

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069461.D
 Acq On : 12 Nov 2021 11:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:22:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1007226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1678512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1614943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	733280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	747269	51.168	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.340%			
35) Dibromofluoromethane	8.024	113	525304	52.181	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.360%			
50) Toluene-d8	10.443	98	1995192	50.392	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.733	95	753791	51.824	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	523277	48.628	ug/l	100
3) Chloromethane	2.303	50	572227	45.854	ug/l	99
4) Vinyl Chloride	2.448	62	572699	45.833	ug/l	99
5) Bromomethane	2.850	94	352782	43.472	ug/l	97
6) Chloroethane	3.017	64	379591	45.006	ug/l	100
7) Trichlorofluoromethane	3.376	101	878040	45.466	ug/l	99
8) Diethyl Ether	3.824	74	315320	50.466	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	438401	48.192	ug/l	94
10) Methyl Iodide	4.419	142	538570	48.269	ug/l	97
11) Tert butyl alcohol	5.385	59	611670	232.431	ug/l	99
12) 1,1-Dichloroethene	4.178	96	379205	46.451	ug/l	86
13) Acrolein	4.041	56	93924	252.092	ug/l	99
14) Allyl chloride	4.840	41	906133	50.204	ug/l	95
15) Acrylonitrile	5.556	53	1781283	264.319	ug/l	99
16) Acetone	4.291	43	1905696	241.851	ug/l	97
17) Carbon Disulfide	4.527	76	850763	44.088	ug/l	99
18) Methyl Acetate	4.856	43	1279308	49.945	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1859442	53.821	ug/l	97
20) Methylene Chloride	5.095	84	544935	48.770	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	449356	49.282	ug/l	89
22) Diisopropyl ether	6.501	45	2072210	53.299	ug/l	95
23) Vinyl Acetate	6.436	43	8244069	274.157	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1005431	50.772	ug/l	98
25) 2-Butanone	7.337	43	2731768	256.032	ug/l	93
26) 2,2-Dichloropropane	7.327	77	766167	49.450	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	594418	52.589	ug/l	90
28) Bromochloromethane	7.659	49	569099	56.118	ug/l #	82
29) Tetrahydrofuran	7.686	42	1721264	262.881	ug/l	90
30) Chloroform	7.820	83	1075068	52.955	ug/l	99
31) Cyclohexane	8.096	56	877883	43.999	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	853077	50.341	ug/l	95
36) 1,1-Dichloropropene	8.222	75	719061	50.912	ug/l	96
37) Ethyl Acetate	7.415	43	1042122	54.584	ug/l	97
38) Carbon Tetrachloride	8.206	117	691935	50.745	ug/l	99
39) Methylcyclohexane	9.461	83	869640	49.497	ug/l	92
40) Benzene	8.461	78	2251115	51.637	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	528311	53.554	ug/l	90
42) 1,2-Dichloroethane	8.531	62	922297	54.031	ug/l	97
43) Isopropyl Acetate	8.563	43	1676774	54.679	ug/l	94
44) Trichloroethene	9.217	130	542262	51.973	ug/l	90
45) 1,2-Dichloropropane	9.491	63	632456	54.301	ug/l	97
46) Dibromomethane	9.579	93	426944	54.726	ug/l	91
47) Bromodichloromethane	9.764	83	819570	56.297	ug/l	99
48) Methyl methacrylate	9.561	41	768162	53.242	ug/l	92
49) 1,4-Dioxane	9.571	88	278549	975.214	ug/l #	89
51) 4-Methyl-2-Pentanone	10.333	43	5492714	277.493	ug/l	95
52) Toluene	10.507	92	1446736	53.269	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	882893	49.361	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	942053	49.947	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	612802	55.975	ug/l	98
56) Ethyl methacrylate	10.762	69	1031609	50.001	ug/l	86
57) 1,3-Dichloropropane	11.046	76	1054674	54.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1177819	224.569	ug/l	92
59) 2-Hexanone	11.087	43	4025534	241.154	ug/l	94
60) Dibromochloromethane	11.240	129	607330	50.517	ug/l	100
61) 1,2-Dibromoethane	11.347	107	631710	51.659	ug/l	100
64) Tetrachloroethene	10.979	164	498560	51.128	ug/l	95
65) Chlorobenzene	11.771	112	1577452	52.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	577611	55.399	ug/l	99
67) Ethyl Benzene	11.846	91	2877301	51.900	ug/l	97
68) m/p-Xylenes	11.956	106	2148270	105.359	ug/l	95
69) o-Xylene	12.283	106	1065875	52.435	ug/l	93
70) Styrene	12.296	104	1803193	49.425	ug/l	96
71) Bromoform	12.460	173	433825	48.062	ug/l #	99
73) Isopropylbenzene	12.581	105	2810539	48.138	ug/l	98
74) N-amyl acetate	12.390	43	1293333	52.271	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	979502	49.743	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	859874m	50.813	ug/l	
77) Bromobenzene	12.862	156	668748	50.084	ug/l	80
78) n-propylbenzene	12.921	91	3299939	50.231	ug/l	96
79) 2-Chlorotoluene	13.010	91	1980537	48.690	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2329661	49.358	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	253515	45.219	ug/l	93
82) 4-Chlorotoluene	13.106	91	1947562	50.226	ug/l	94
83) tert-Butylbenzene	13.326	119	2021711	48.879	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2318490	50.882	ug/l	97
85) sec-Butylbenzene	13.503	105	2930324	50.717	ug/l	97
86) p-Isopropyltoluene	13.616	119	2362423	51.506	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	1199411	51.811	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1170919	51.558	ug/l	98
89) n-Butylbenzene	13.943	91	2039227	53.314	ug/l	98
90) Hexachloroethane	14.214	117	384217	45.765	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	1159111	52.619	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	173431	47.467	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	576131	49.920	ug/l	99
94) Hexachlorobutadiene	15.370	225	309718	54.111	ug/l	99
95) Naphthalene	15.507	128	1574740	48.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	563827	51.016	ug/l	98

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ClientSampleId :
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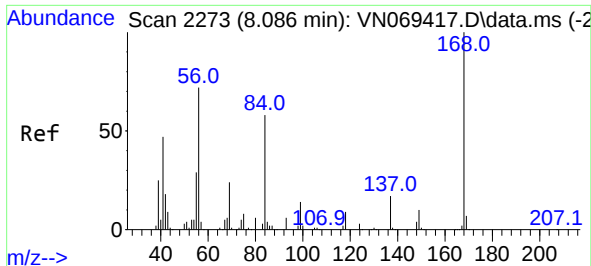
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



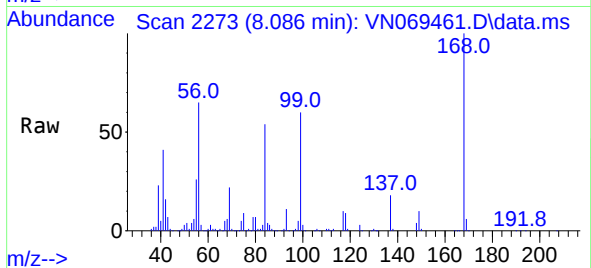
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

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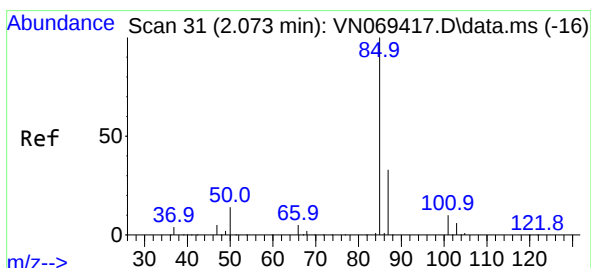
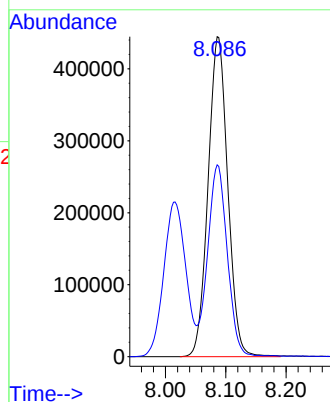
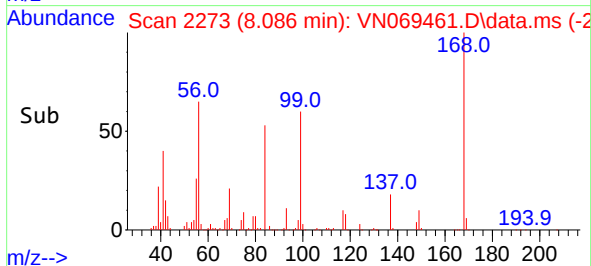


Tgt Ion:168 Resp: 1007220
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

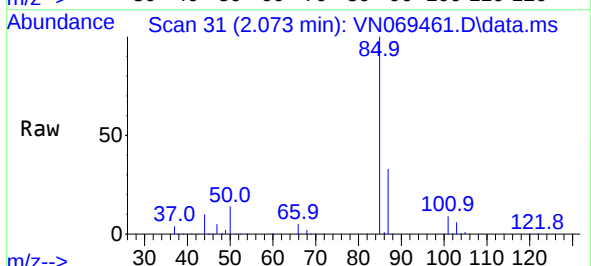
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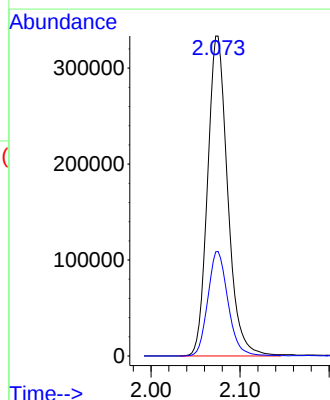
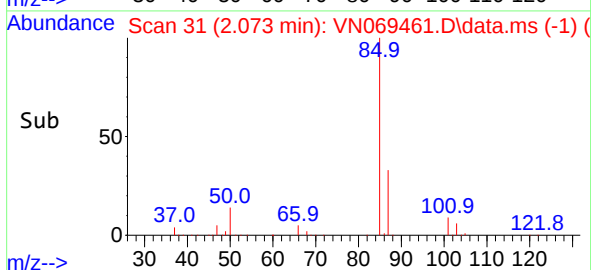
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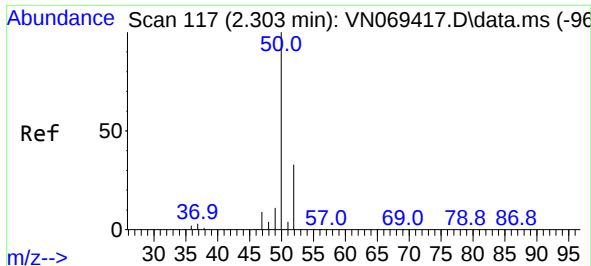


#2
Dichlorodifluoromethane
Concen: 48.628 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



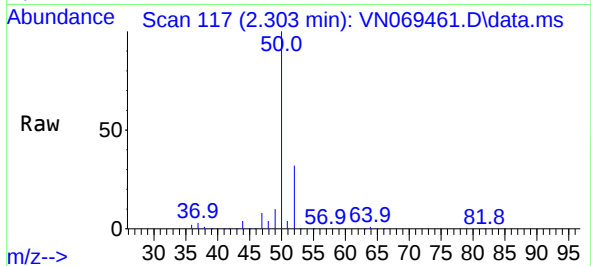
Tgt Ion: 85 Resp: 523277
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 45.854 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

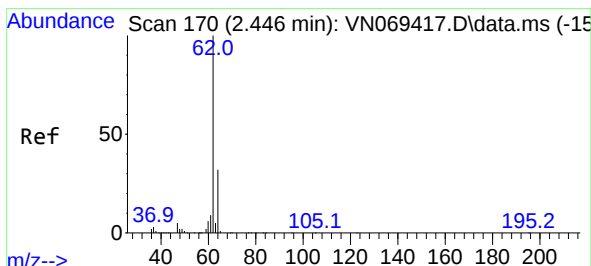
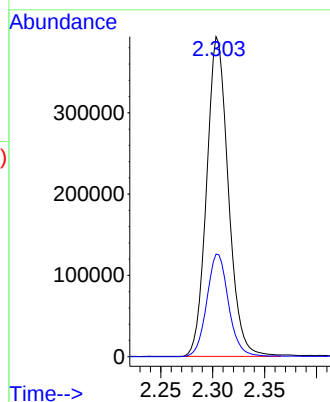
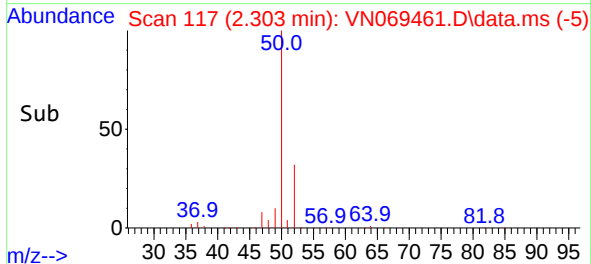
Instrument :
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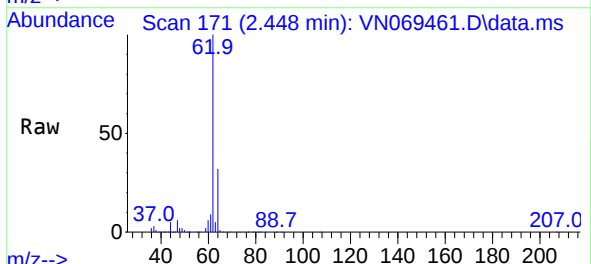
Tgt Ion: 50 Resp: 57222
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

Manual Integrations
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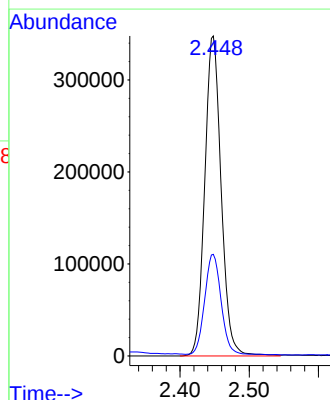
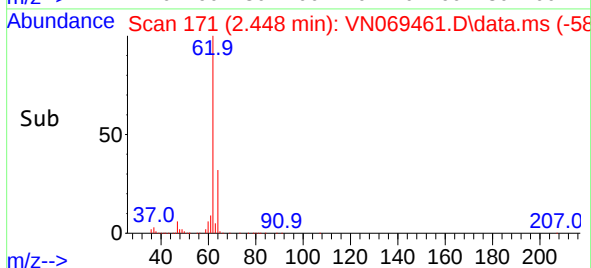
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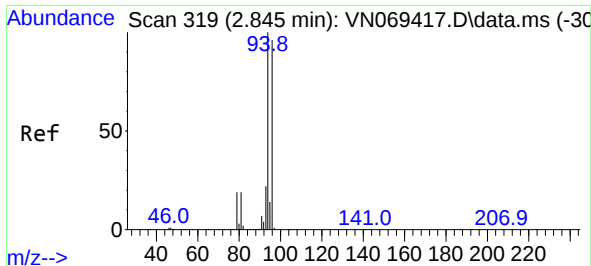


#4
Vinyl Chloride
Concen: 45.833 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



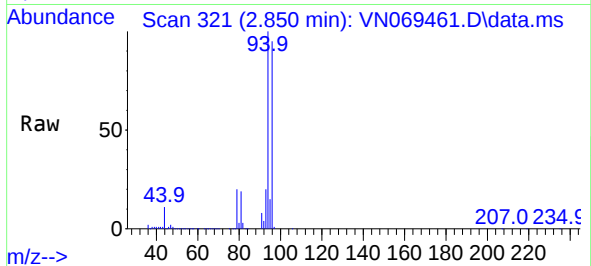
Tgt Ion: 62 Resp: 572699
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 43.472 ug/l
RT: 2.850 min Scan# 319
Delta R.T. 0.005 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

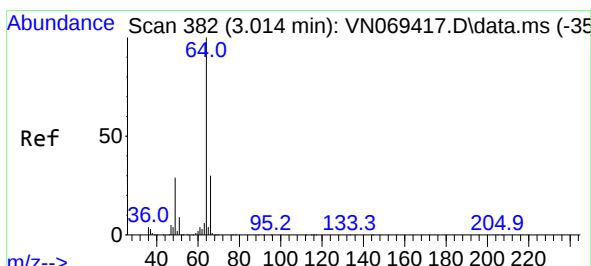
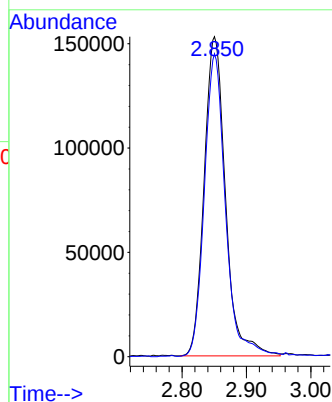
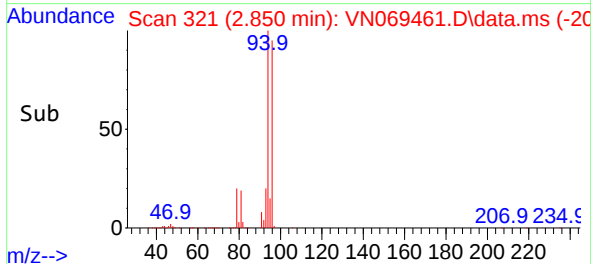
Instrument :
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Tgt Ion: 94 Resp: 35278
Ion Ratio Lower Upper
94 100
96 94.7 73.8 110.8

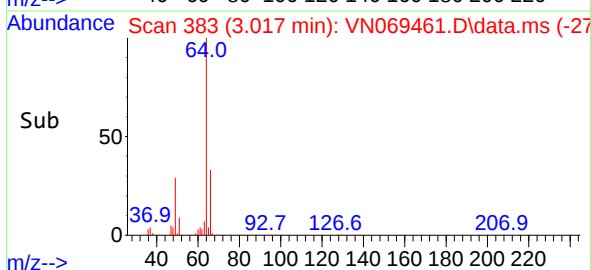
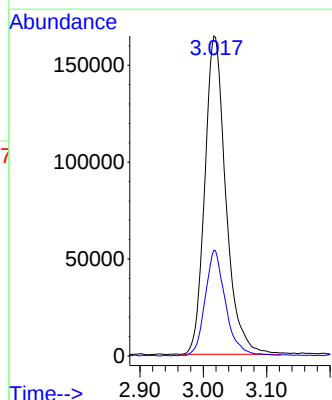
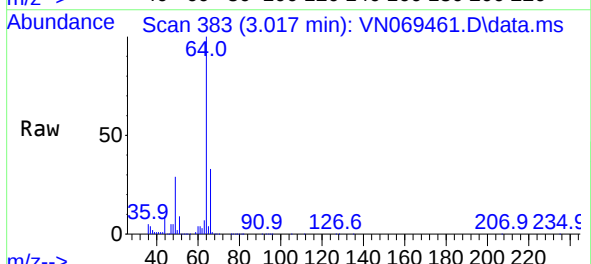
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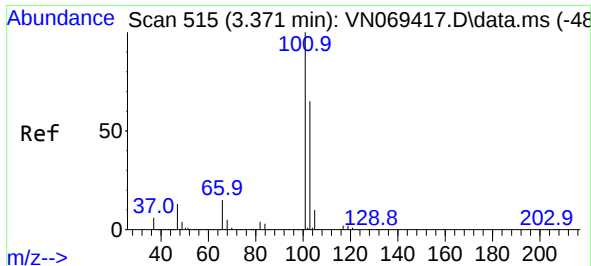
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 45.006 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069461.D
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Tgt Ion: 64 Resp: 379591
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5





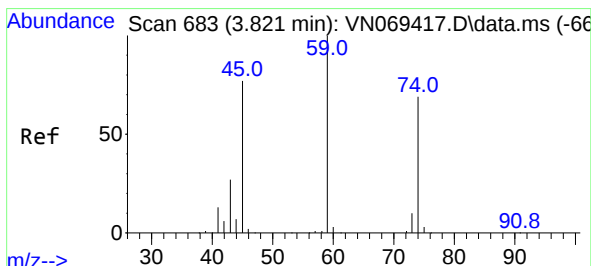
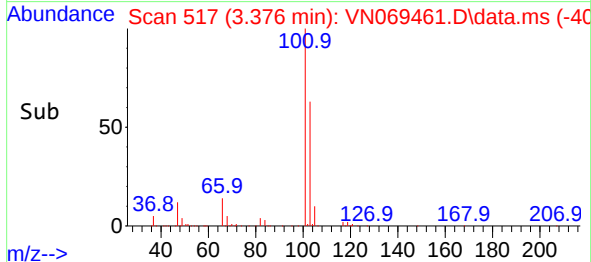
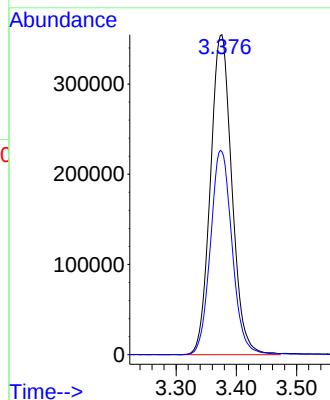
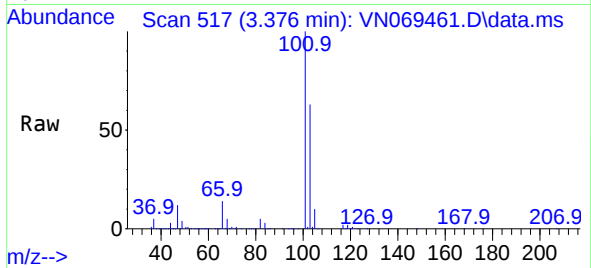
#7
Trichlorofluoromethane
Concen: 45.466 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
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Tgt Ion:101 Resp: 878040
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

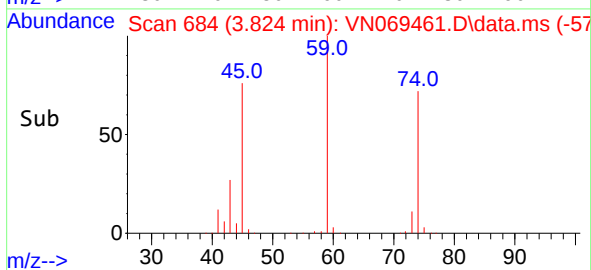
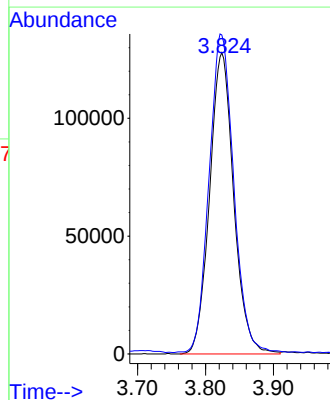
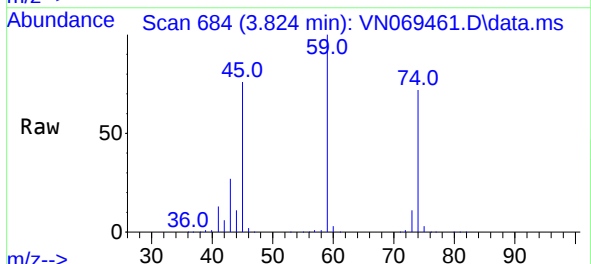
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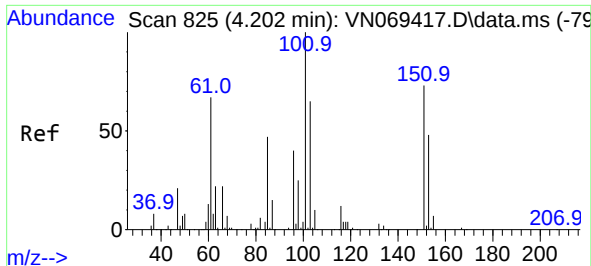
Reviewed By :John Carlone 11/15/2021
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#8
Diethyl Ether
Concen: 50.466 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 74 Resp: 315320
Ion Ratio Lower Upper
74 100
45 107.0 47.0 141.2





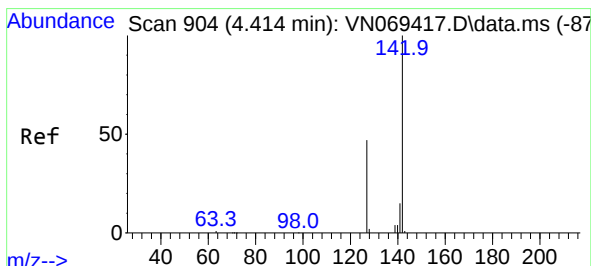
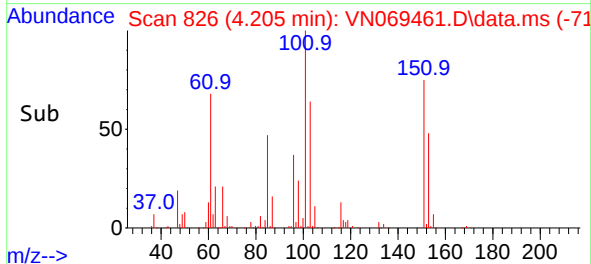
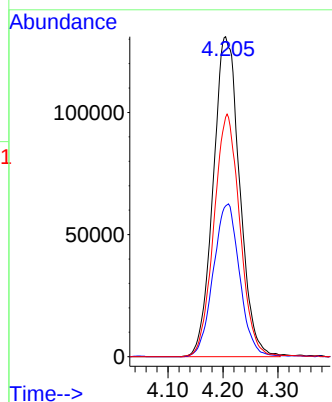
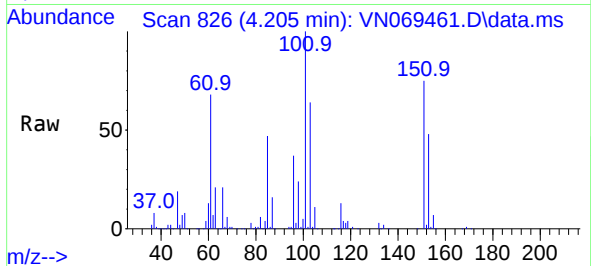
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.192 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 43840
Ion Ratio Lower Upper
101 100
85 47.6 37.2 55.8
151 74.2 65.9 98.9

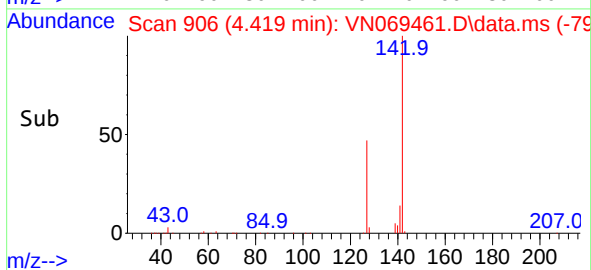
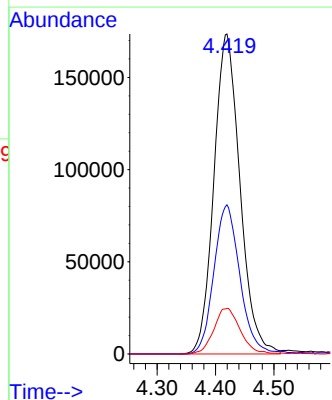
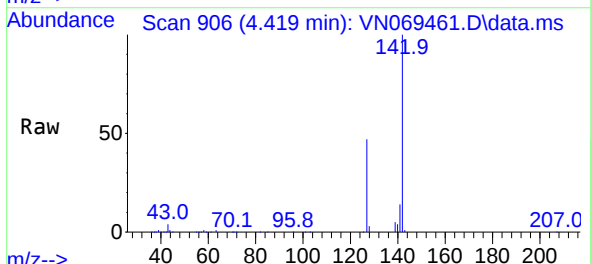
Manual Integrations
APPROVED

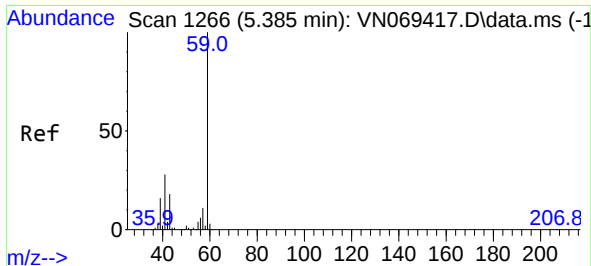
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 48.269 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

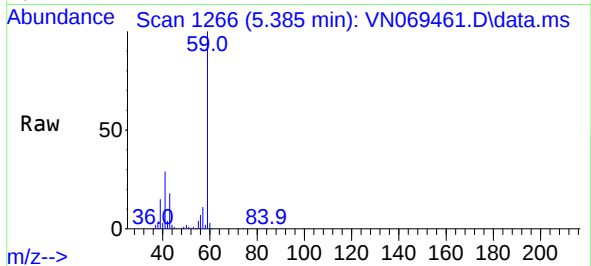
Tgt Ion:142 Resp: 538570
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 232.431 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

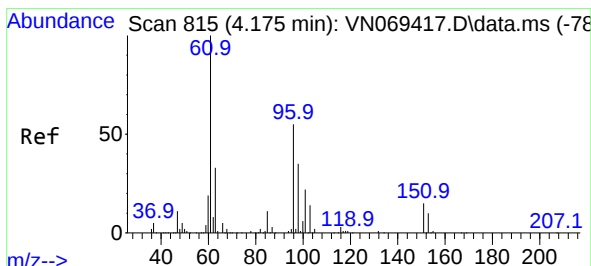
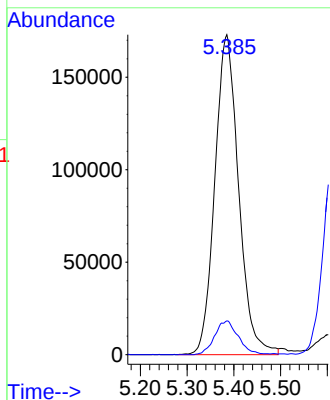
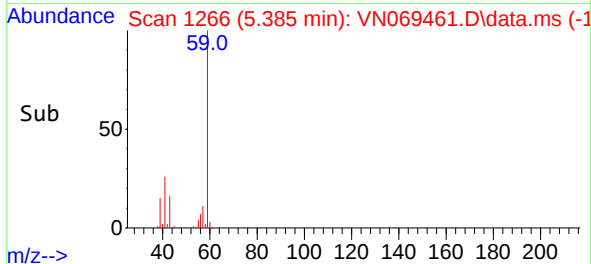
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



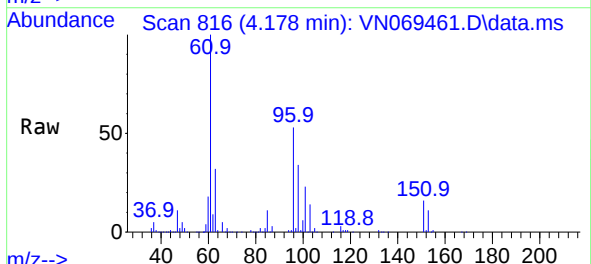
Tgt Ion: 59 Resp: 611670
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

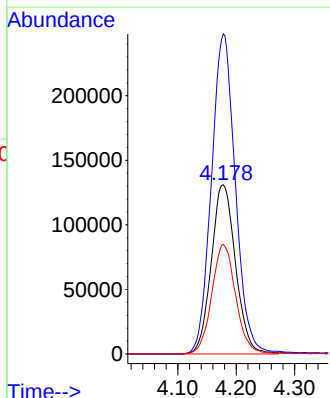
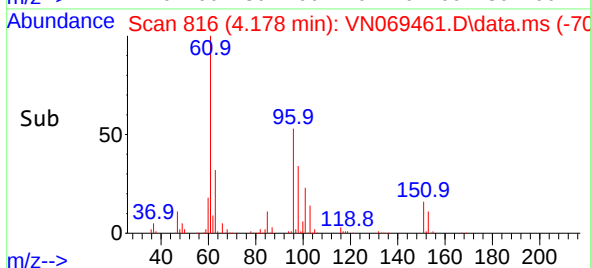
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

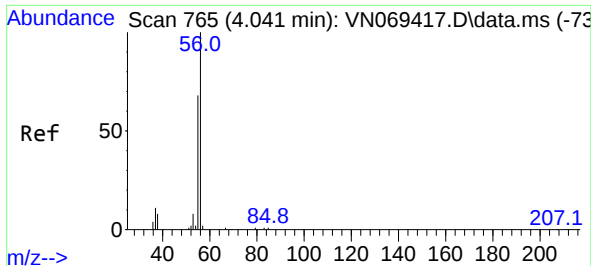


#12
1,1-Dichloroethene
Concen: 46.451 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



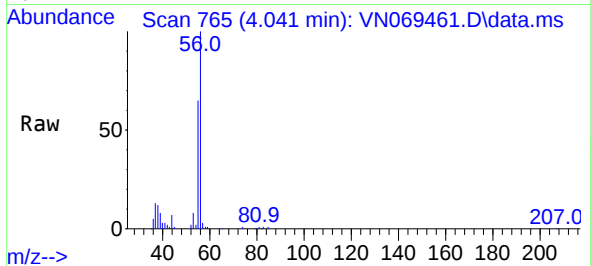
Tgt Ion: 96 Resp: 379205
Ion Ratio Lower Upper
96 100
61 189.3 131.0 196.6
98 64.7 52.4 78.6





#13
Acrolein
Concen: 252.092 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

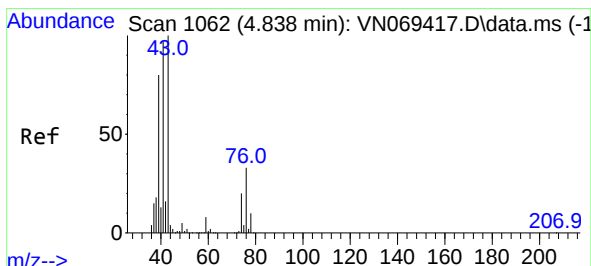
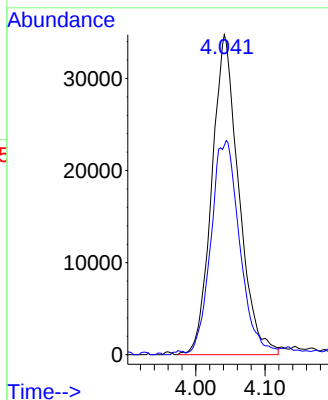
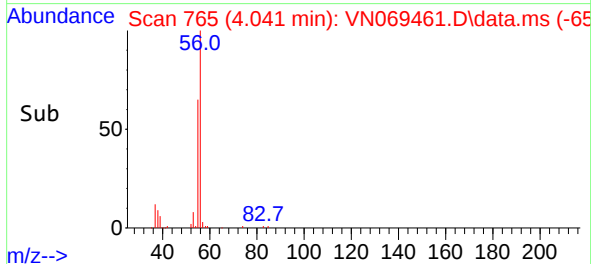
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



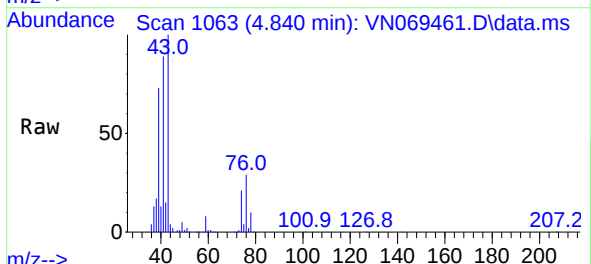
Tgt Ion: 56 Resp: 93924
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

Manual Integrations
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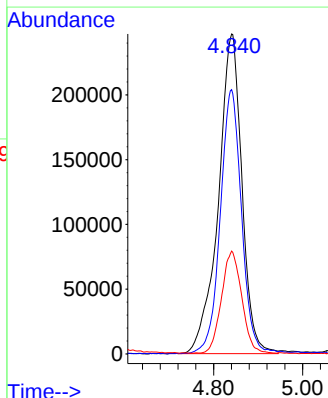
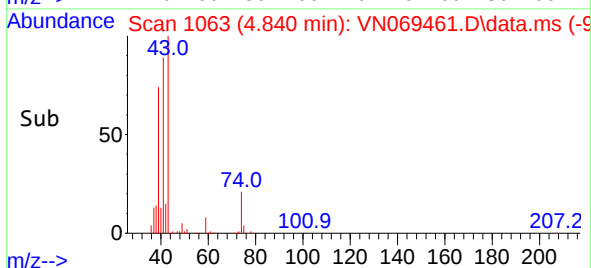
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

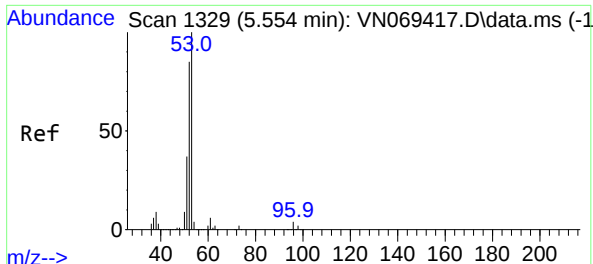


#14
Allyl chloride
Concen: 50.204 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 41 Resp: 906133
Ion Ratio Lower Upper
41 100
39 74.0 61.2 91.8
76 27.4 26.0 39.0





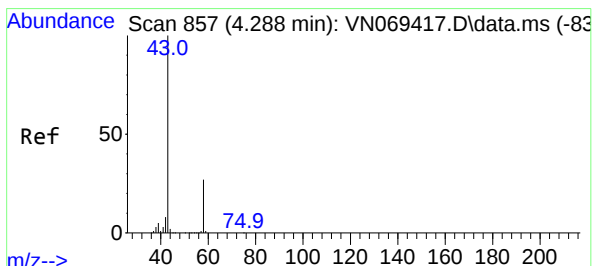
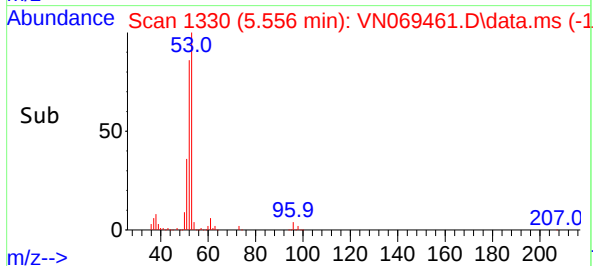
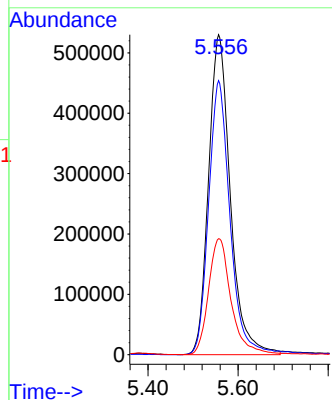
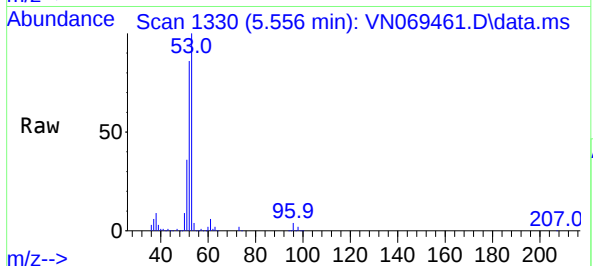
#15
Acrylonitrile
Concen: 264.319 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 178128
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 37.5 29.6 44.4

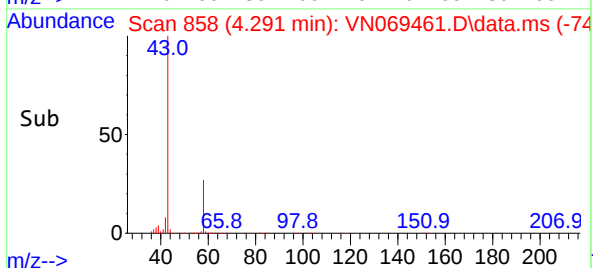
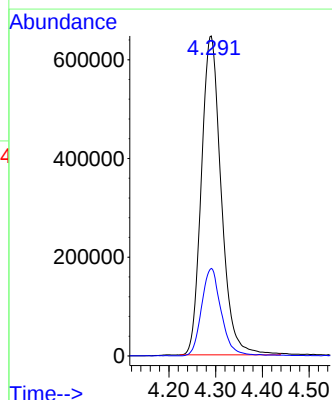
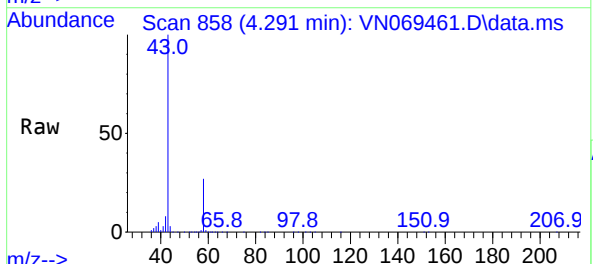
Manual Integrations
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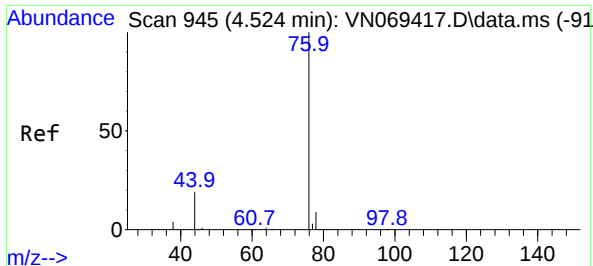
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 241.851 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

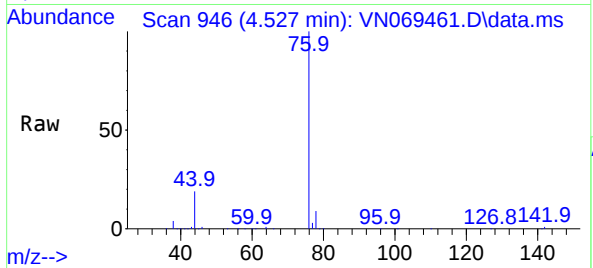
Tgt Ion: 43 Resp: 1905696
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 44.088 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

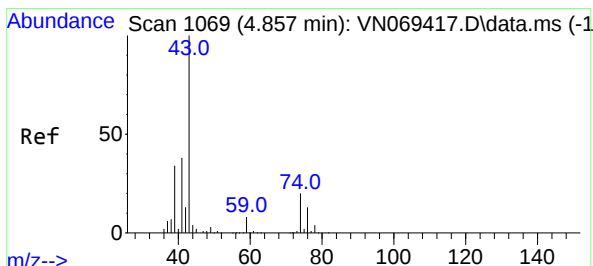
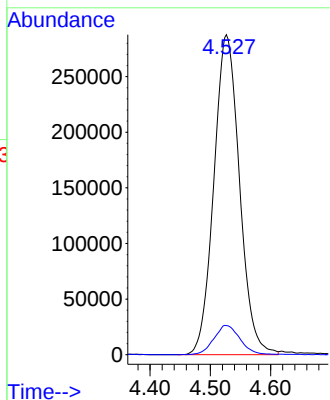
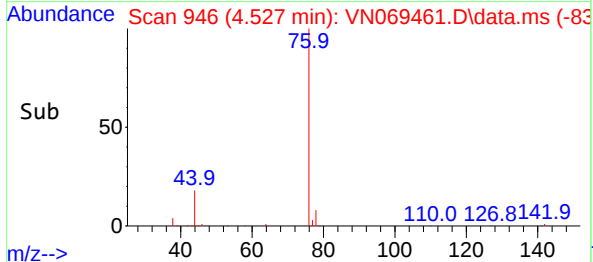
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



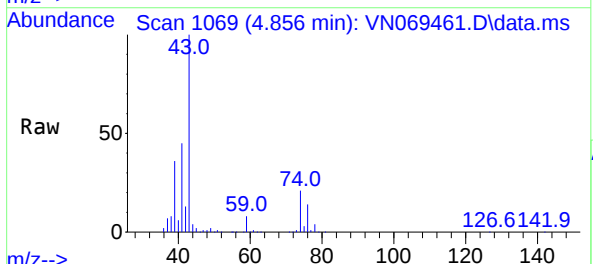
Tgt Ion: 76 Resp: 85076
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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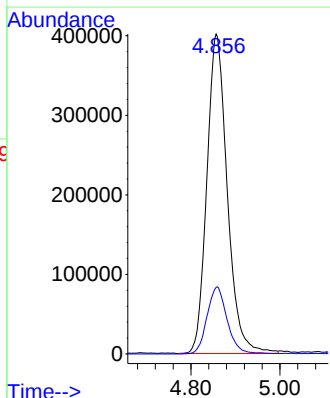
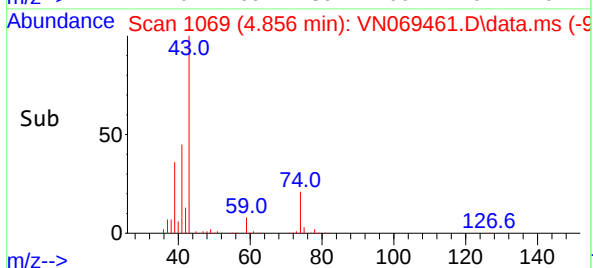
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

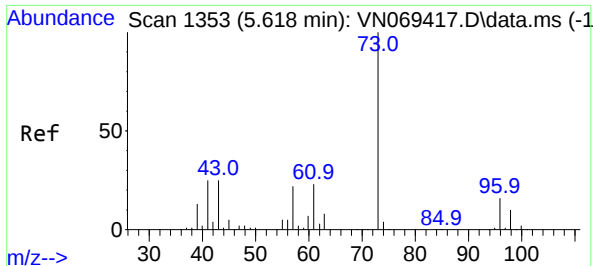


#18
Methyl Acetate
Concen: 49.945 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 43 Resp: 1279308
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 53.821 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 185944

Ion Ratio Lower Upper

73 100

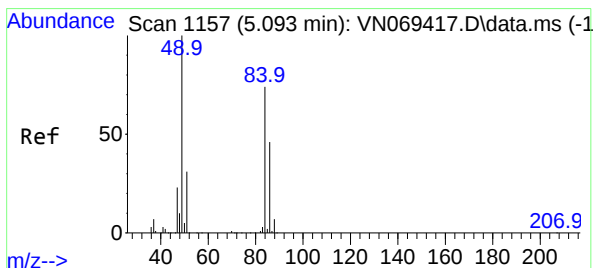
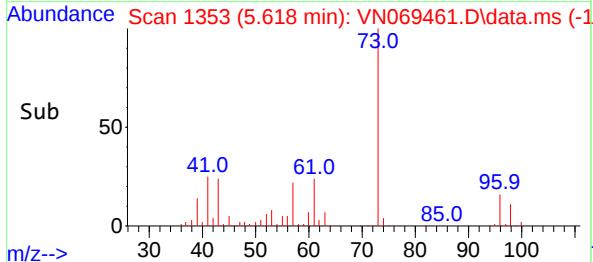
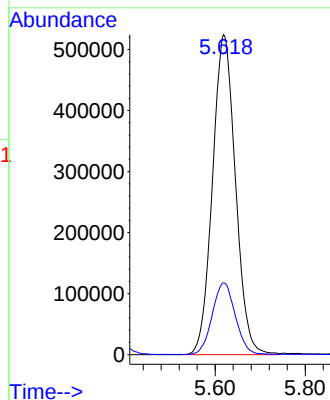
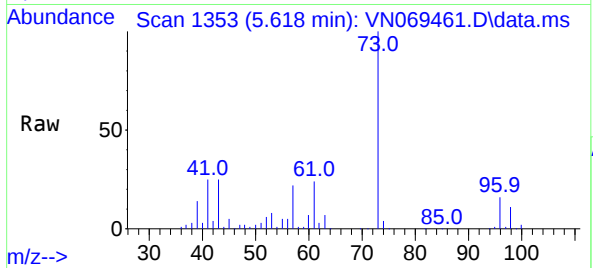
57 22.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 48.770 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Tgt Ion: 84 Resp: 544935

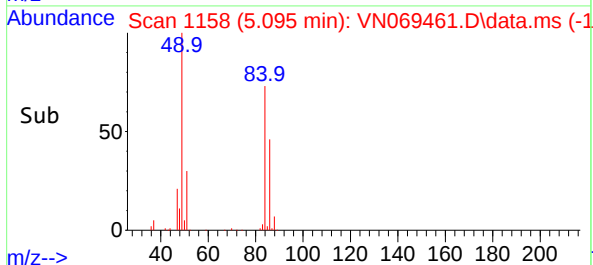
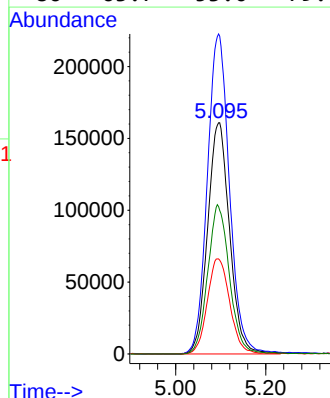
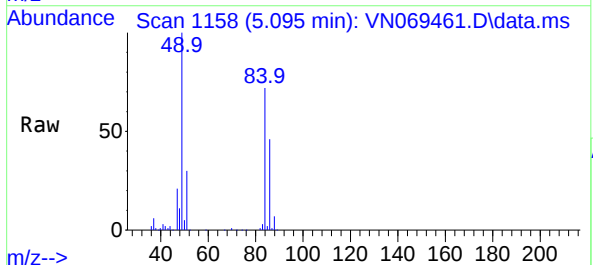
Ion Ratio Lower Upper

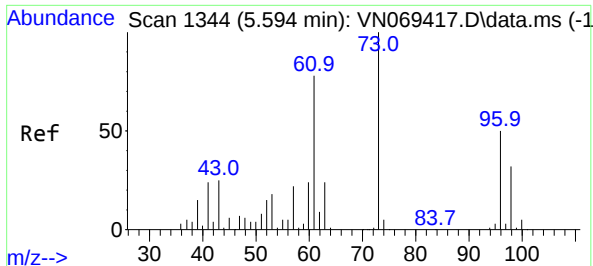
84 100

49 138.4 93.5 140.3

51 41.1 29.4 44.2

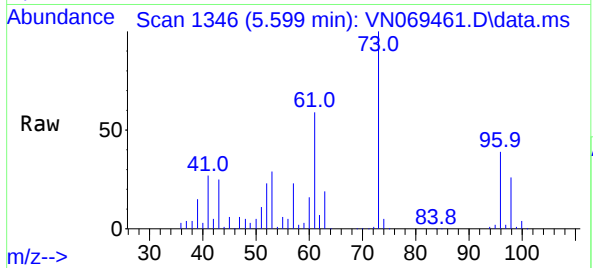
86 63.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.282 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

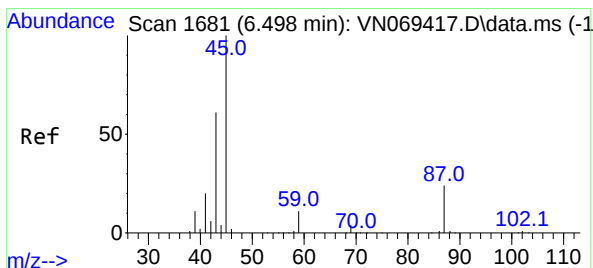
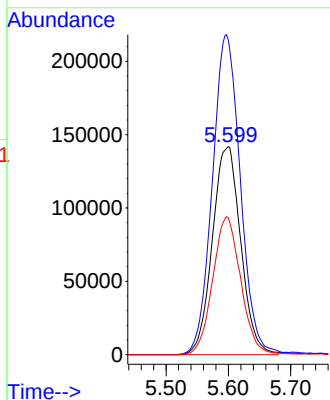
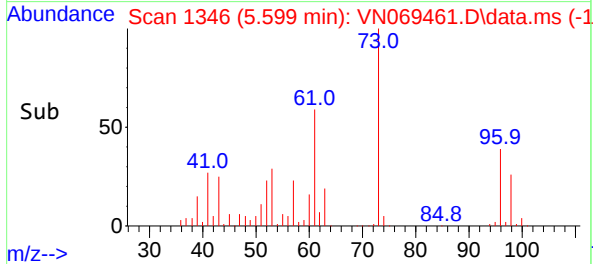
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



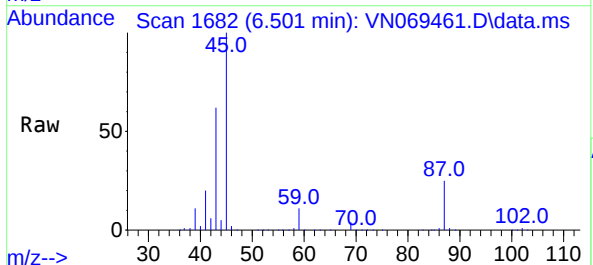
Tgt Ion: 96 Resp: 449350
Ion Ratio Lower Upper
96 100
61 151.5 105.8 158.6
98 65.9 52.0 78.0

Manual Integrations
APPROVED

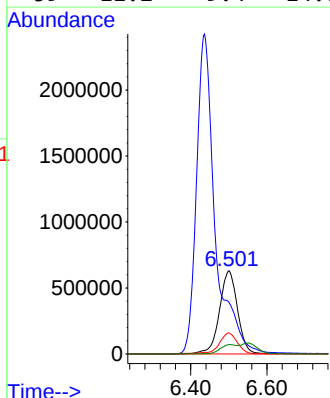
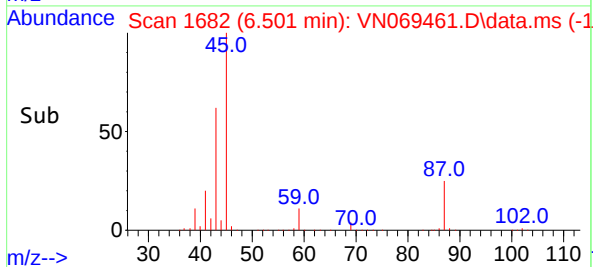
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

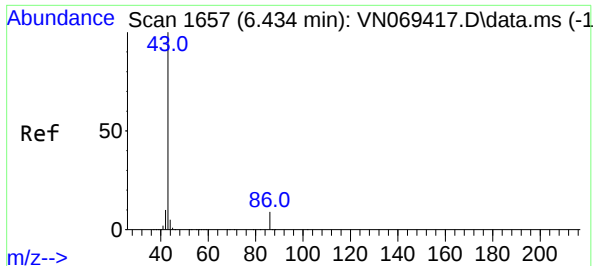


#22
Diisopropyl ether
Concen: 53.299 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



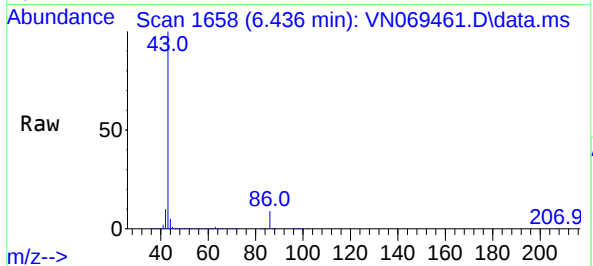
Tgt Ion: 45 Resp: 2072210
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 25.0 23.2 34.8
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 274.157 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069461.D
 Acq: 12 Nov 2021 11:42

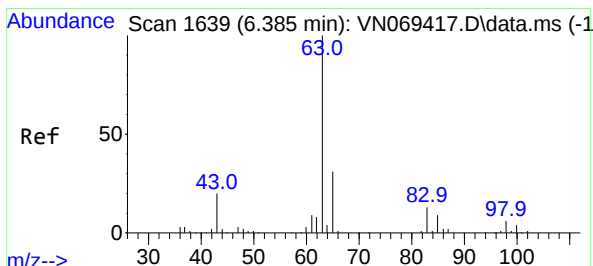
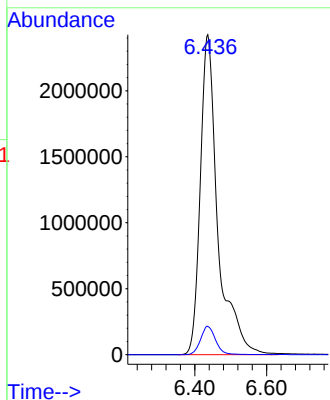
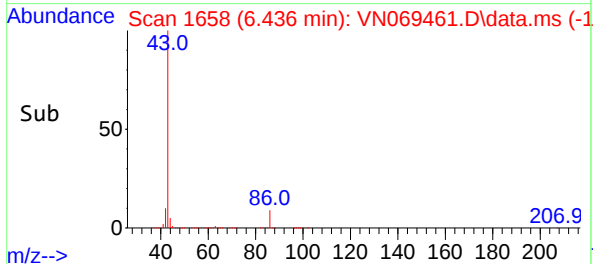
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



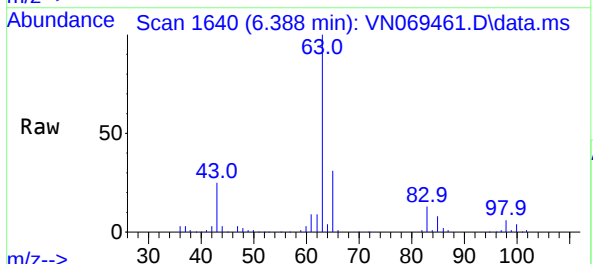
Tgt Ion: 43 Resp: 8244069
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
 APPROVED

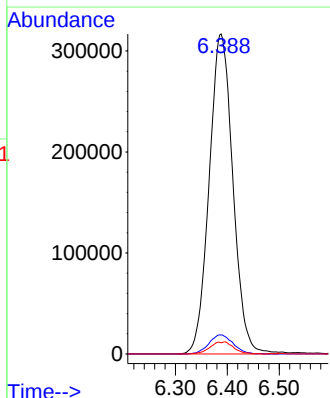
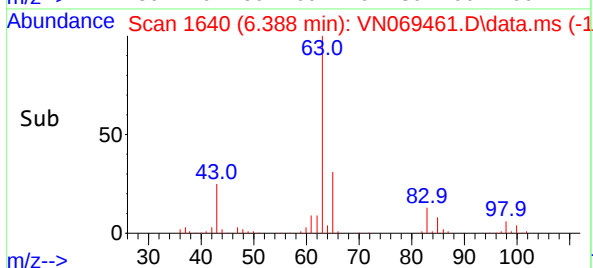
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

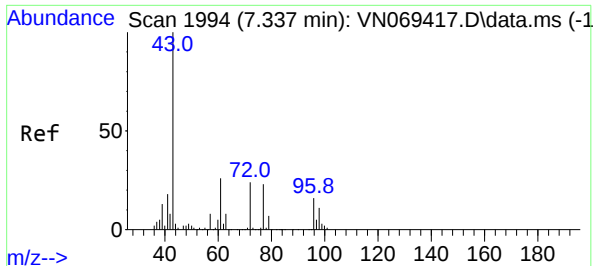


#24
 1,1-Dichloroethane
 Concen: 50.772 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069461.D
 Acq: 12 Nov 2021 11:42



Tgt Ion: 63 Resp: 1005431
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 256.032 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 273176

Ion Ratio Lower Upper

43 100

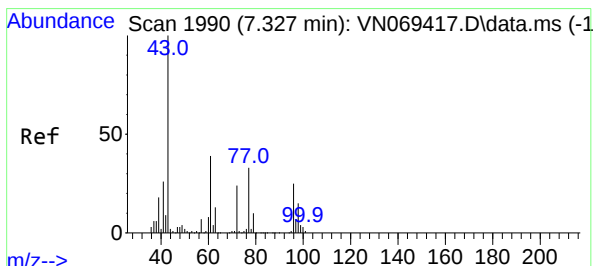
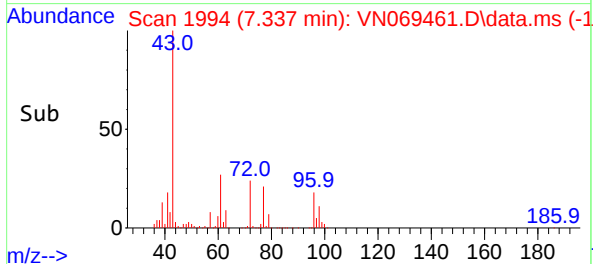
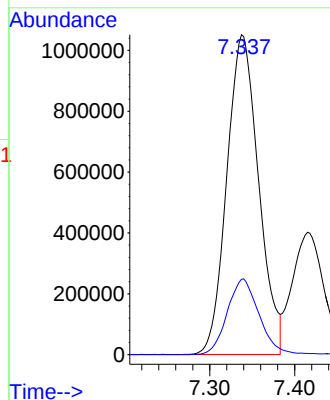
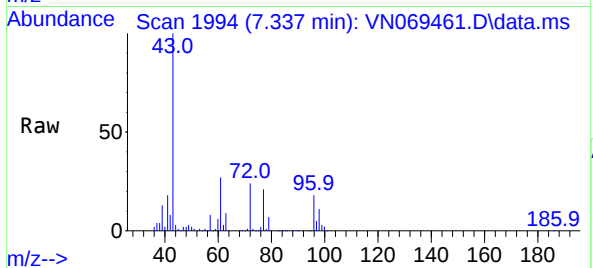
72 23.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 49.450 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069461.D

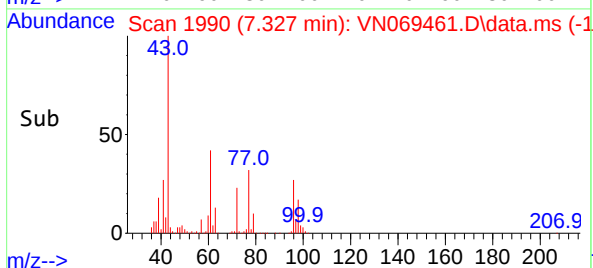
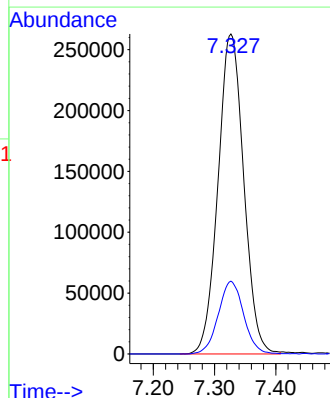
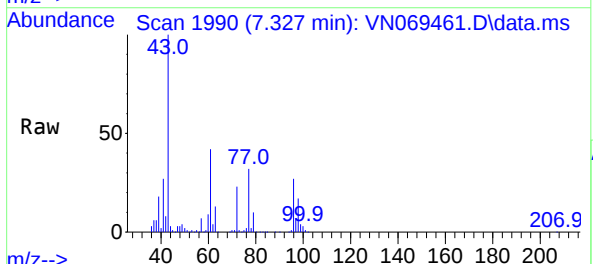
Acq: 12 Nov 2021 11:42

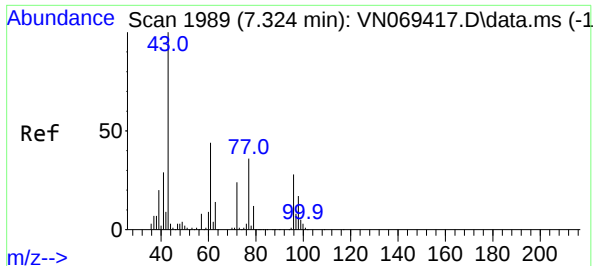
Tgt Ion: 77 Resp: 766167

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 52.589 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

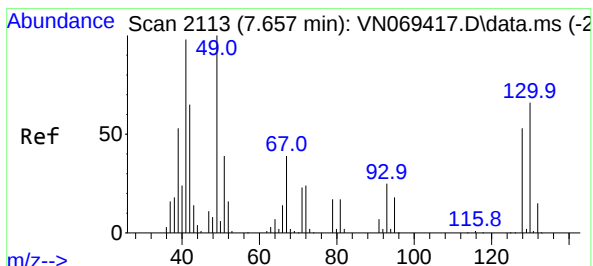
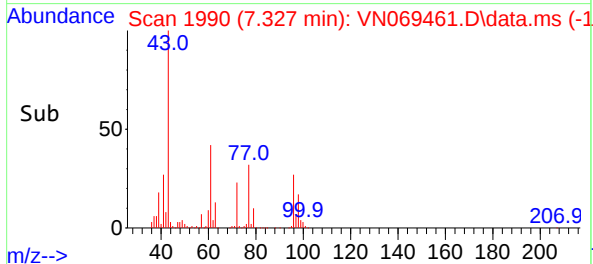
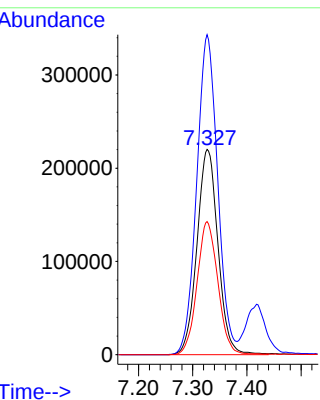
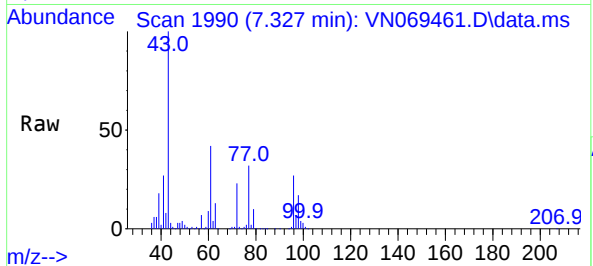
VSTDCCC050

Tgt Ion: 96 Resp: 594418
Ion Ratio Lower Upper
96 100
61 154.9 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations

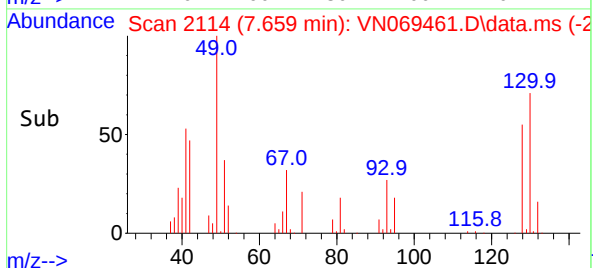
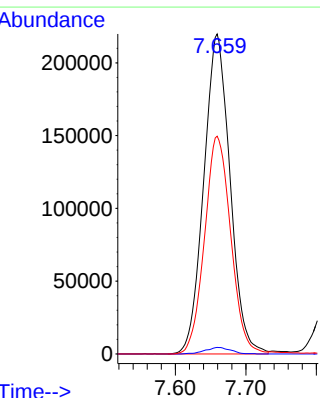
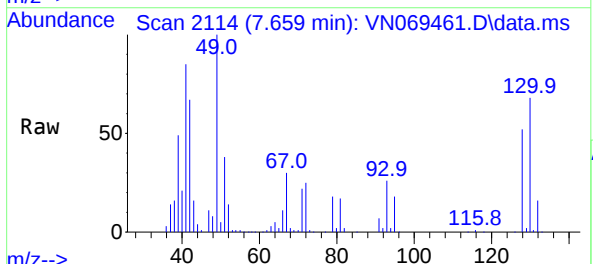
APPROVED

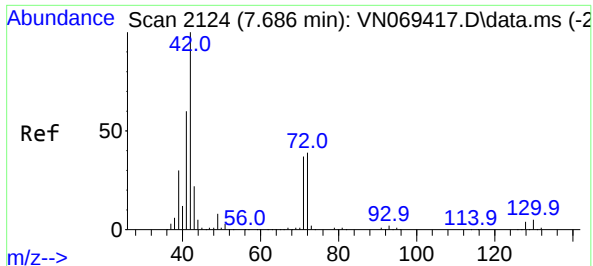
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28
Bromochloromethane
Concen: 56.118 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 49 Resp: 569099
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 67.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 262.881 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1721264

Ion Ratio Lower Upper

42 100

72 38.5 36.3 54.5

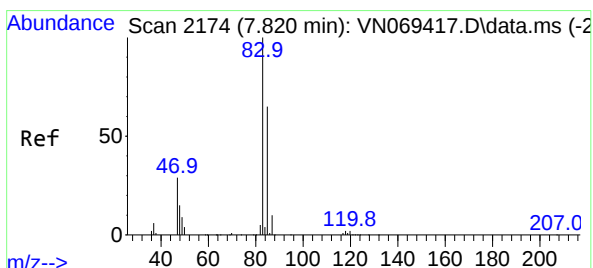
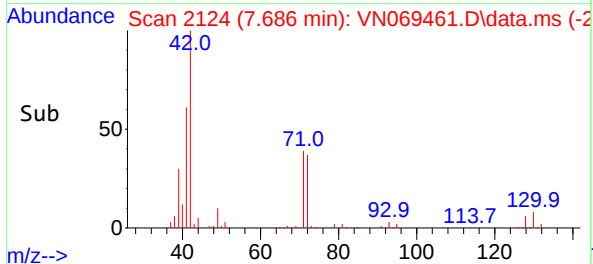
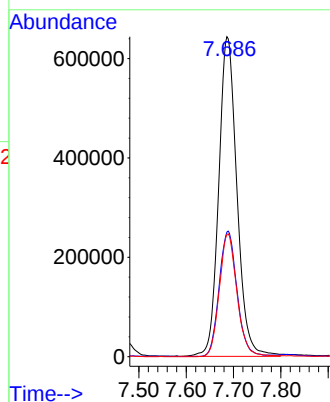
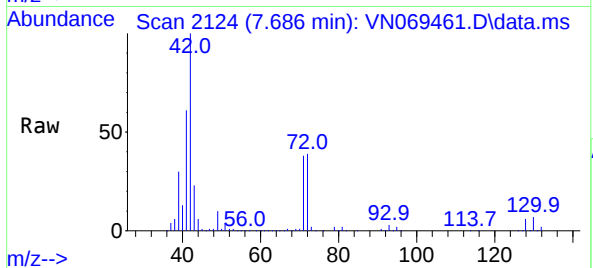
71 37.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 52.955 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069461.D

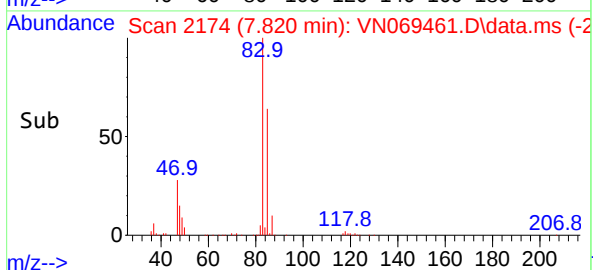
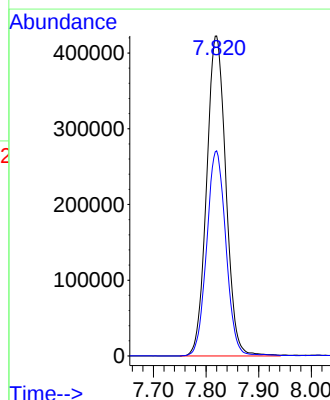
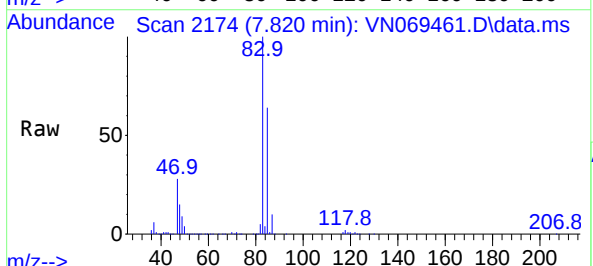
Acq: 12 Nov 2021 11:42

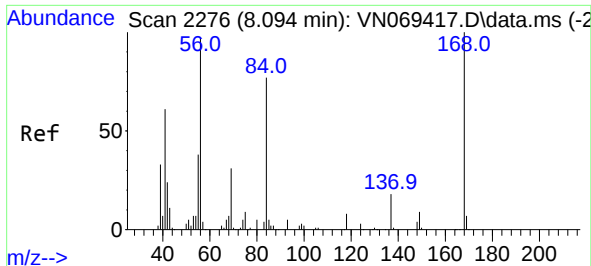
Tgt Ion: 83 Resp: 1075068

Ion Ratio Lower Upper

83 100

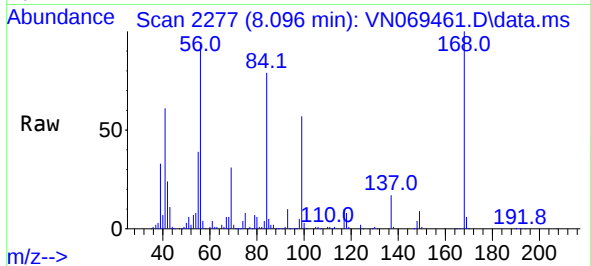
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 43.999 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

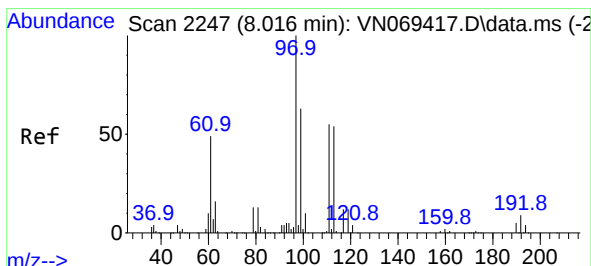
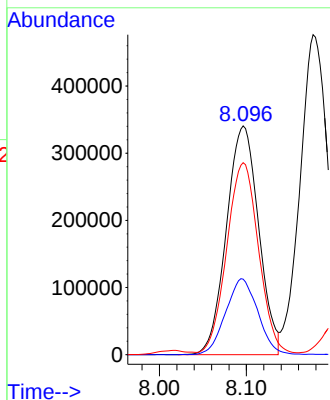
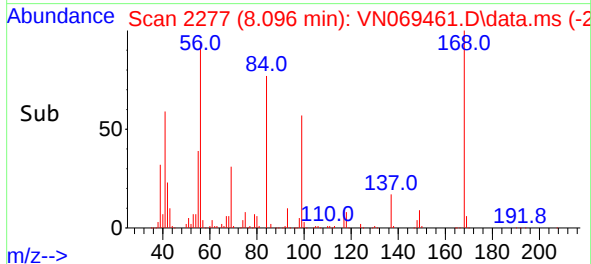
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



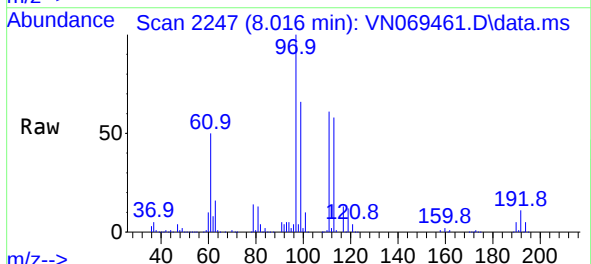
Tgt Ion: 56 Resp: 87788
Ion Ratio Lower Upper
56 100
69 33.0 27.1 40.7
84 82.2 73.4 110.0

Manual Integrations
APPROVED

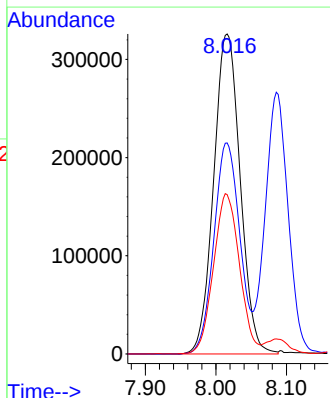
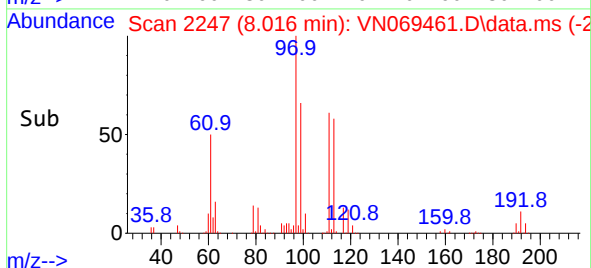
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

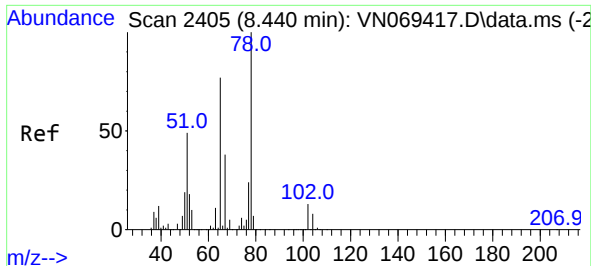


#32
1,1,1-Trichloroethane
Concen: 50.341 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 97 Resp: 853077
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 49.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.168 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 747269

Ion Ratio Lower Upper

65 100

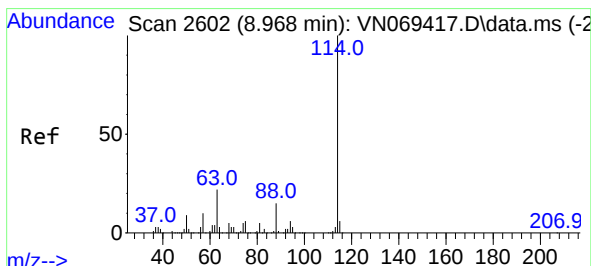
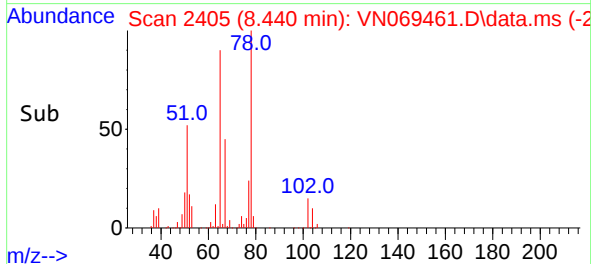
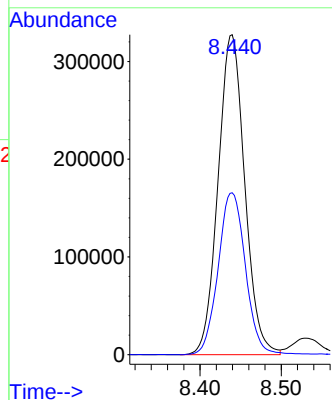
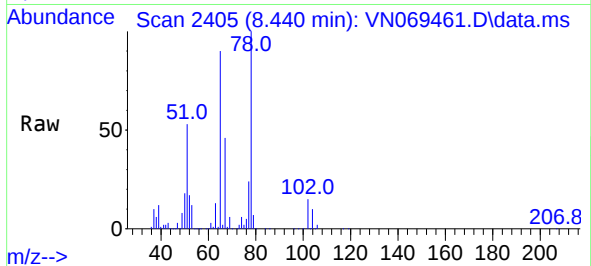
67 51.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

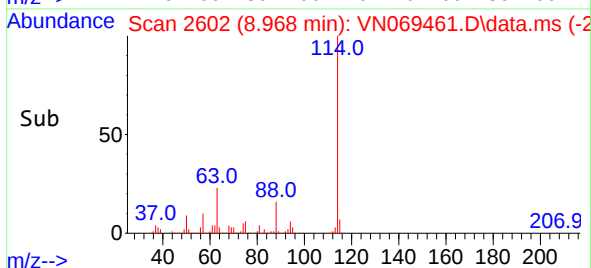
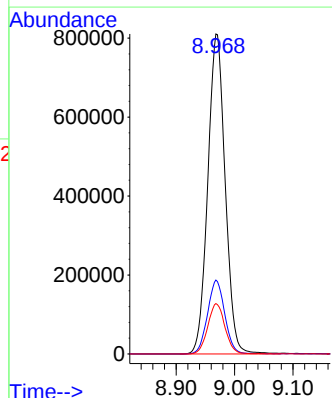
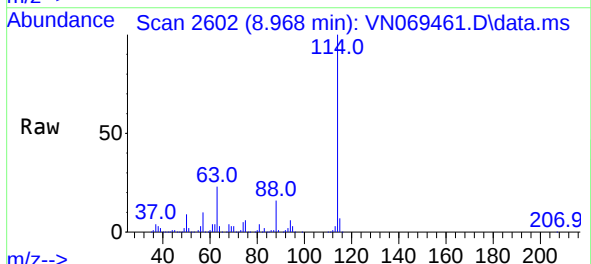
Tgt Ion:114 Resp: 1678512

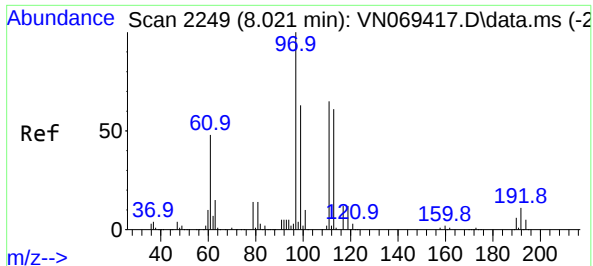
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 15.7 0.0 27.4





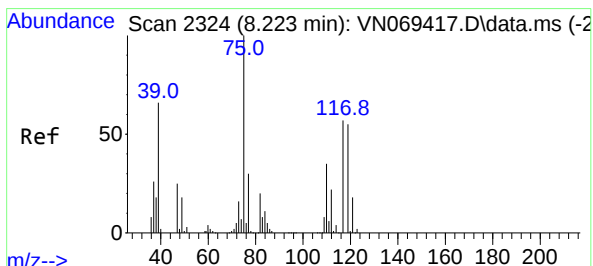
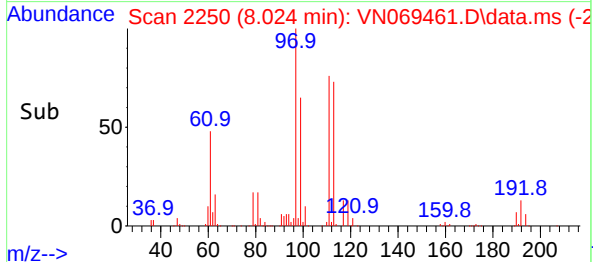
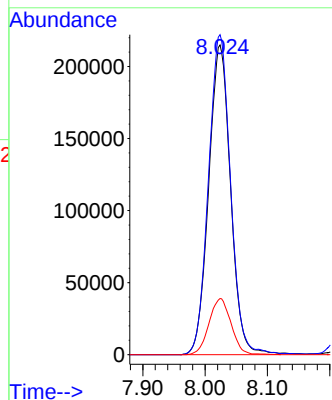
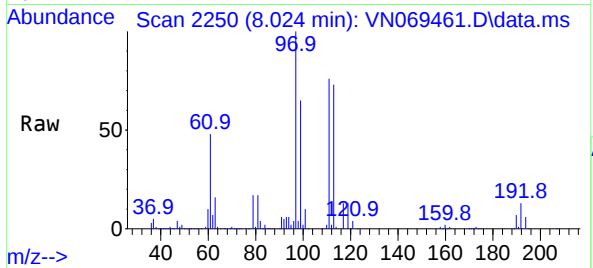
#35
Dibromofluoromethane
Concen: 52.181 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 525304
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.1 16.9 25.3

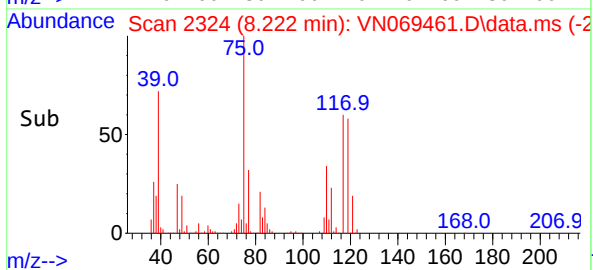
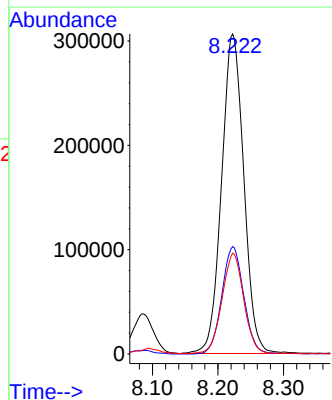
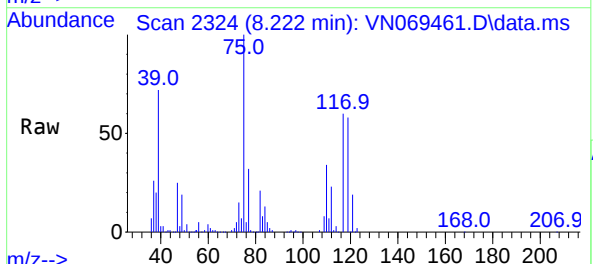
Manual Integrations
APPROVED

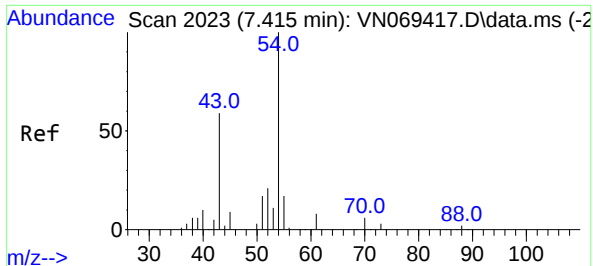
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 50.912 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 75 Resp: 719061
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 54.584 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

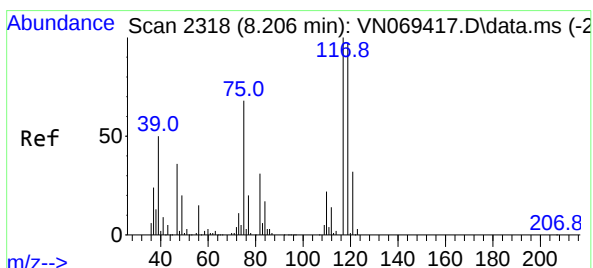
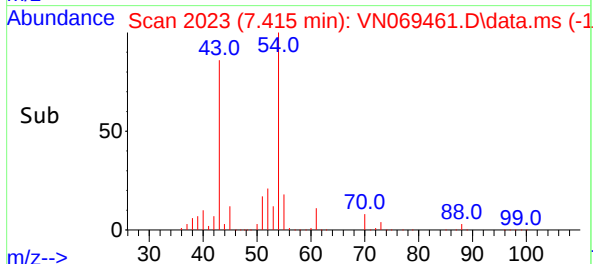
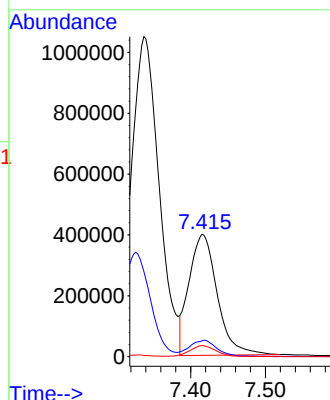
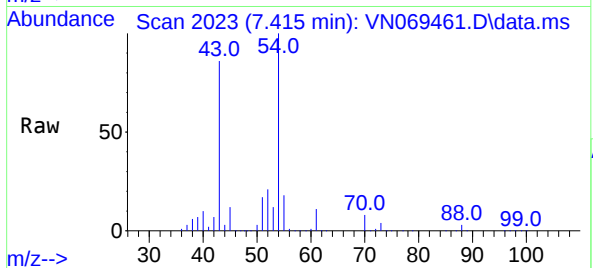
VSTDCCC050

Tgt Ion: 43 Resp: 104212
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 8.4 7.9 11.9

Manual Integrations

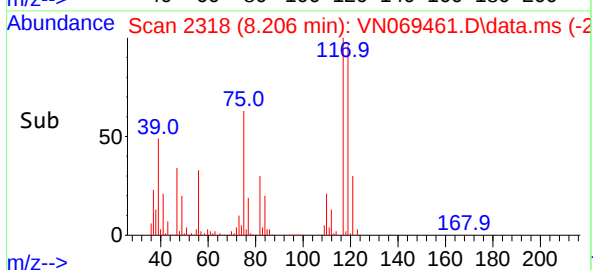
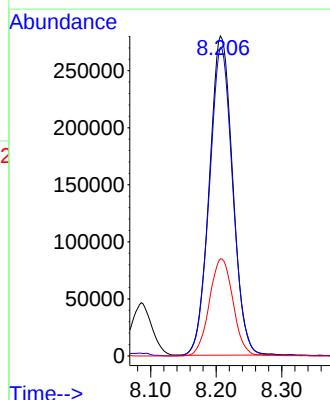
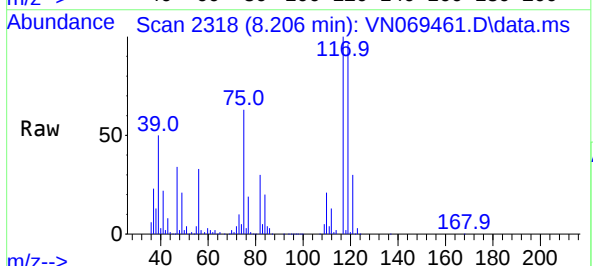
APPROVED

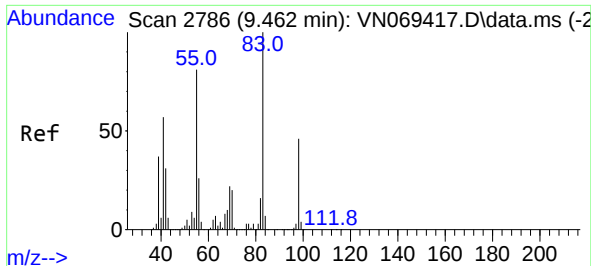
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 50.745 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

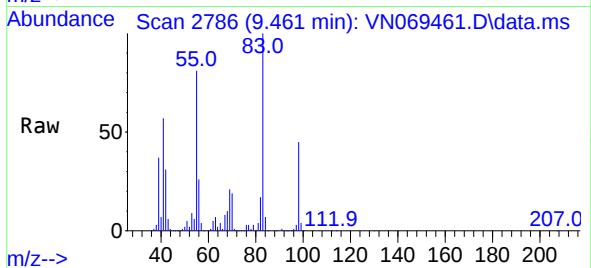
Tgt Ion:117 Resp: 691935
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1
121 30.4 24.2 36.2





#39
Methylcyclohexane
Concen: 49.497 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

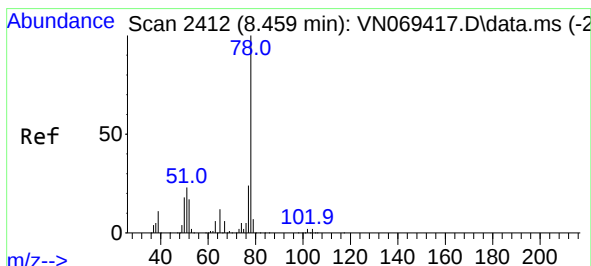
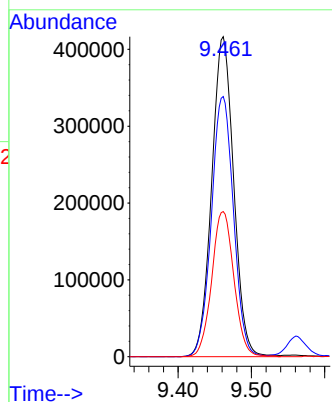
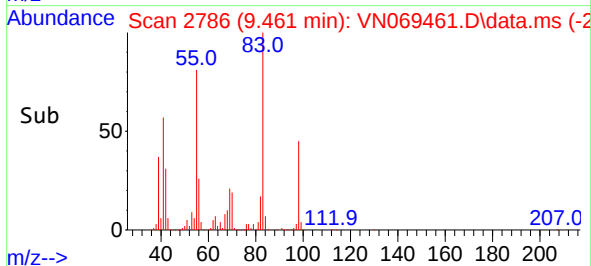
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



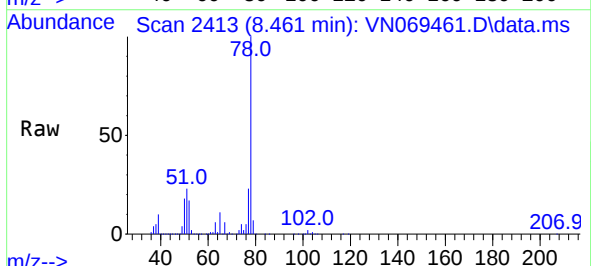
Tgt Ion: 83 Resp: 869640
Ion Ratio Lower Upper
83 100
55 81.3 58.1 87.1
98 45.3 38.4 57.6

Manual Integrations
APPROVED

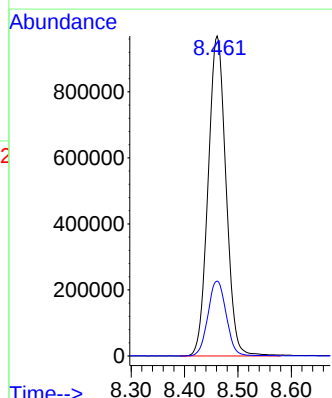
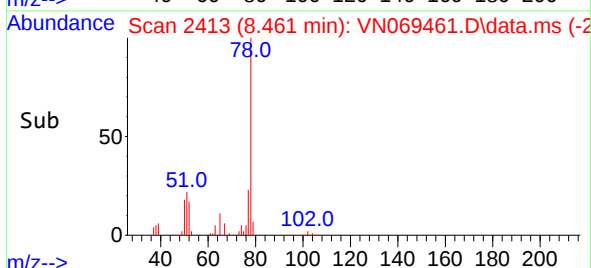
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

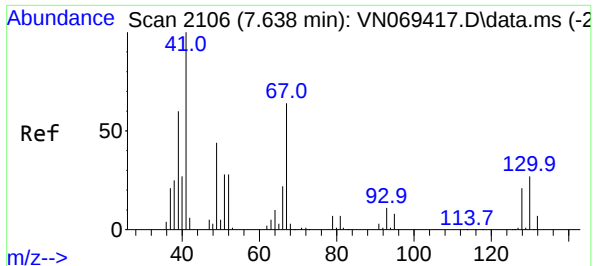


#40
Benzene
Concen: 51.637 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 78 Resp: 2251115
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





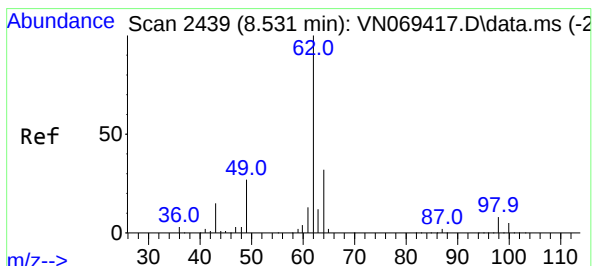
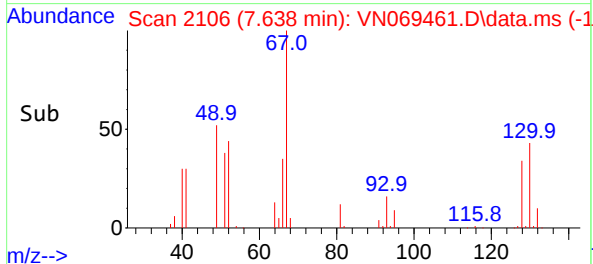
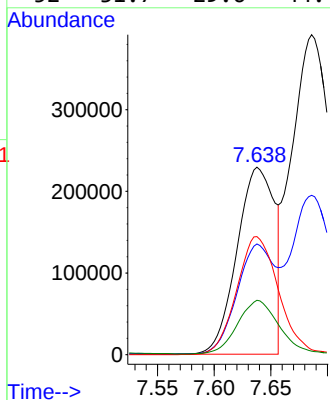
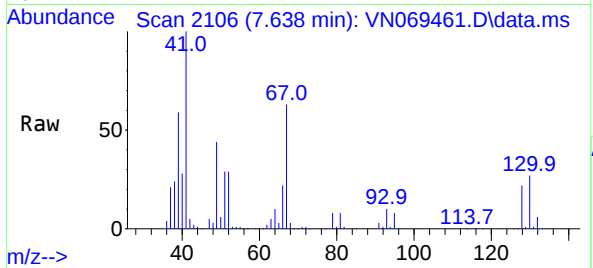
#41
Methacrylonitrile
Concen: 53.554 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion: 41 Resp: 52831
Ion Ratio Lower Upper
41 100
39 58.1 48.1 72.1
67 71.1 68.3 102.5
52 31.7 29.6 44.4

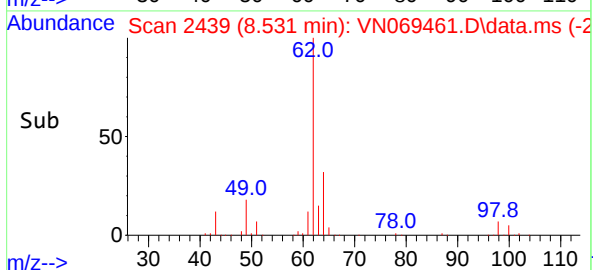
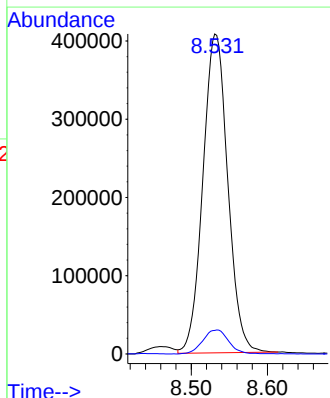
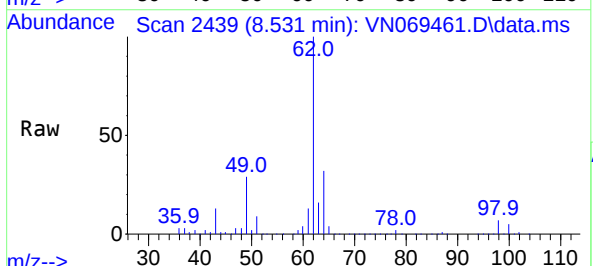
Manual Integrations
APPROVED

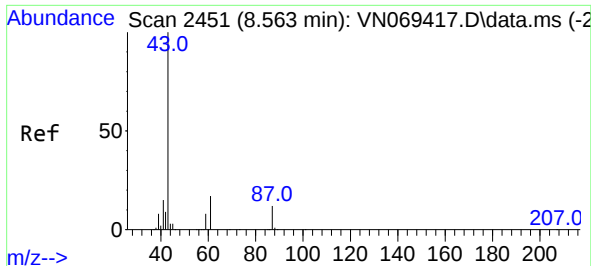
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 54.031 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 62 Resp: 922297
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





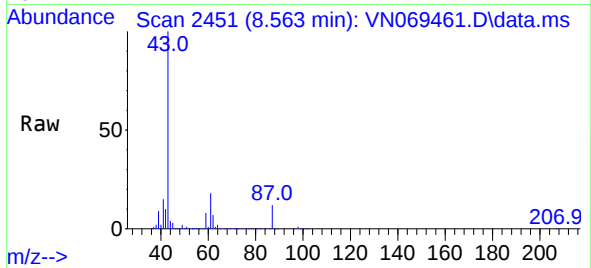
#43
Isopropyl Acetate
Concen: 54.679 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



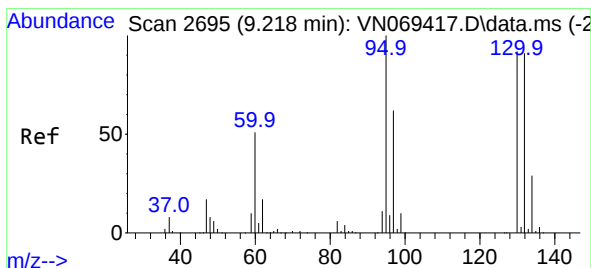
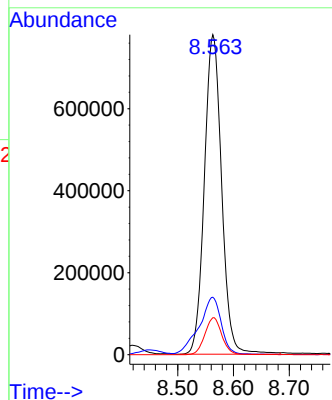
Tgt Ion: 43 Resp: 1676774
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.4 11.2 16.8

Manual Integrations

APPROVED

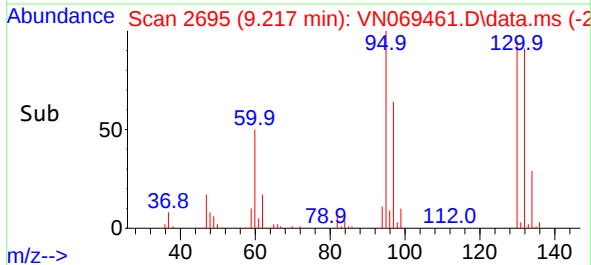
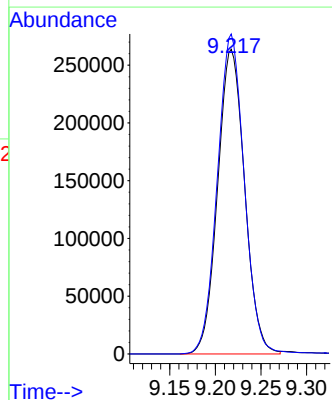
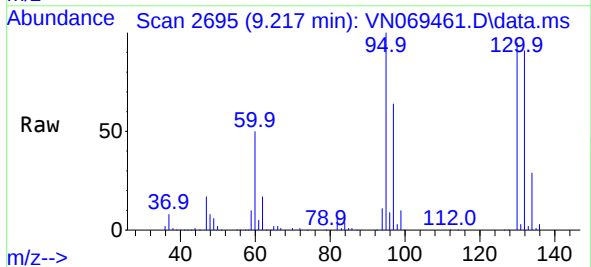
Reviewed By :John Carlone 11/15/2021

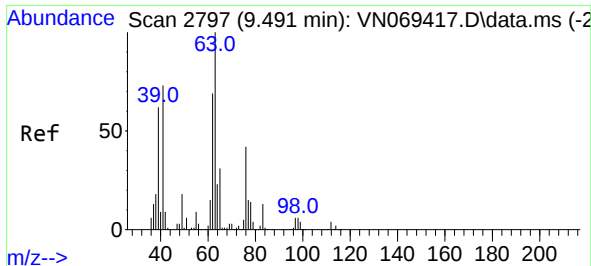
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 51.973 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion:130 Resp: 542262
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.301 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 632450

Ion Ratio Lower Upper

63 100

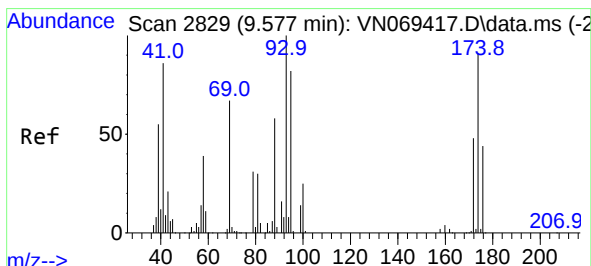
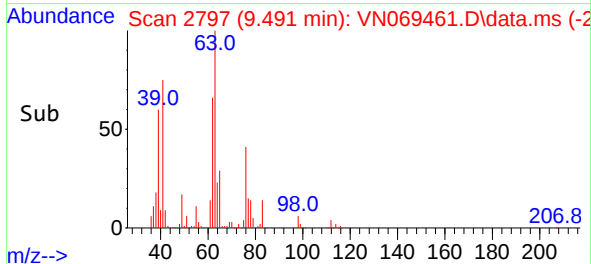
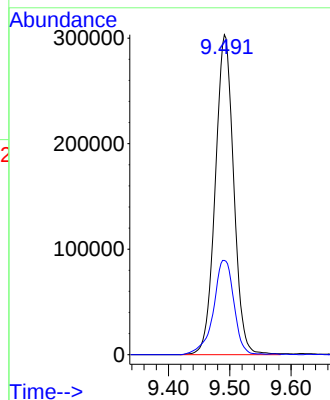
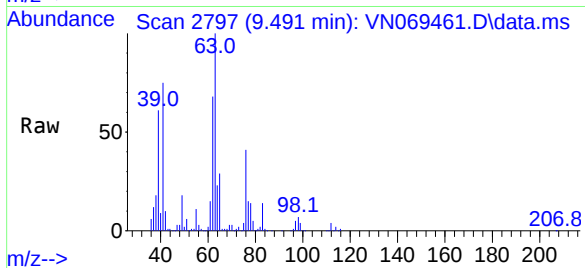
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 54.726 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

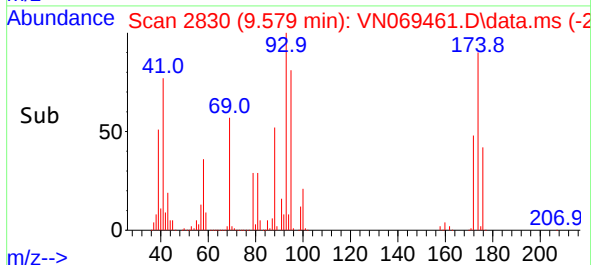
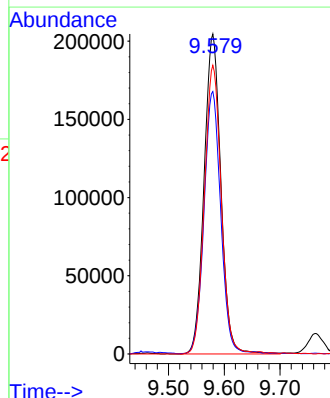
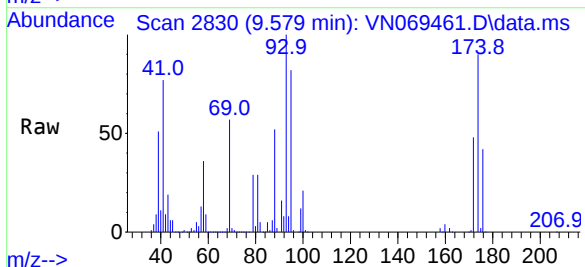
Tgt Ion: 93 Resp: 426944

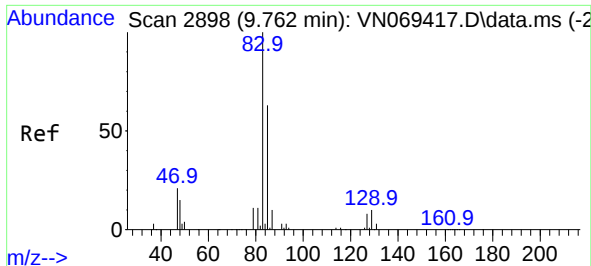
Ion Ratio Lower Upper

93 100

95 81.5 65.9 98.9

174 90.5 84.6 127.0





#47
Bromodichloromethane
Concen: 56.297 ug/l
RT: 9.764 min Scan# 2898
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

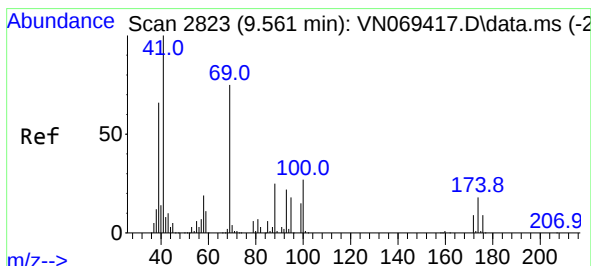
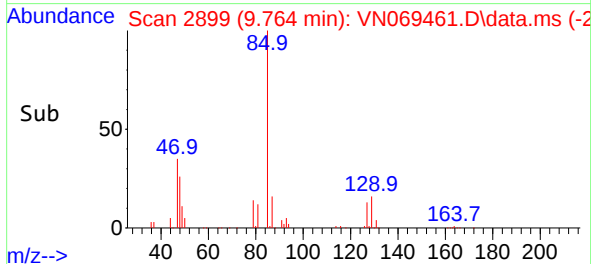
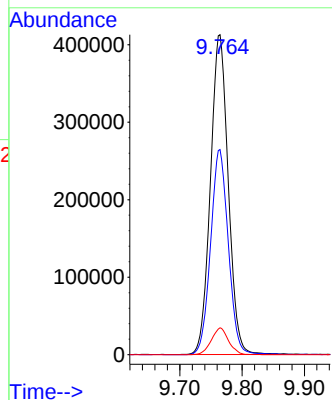
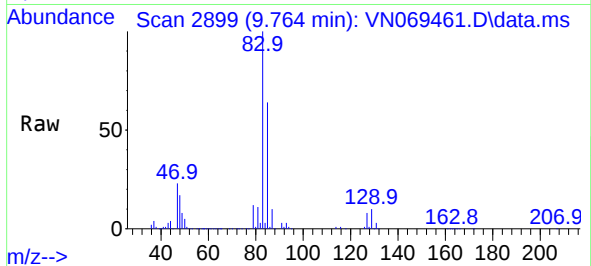
VSTDCCC050

Tgt Ion: 83 Resp: 819570
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations

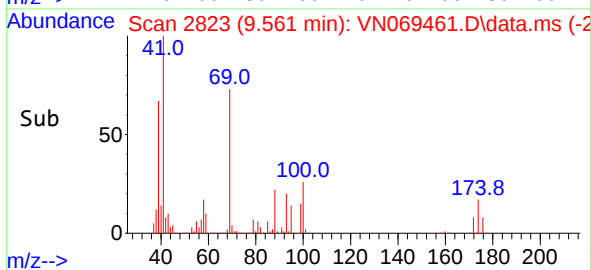
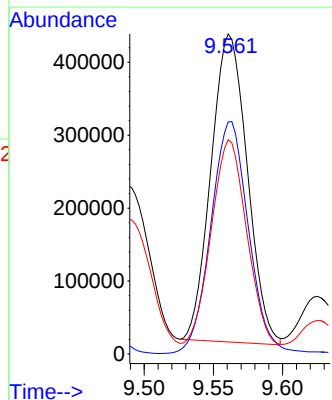
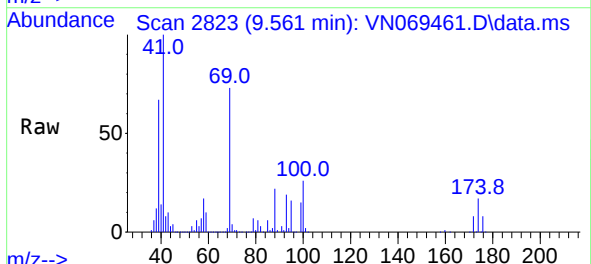
APPROVED

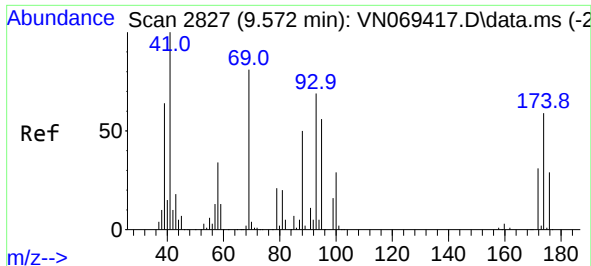
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 53.242 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

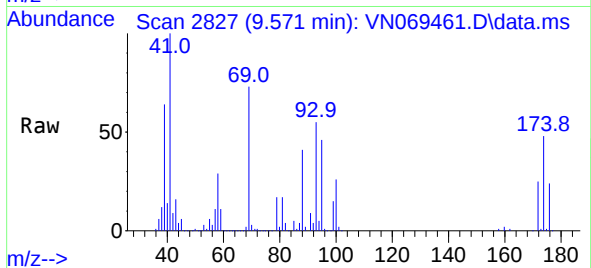
Tgt Ion: 41 Resp: 768162
Ion Ratio Lower Upper
41 100
69 78.8 72.4 108.6
39 71.0 58.4 87.6





#49
1,4-Dioxane
Concen: 975.214 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

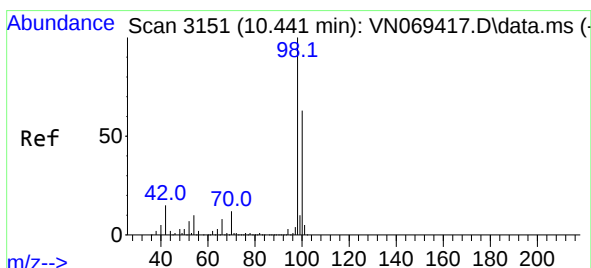
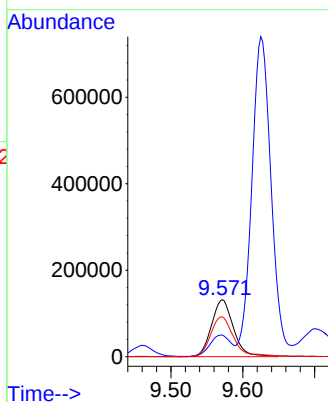
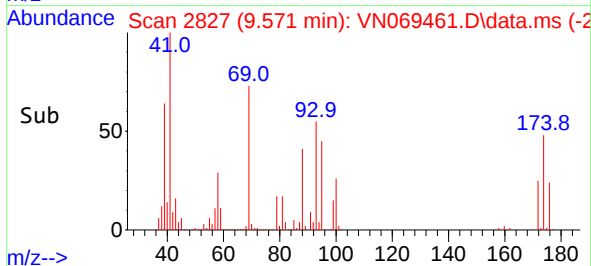
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 278549
Ion Ratio Lower Upper
88 100
43 36.1 23.4 35.2
58 70.9 50.6 75.8

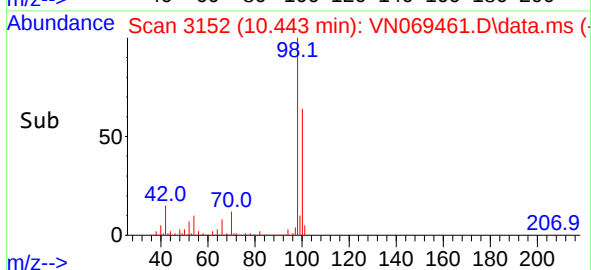
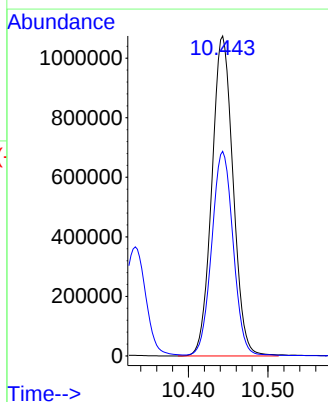
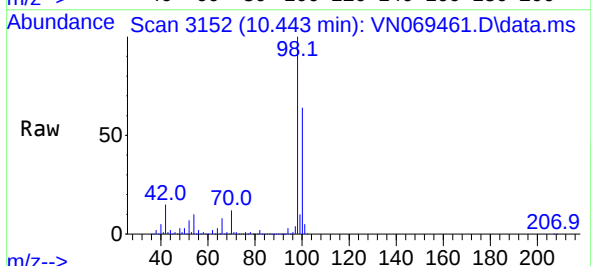
Manual Integrations
APPROVED

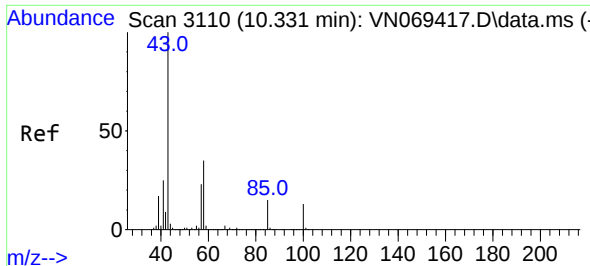
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 98 Resp: 1995192
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





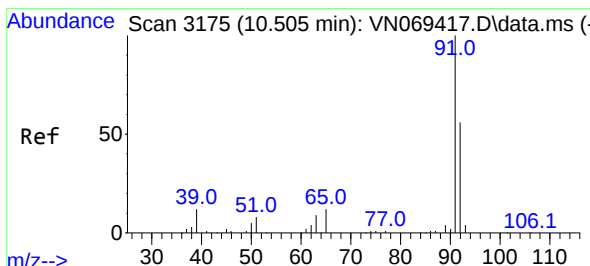
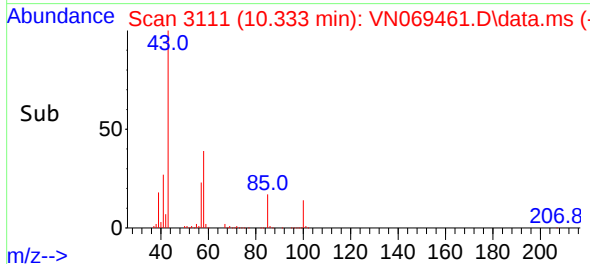
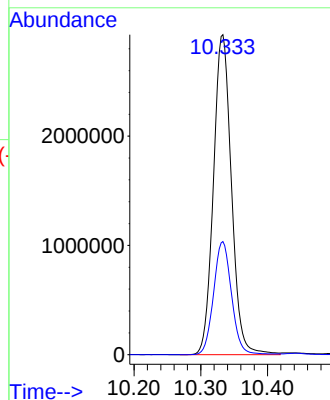
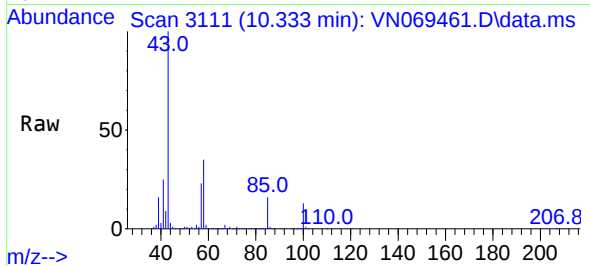
#51
4-Methyl-2-Pentanone
Concen: 277.493 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5492714
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

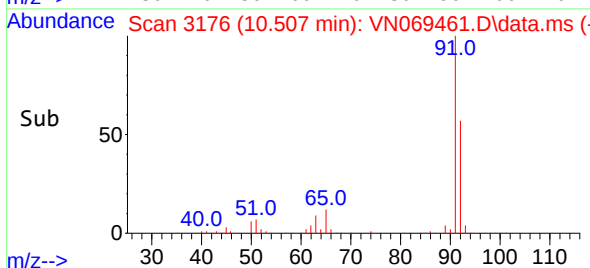
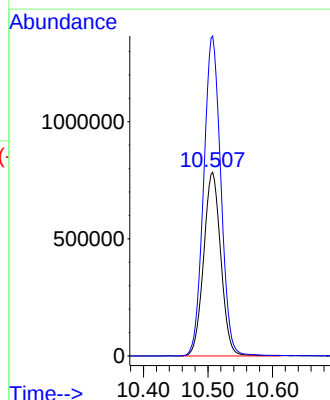
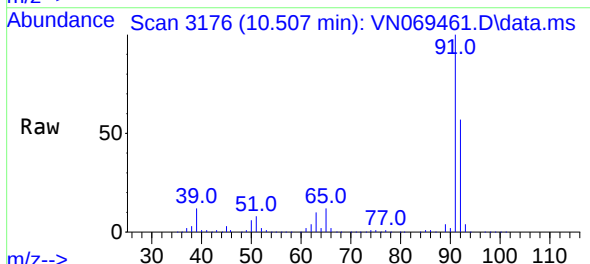
Manual Integrations
APPROVED

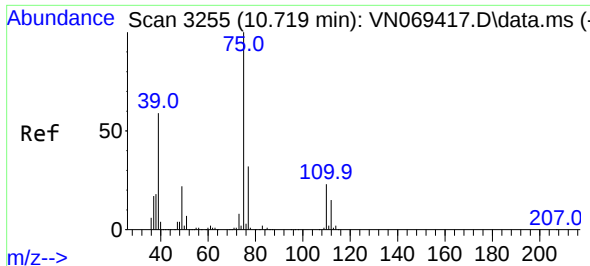
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 53.269 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

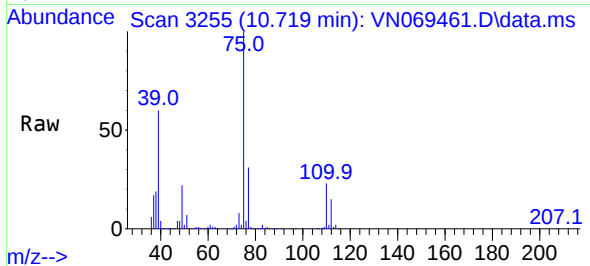
Tgt Ion: 92 Resp: 1446736
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.361 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

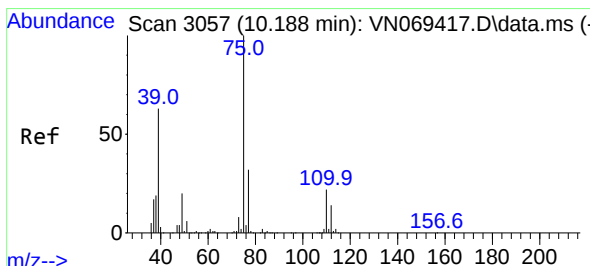
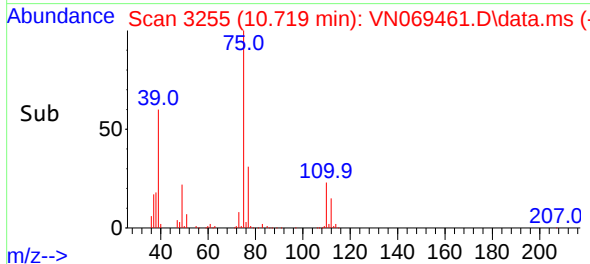
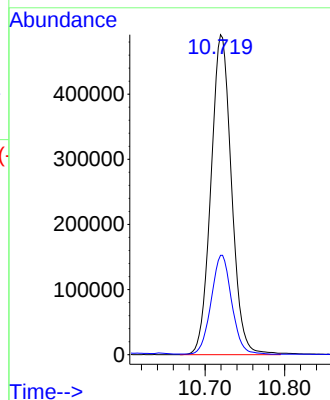
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 88289
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

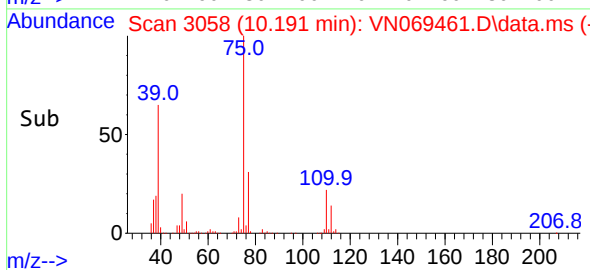
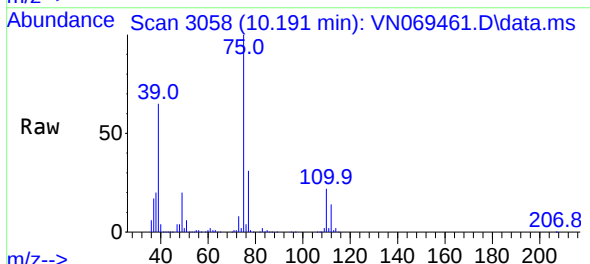
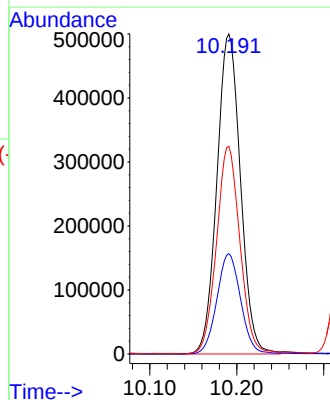
Manual Integrations
APPROVED

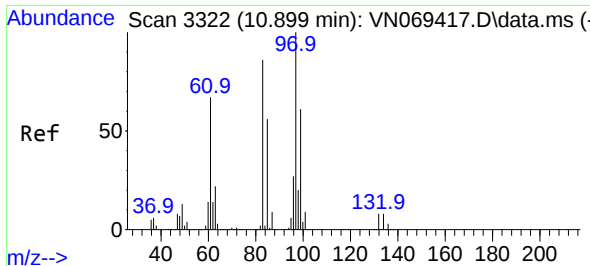
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 49.947 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

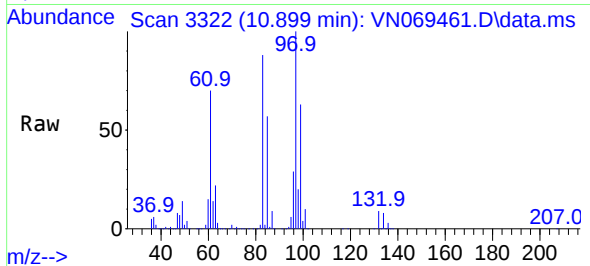
Tgt Ion: 75 Resp: 942053
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 64.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 55.975 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

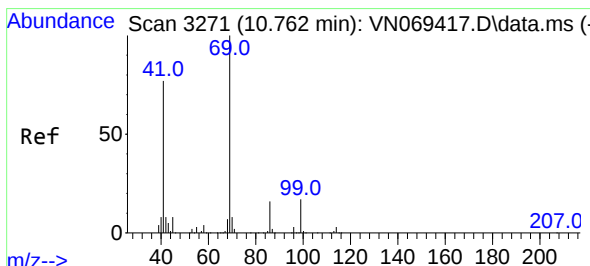
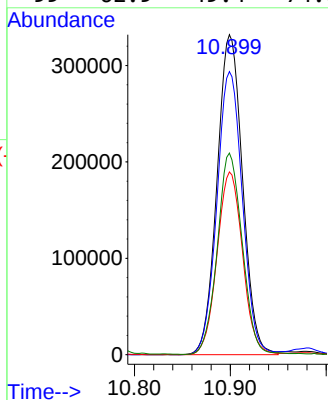
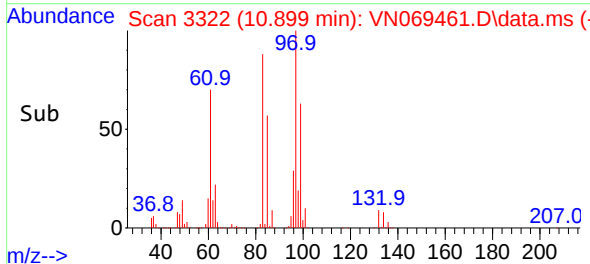


Tgt Ion: 97 Resp: 61280

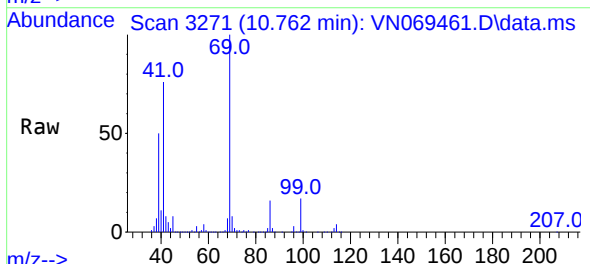
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.8	101.6
85	57.1	45.4	68.2
99	62.9	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

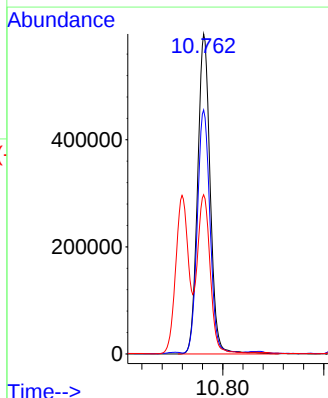
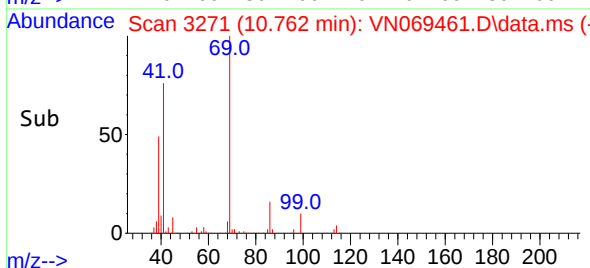


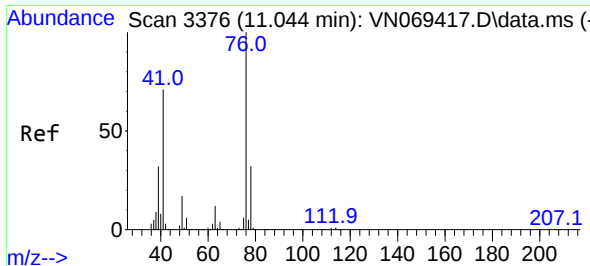
#56
Ethyl methacrylate
Concen: 50.001 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 69 Resp: 1031609

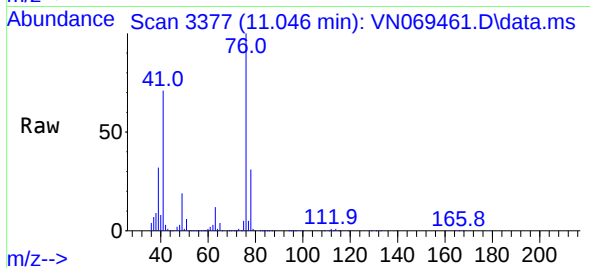
Ion	Ratio	Lower	Upper
69	100		
41	76.3	51.4	77.0
39	50.4	34.6	52.0





#57
1,3-Dichloropropane
Concen: 54.823 ug/l
RT: 11.046 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

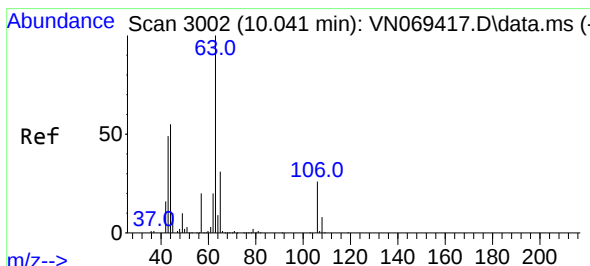
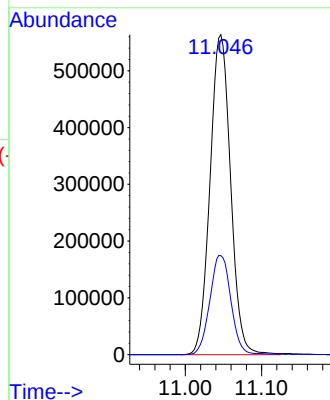
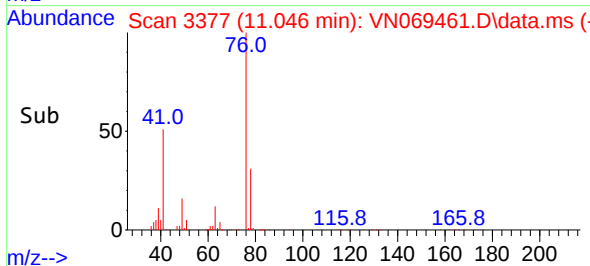
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



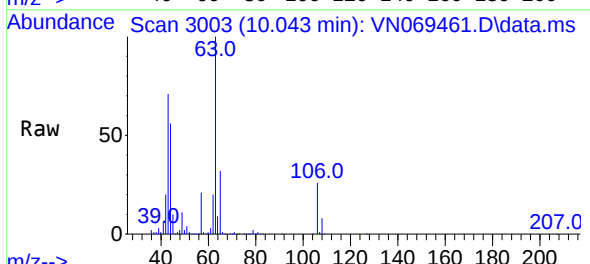
Tgt Ion: 76 Resp: 1054674
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

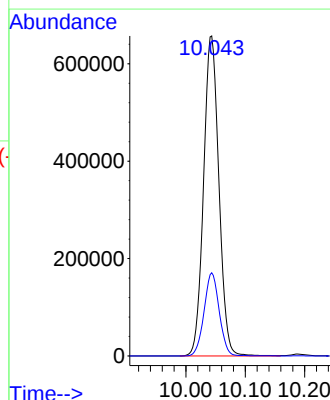
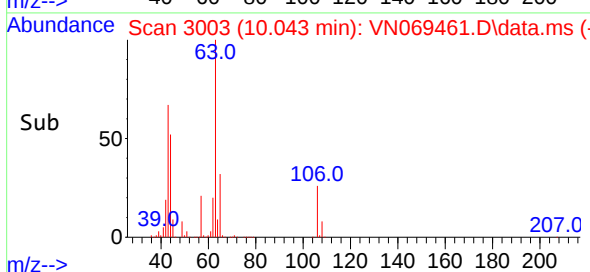
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

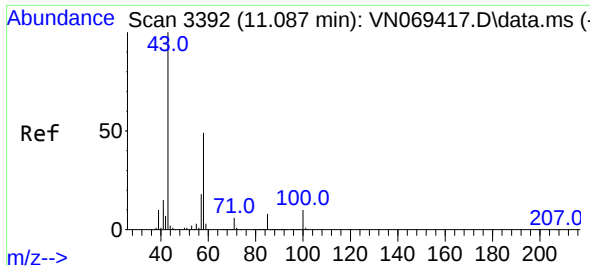


#58
2-Chloroethyl Vinyl ether
Concen: 224.569 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



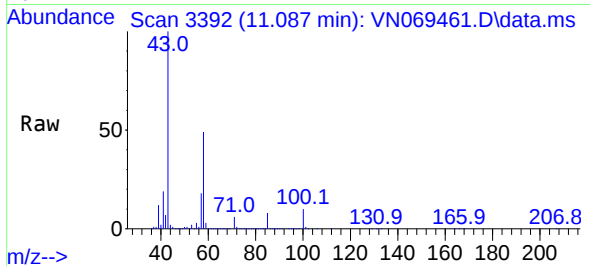
Tgt Ion: 63 Resp: 1177819
Ion Ratio Lower Upper
63 100
106 25.6 23.9 35.9





#59
2-Hexanone
Concen: 241.154 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

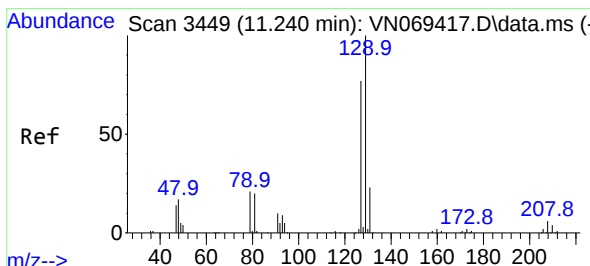
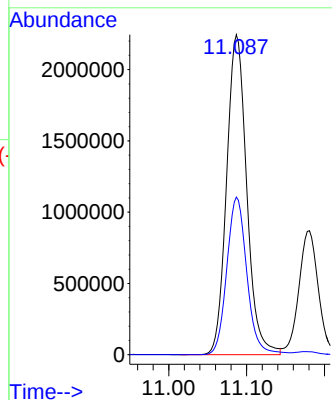
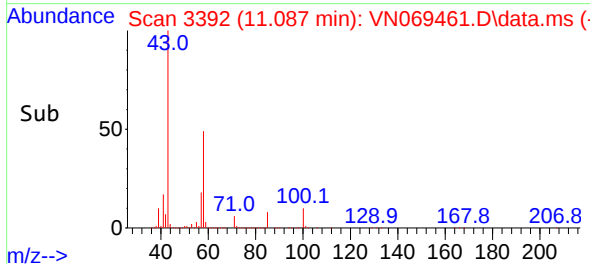
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4025534
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

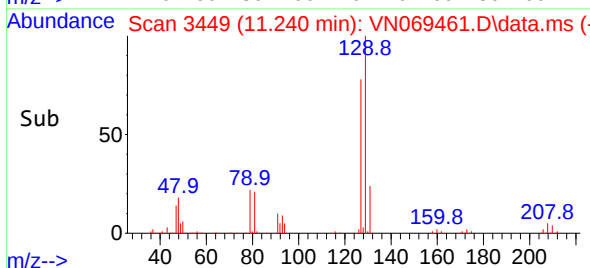
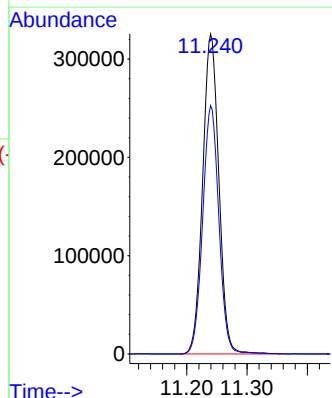
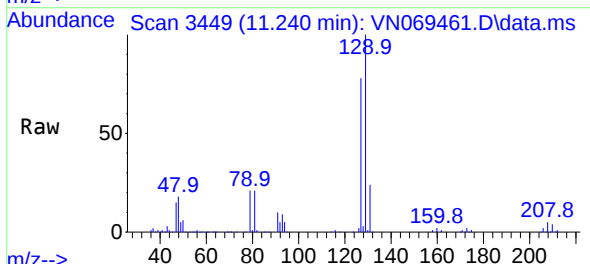
Manual Integrations
APPROVED

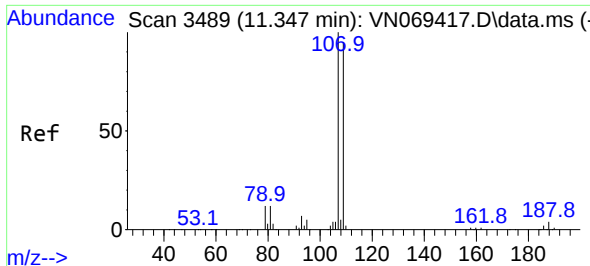
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 50.517 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

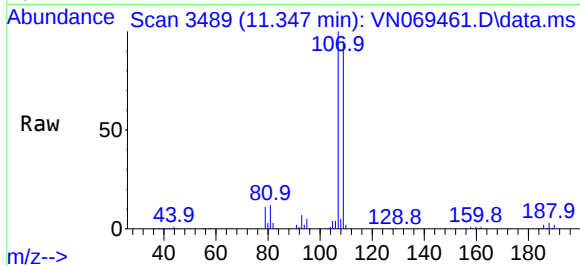
Tgt Ion:129 Resp: 607330
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.659 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

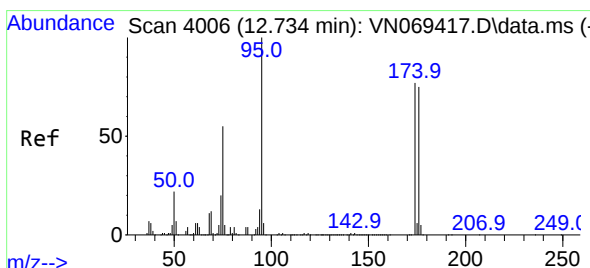
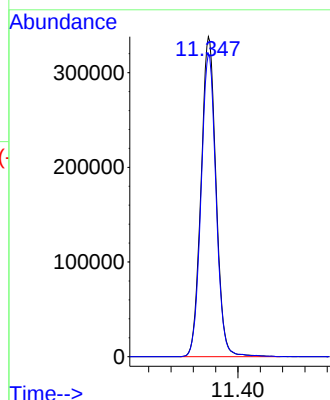
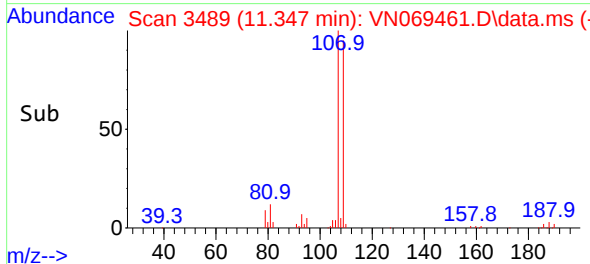
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



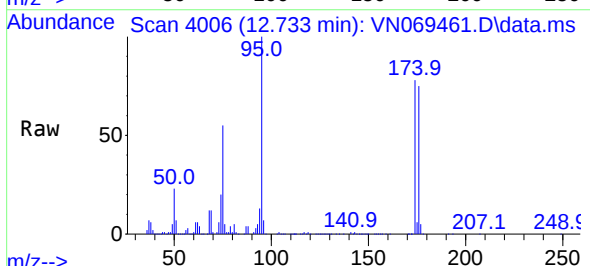
Tgt Ion:107 Resp: 631710
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
APPROVED

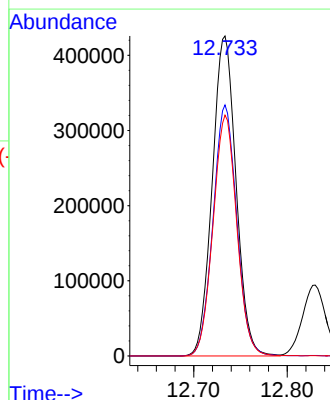
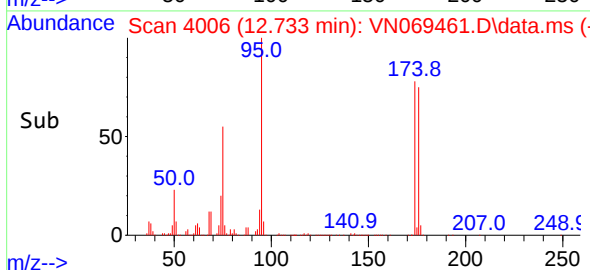
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

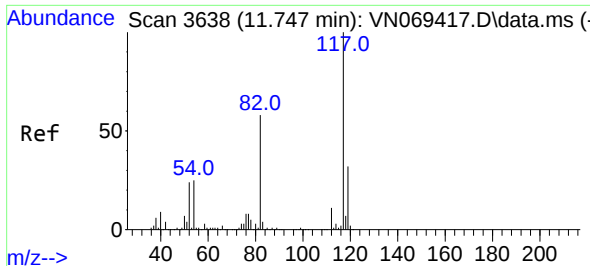


#62
4-Bromofluorobenzene
Concen: 51.824 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



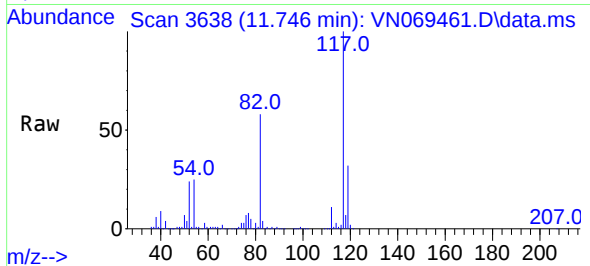
Tgt Ion: 95 Resp: 753791
Ion Ratio Lower Upper
95 100
174 78.2 0.0 187.2
176 75.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

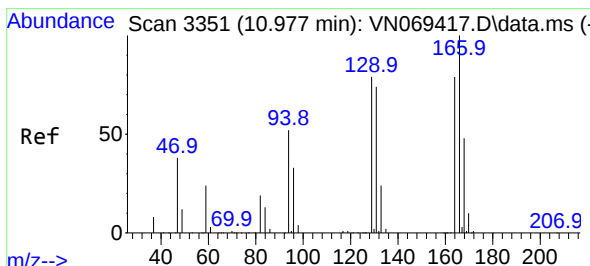
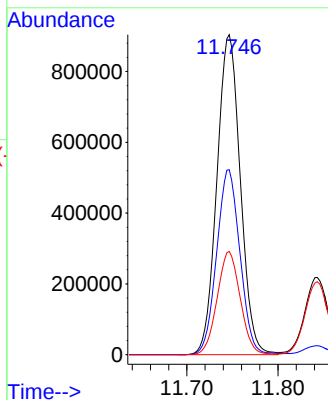
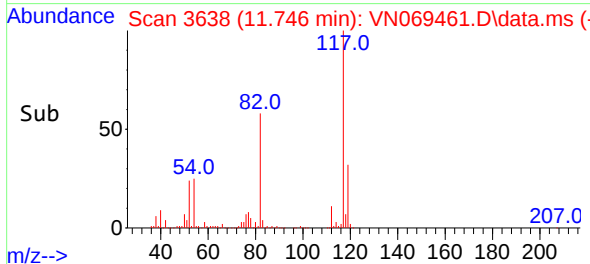
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



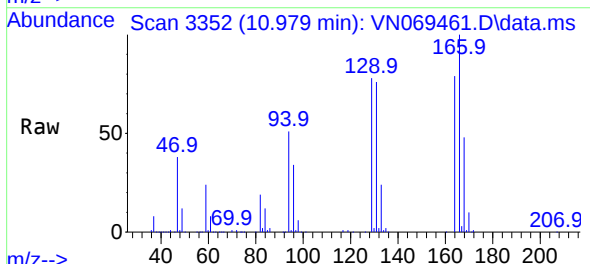
Tgt Ion:117 Resp: 161494
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

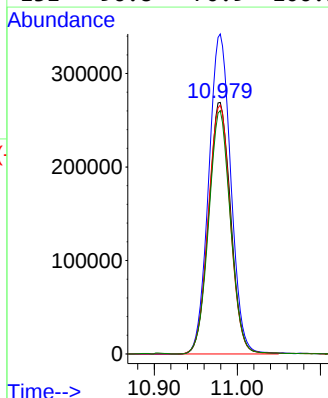
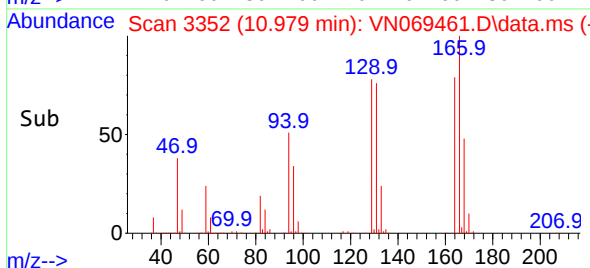
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

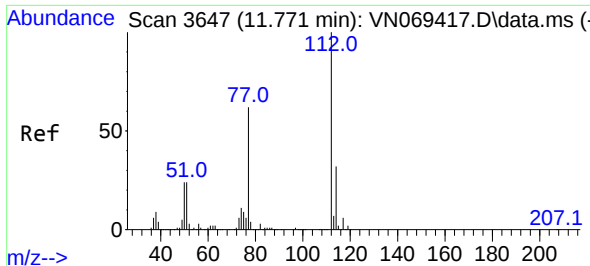


#64
Tetrachloroethene
Concen: 51.128 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



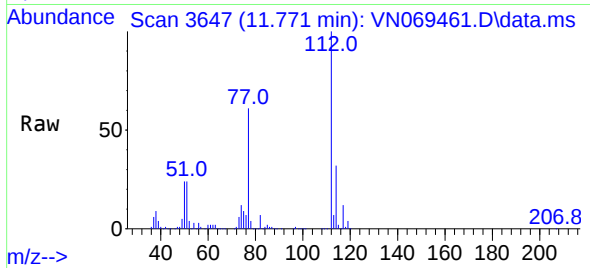
Tgt Ion:164 Resp: 498560
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 98.9 72.0 108.0
131 96.8 70.9 106.3





#65
Chlorobenzene
Concen: 52.477 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

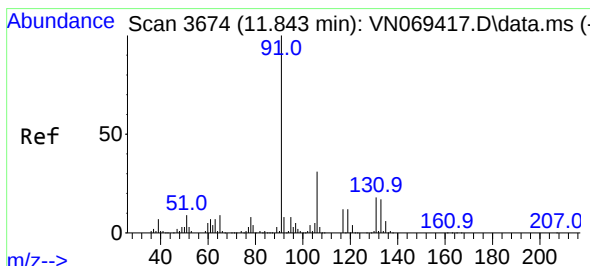
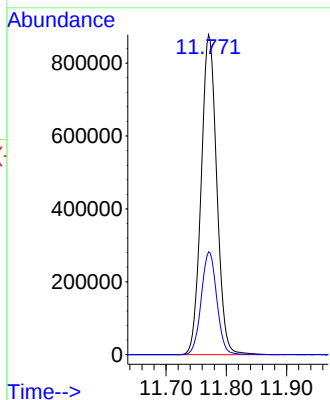
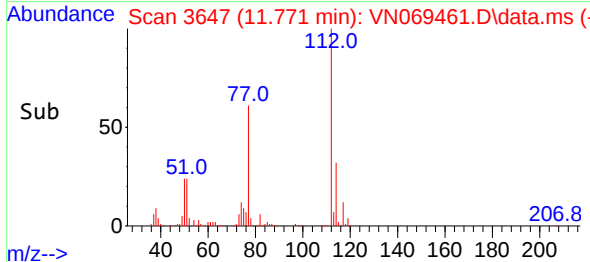
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



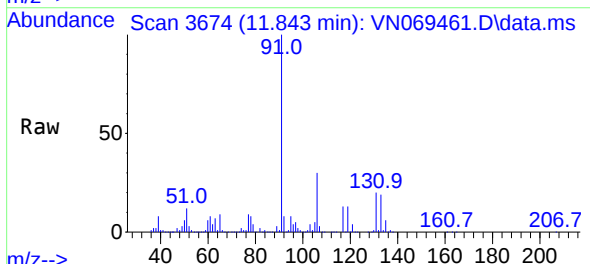
Tgt Ion:112 Resp: 1577452
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

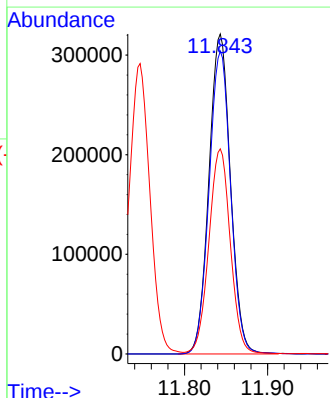
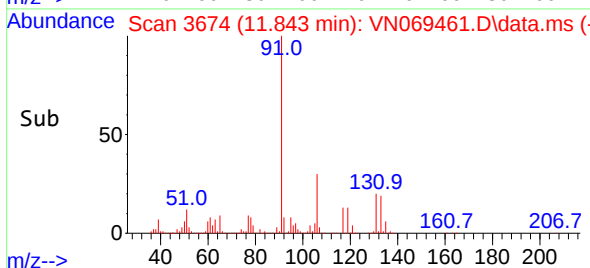
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

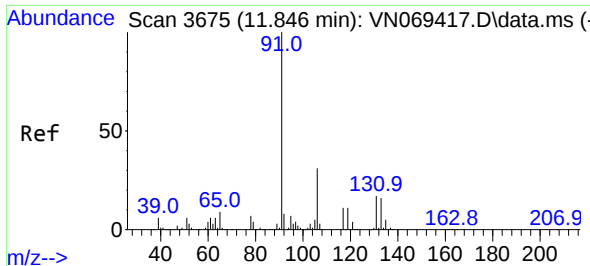


#66
1,1,1,2-Tetrachloroethane
Concen: 55.399 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



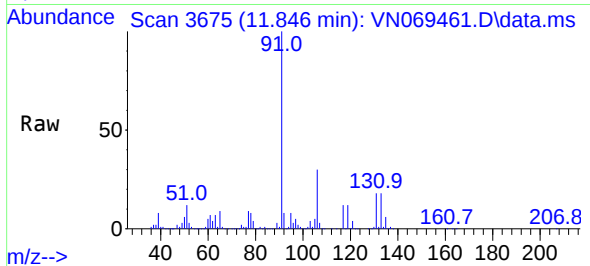
Tgt Ion:131 Resp: 577611
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 51.900 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

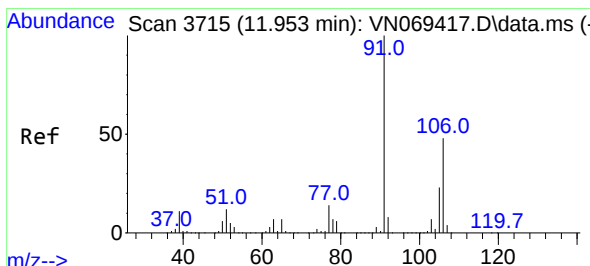
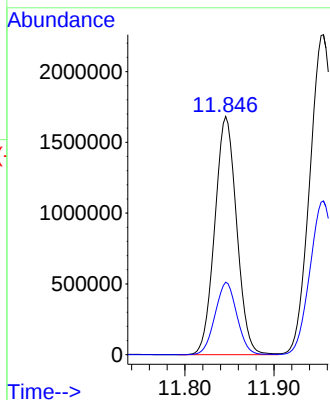
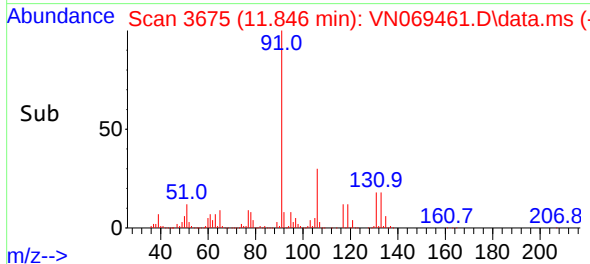
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



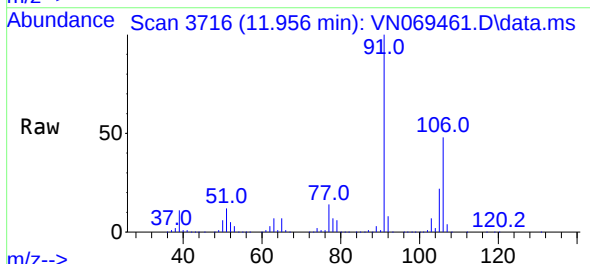
Tgt Ion: 91 Resp: 287730
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

Manual Integrations
APPROVED

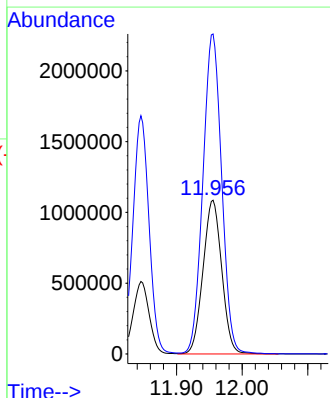
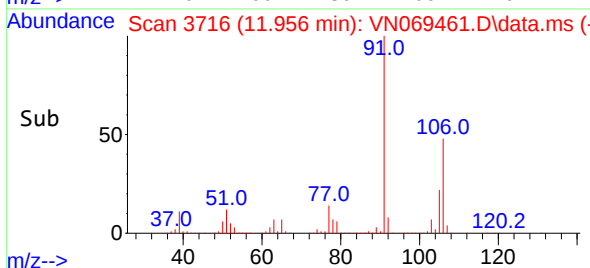
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

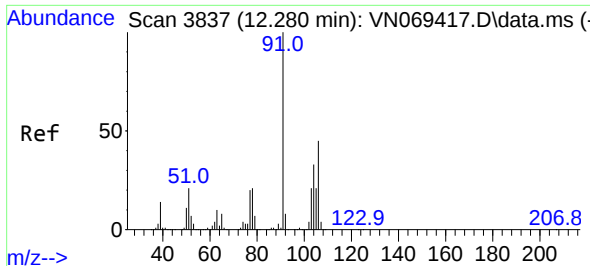


#68
m/p-Xylenes
Concen: 105.359 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



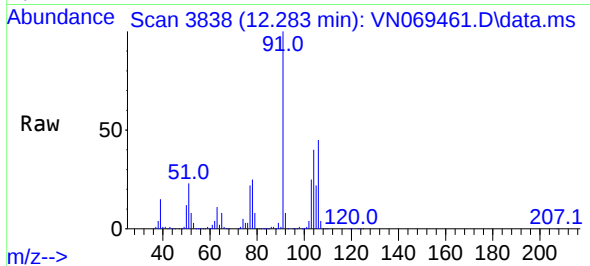
Tgt Ion:106 Resp: 2148270
Ion Ratio Lower Upper
106 100
91 208.7 160.6 240.8





#69
o-Xylene
Concen: 52.435 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

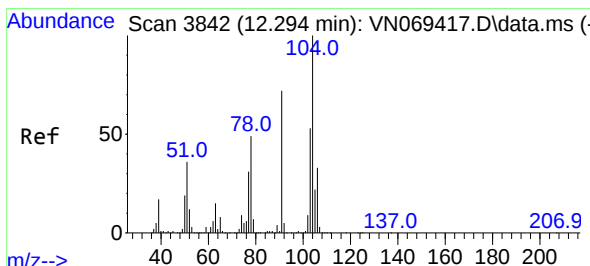
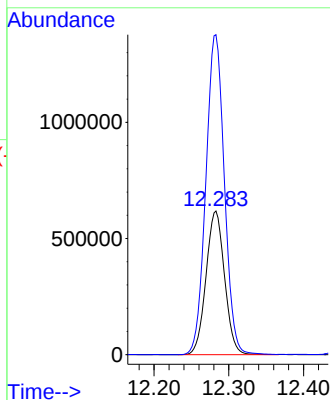
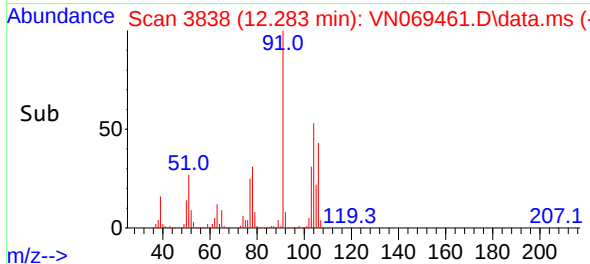
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



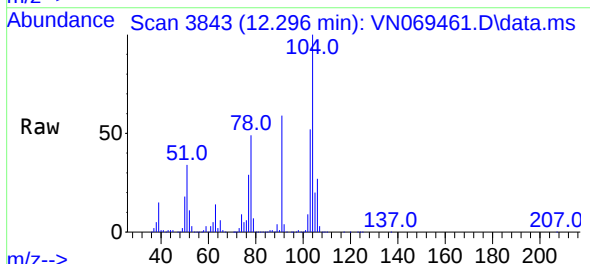
Tgt Ion:106 Resp: 1065879
Ion Ratio Lower Upper
106 100
91 222.9 105.8 317.3

Manual Integrations
APPROVED

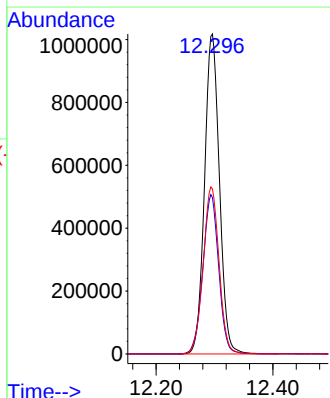
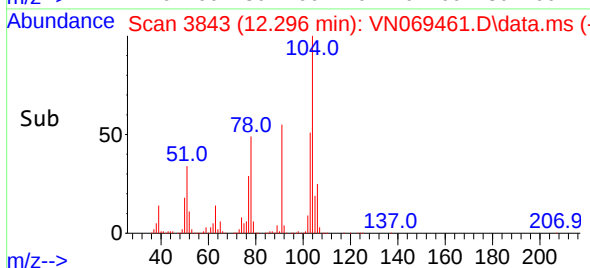
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

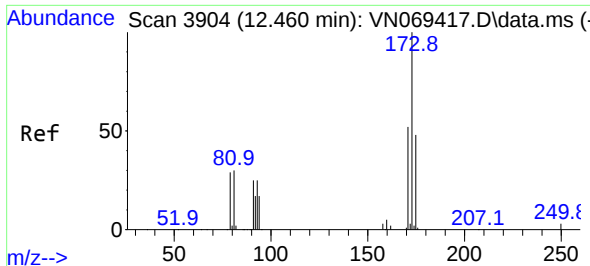


#70
Styrene
Concen: 49.425 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



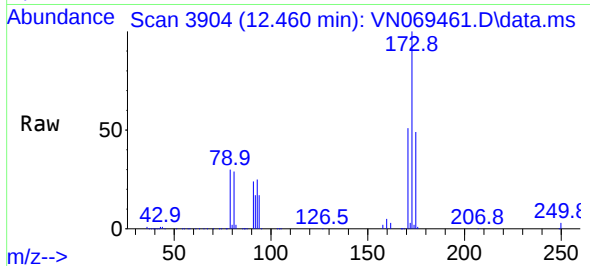
Tgt Ion:104 Resp: 1803193
Ion Ratio Lower Upper
104 100
78 52.9 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 48.062 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

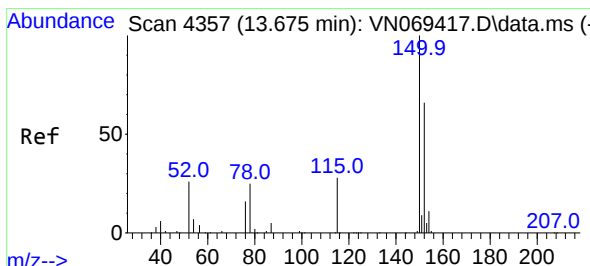
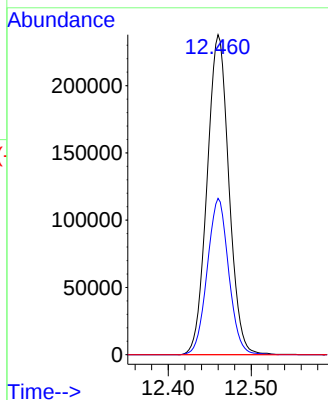
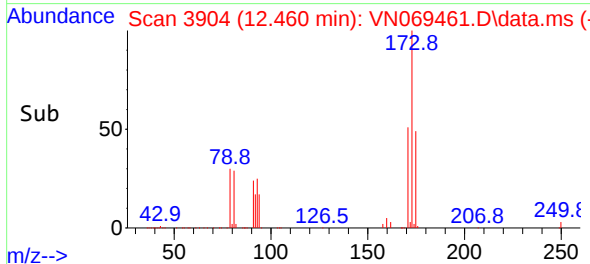
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



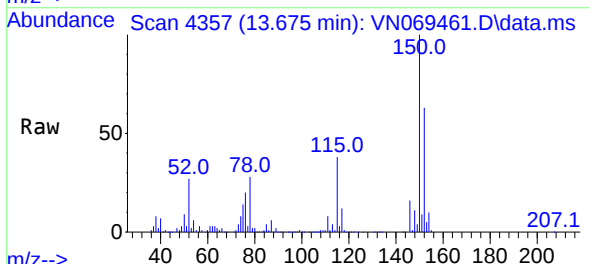
Tgt Ion:173 Resp: 433825
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

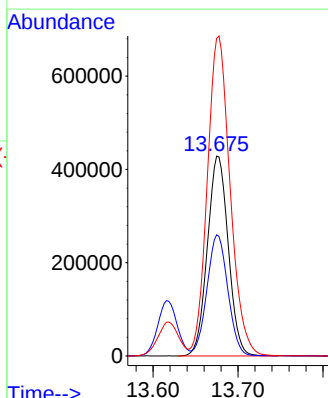
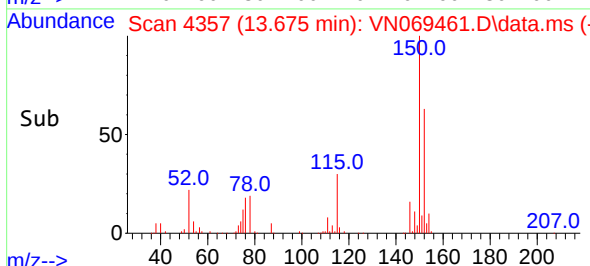
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

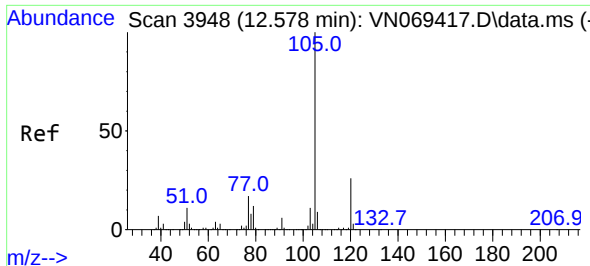


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion:152 Resp: 733280
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 174.3 0.0 344.4





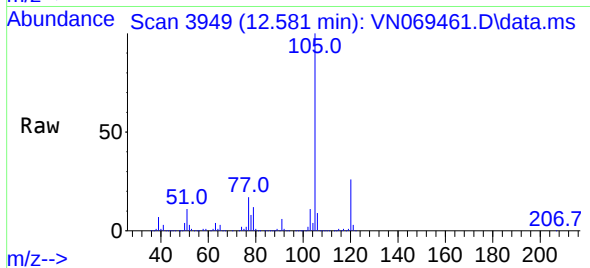
#73
Isopropylbenzene
Concen: 48.138 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

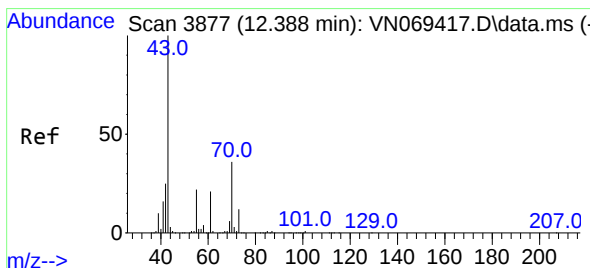
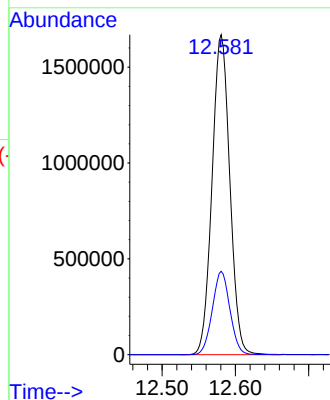
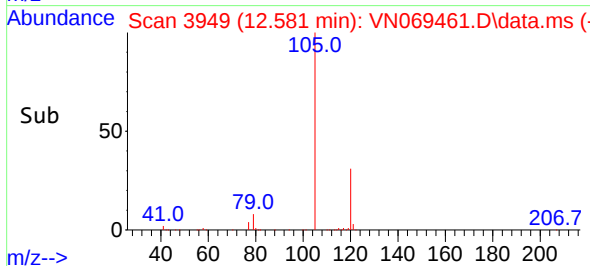


Tgt Ion:105 Resp: 2810539
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

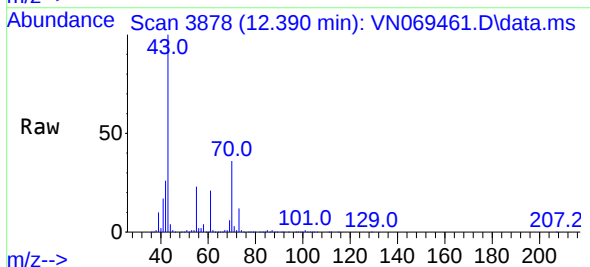
Manual Integrations

APPROVED

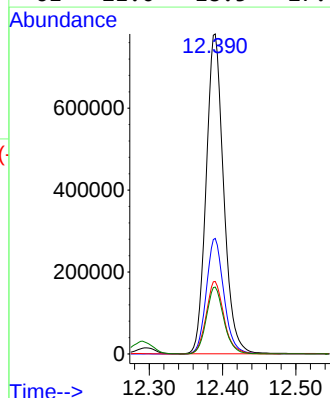
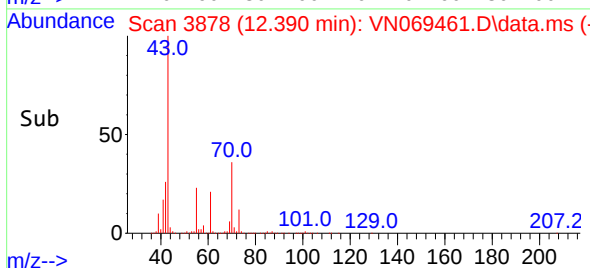
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

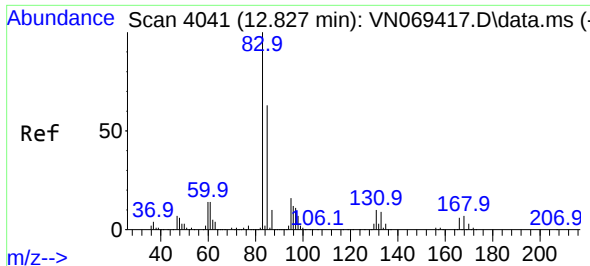


#74
N-ethyl acetate
Concen: 52.271 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



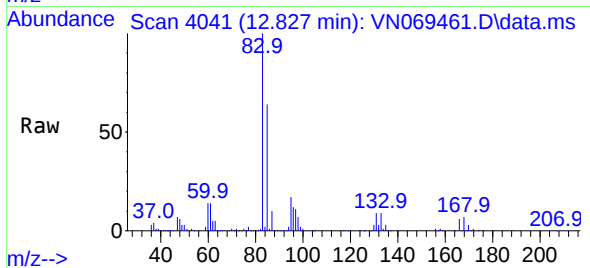
Tgt Ion: 43 Resp: 1293333
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 23.2 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.743 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

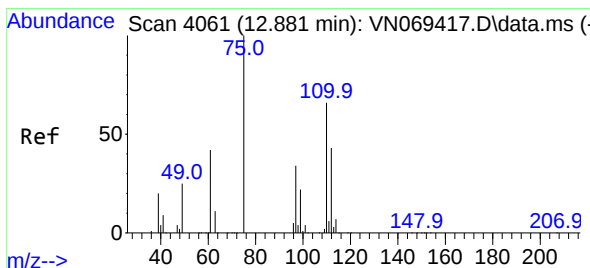
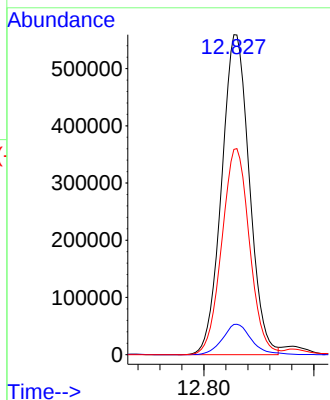
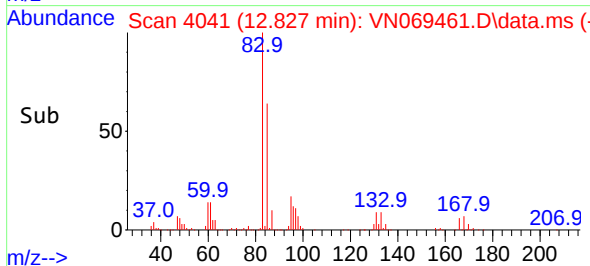
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



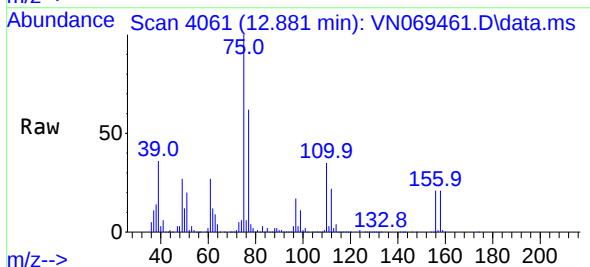
Tgt Ion: 83 Resp: 979502
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
APPROVED

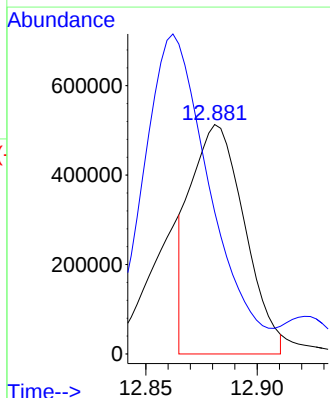
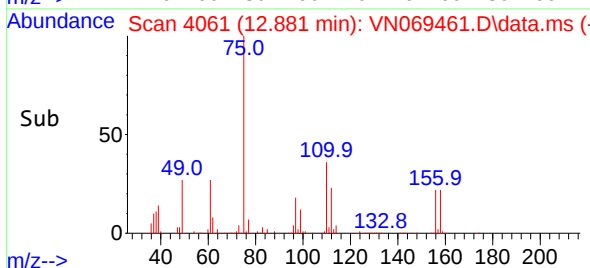
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

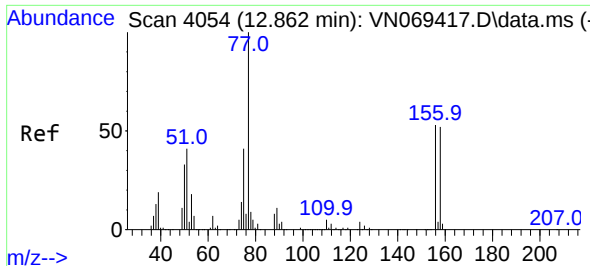


#76
1,2,3-Trichloropropane
Concen: 50.813 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



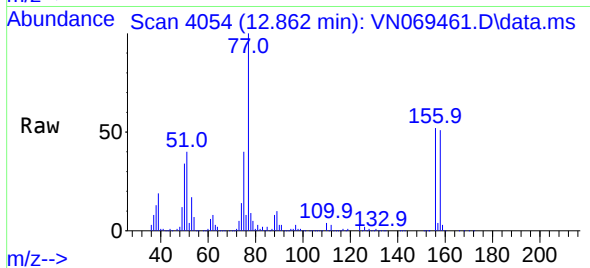
Tgt Ion: 75 Resp: 859874
Ion Ratio Lower Upper
75 100
77 174.2 82.6 247.8





#77
Bromobenzene
Concen: 50.084 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

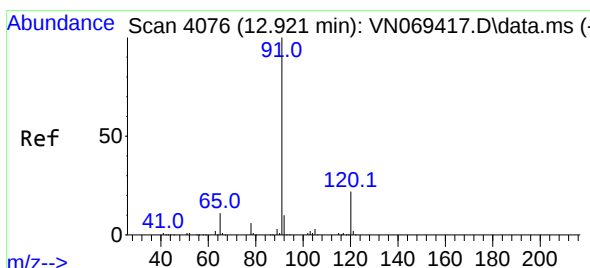
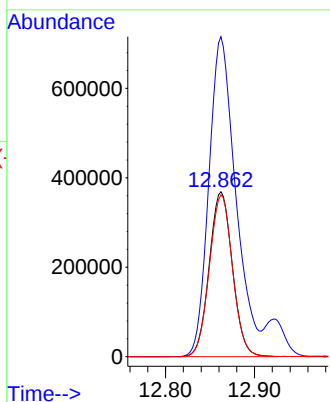
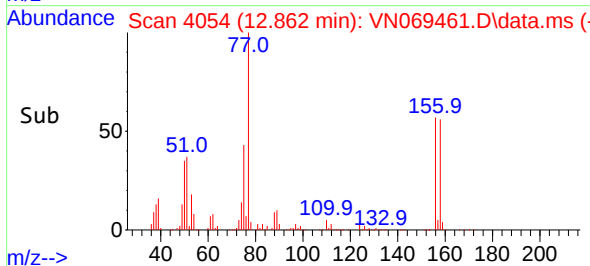
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



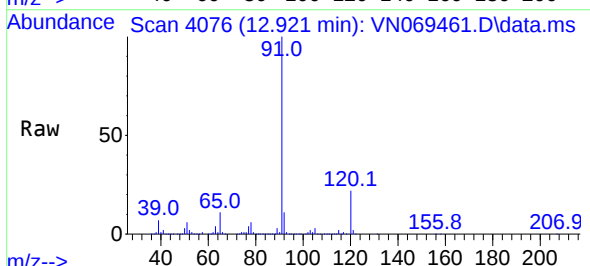
Tgt Ion:156 Resp: 668748
Ion Ratio Lower Upper
156 100
77 224.0 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
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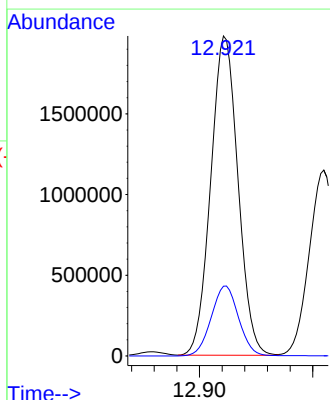
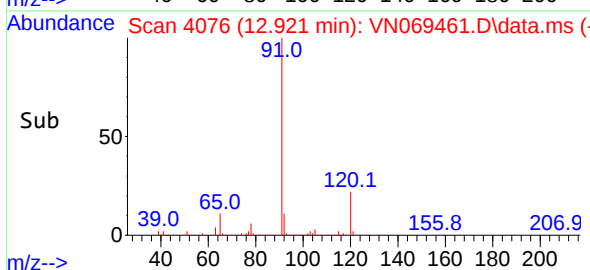
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

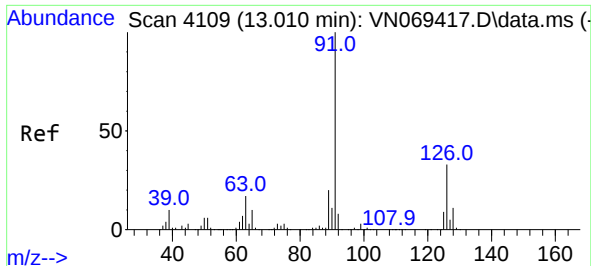


#78
n-propylbenzene
Concen: 50.231 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion: 91 Resp: 3299939
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 48.690 ug/l

RT: 13.010 min Scan# 4109

Delta R.T. -0.000 min

Lab File: VN069461.D

Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 198053

Ion Ratio Lower Upper

91 100

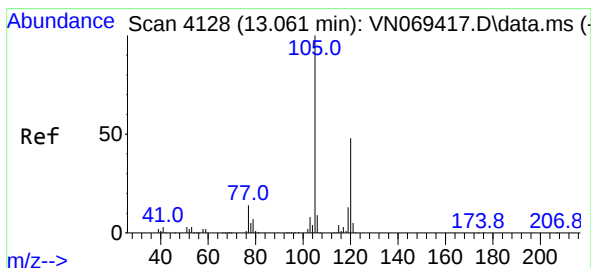
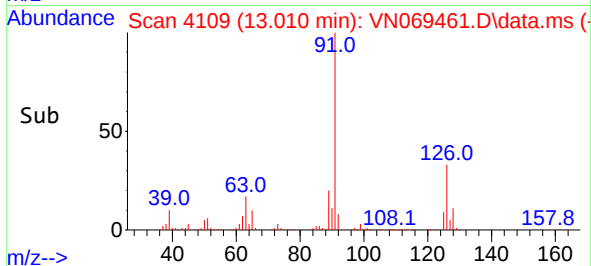
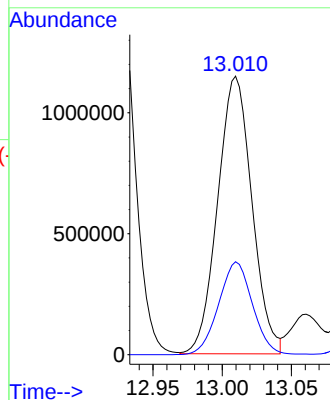
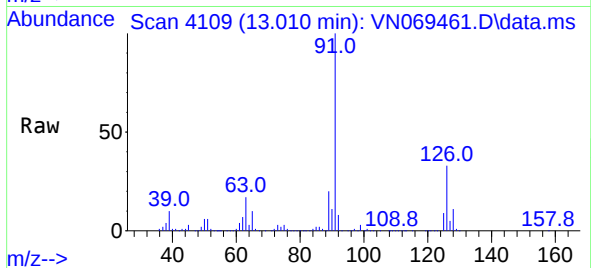
126 33.0 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 49.358 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. -0.000 min

Lab File: VN069461.D

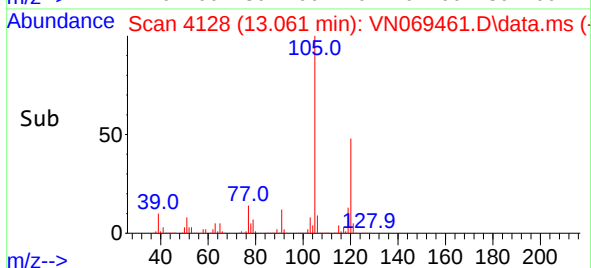
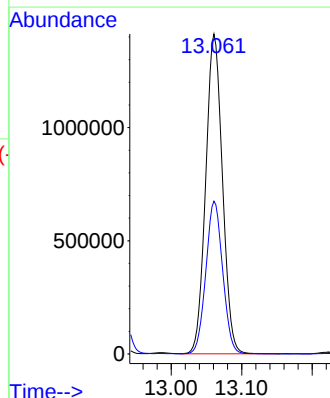
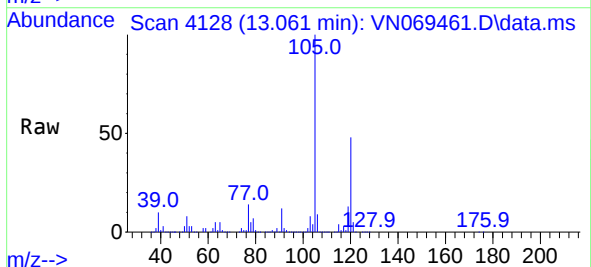
Acq: 12 Nov 2021 11:42

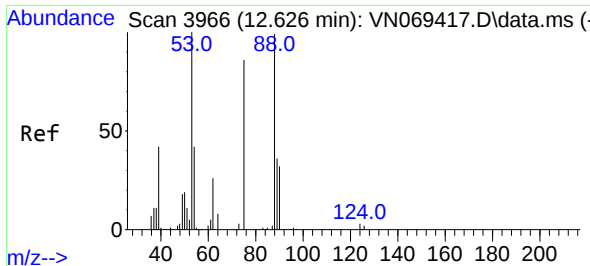
Tgt Ion:105 Resp: 2329661

Ion Ratio Lower Upper

105 100

120 47.8 24.6 73.6





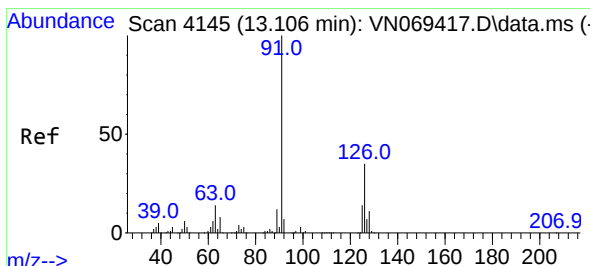
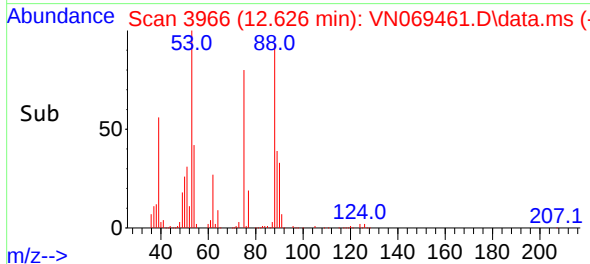
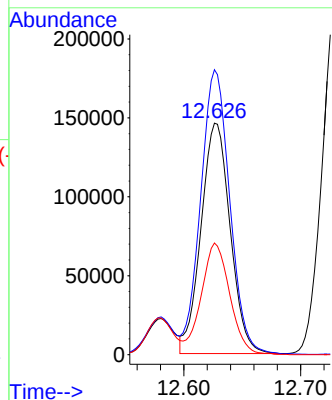
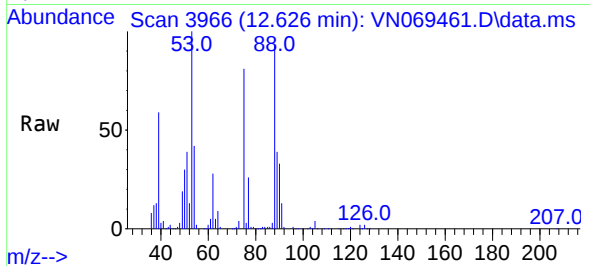
#81
trans-1,4-Dichloro-2-butene
Concen: 45.219 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25351
Ion Ratio Lower Upper
75 100
53 124.0 90.5 135.7
89 47.3 38.2 57.4

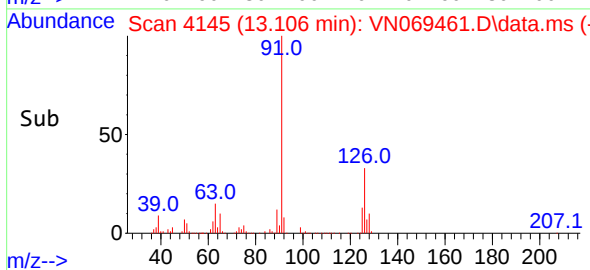
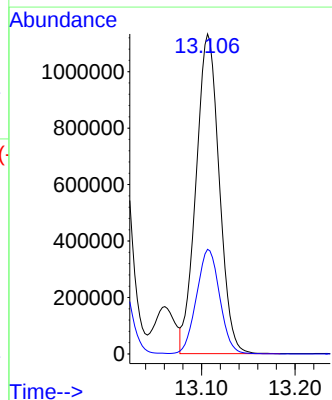
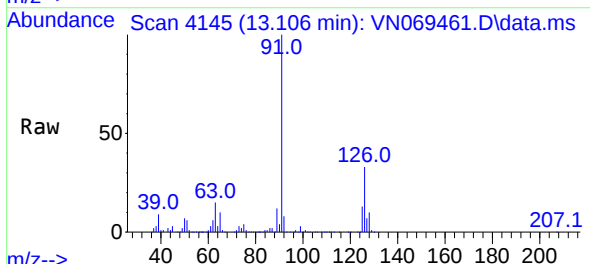
Manual Integrations
APPROVED

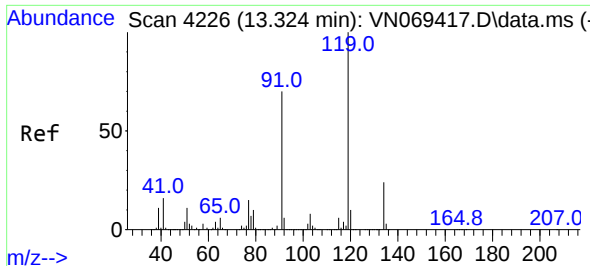
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 50.226 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

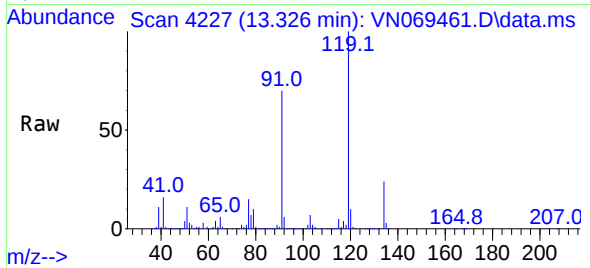
Tgt Ion: 91 Resp: 1947562
Ion Ratio Lower Upper
91 100
126 32.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.879 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

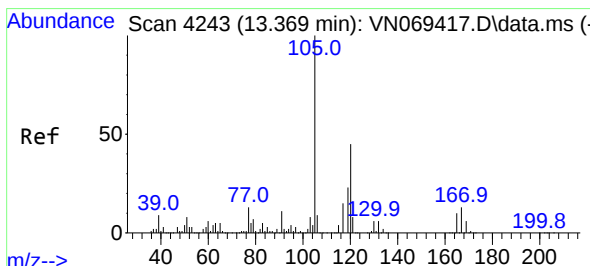
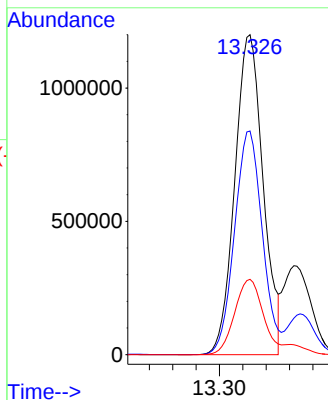
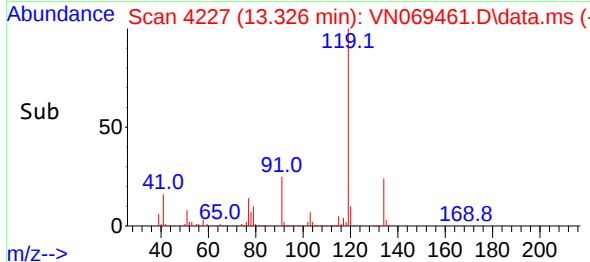
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



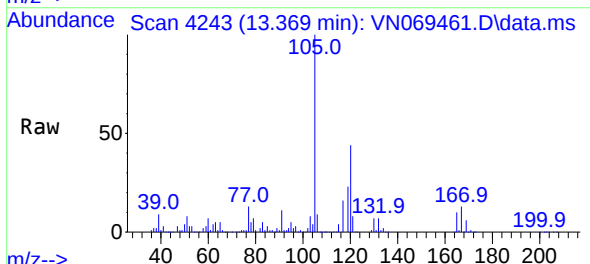
Tgt Ion:119 Resp: 202171
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
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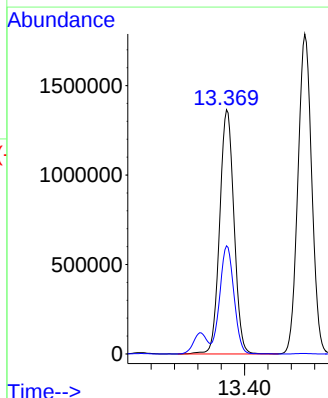
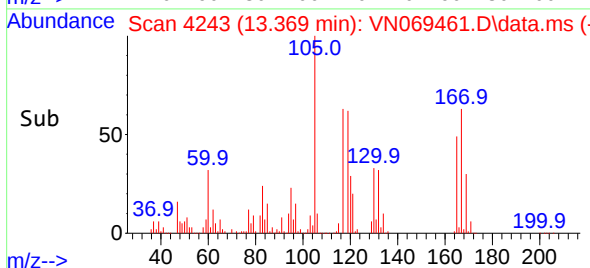
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

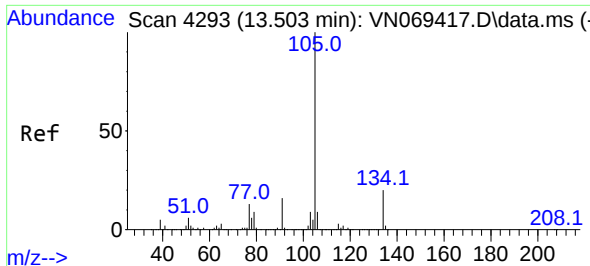


#84
1,2,4-Trimethylbenzene
Concen: 50.882 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



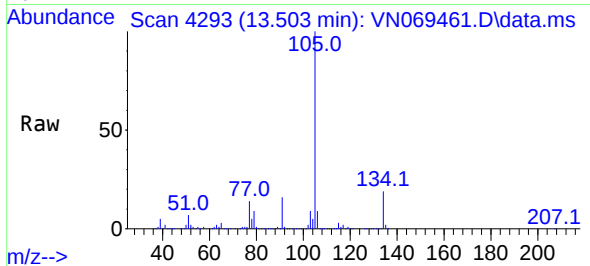
Tgt Ion:105 Resp: 2318490
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.717 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069461.D
 Acq: 12 Nov 2021 11:42

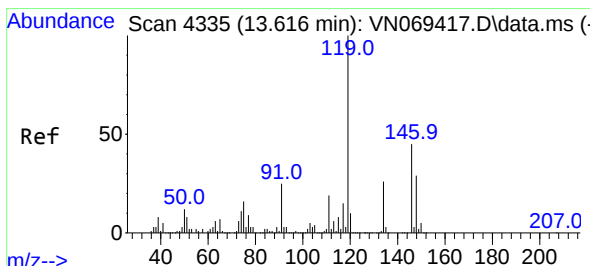
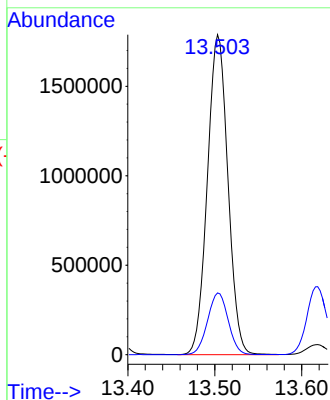
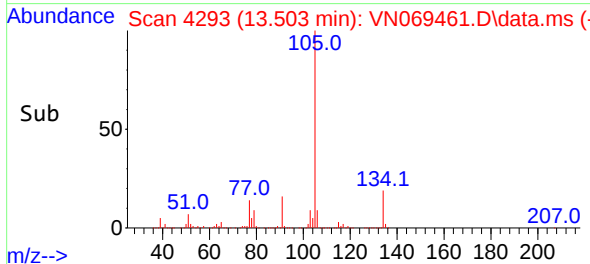
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



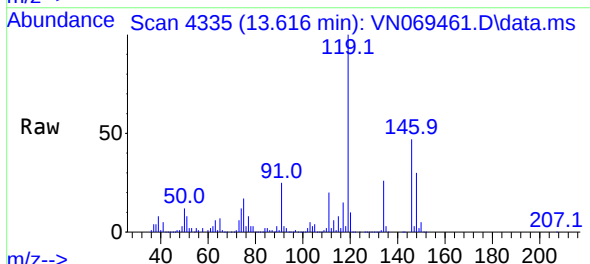
Tgt Ion:105 Resp: 2930324
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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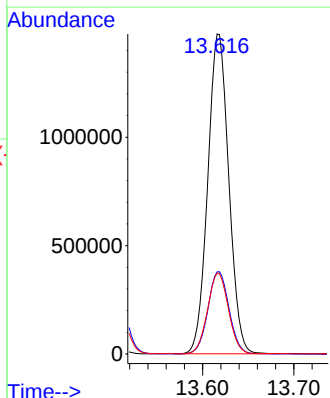
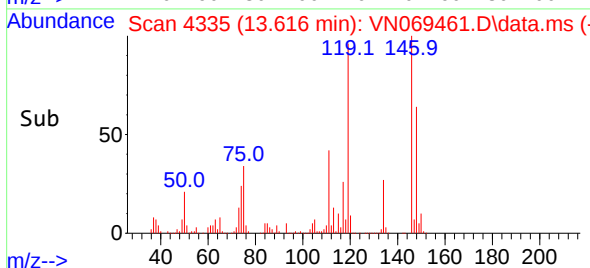
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

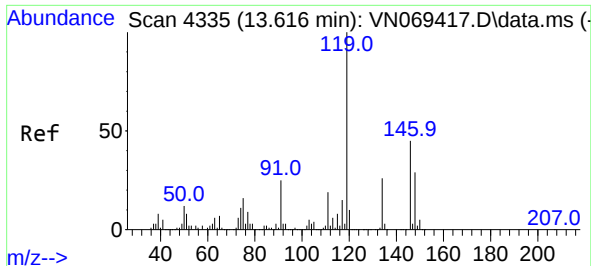


#86
 p-Isopropyltoluene
 Concen: 51.506 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069461.D
 Acq: 12 Nov 2021 11:42



Tgt Ion:119 Resp: 2362423
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.1 11.4 34.1





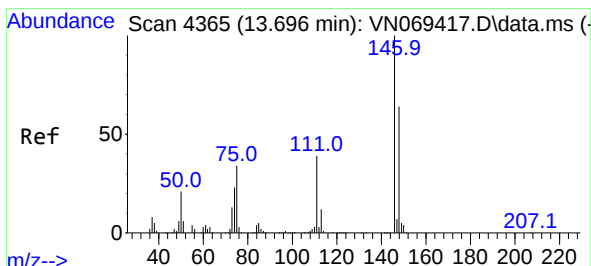
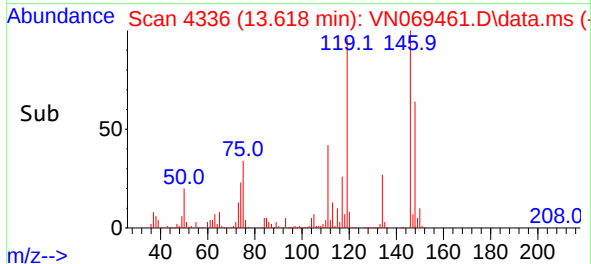
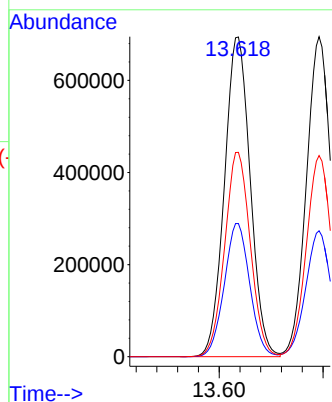
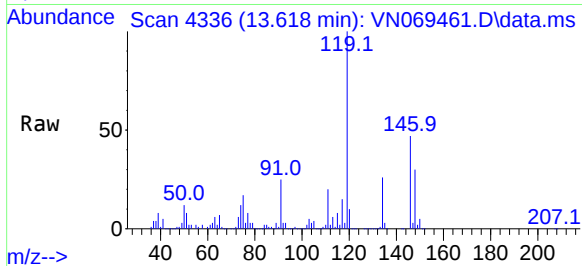
#87
1,3-Dichlorobenzene
Concen: 51.811 ug/l
RT: 13.618 min Scan# 4335
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 119941
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 63.6 31.6 95.0

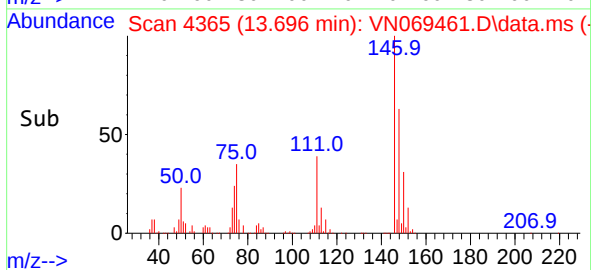
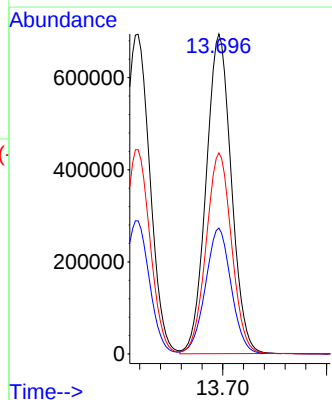
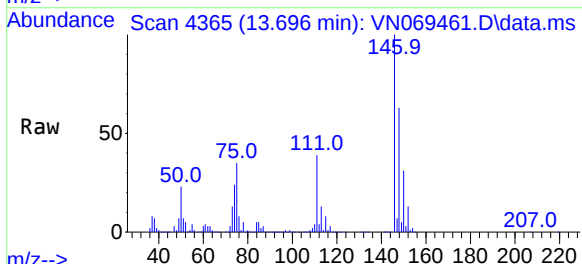
Manual Integrations
APPROVED

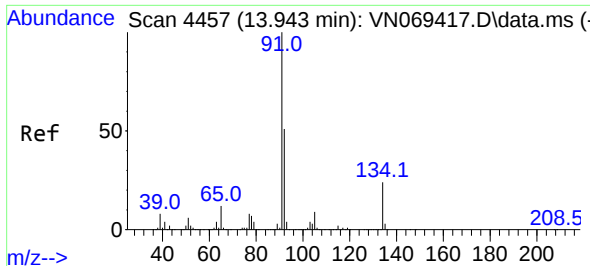
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 51.558 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

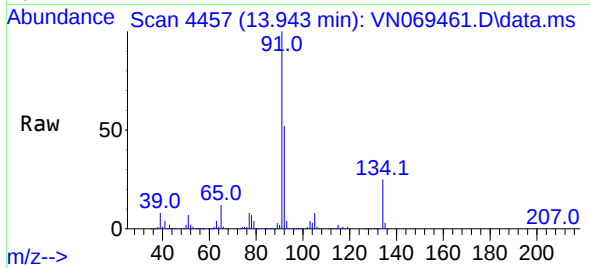
Tgt Ion:146 Resp: 1170919
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 53.314 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

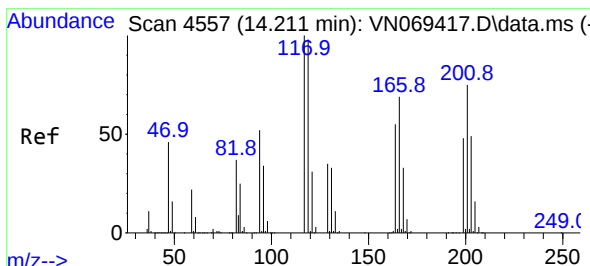
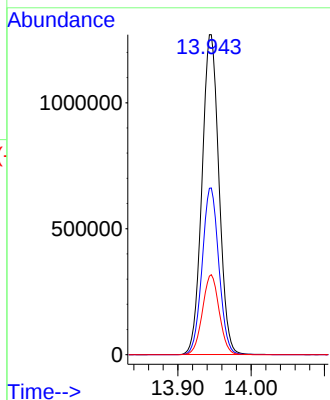
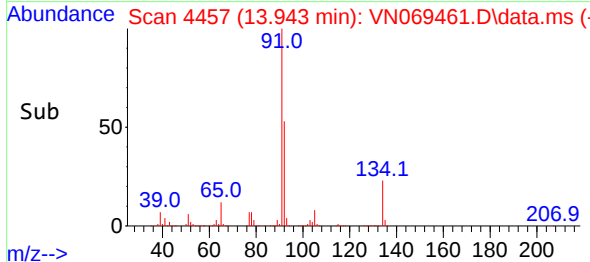
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



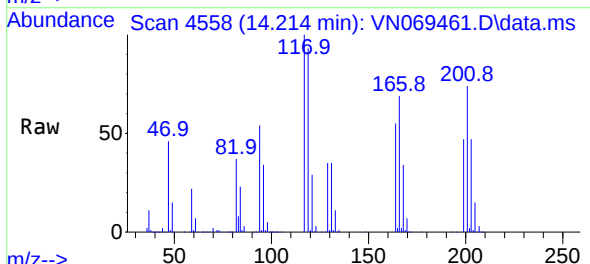
Tgt Ion: 91 Resp: 203922
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.7 13.6 40.8

Manual Integrations
APPROVED

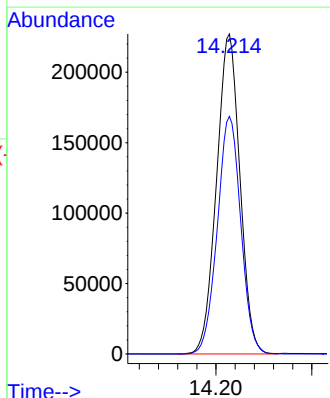
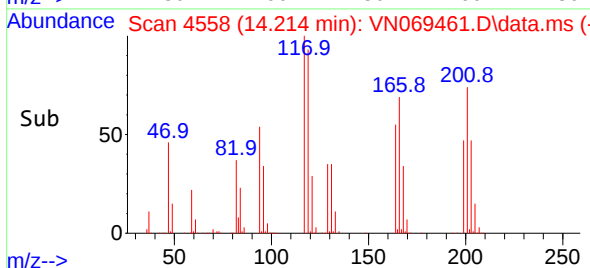
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

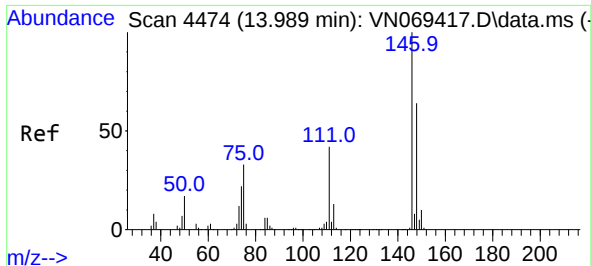


#90
Hexachloroethane
Concen: 45.765 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion:117 Resp: 384217
Ion Ratio Lower Upper
117 100
201 74.5 43.9 131.6





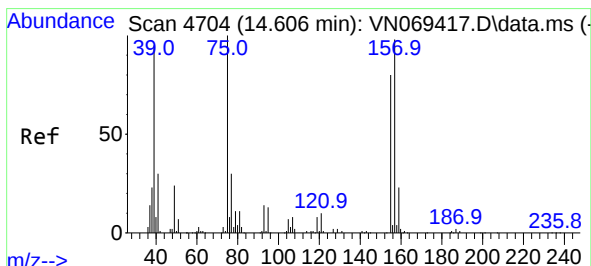
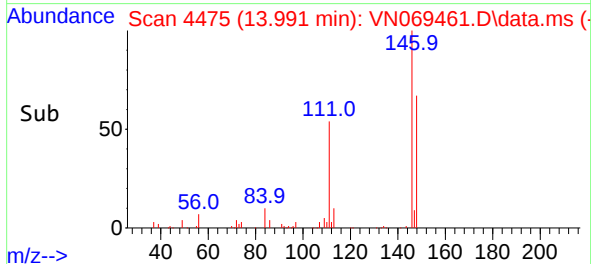
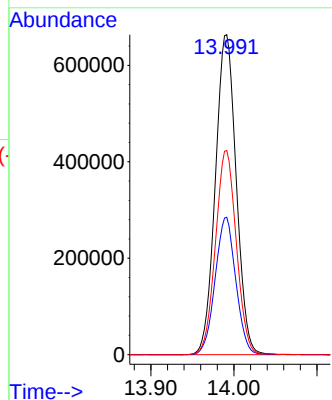
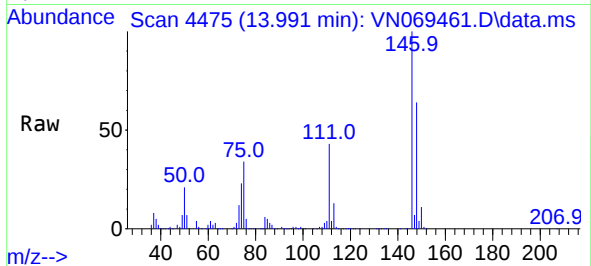
#91
1,2-Dichlorobenzene
Concen: 52.619 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 115911
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.8 32.1 96.3

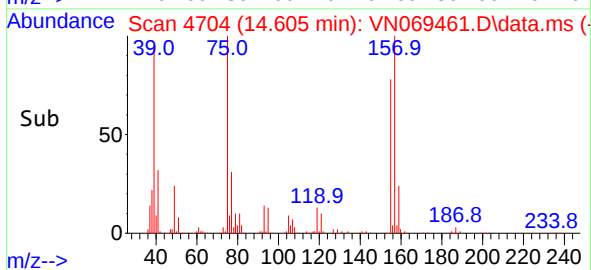
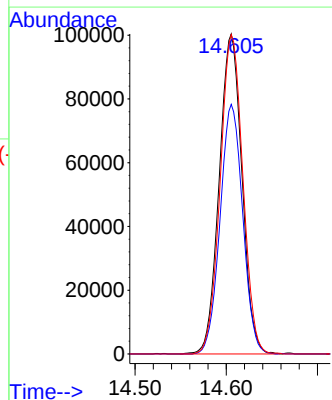
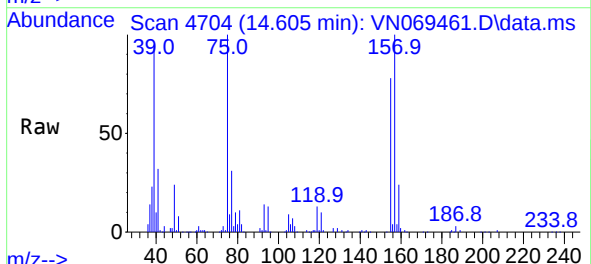
Manual Integrations
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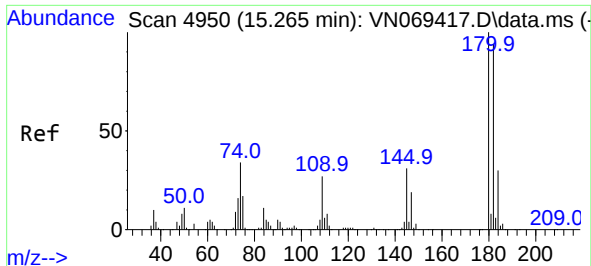
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.467 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Tgt Ion: 75 Resp: 173431
Ion Ratio Lower Upper
75 100
155 77.7 46.9 140.7
157 99.6 60.6 181.7





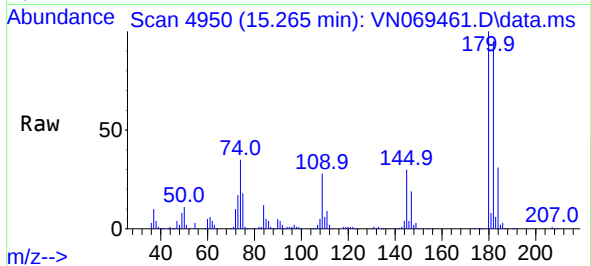
#93
1,2,4-Trichlorobenzene
Concen: 49.920 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

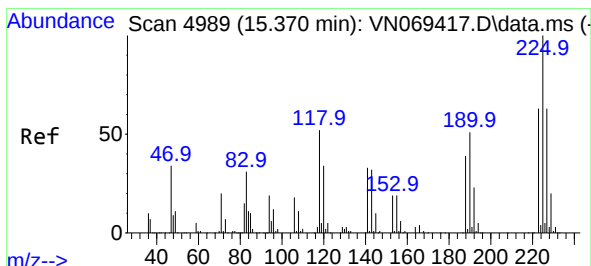
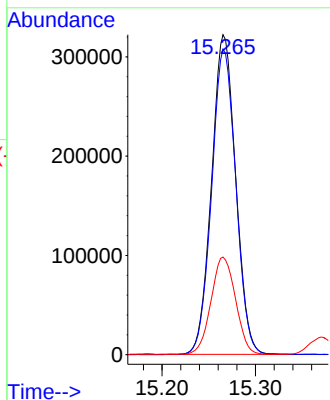
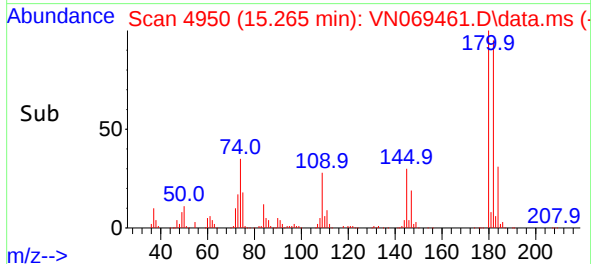


Tgt Ion:180 Resp: 57613
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 31.2 14.5 43.5

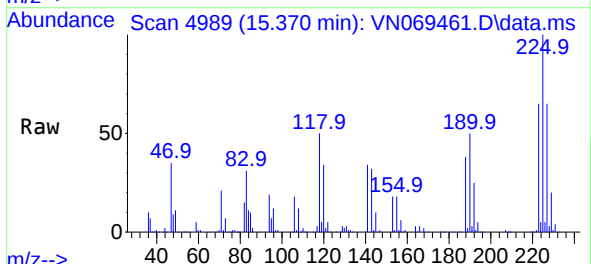
Manual Integrations

APPROVED

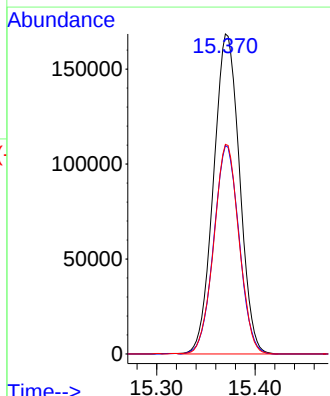
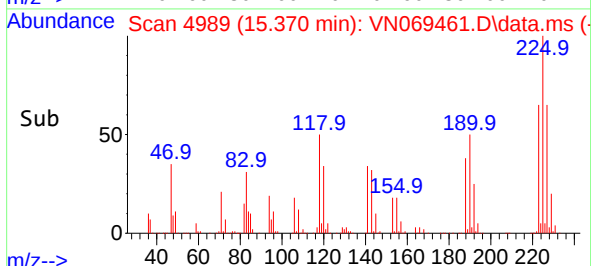
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

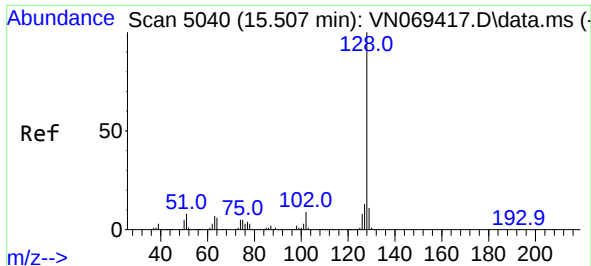


#94
Hexachlorobutadiene
Concen: 54.111 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



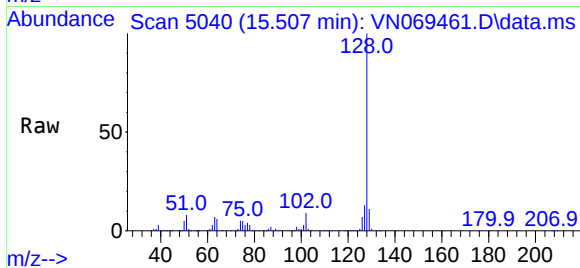
Tgt Ion:225 Resp: 309718
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 48.521 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42

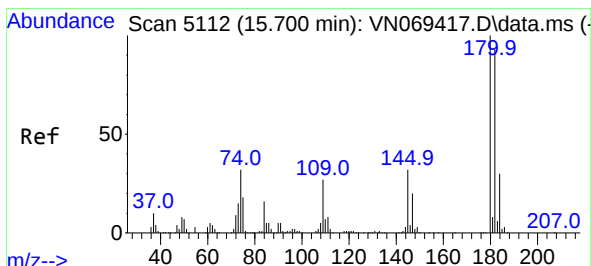
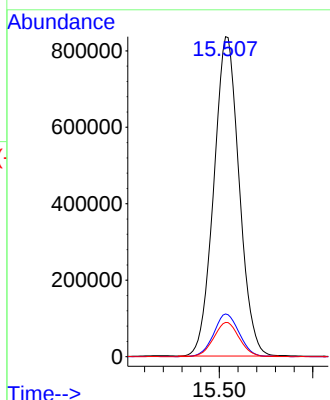
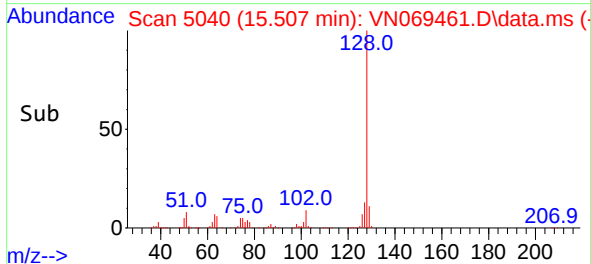
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



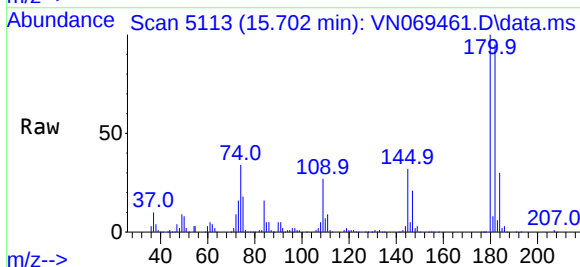
Tgt Ion:128 Resp: 1574740
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 51.016 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069461.D
Acq: 12 Nov 2021 11:42



Tgt Ion:180 Resp: 563827
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 32.9 15.0 45.1

