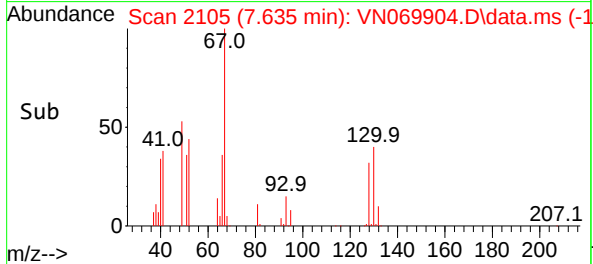
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 590214
Ion Ratio Lower Upper
41 100
39 56.2 48.1 72.1
67 66.2 68.3 102.5
52 29.9 29.6 44.4

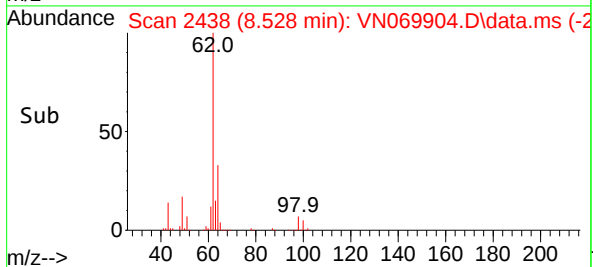
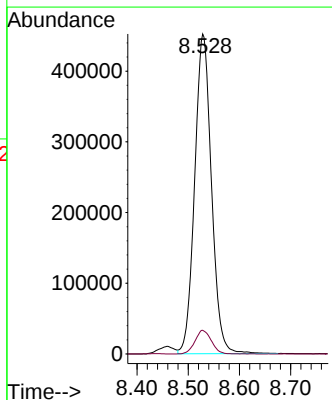
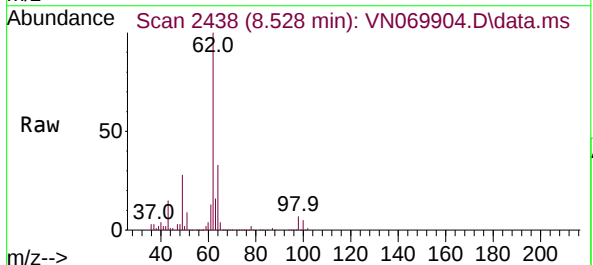
Manual Integrations
APPROVED

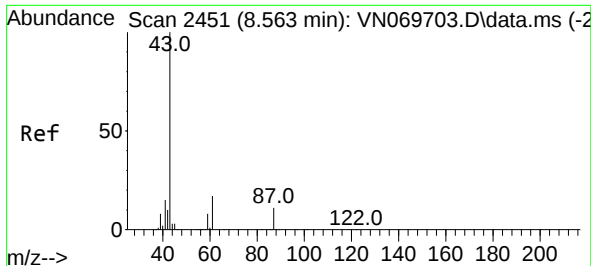
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 51.284 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 62 Resp: 1029192
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6





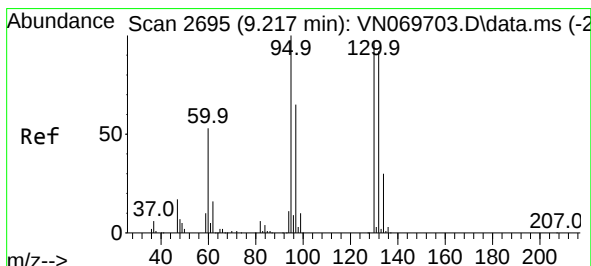
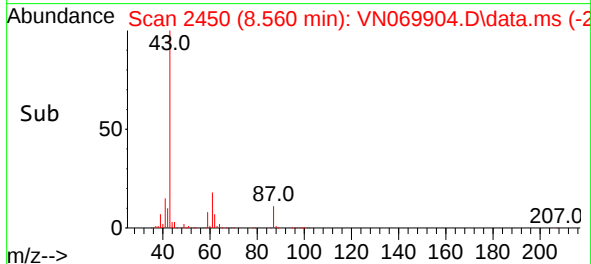
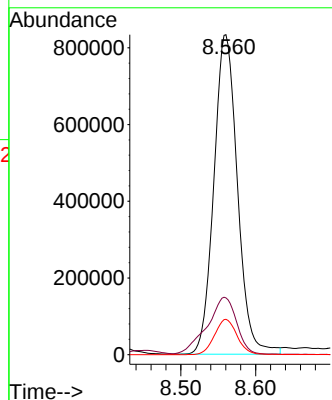
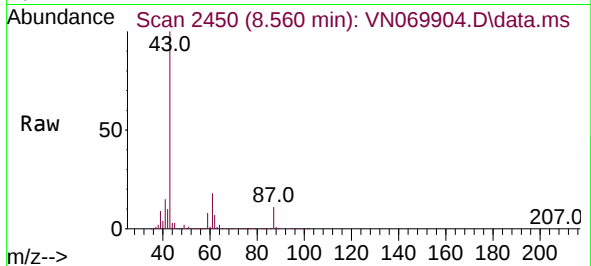
#43
Isopropyl Acetate
Concen: 50.974 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 182604
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.6 11.2 16.8

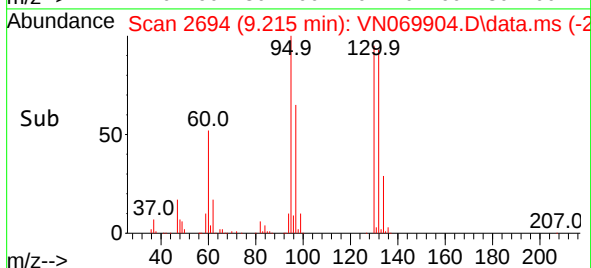
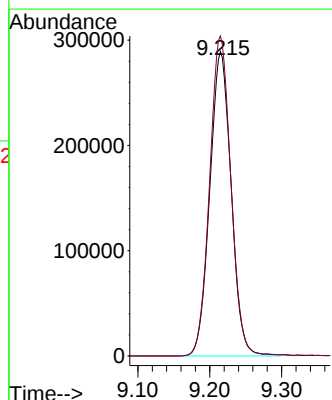
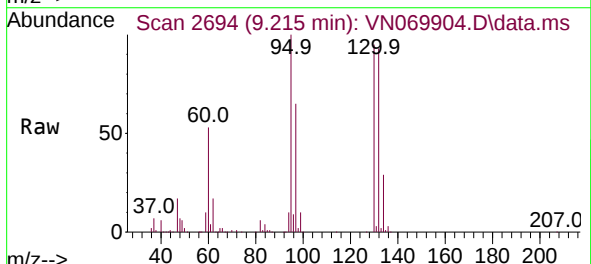
Manual Integrations
APPROVED

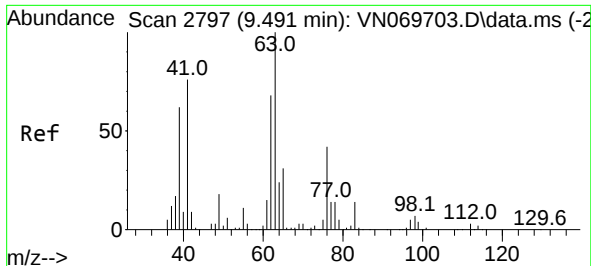
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 50.220 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

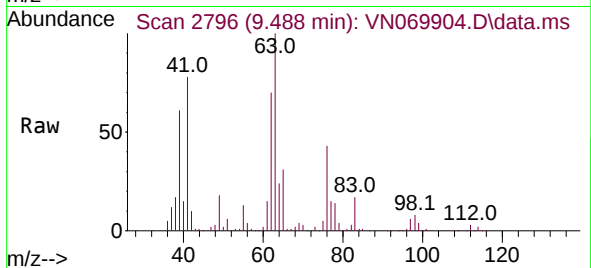
Tgt Ion:130 Resp: 595896
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 52.240 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

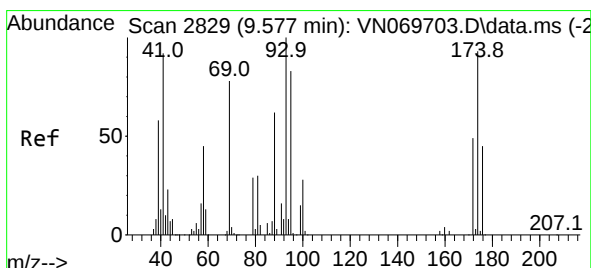
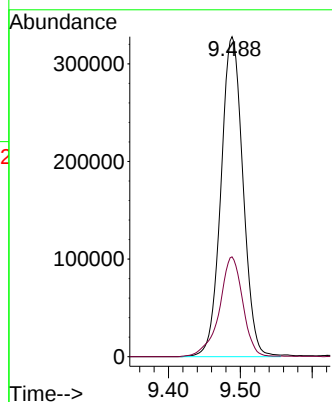
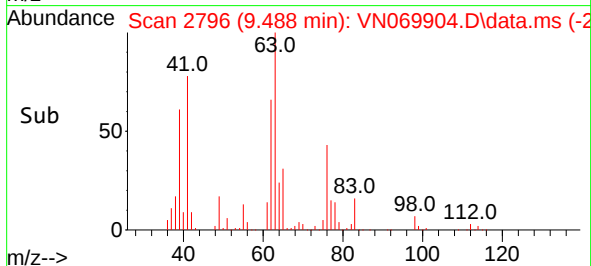
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



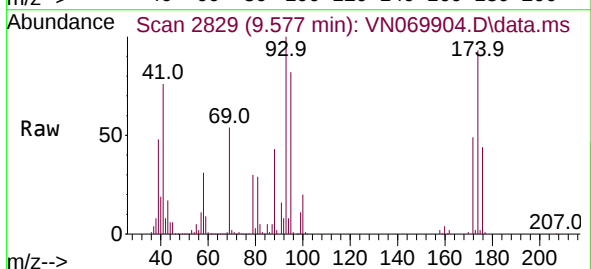
Tgt Ion: 63 Resp: 69740
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

Manual Integrations
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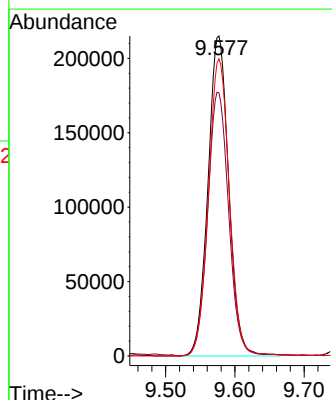
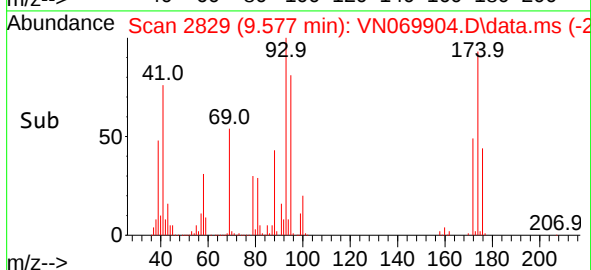
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

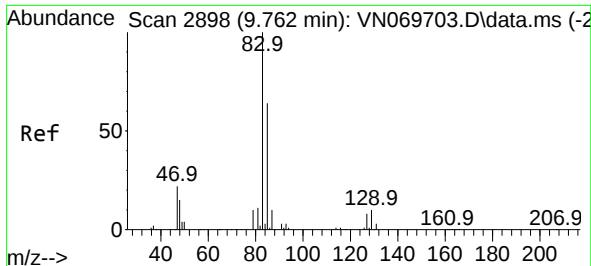


#46
Dibromomethane
Concen: 51.178 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion: 93 Resp: 448081
Ion Ratio Lower Upper
93 100
95 83.4 65.9 98.9
174 92.8 84.6 127.0





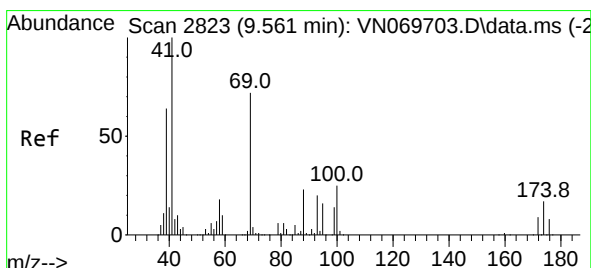
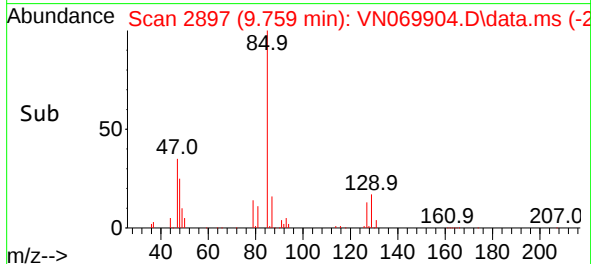
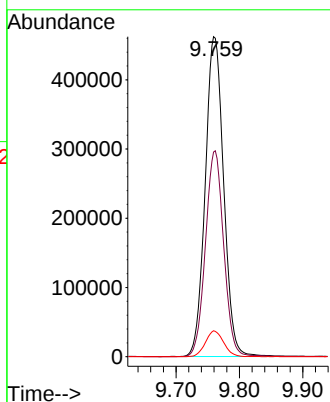
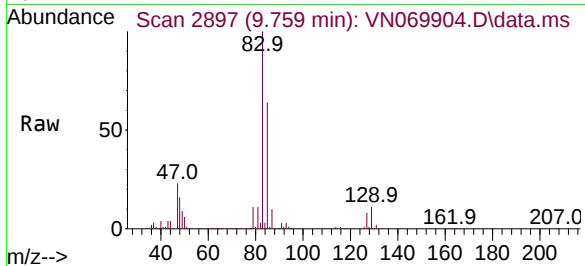
#47
Bromodichloromethane
Concen: 56.399 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93492
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.1 7.1 10.7

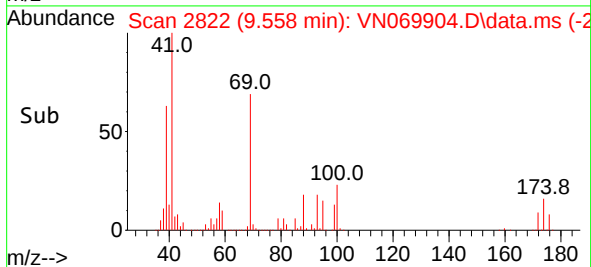
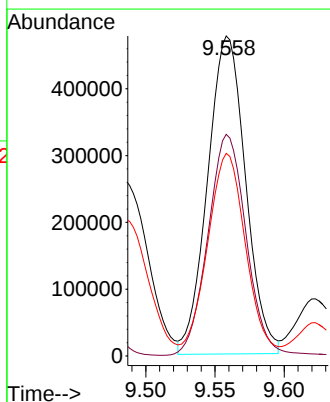
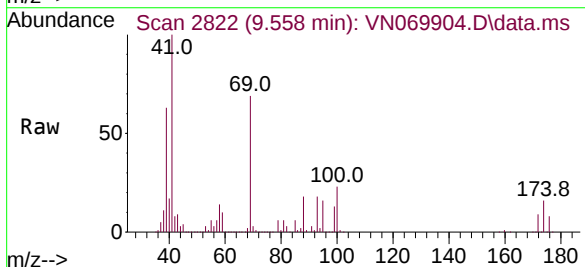
Manual Integrations
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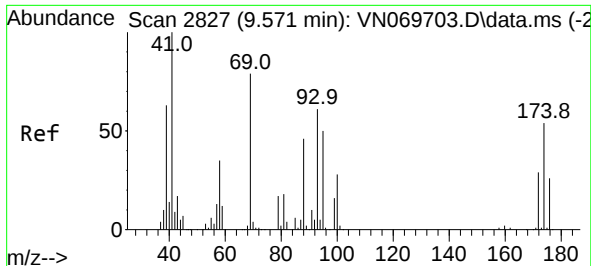
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 54.389 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 41 Resp: 909264
Ion Ratio Lower Upper
41 100
69 70.1 72.4 108.6
39 63.5 58.4 87.6





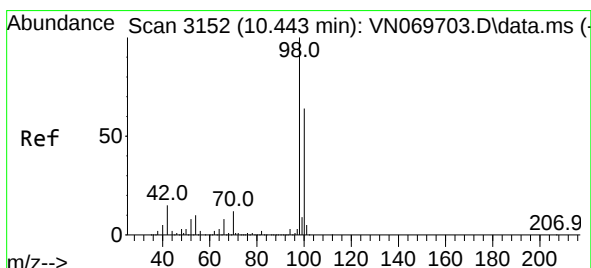
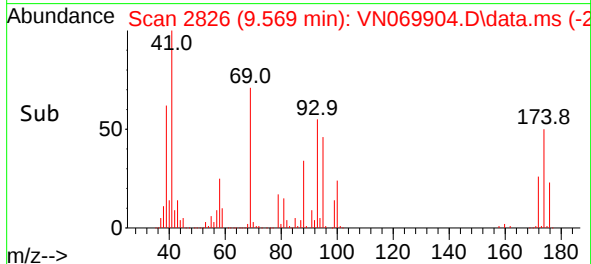
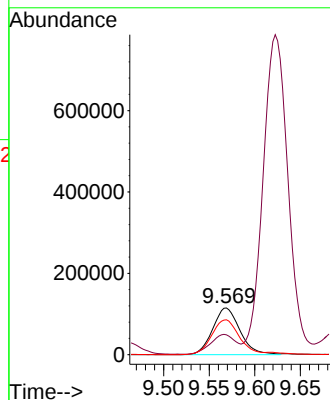
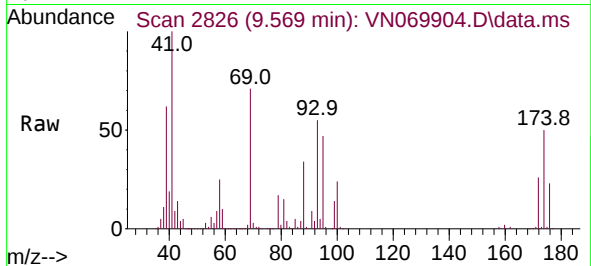
#49
1,4-Dioxane
Concen: 797.724 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 23929
Ion Ratio Lower Upper
88 100
43 39.2 23.4 35.2
58 74.9 50.6 75.8

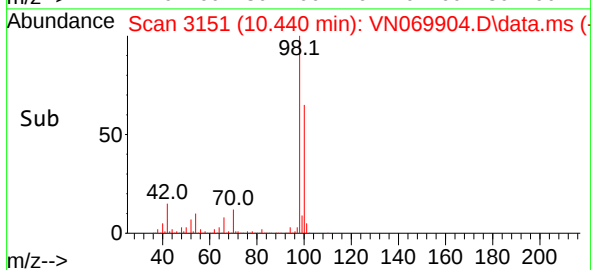
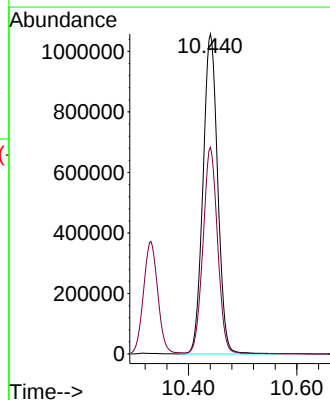
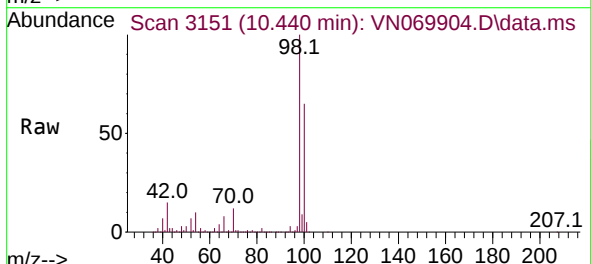
Manual Integrations
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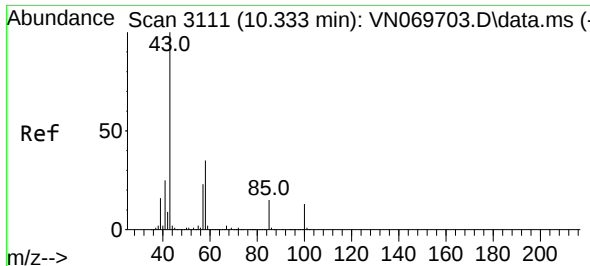
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 46.411 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 98 Resp: 1994321
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6





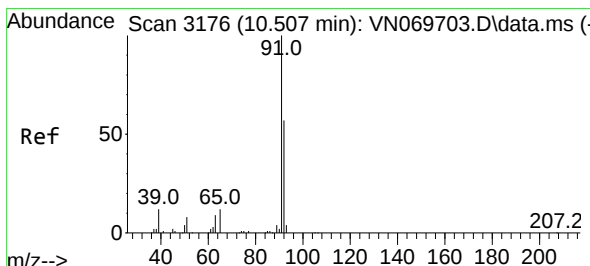
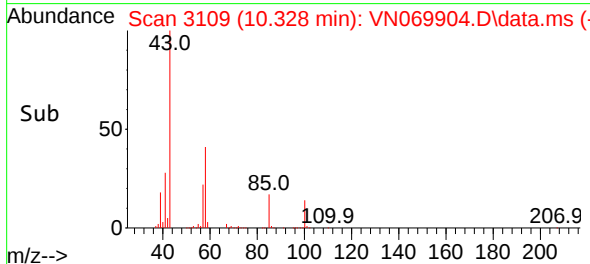
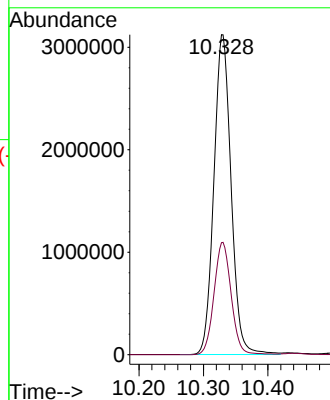
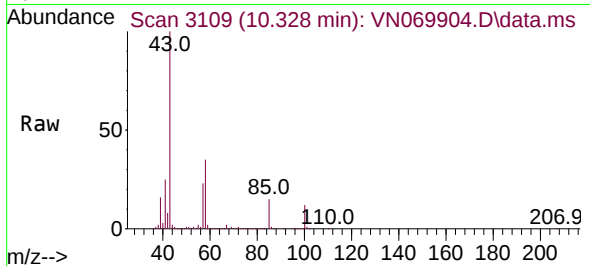
#51
4-Methyl-2-Pentanone
Concen: 249.365 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 579508
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

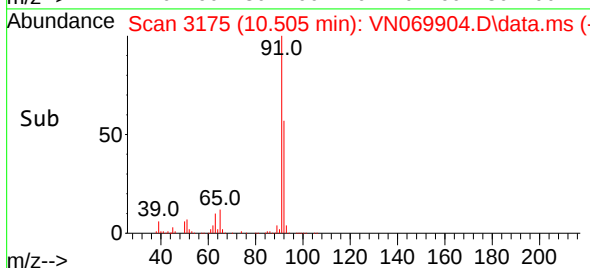
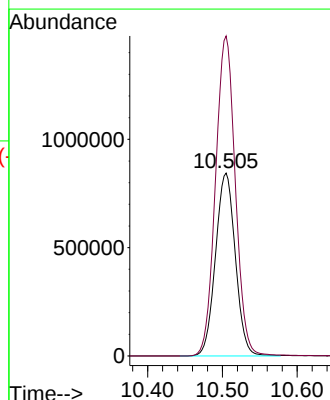
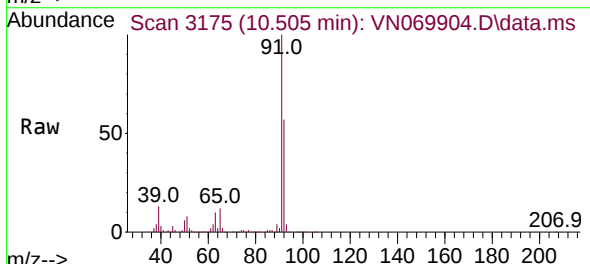
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 51.139 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 92 Resp: 1552133
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





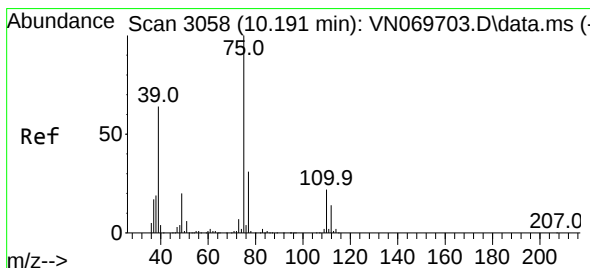
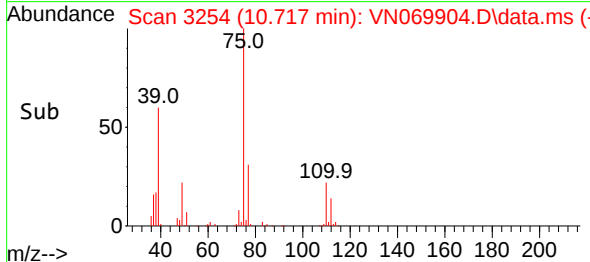
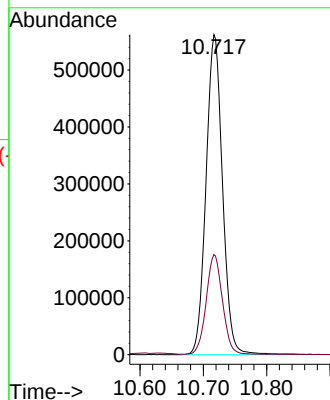
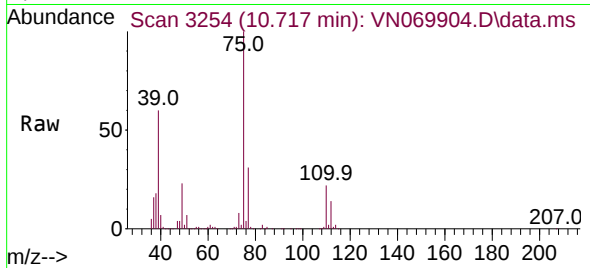
#53
t-1,3-Dichloropropene
Concen: 50.787 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 101366
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

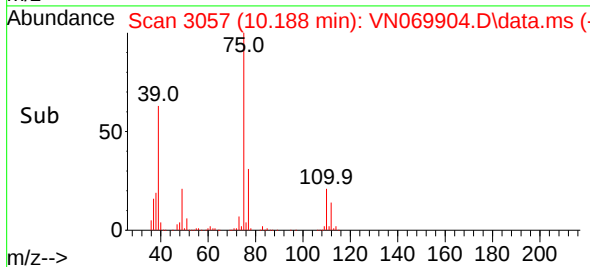
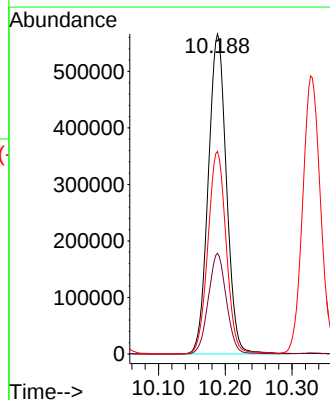
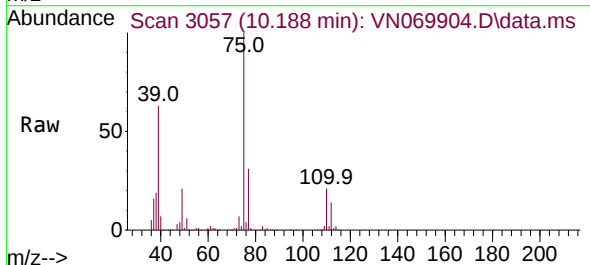
Manual Integrations
APPROVED

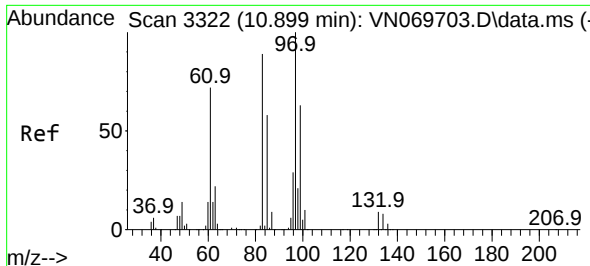
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 51.173 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

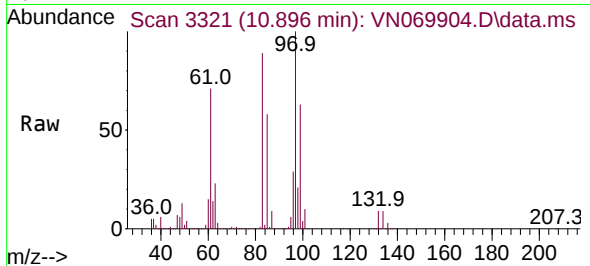
Tgt Ion: 75 Resp: 1071952
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 63.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.278 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

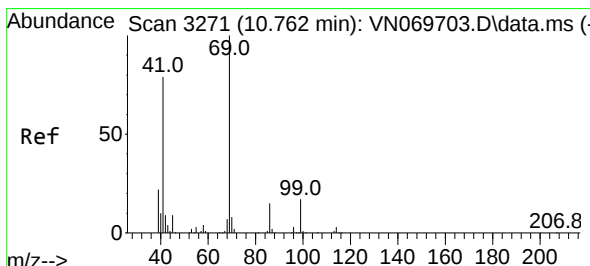
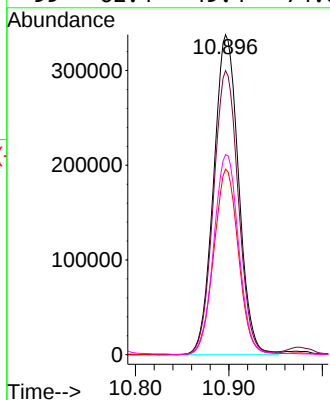
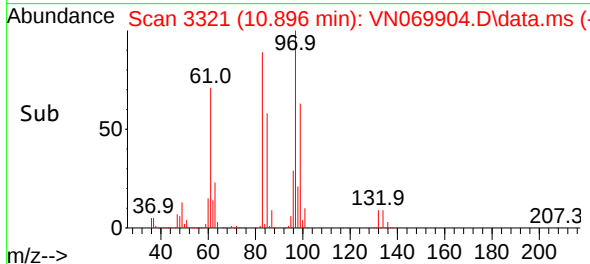


Tgt Ion: 97 Resp: 62795

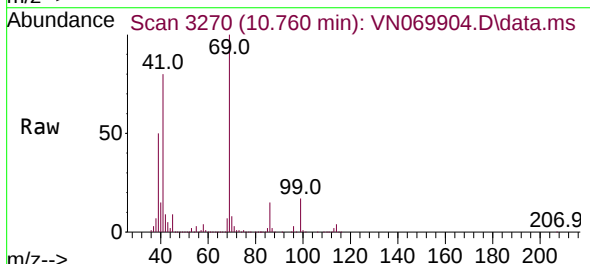
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.8	101.6
85	58.0	45.4	68.2
99	62.4	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

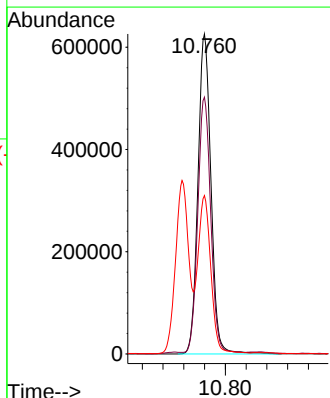
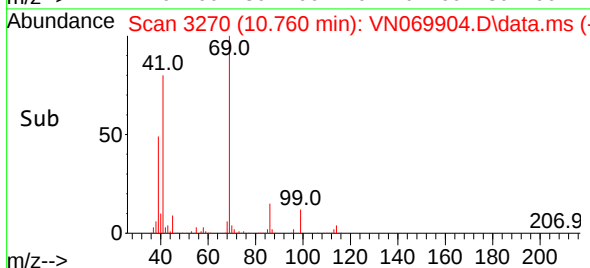


#56
Ethyl methacrylate
Concen: 47.295 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion: 69 Resp: 1089843

Ion	Ratio	Lower	Upper
69	100		
41	78.8	51.4	77.0#
39	47.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 51.268 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 110548

Ion Ratio Lower Upper

76 100

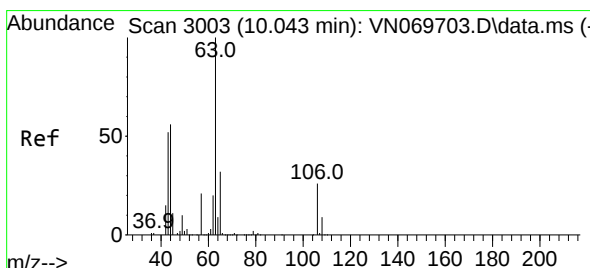
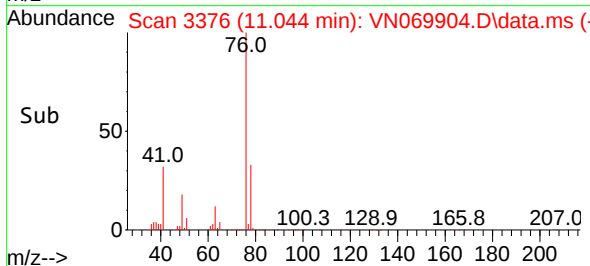
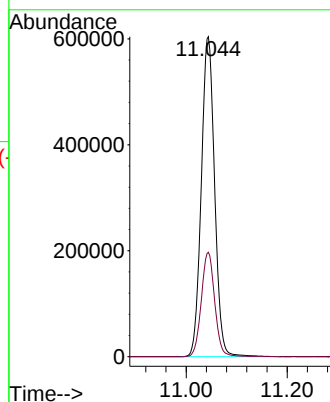
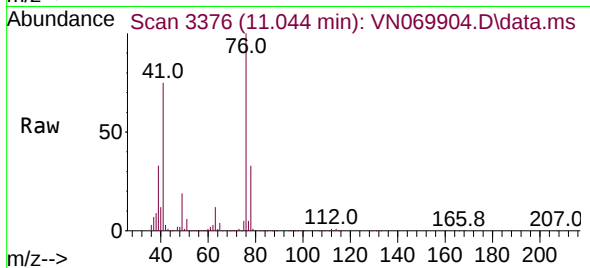
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 223.425 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069904.D

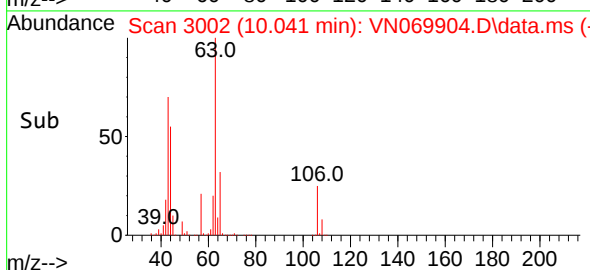
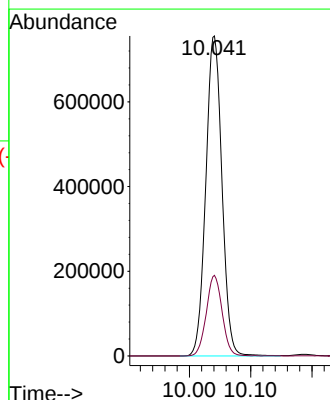
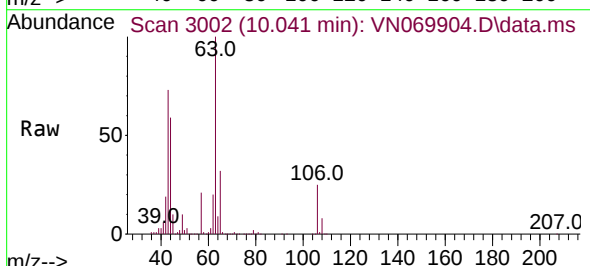
Acq: 9 Dec 2021 11:33

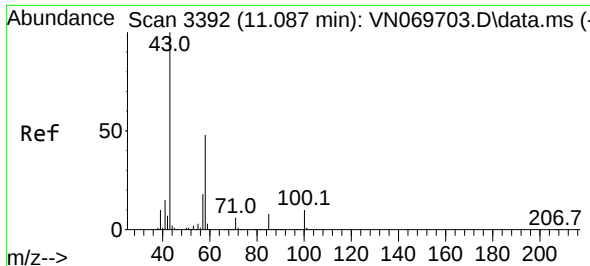
Tgt Ion: 63 Resp: 1380960

Ion Ratio Lower Upper

63 100

106 24.7 23.9 35.9





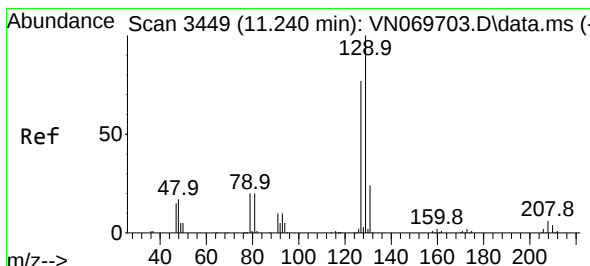
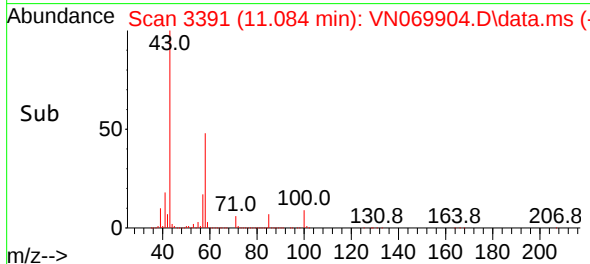
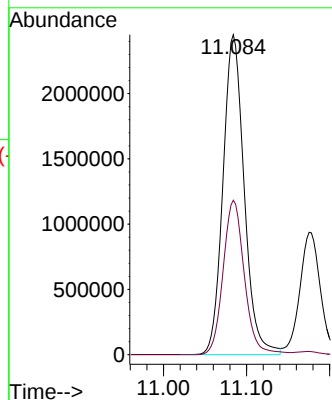
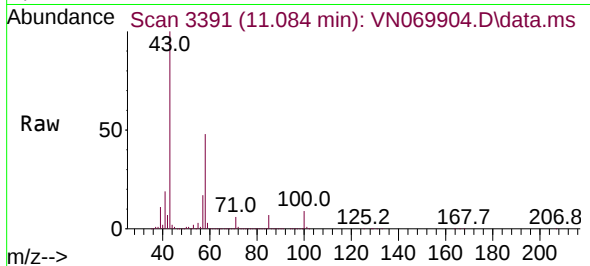
#59
2-Hexanone
Concen: 247.309 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 4347650
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

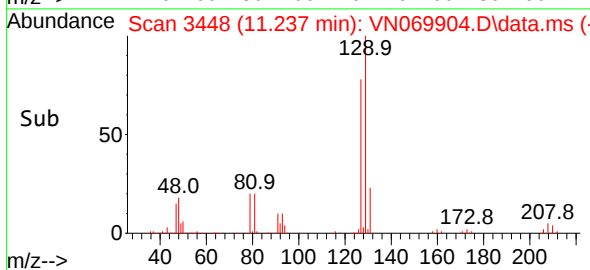
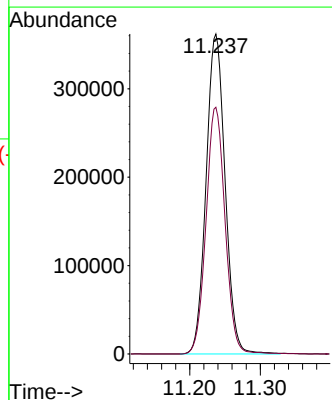
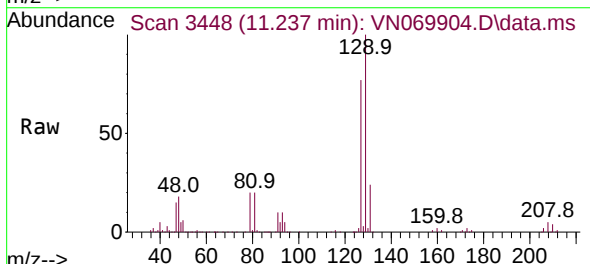
Manual Integrations
APPROVED

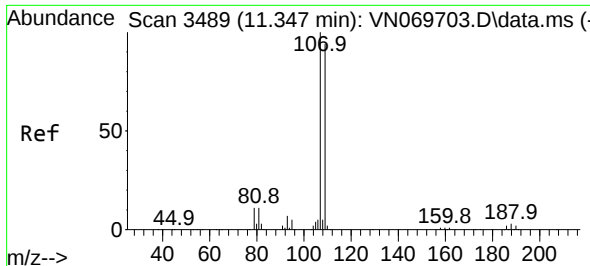
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 51.530 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

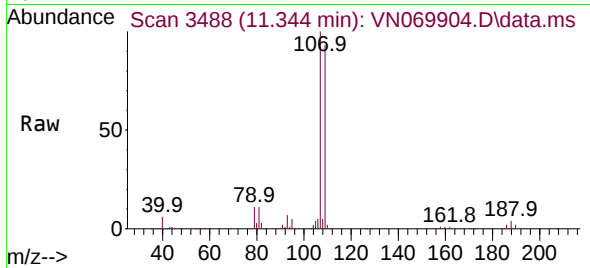
Tgt Ion:129 Resp: 677127
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.352 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

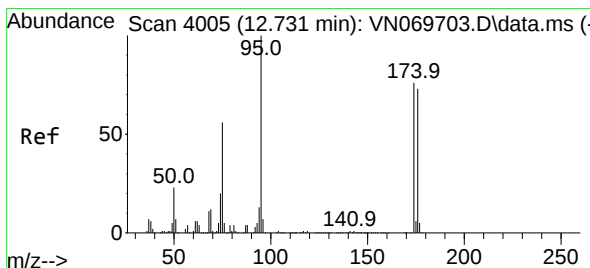
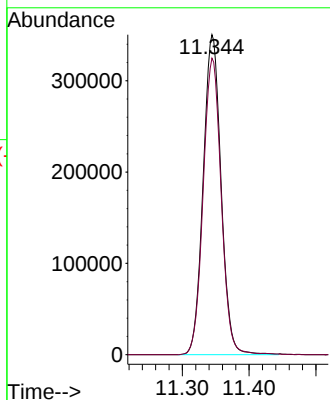
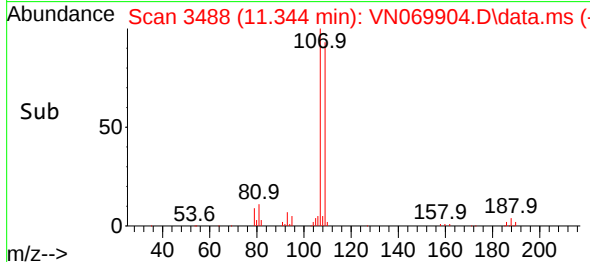
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 651344
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

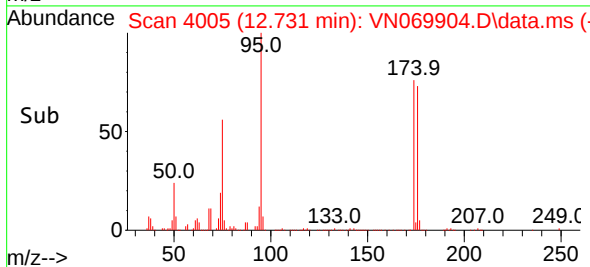
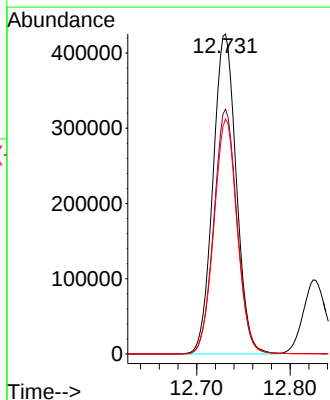
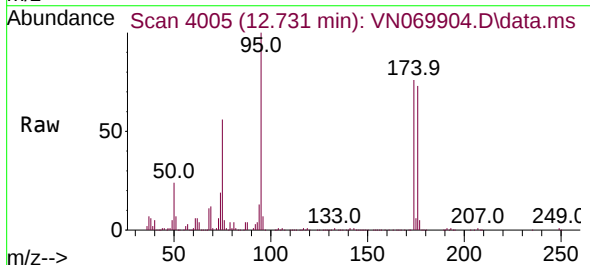
Manual Integrations
APPROVED

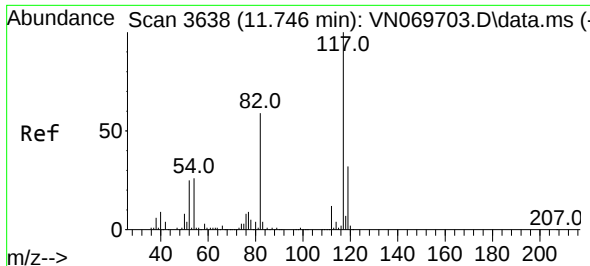
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

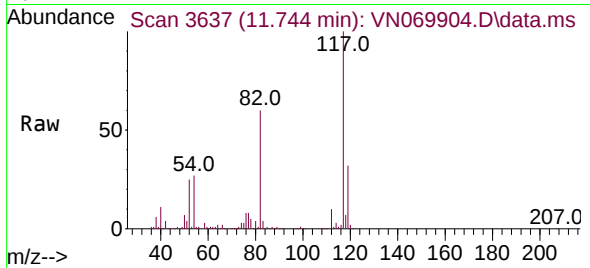
Tgt Ion: 95 Resp: 738426
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

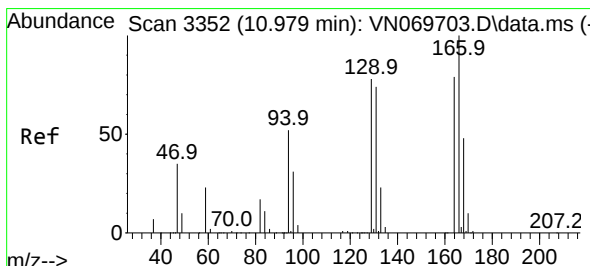
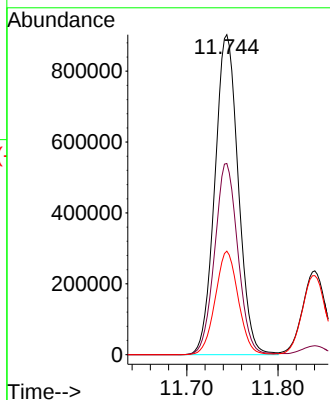
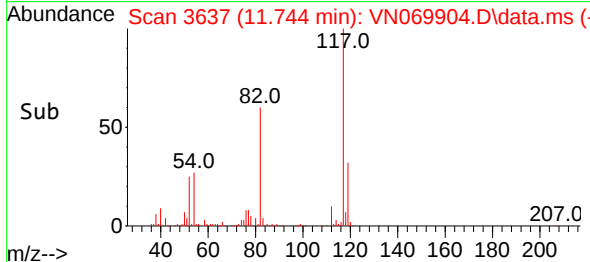
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



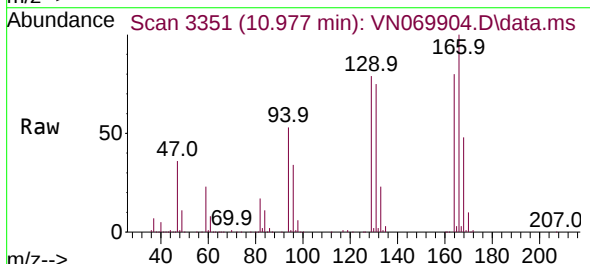
Tgt Ion:117 Resp: 1610770
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

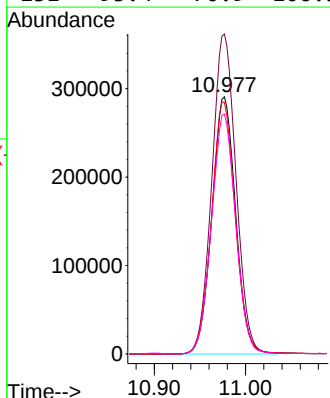
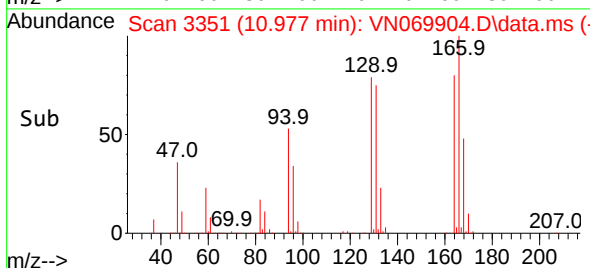
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 48.234 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



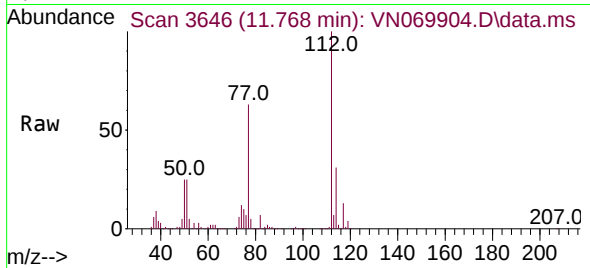
Tgt Ion:164 Resp: 526817
Ion Ratio Lower Upper
164 100
166 124.5 101.9 152.9
129 97.8 72.0 108.0
131 93.4 70.9 106.3





#65
Chlorobenzene
Concen: 50.820 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

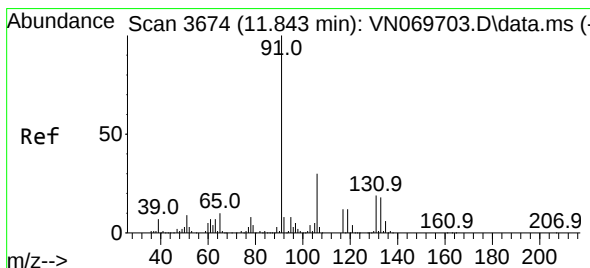
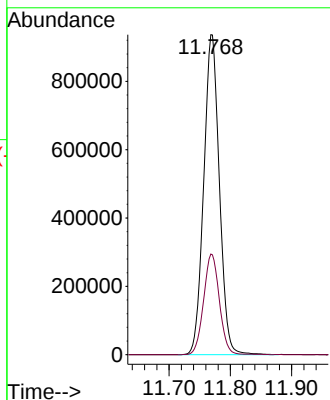
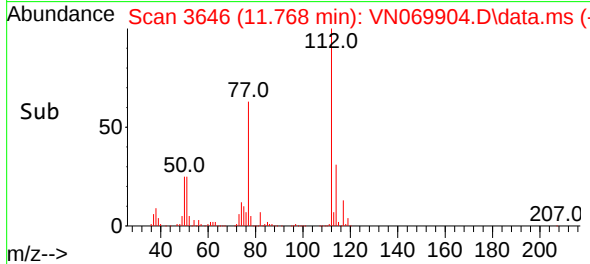
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



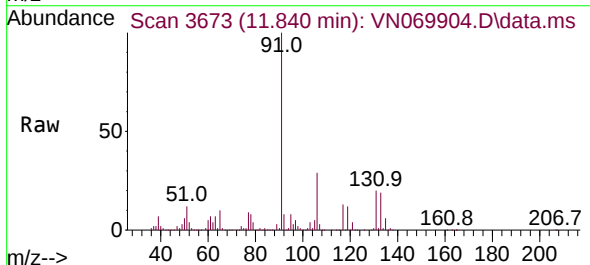
Tgt Ion:112 Resp: 166068
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
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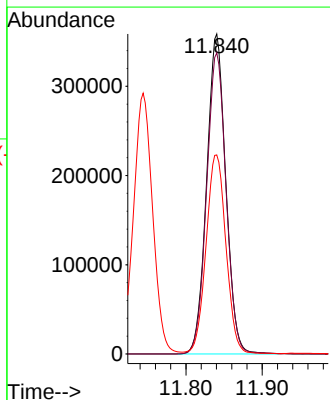
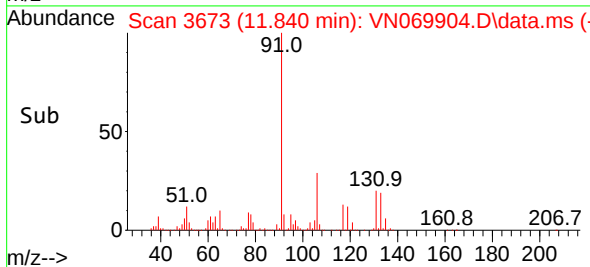
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

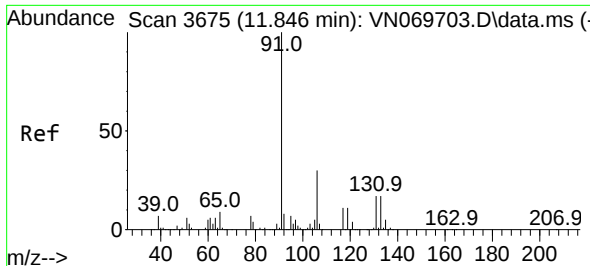


#66
1,1,1,2-Tetrachloroethane
Concen: 54.425 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



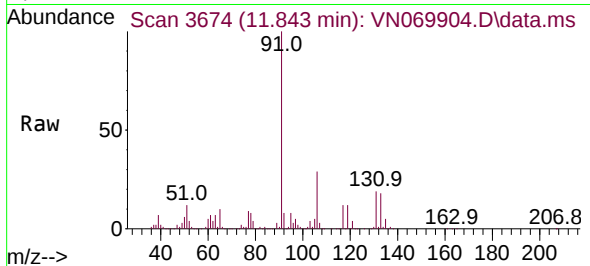
Tgt Ion:131 Resp: 625973
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 52.486 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

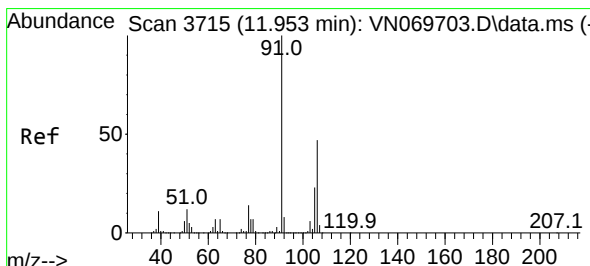
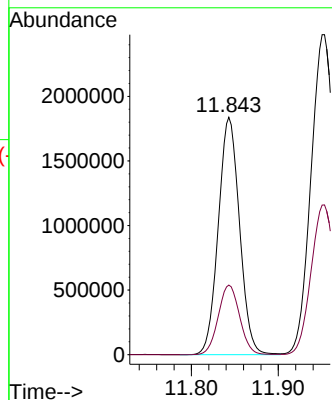
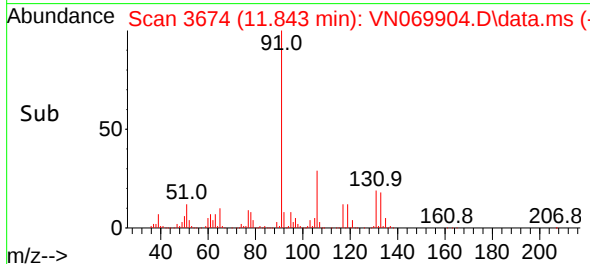
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 311552
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5

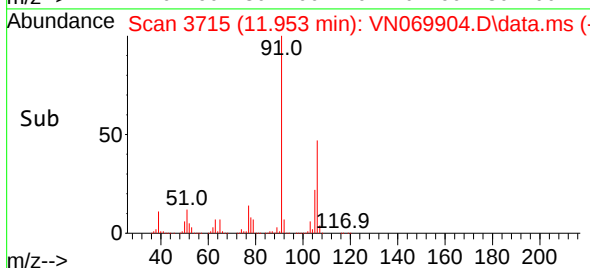
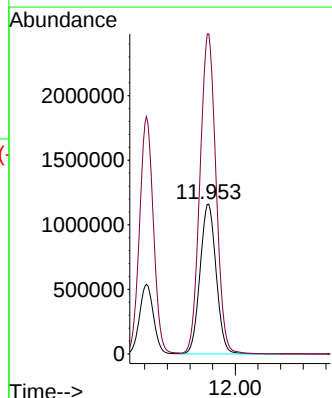
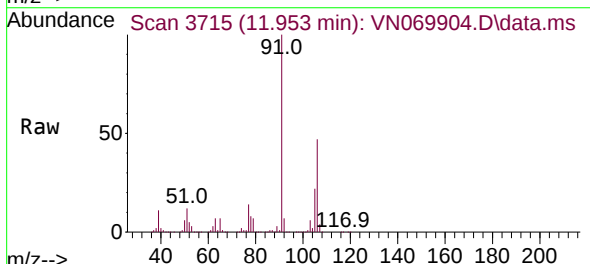
Manual Integrations
APPROVED

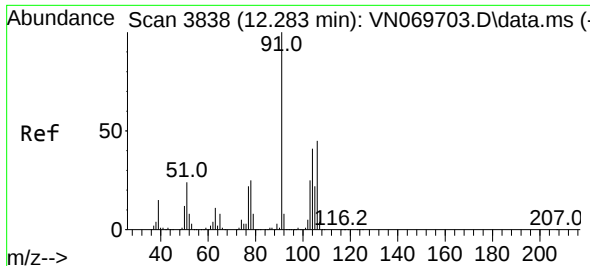
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 105.707 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion:106 Resp: 2284636
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





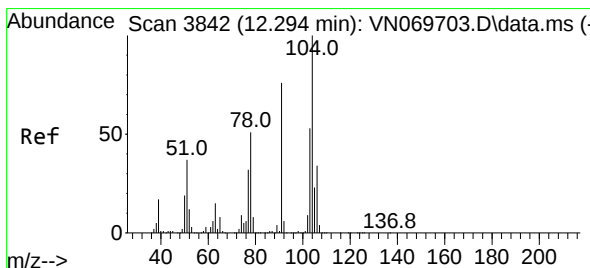
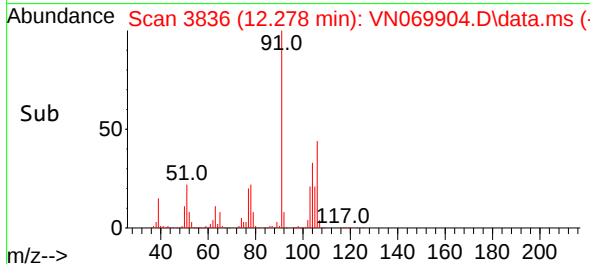
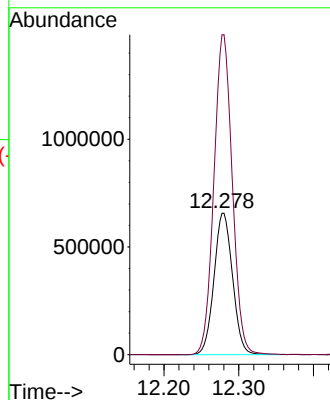
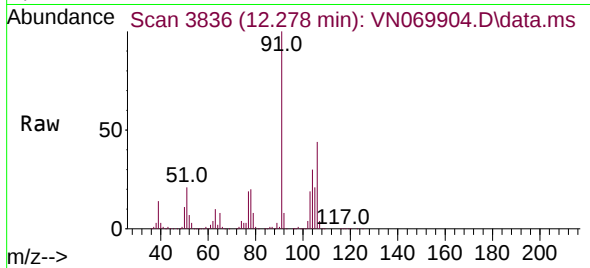
#69
o-Xylene
Concen: 51.950 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1130954
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3

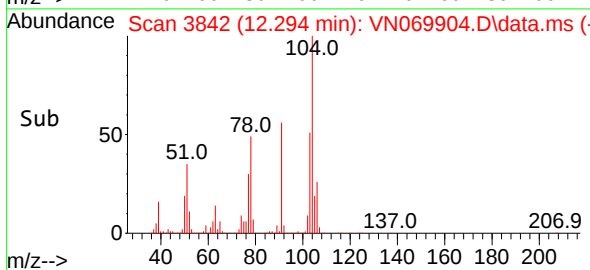
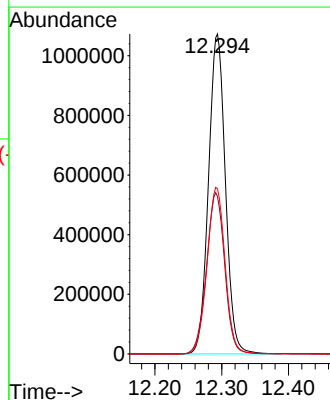
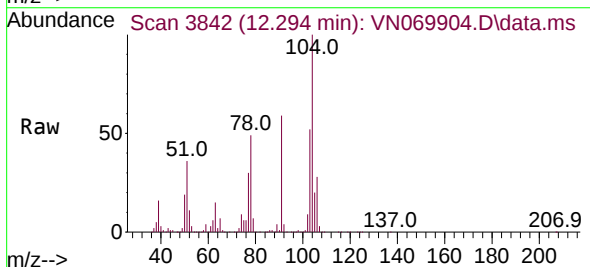
Manual Integrations
APPROVED

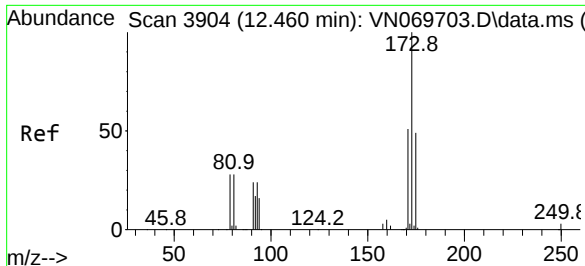
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 54.684 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

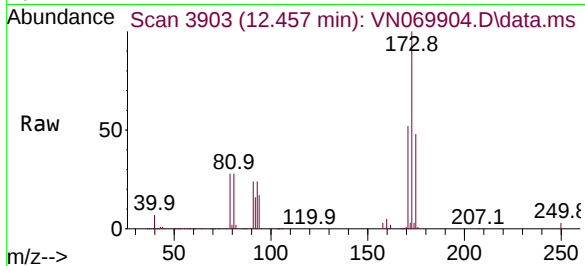
Tgt Ion:104 Resp: 1887738
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 51.654 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

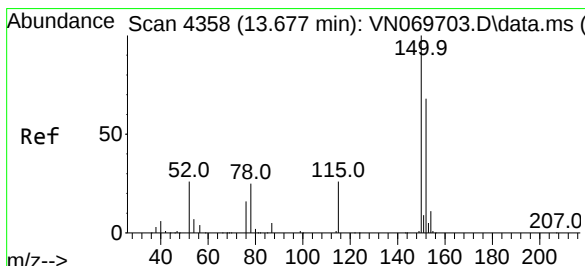
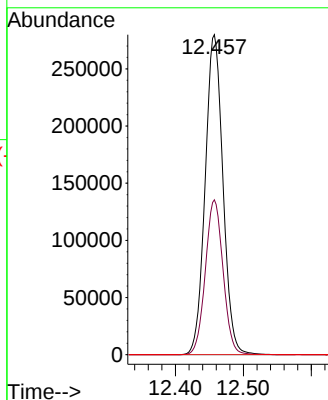
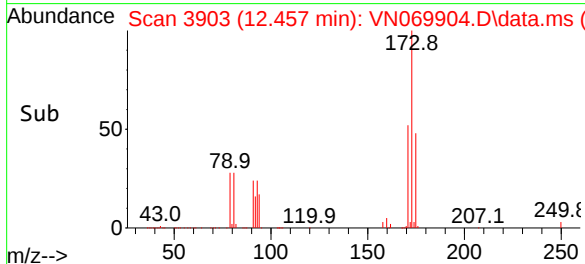
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



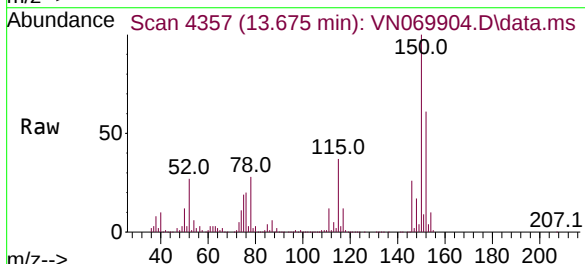
Tgt Ion:173 Resp: 509078
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

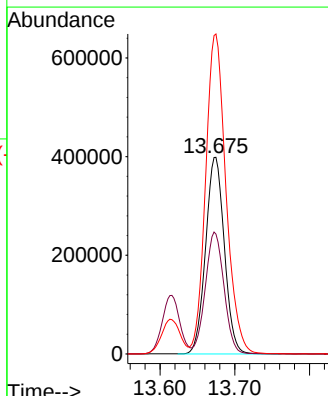
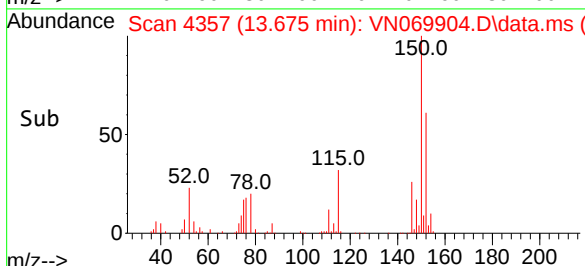
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

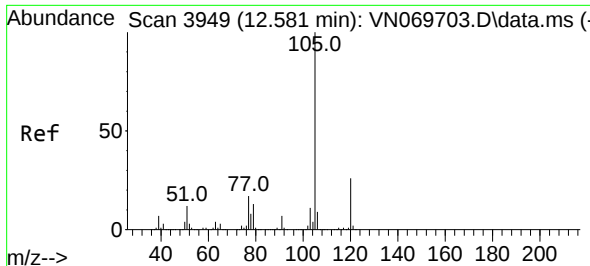


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion:152 Resp: 694827
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 176.3 0.0 344.4





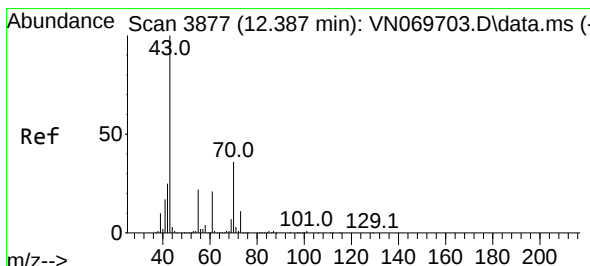
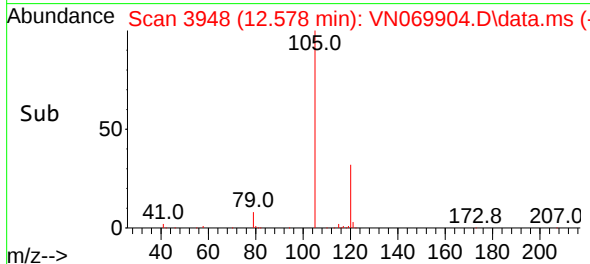
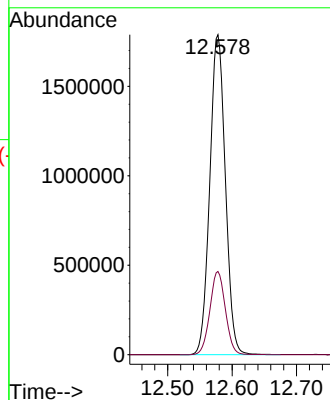
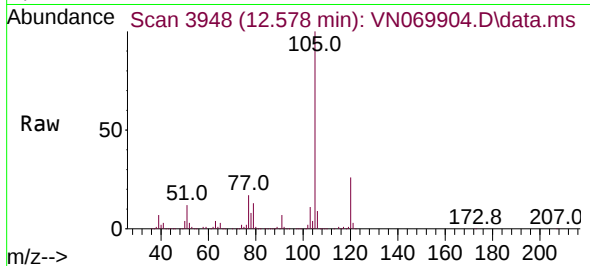
#73
Isopropylbenzene
Concen: 48.560 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 3001980
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

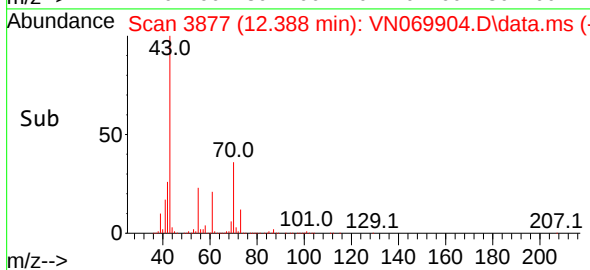
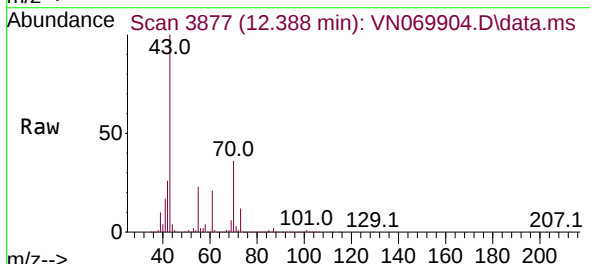
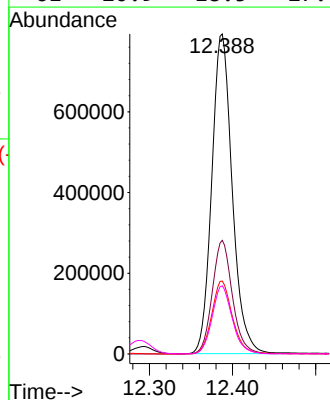
Manual Integrations
APPROVED

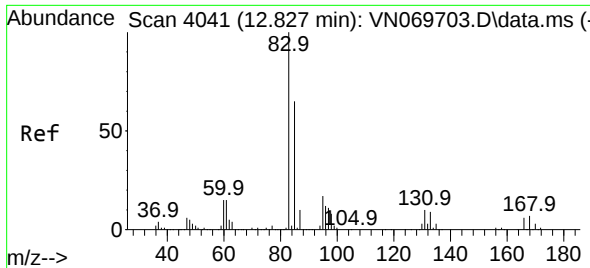
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 49.481 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

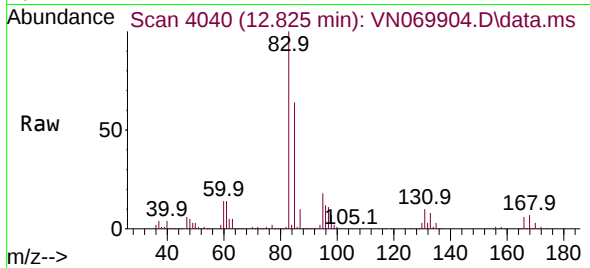
Tgt Ion: 43 Resp: 1352780
Ion Ratio Lower Upper
43 100
70 35.0 33.4 50.0
55 23.2 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.058 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

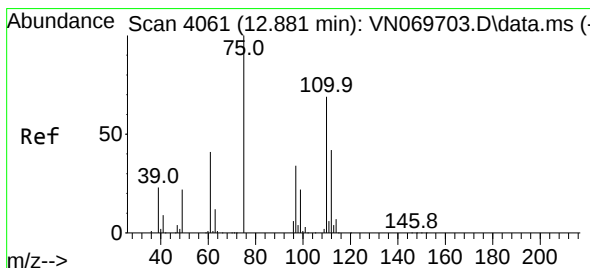
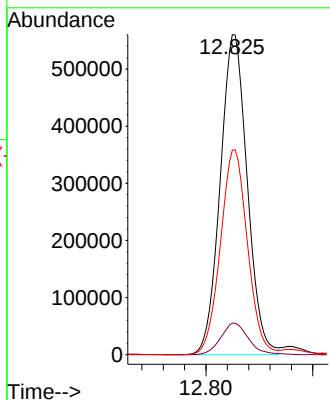
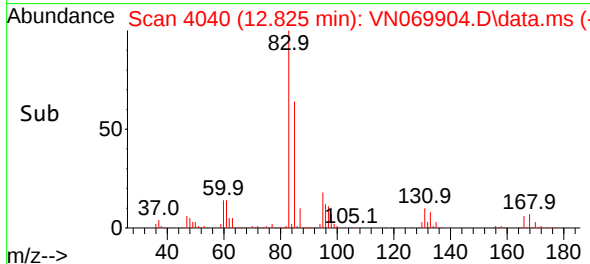
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



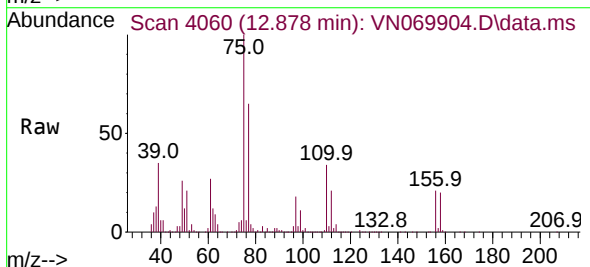
Tgt Ion: 83 Resp: 984602
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

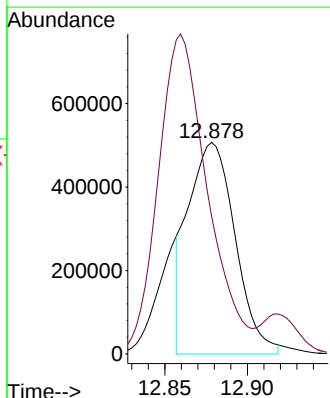
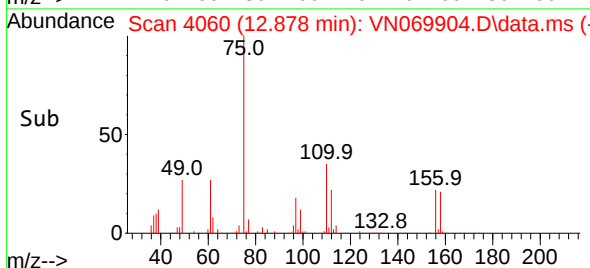
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

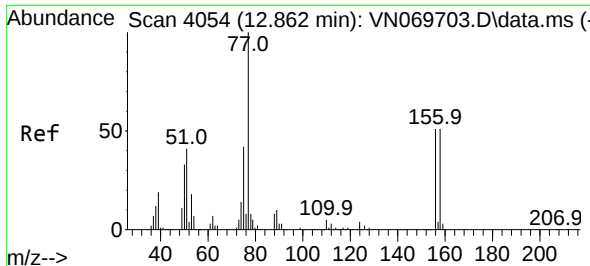


#76
1,2,3-Trichloropropane
Concen: 50.327 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion: 75 Resp: 1002810
Ion Ratio Lower Upper
75 100
77 158.5 82.6 247.8





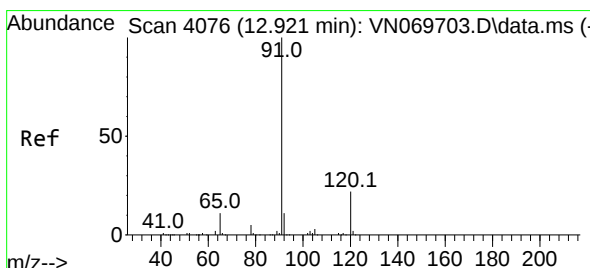
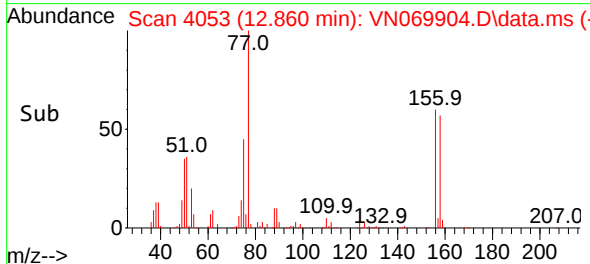
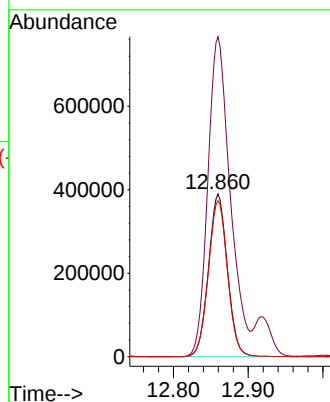
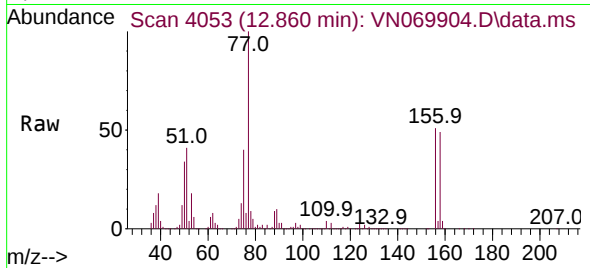
#77
Bromobenzene
Concen: 47.265 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 686324
Ion Ratio Lower Upper
156 100
77 231.5 90.6 271.8
158 96.8 48.9 146.7

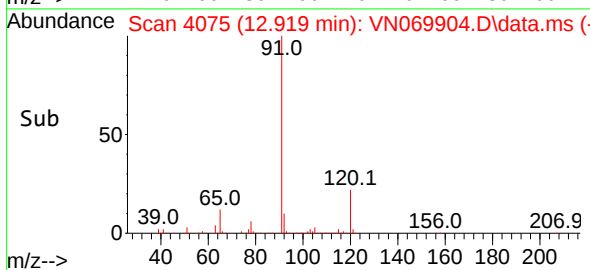
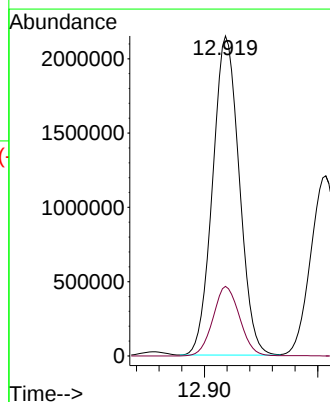
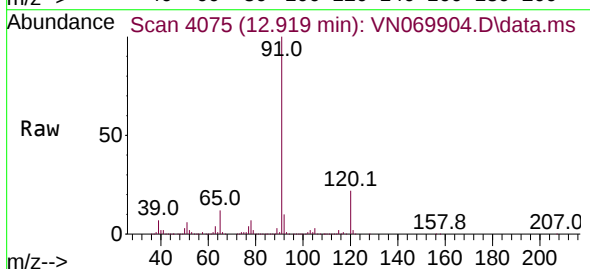
Manual Integrations
APPROVED

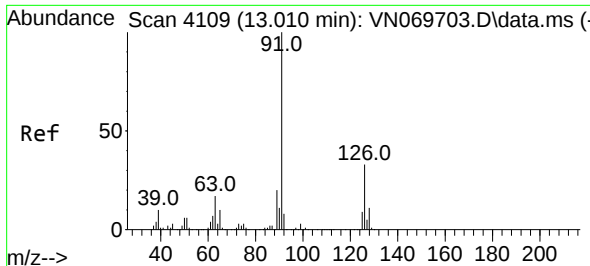
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 50.924 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Tgt Ion: 91 Resp: 3503179
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





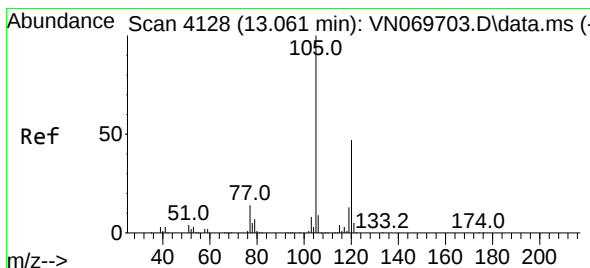
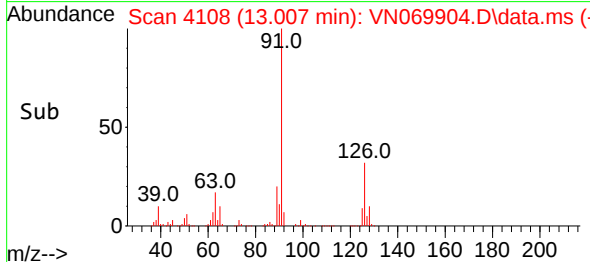
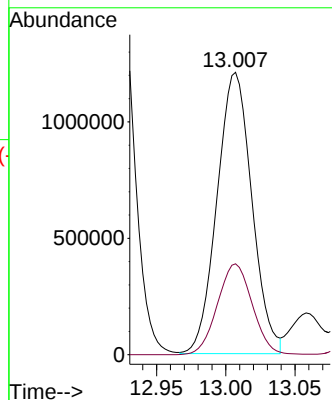
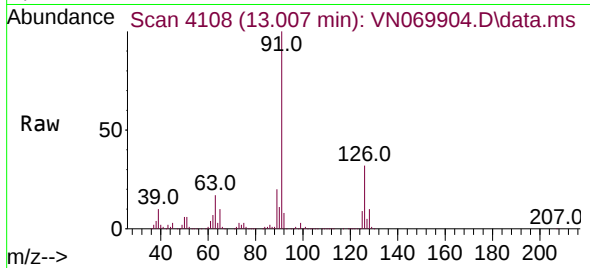
#79
2-Chlorotoluene
Concen: 48.785 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2120579
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

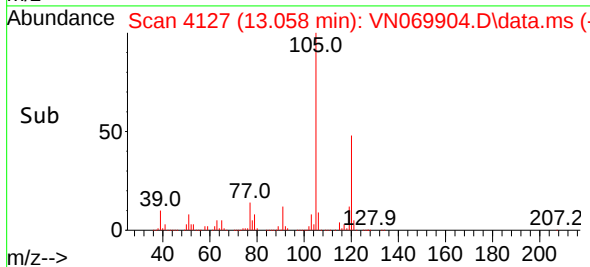
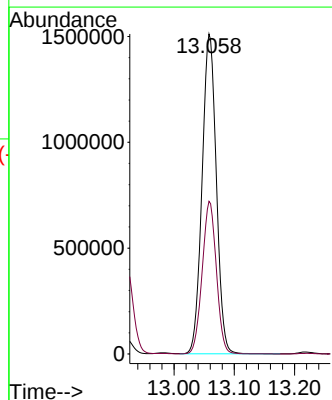
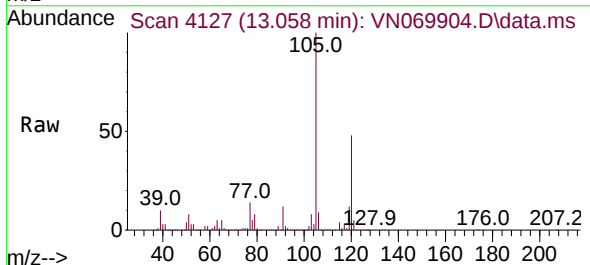
Manual Integrations
APPROVED

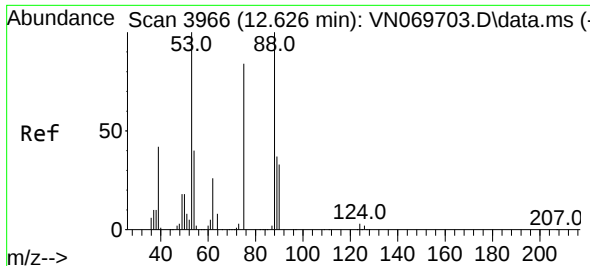
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.924 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

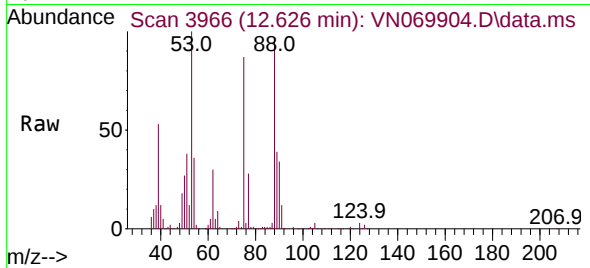
Tgt Ion:105 Resp: 2484133
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.129 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

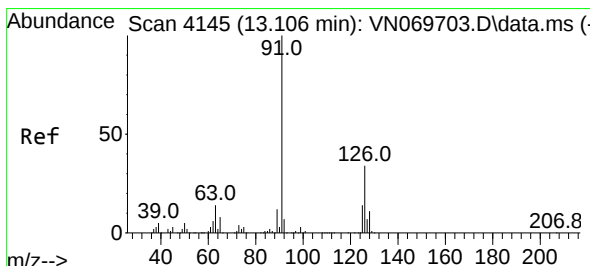
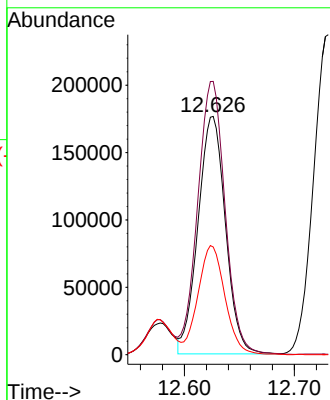
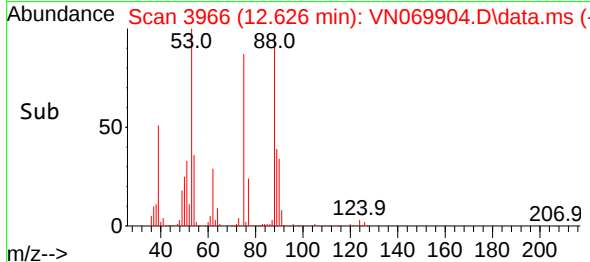
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



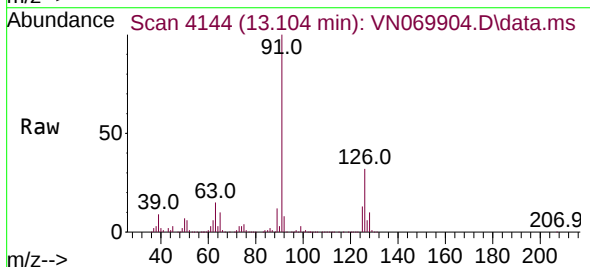
Tgt Ion: 75 Resp: 30526
Ion Ratio Lower Upper
75 100
53 115.4 90.5 135.7
89 45.6 38.2 57.4

Manual Integrations
APPROVED

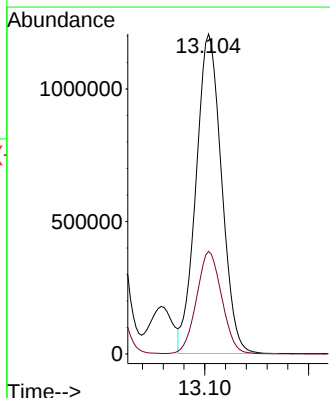
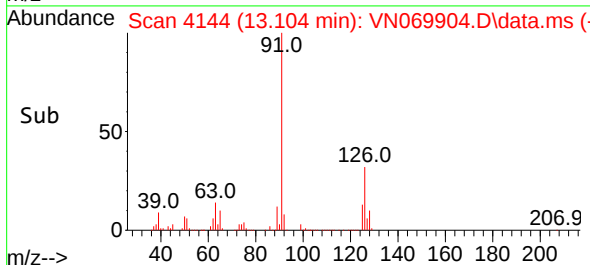
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 50.347 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



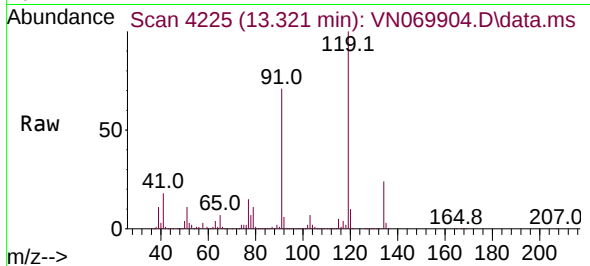
Tgt Ion: 91 Resp: 2058130
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.864 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

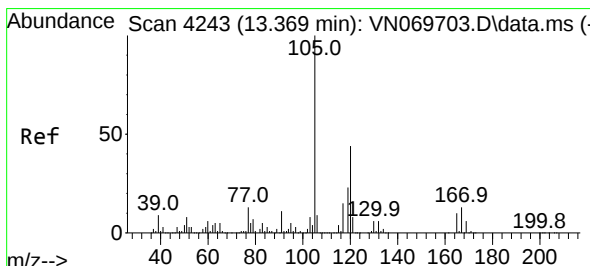
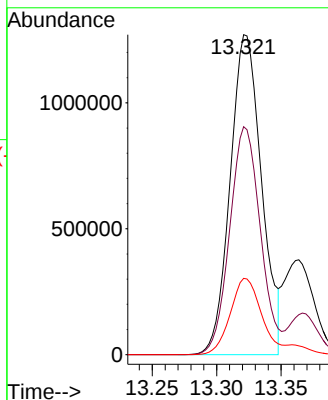
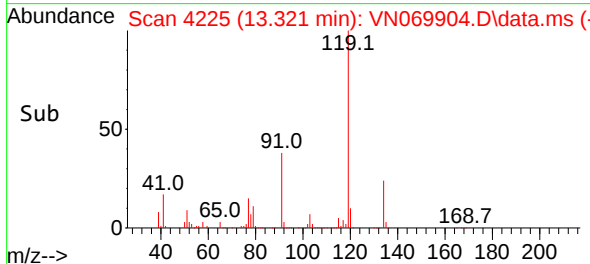
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



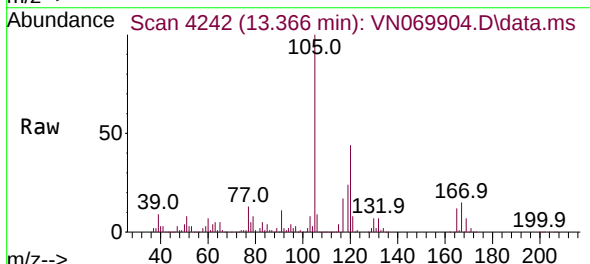
Tgt Ion:119 Resp: 215291
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
APPROVED

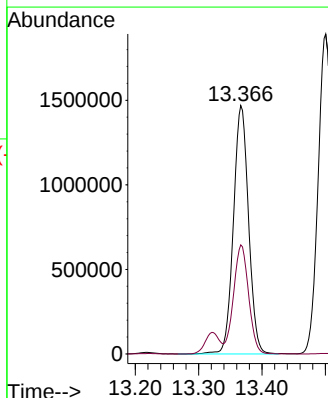
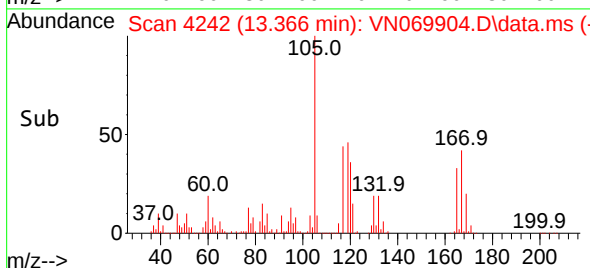
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

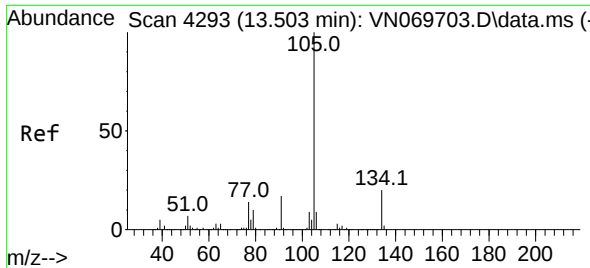


#84
1,2,4-Trimethylbenzene
Concen: 51.405 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion:105 Resp: 2435949
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





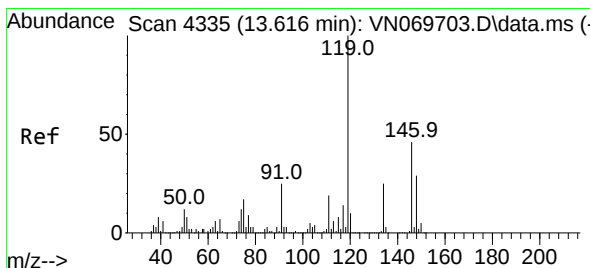
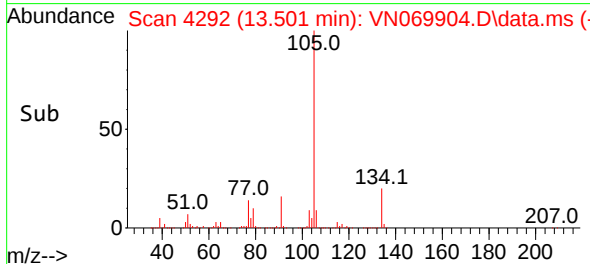
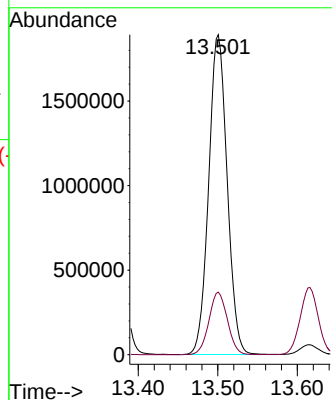
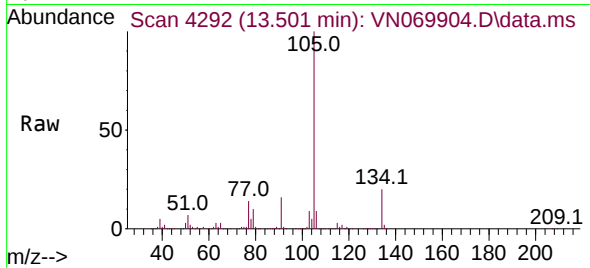
#85
 sec-Butylbenzene
 Concen: 50.986 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 3047060
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

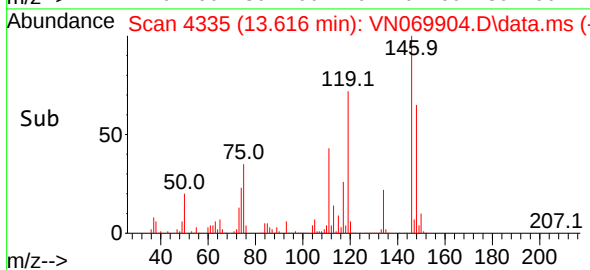
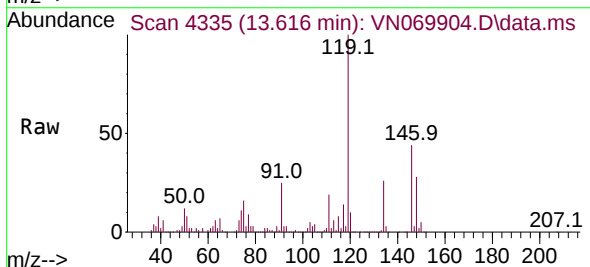
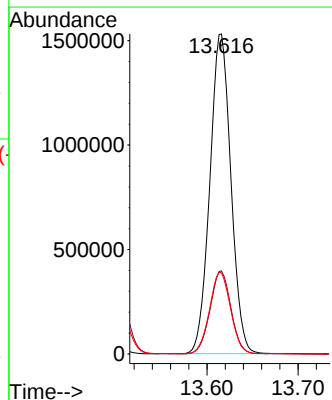
Manual Integrations
 APPROVED

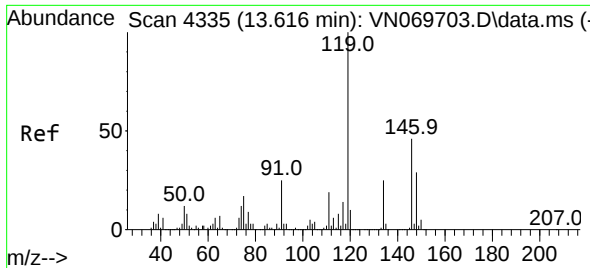
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 52.530 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069904.D
 Acq: 9 Dec 2021 11:33

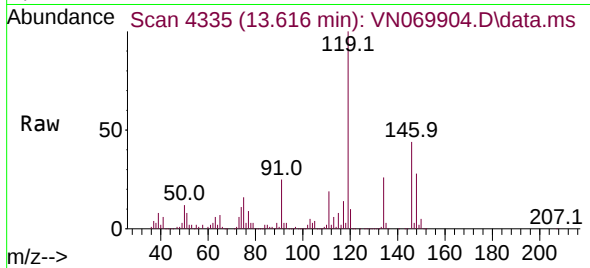
Tgt Ion:119 Resp: 2453859
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.321 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

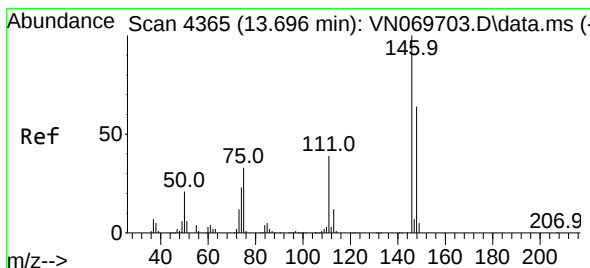
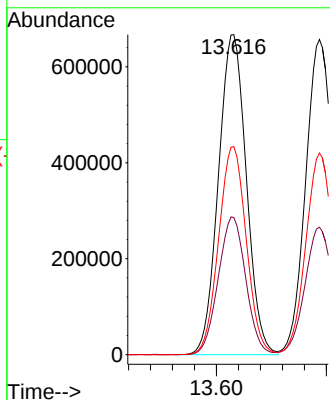
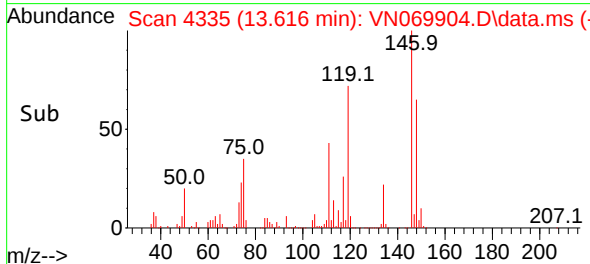
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



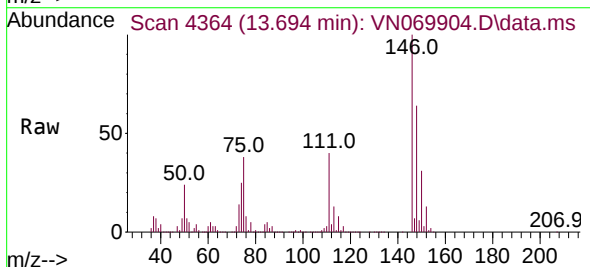
Tgt Ion:146 Resp: 117656
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 64.5 31.6 95.0

Manual Integrations
APPROVED

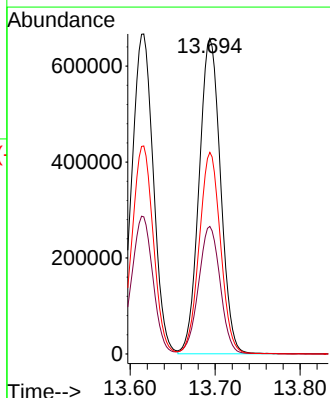
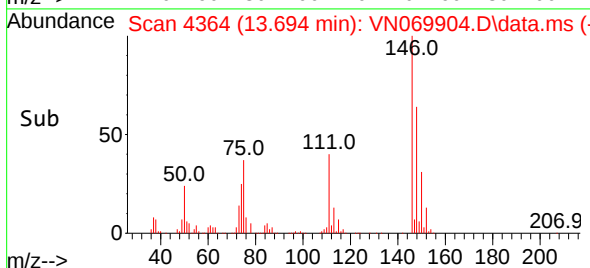
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 49.110 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



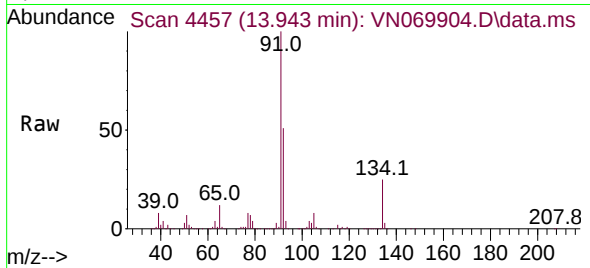
Tgt Ion:146 Resp: 1151297
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 54.702 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

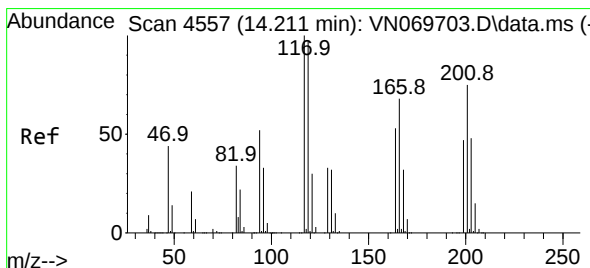
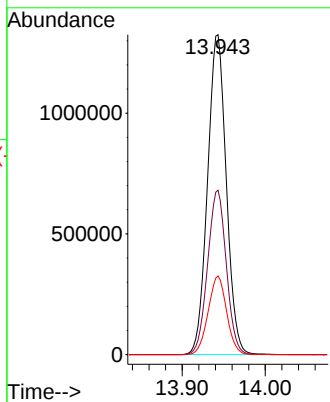
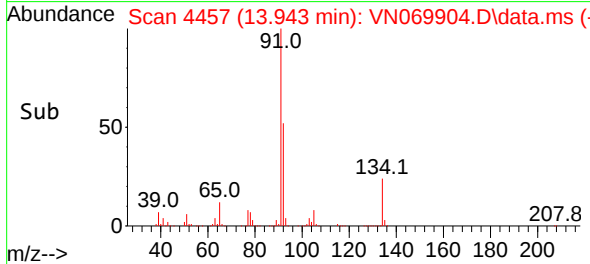
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 207286
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.4 13.6 40.8

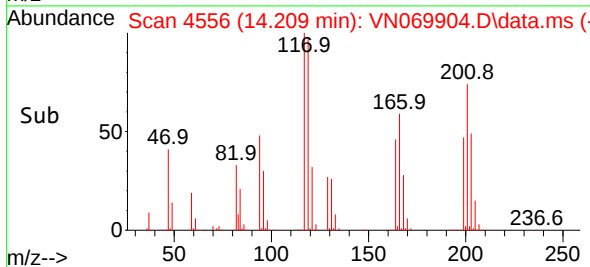
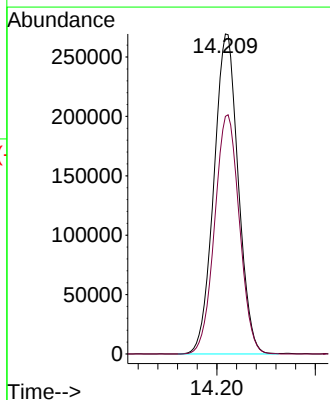
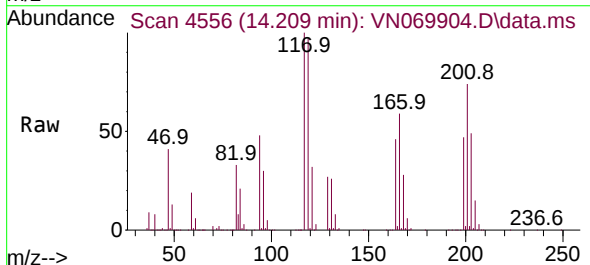
Manual Integrations
APPROVED

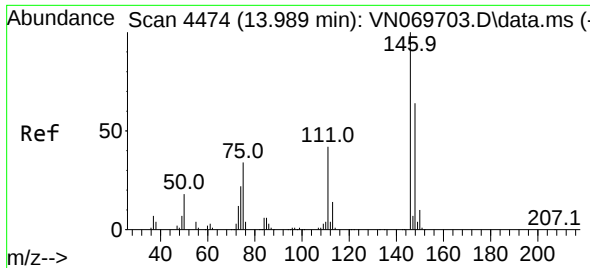
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 56.651 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

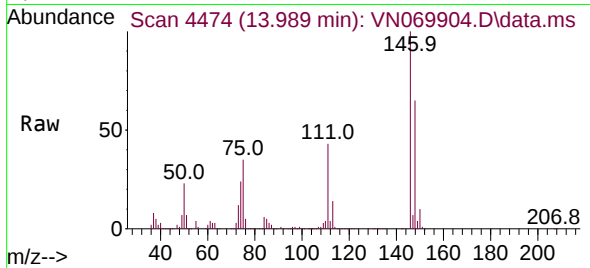
Tgt Ion:117 Resp: 464624
Ion Ratio Lower Upper
117 100
201 75.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.623 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

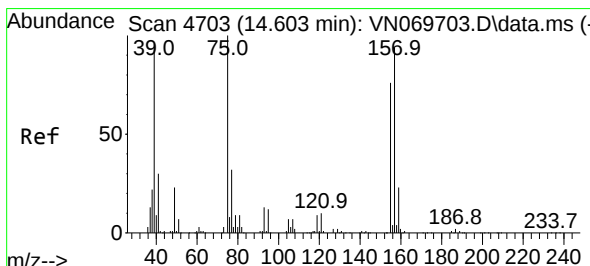
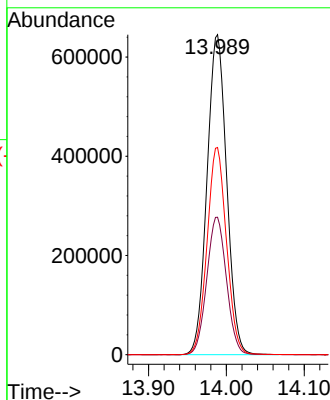
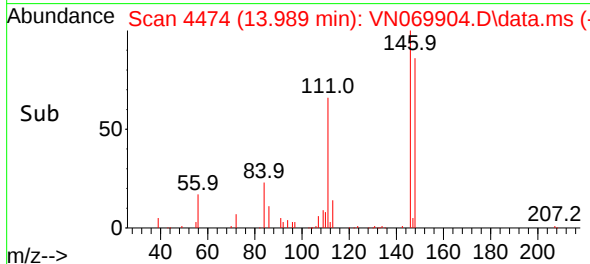
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



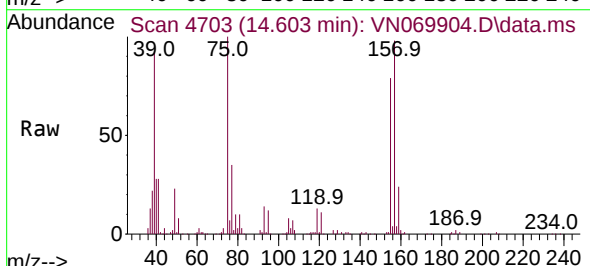
Tgt Ion:146 Resp: 113016
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

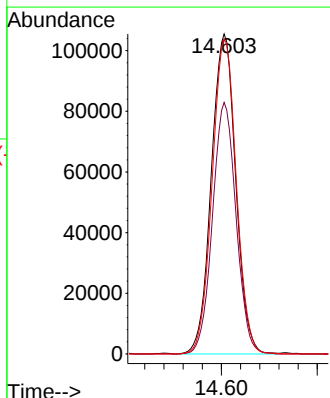
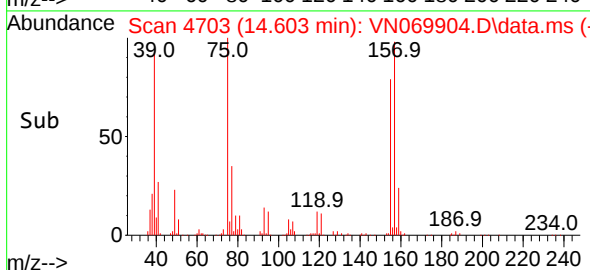
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

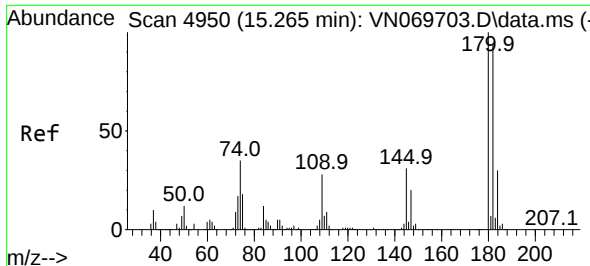


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.161 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



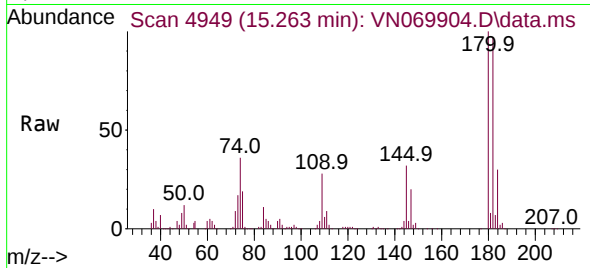
Tgt Ion: 75 Resp: 186043
Ion Ratio Lower Upper
75 100
155 76.0 46.9 140.7
157 97.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.348 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33

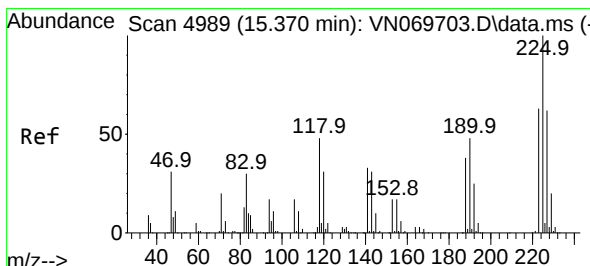
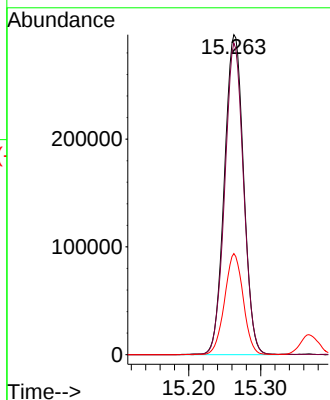
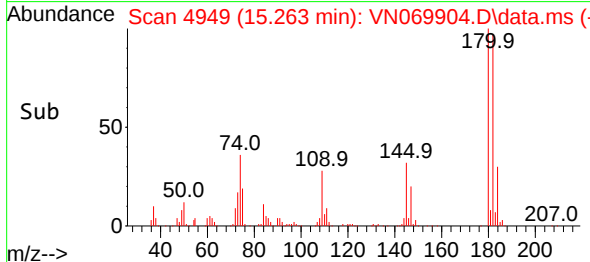
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



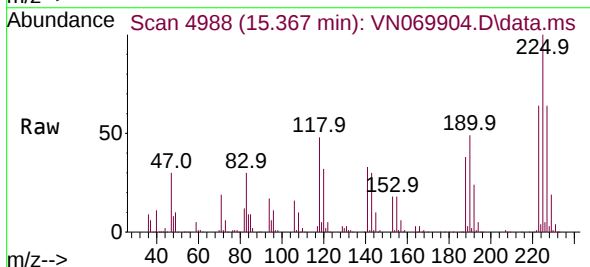
Tgt Ion:180 Resp: 550010
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

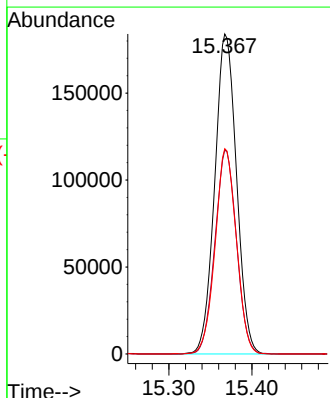
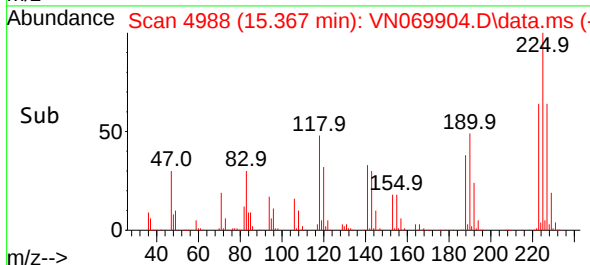
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

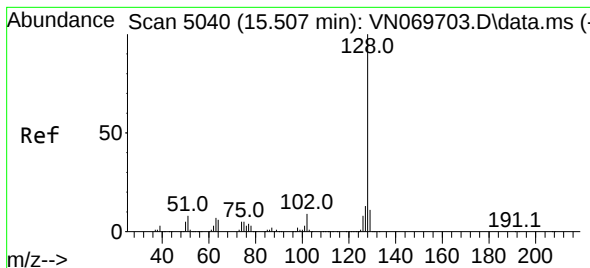


#94
Hexachlorobutadiene
Concen: 54.493 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069904.D
Acq: 9 Dec 2021 11:33



Tgt Ion:225 Resp: 335674
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.4 32.1 96.3





#95

Naphthalene

Concen: 42.705 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 142863

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

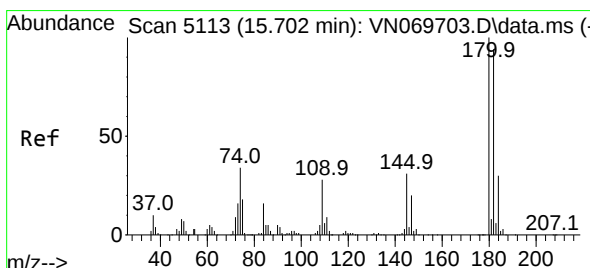
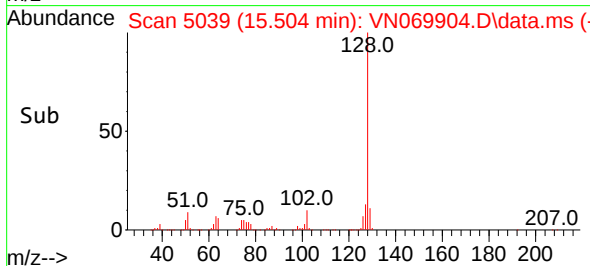
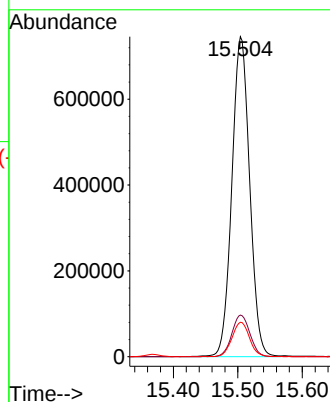
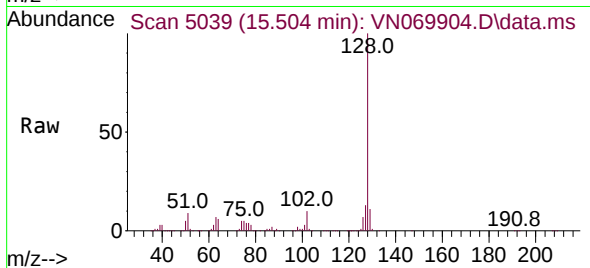
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#96

1,2,3-Trichlorobenzene

Concen: 47.823 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN069904.D

Acq: 9 Dec 2021 11:33

Tgt Ion:180 Resp: 530088

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.2

145 32.2 15.0 45.1

