

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069545.D
 Acq On : 18 Nov 2021 11:01
 Operator : JC/MD
 Sample : VN1118WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 03:16:53 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

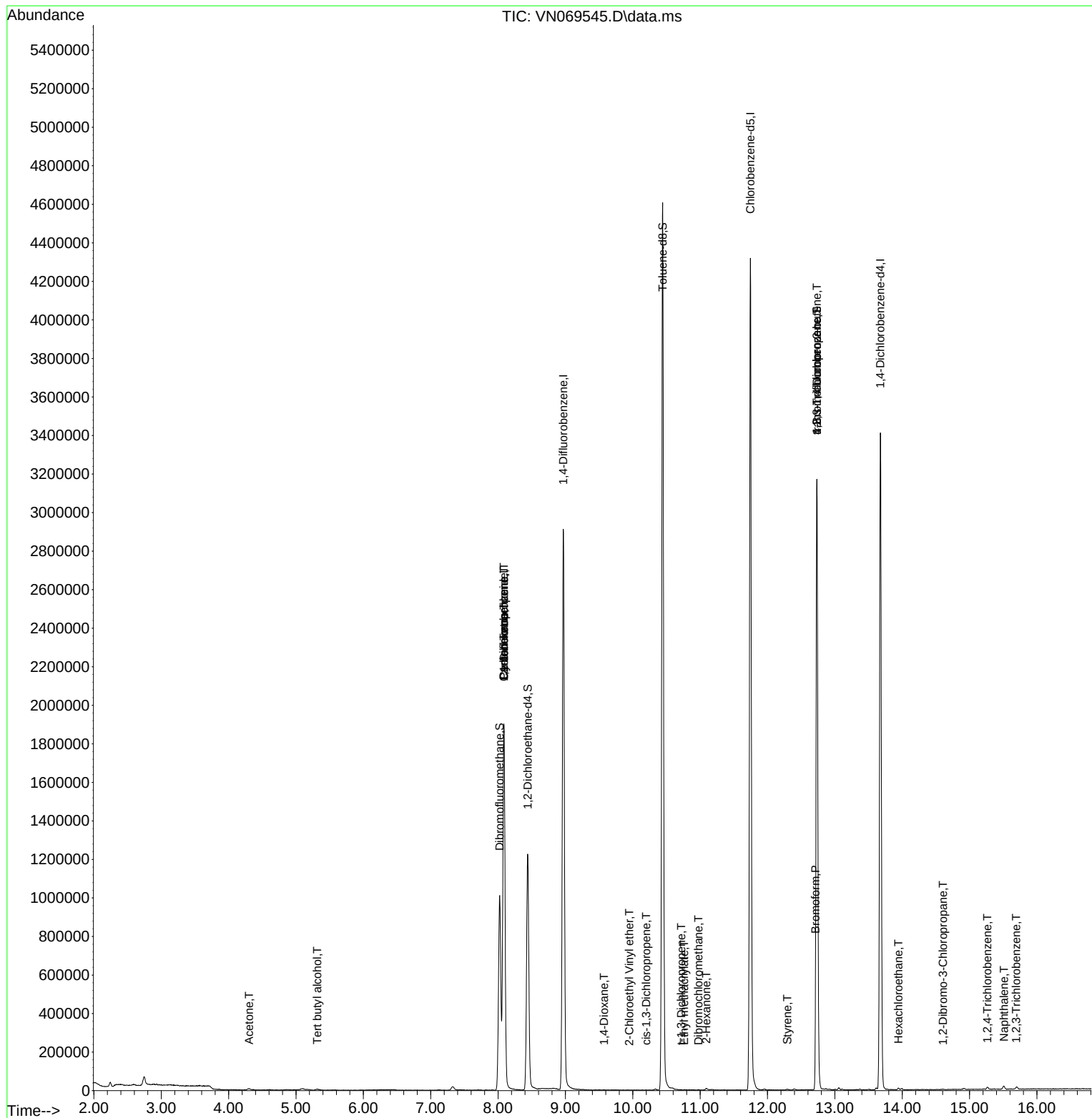
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1423006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2493503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2440453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	918747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1049663	50.873	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.740%	
35) Dibromofluoromethane	8.024	113	727911	48.674	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.340%	
50) Toluene-d8	10.443	98	3136533	53.326	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.734	95	1094496	50.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.300%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.315	59	2119	0.570	ug/l #	74
13) Acrolein	4.036	56	463	Below Cal	#	9
16) Acetone	4.304	43	8381	0.753	ug/l #	85
31) Cyclohexane	8.086	56	38007	1.348	ug/l #	34
36) 1,1-Dichloropropene	8.088	75	121112	5.772	ug/l #	49
38) Carbon Tetrachloride	8.088	117	148372	7.325	ug/l #	17
49) 1,4-Dioxane	9.574	88	156	39.412	ug/l #	2
53) t-1,3-Dichloropropene	10.719	75	190	2.644	ug/l #	43
54) cis-1,3-Dichloropropene	10.199	75	218	1.740	ug/l #	66
56) Ethyl methacrylate	10.762	69	783	2.077	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.947	63	54	22.776	ug/l #	45
59) 2-Hexanone	11.092	43	7818	8.247	ug/l	85
60) Dibromochloromethane	10.974	129	158	2.426	ug/l #	11
70) Styrene	12.296	104	1607	1.549	ug/l #	70
71) Bromoform	12.712	173	434	3.457	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	617369	29.118	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	617369	82.429	ug/l #	5
90) Hexachloroethane	13.943	117	96	2.171	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.606	75	343	1.869	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.263	180	3539	3.343	ug/l	92
95) Naphthalene	15.509	128	15425	4.796	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.692	180	1856	3.295	ug/l #	24

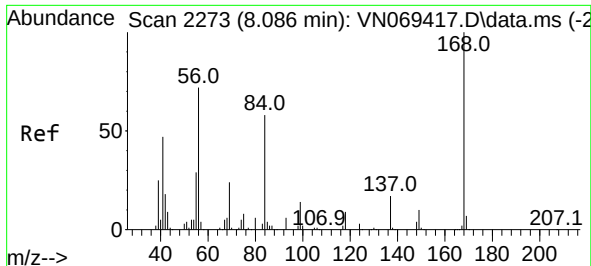
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN069545.D
Acq On : 18 Nov 2021 11:01
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Sample : VN1118WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

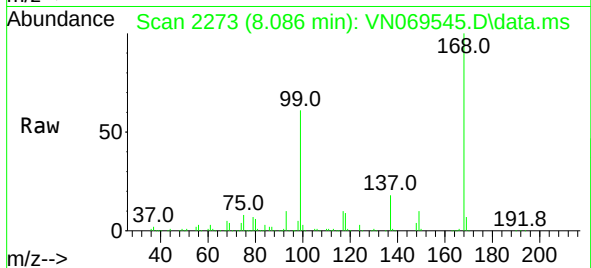
Quant Time: Nov 19 03:16:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration



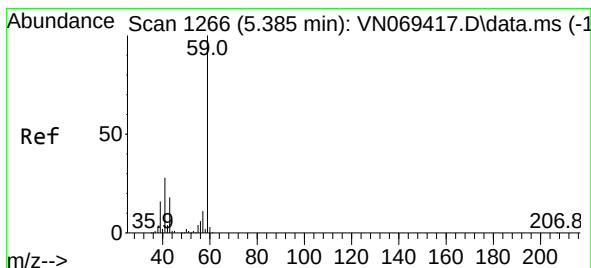
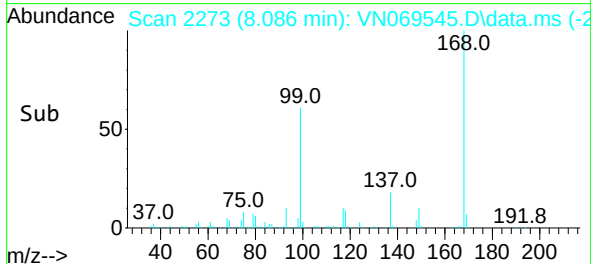
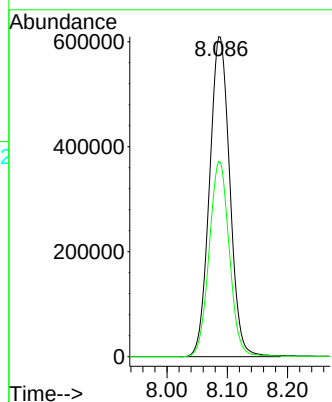


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

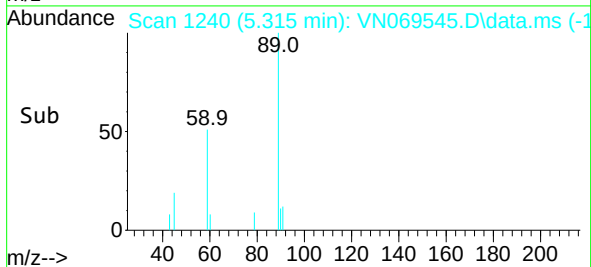
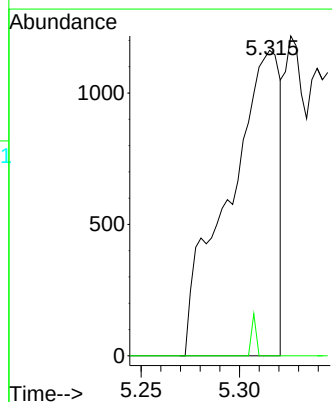
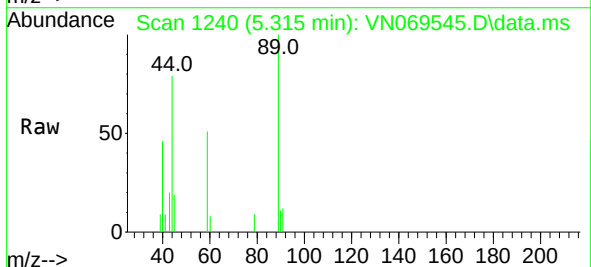


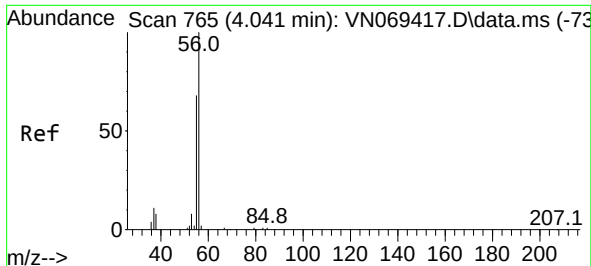
Tgt Ion:168 Resp: 1423006
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.570 ug/l
RT: 5.315 min Scan# 1240
Delta R.T. -0.070 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

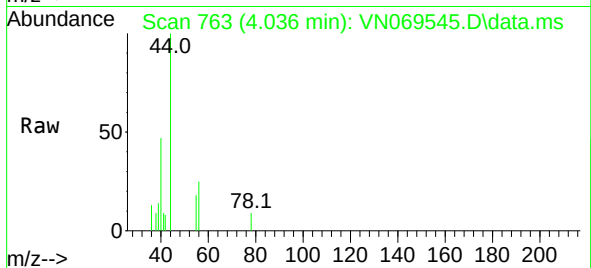
Tgt Ion: 59 Resp: 2119
Ion Ratio Lower Upper
59 100
57 1.2 8.7 13.1#



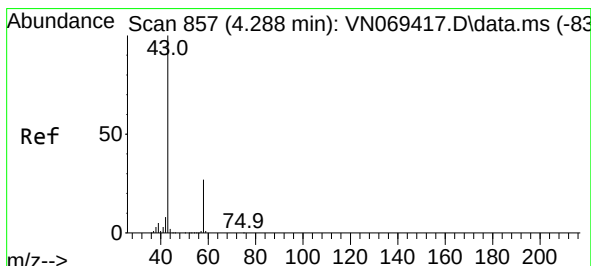
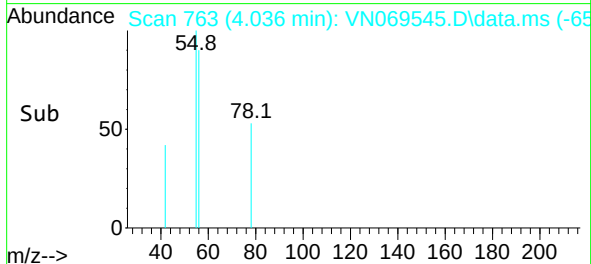
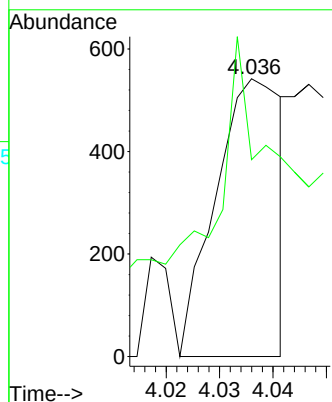


#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

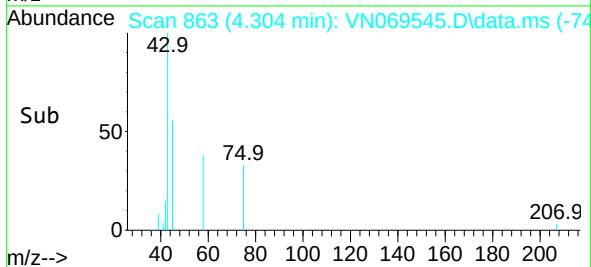
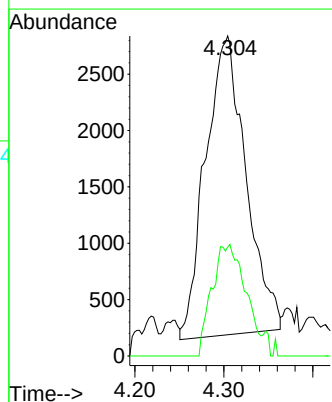
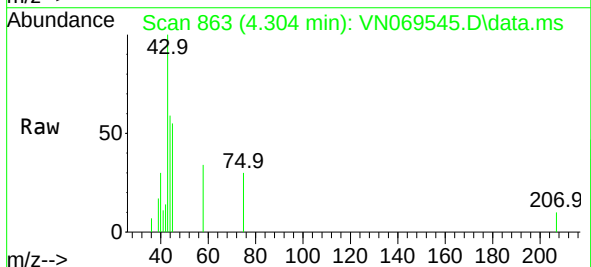


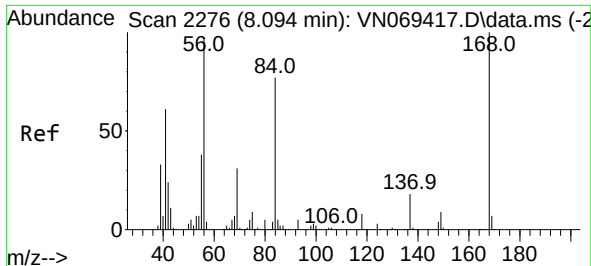
Tgt Ion: 56 Resp: 463
Ion Ratio Lower Upper
56 100
55 146.0 56.6 85.0#



#16
Acetone
Concen: 0.753 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

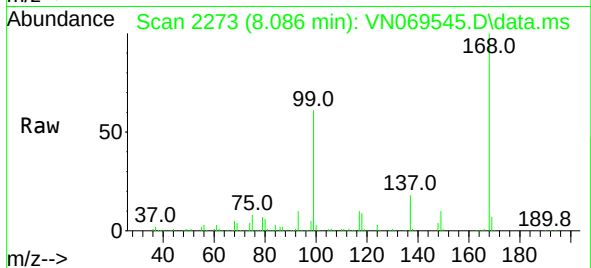
Tgt Ion: 43 Resp: 8381
Ion Ratio Lower Upper
43 100
58 37.1 23.1 34.7#



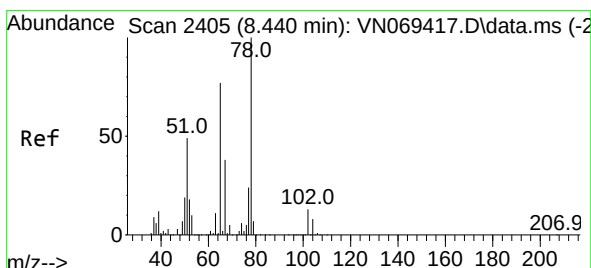
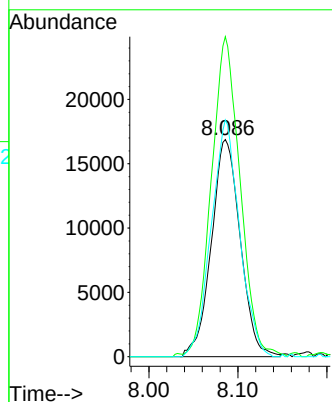
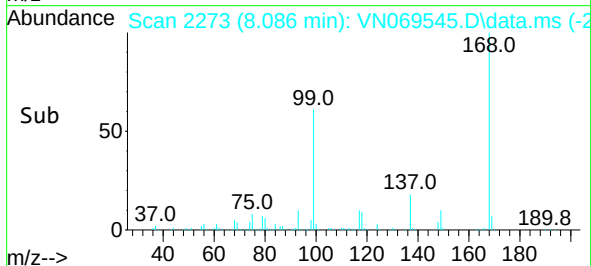


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

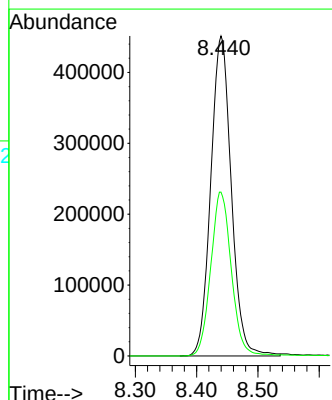
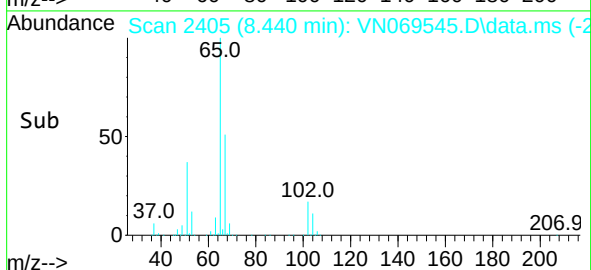
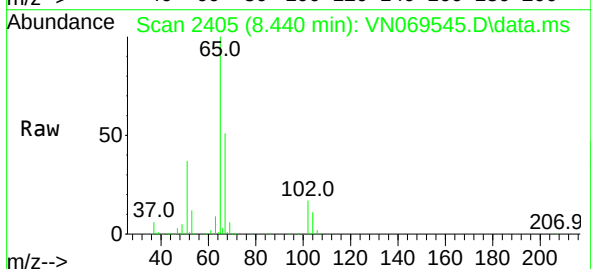


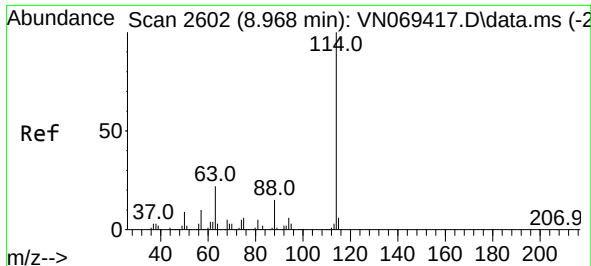
Tgt Ion: 56 Resp: 38007
Ion Ratio Lower Upper
56 100
69 146.1 27.1 40.7#
84 109.1 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.873 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

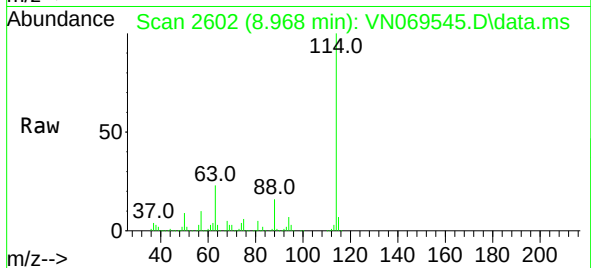
Tgt Ion: 65 Resp: 1049663
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0



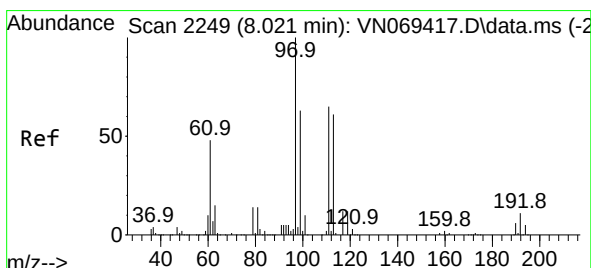
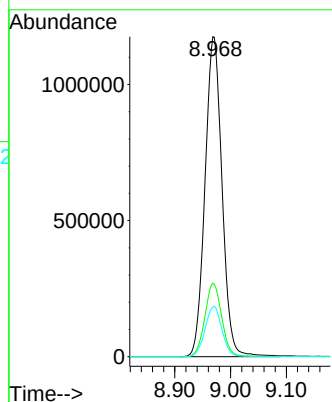
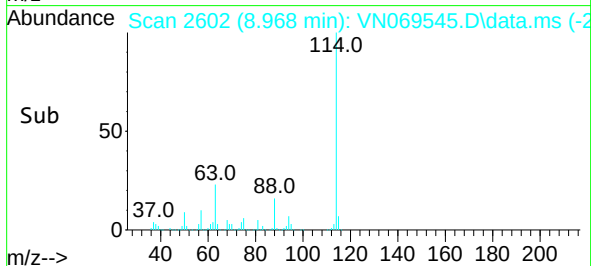


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

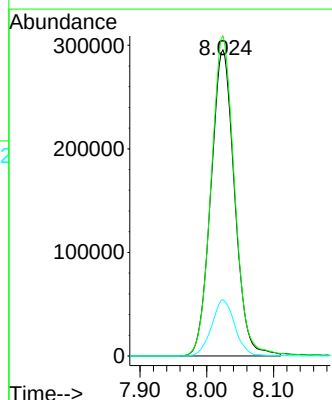
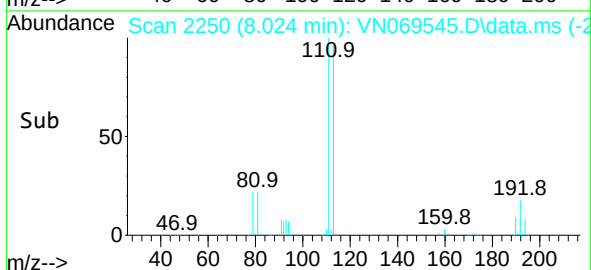
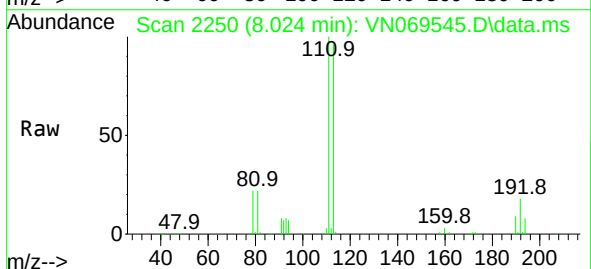


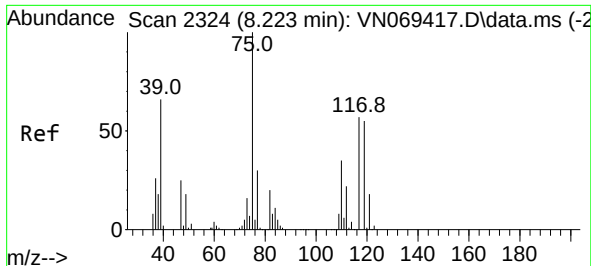
Tgt Ion:114 Resp: 2493503
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.674 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion:113 Resp: 727911
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.1 16.9 25.3

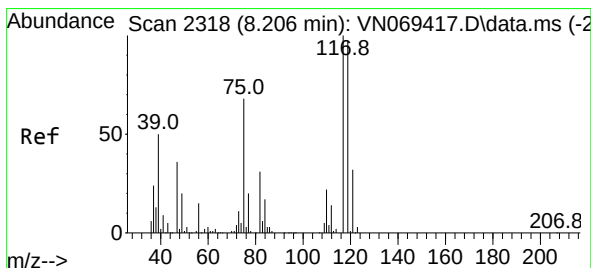
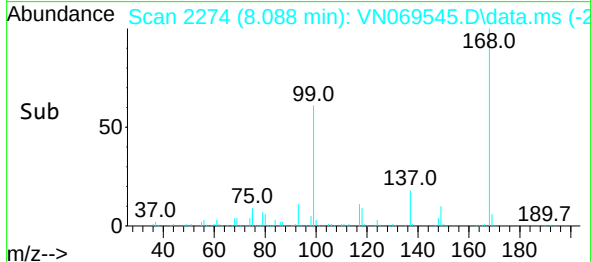
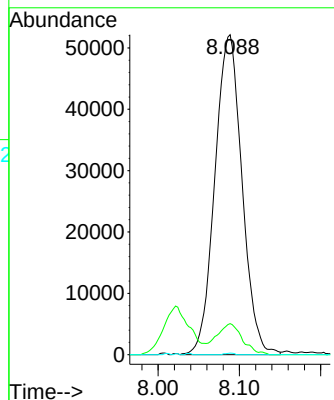
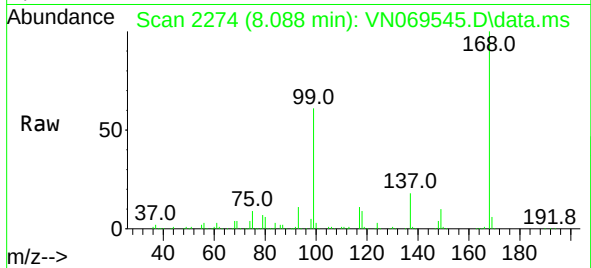




#36
1,1-Dichloropropene
Concen: 5.772 ug/l
RT: 8.088 min Scan# 2112
Delta R.T. -0.135 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

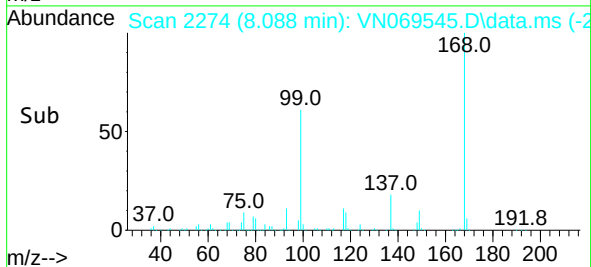
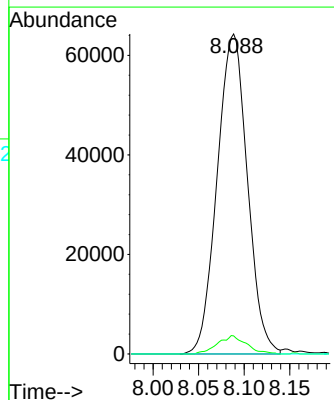
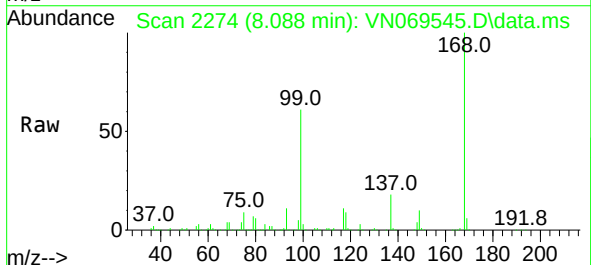
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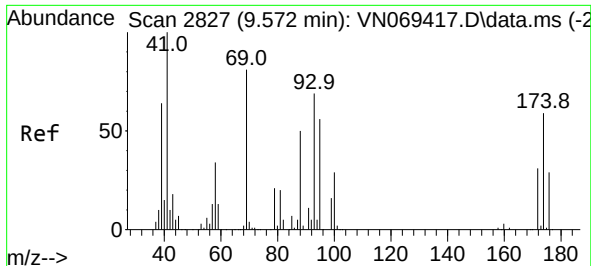
Tgt Ion: 75 Resp: 121112
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.325 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion:117 Resp: 148372
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 39.412 ug/l

RT: 9.574 min Scan# 21

Delta R.T. 0.002 min

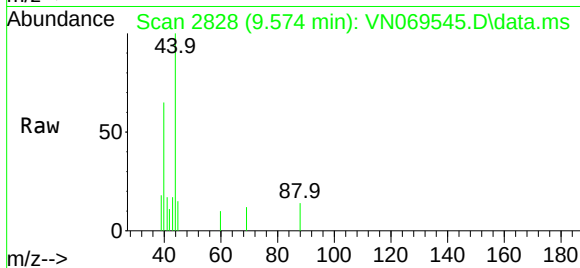
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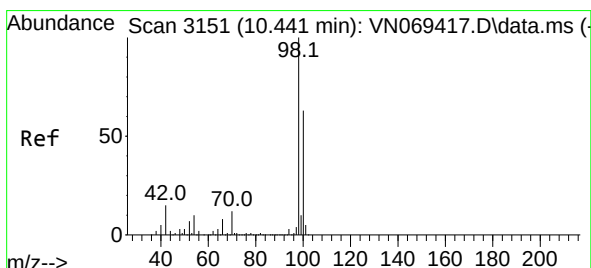
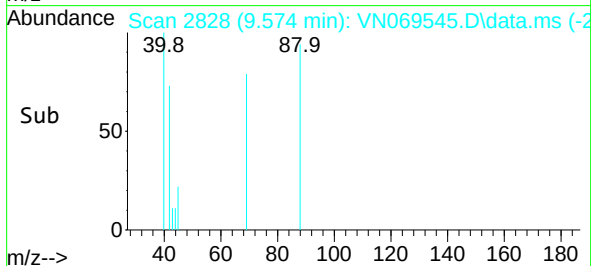
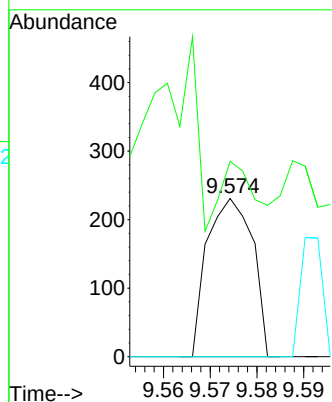
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	156
Ion	Ratio	Lower	Upper
88	100		
43	101.9	23.4	35.2#
58	0.0	50.6	75.8#



#50

Toluene-d8

Concen: 53.326 ug/l

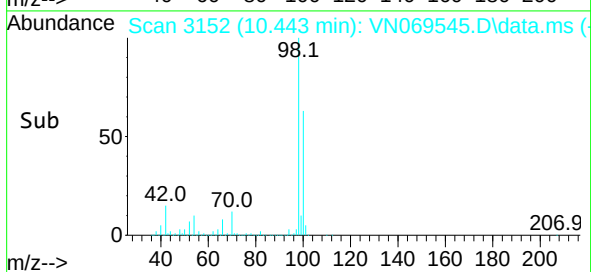
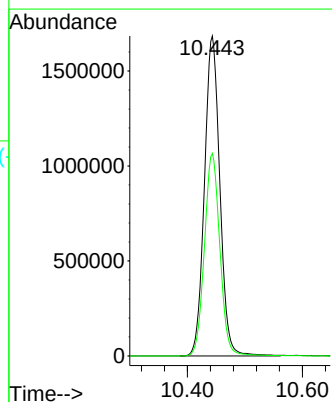
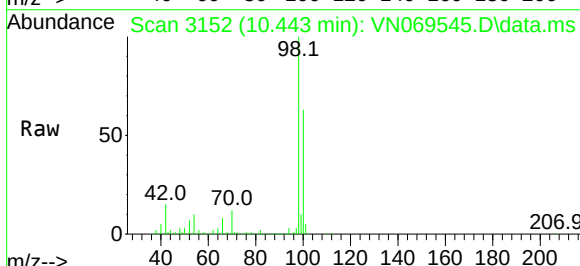
RT: 10.443 min Scan# 3152

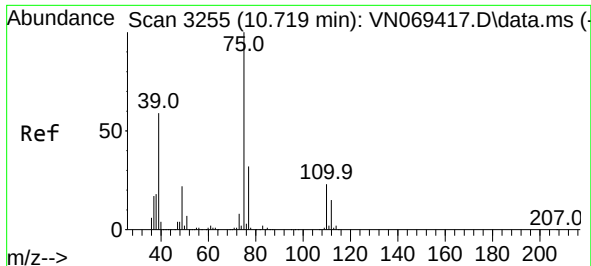
Delta R.T. 0.002 min

Lab File: VN069545.D

Acq: 18 Nov 2021 11:01

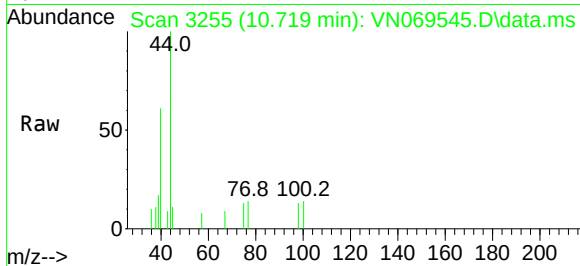
Tgt Ion:	98	Resp:	3136533
Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.4	75.6



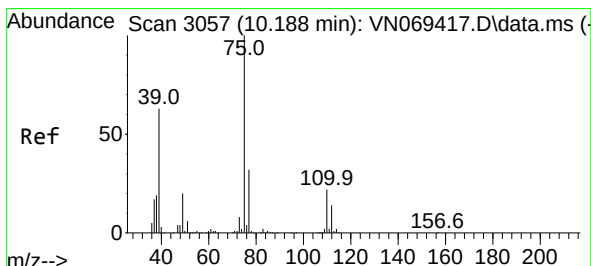
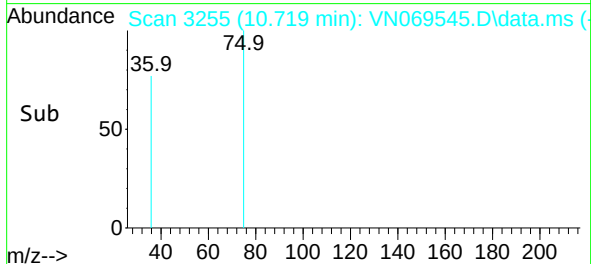
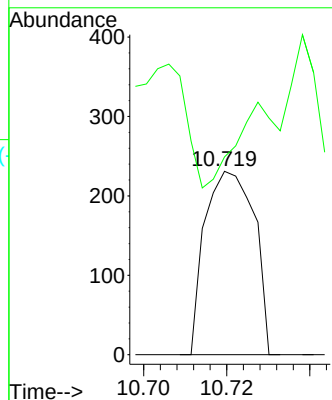


#53
t-1,3-Dichloropropene
Concen: 2.644 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

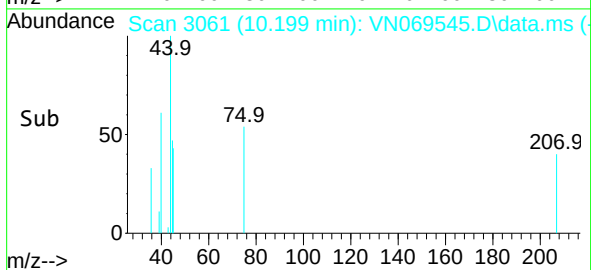
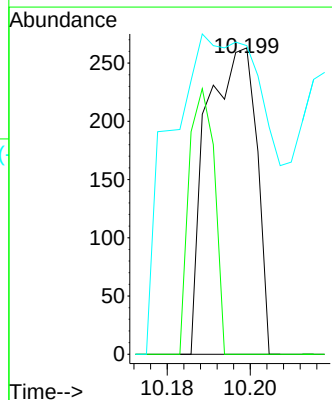
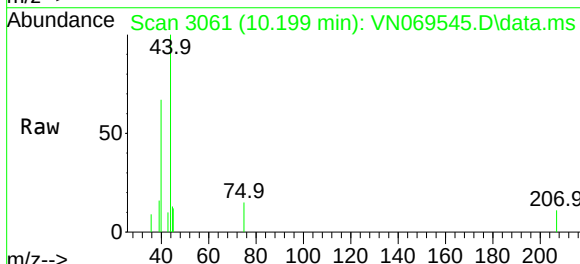


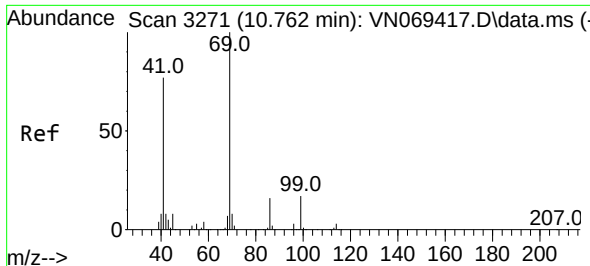
Tgt Ion: 75 Resp: 190
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 1.740 ug/l
RT: 10.199 min Scan# 3061
Delta R.T. 0.011 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

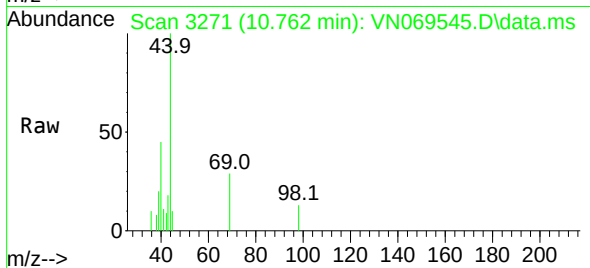
Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 39.2 42.5 63.7#



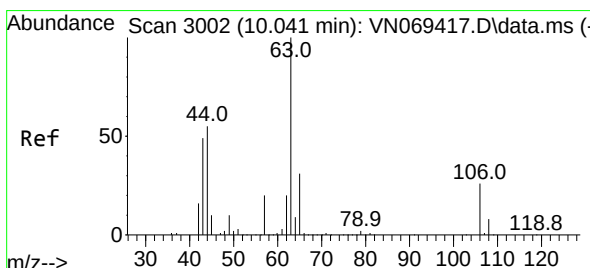
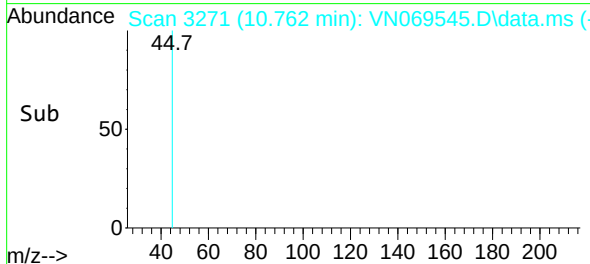
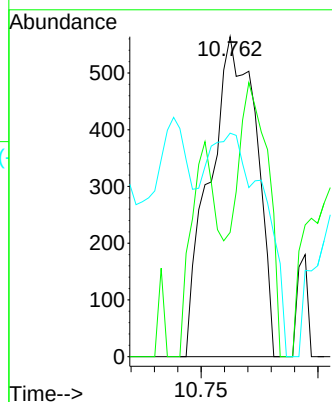


#56
Ethyl methacrylate
Concen: 2.077 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

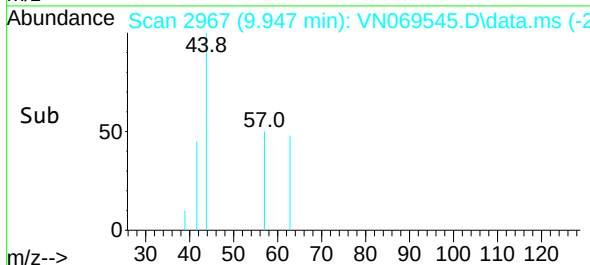
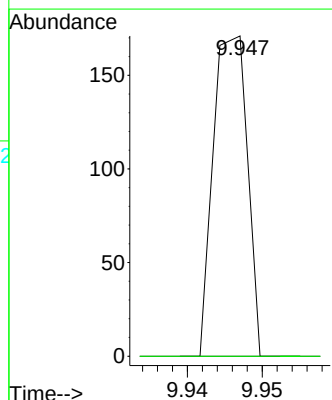
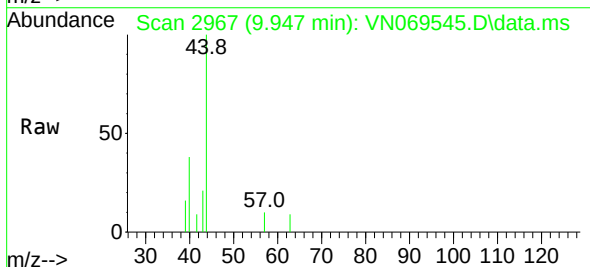


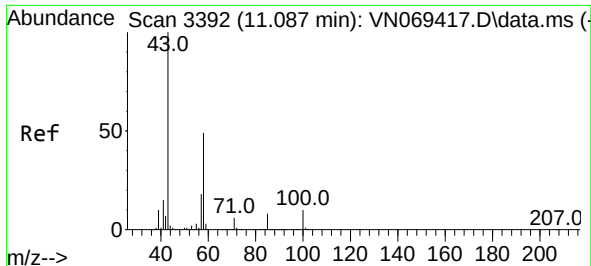
Tgt Ion: 69 Resp: 783
Ion Ratio Lower Upper
69 100
41 58.9 51.4 77.0
39 85.4 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 22.776 ug/l
RT: 9.947 min Scan# 2967
Delta R.T. -0.094 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

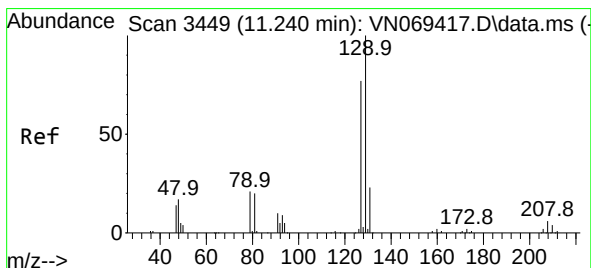
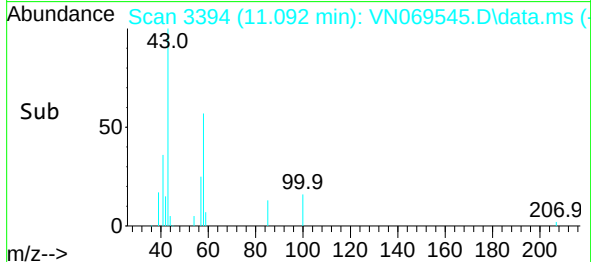
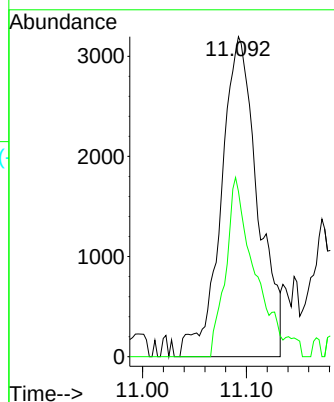
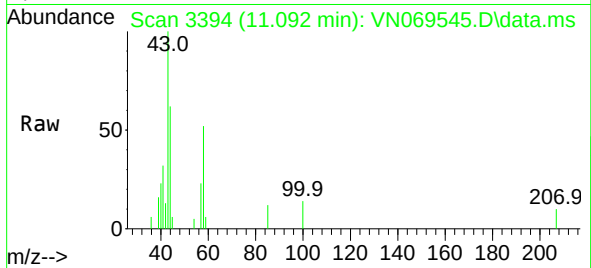




#59
2-Hexanone
Concen: 8.247 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

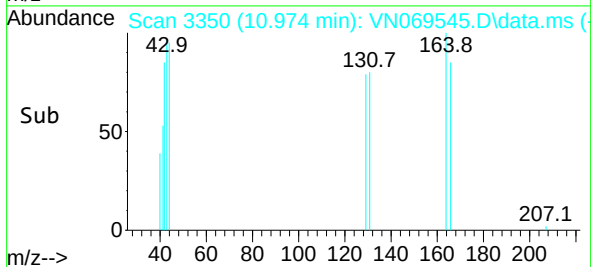
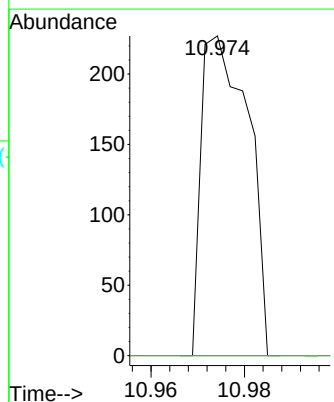
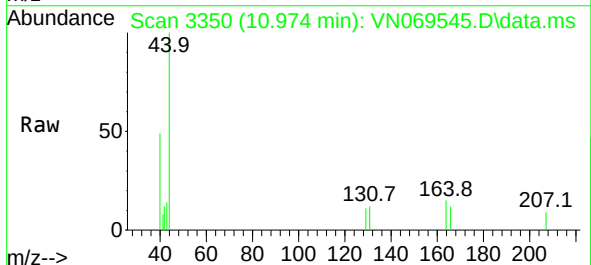
Instrument :
MSVOA_N
ClientSampleId :

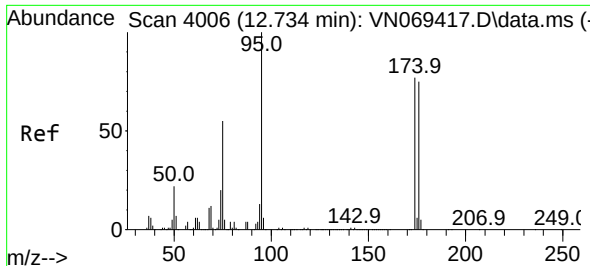
Tgt Ion: 43 Resp: 7818
Ion Ratio Lower Upper
43 100
58 43.4 26.9 80.7



#60
Dibromochloromethane
Concen: 2.426 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.266 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion: 129 Resp: 158
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

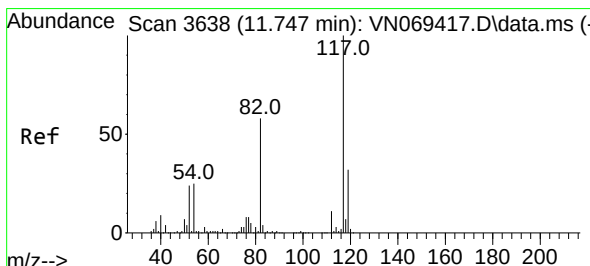
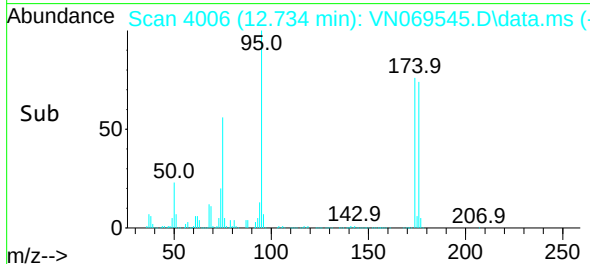
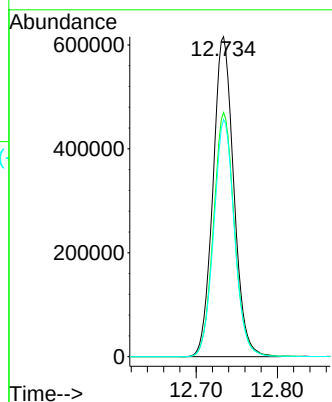
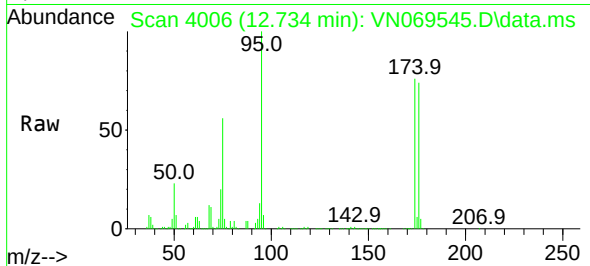




#62
4-Bromofluorobenzene
Concen: 50.654 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

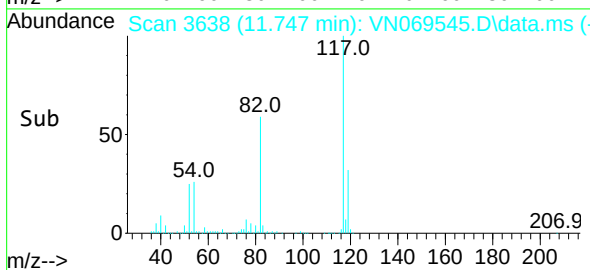
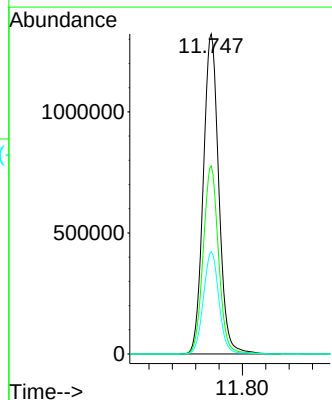
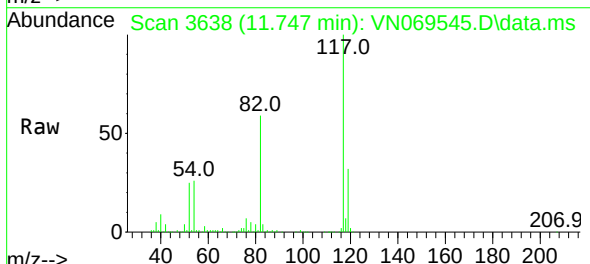
Instrument :
MSVOA_N
ClientSampleId :

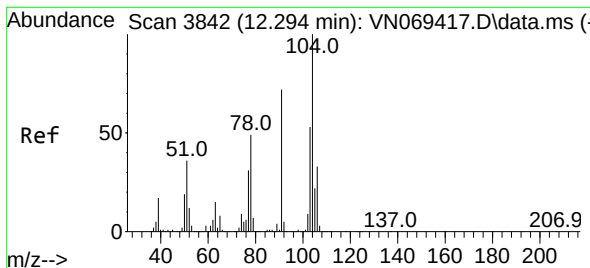
Tgt Ion: 95 Resp: 1094496
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion: 117 Resp: 2440453
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.0 25.4 38.2





#70

Styrene

Concen: 1.549 ug/l

RT: 12.296 min Scan# 3842

Delta R.T. 0.002 min

Lab File: VN069545.D

Acq: 18 Nov 2021 11:01

Instrument :

MSVOA_N

ClientSampleId :

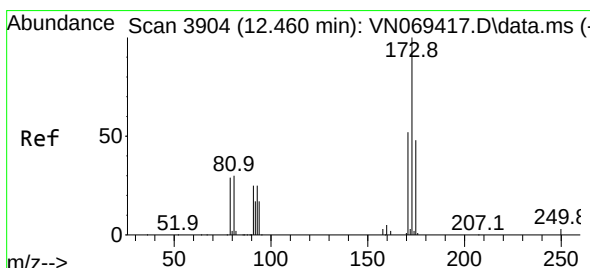
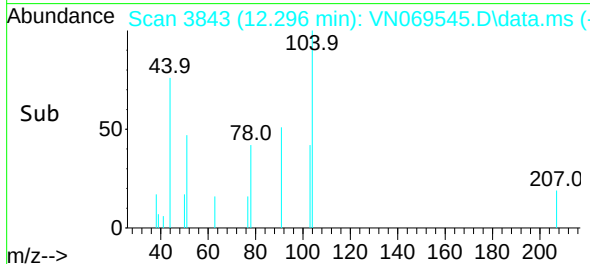
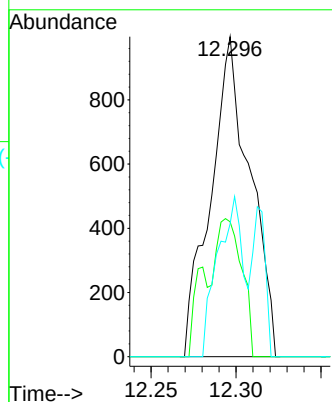
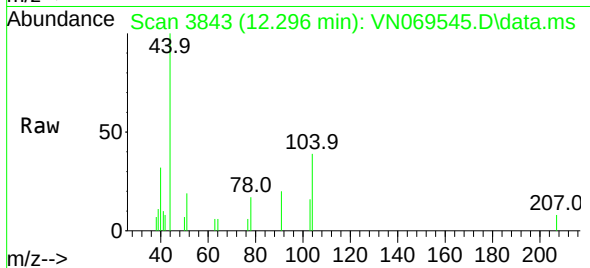
Tgt Ion:104 Resp: 1607

Ion Ratio Lower Upper

104 100

78 29.8 38.7 58.1#

103 32.3 45.0 67.6#



#71

Bromoform

Concen: 3.457 ug/l

RT: 12.712 min Scan# 3998

Delta R.T. 0.252 min

Lab File: VN069545.D

Acq: 18 Nov 2021 11:01

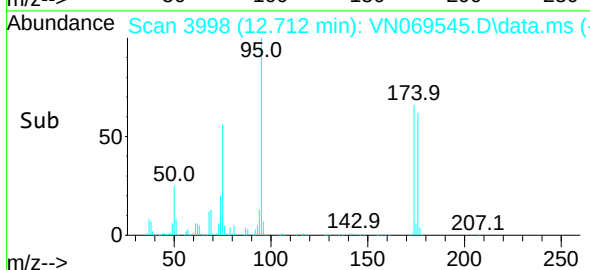
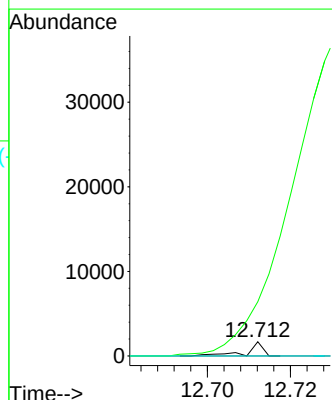
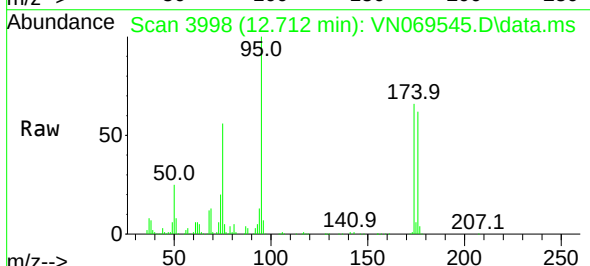
Tgt Ion:173 Resp: 434

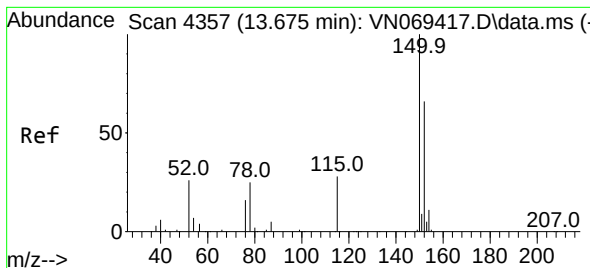
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

254 0.0 0.0 0.0

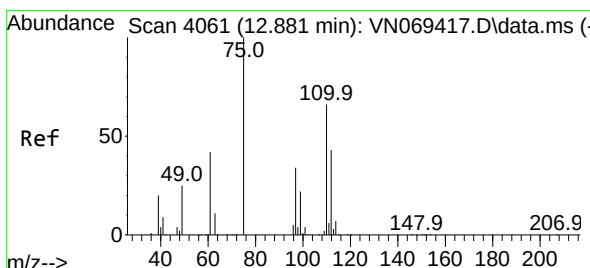
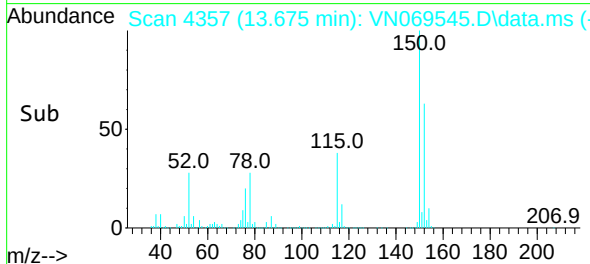
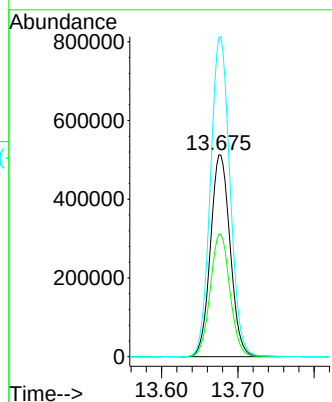
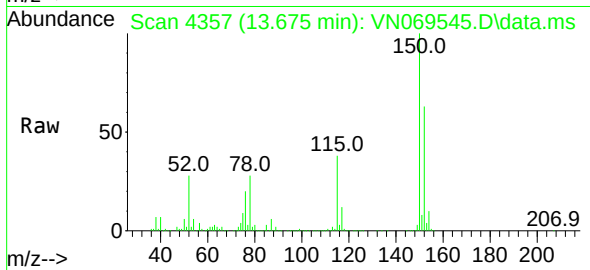




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN069545.D
 Acq: 18 Nov 2021 11:01

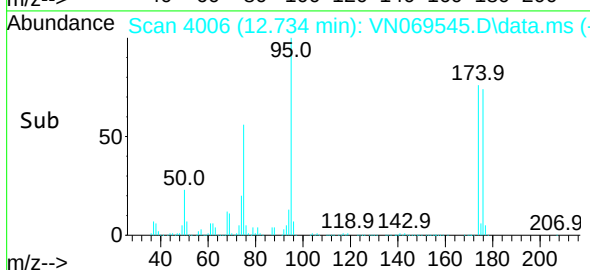
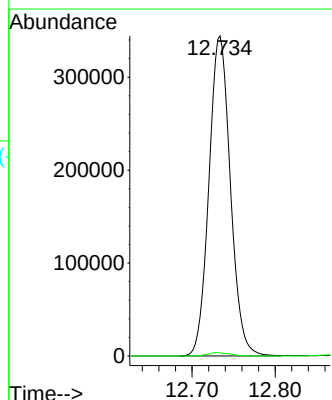
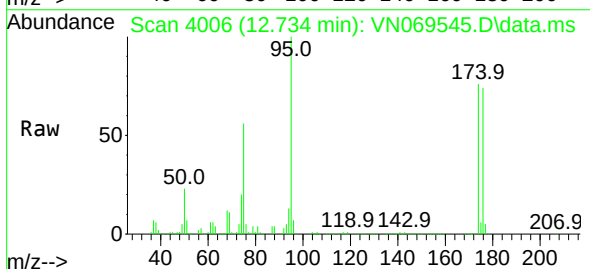
Instrument :
 MSVOA_N
 ClientSampleId :

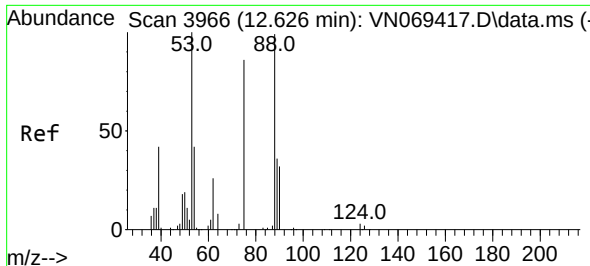
Tgt Ion:152 Resp: 918747
 Ion Ratio Lower Upper
 152 100
 115 60.5 27.5 82.5
 150 157.4 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 29.118 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069545.D
 Acq: 18 Nov 2021 11:01

Tgt Ion: 75 Resp: 617369
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

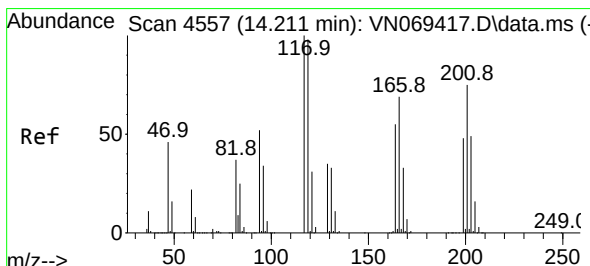
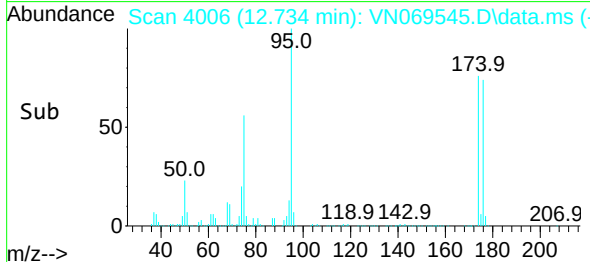
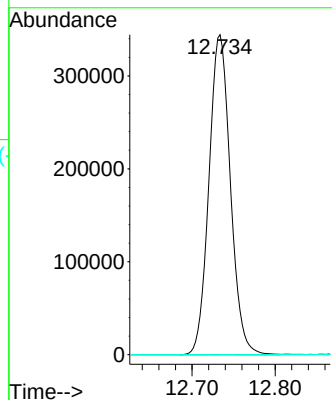
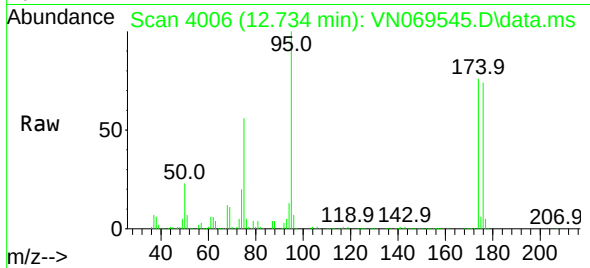




#81
trans-1,4-Dichloro-2-butene
Concen: 82.429 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

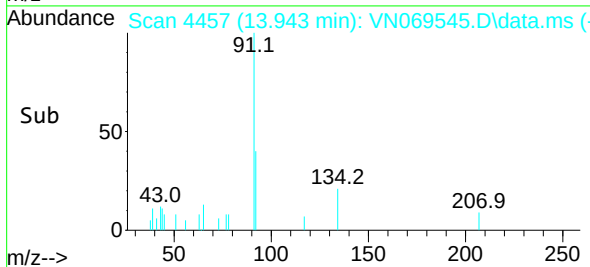
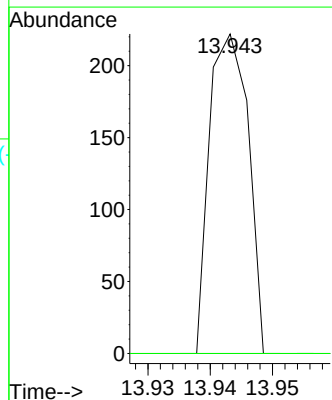
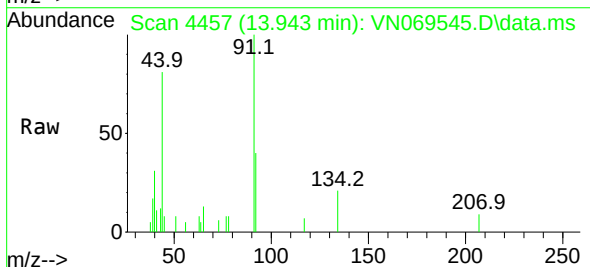
Instrument :
MSVOA_N
ClientSampleId :

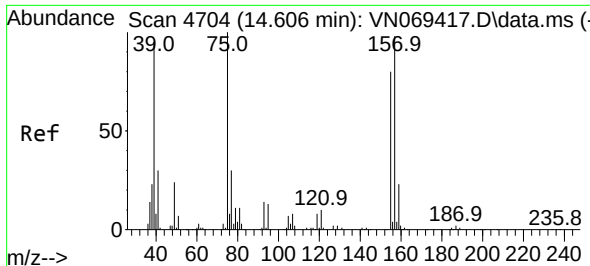
Tgt Ion: 75 Resp: 617369
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#90
Hexachloroethane
Concen: 2.171 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.268 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

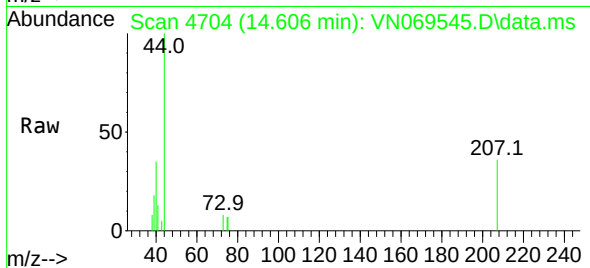
Tgt Ion: 117 Resp: 96
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



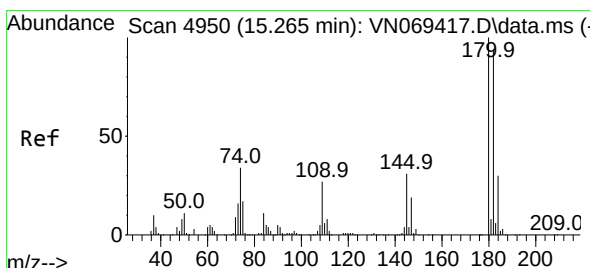
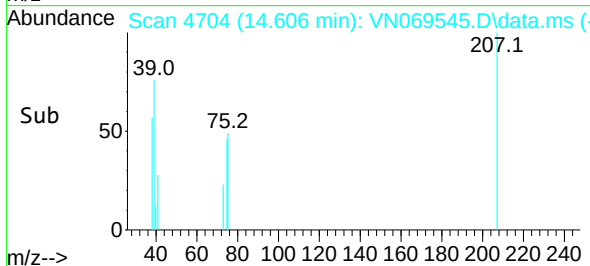
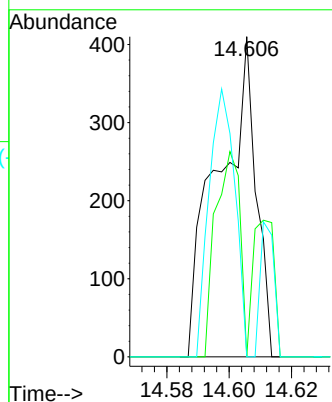


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.869 ug/l
 RT: 14.606 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN069545.D
 Acq: 18 Nov 2021 11:01

Instrument :
 MSVOA_N
 ClientSampleId :

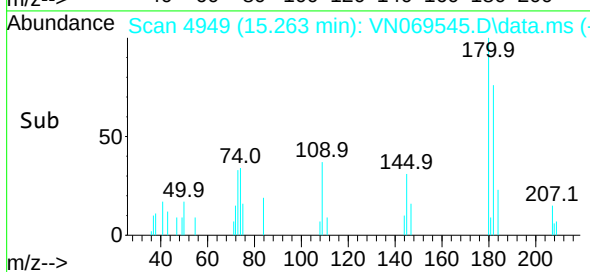
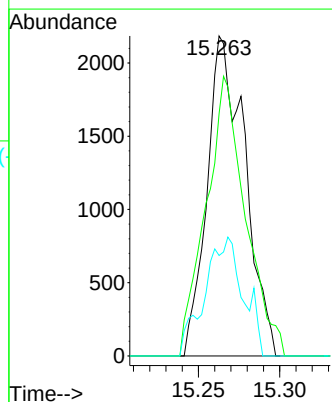
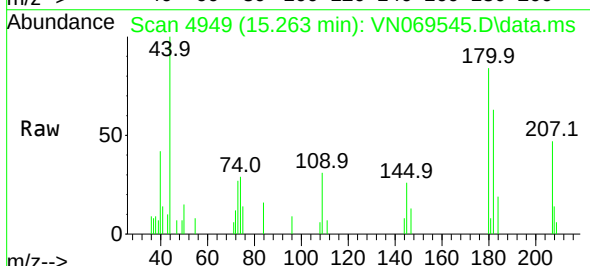


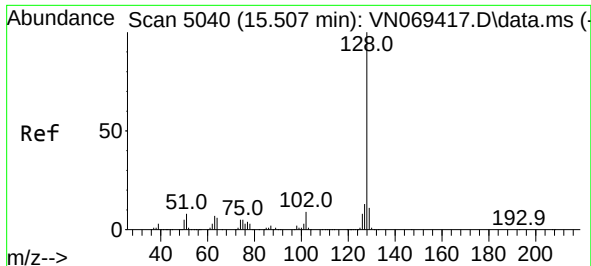
Tgt Ion: 75 Resp: 343
 Ion Ratio Lower Upper
 75 100
 155 23.9 46.9 140.7#
 157 15.5 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.343 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.002 min
 Lab File: VN069545.D
 Acq: 18 Nov 2021 11:01

Tgt Ion: 180 Resp: 3539
 Ion Ratio Lower Upper
 180 100
 182 90.9 48.3 144.9
 145 37.7 14.5 43.5

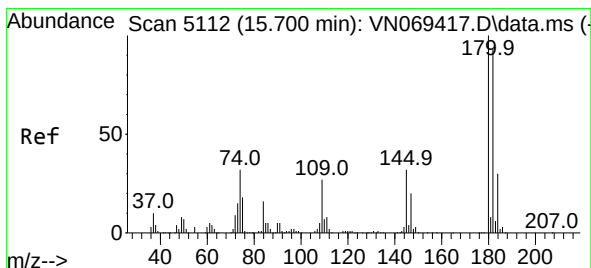
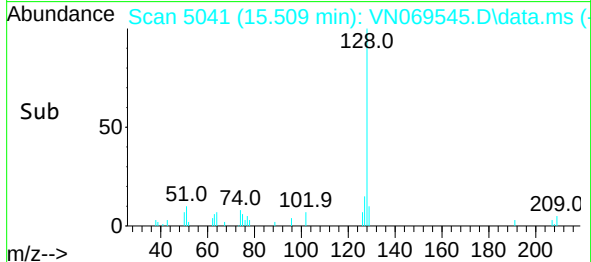
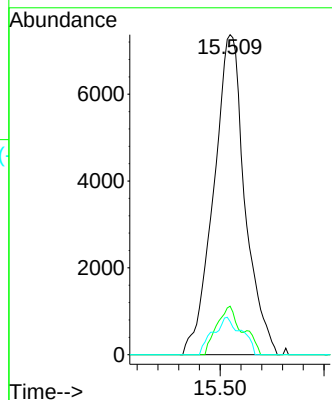
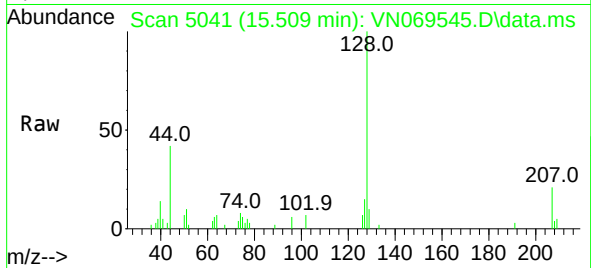




#95
Naphthalene
Concen: 4.796 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 15425
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.295 ug/l
RT: 15.692 min Scan# 5109
Delta R.T. -0.008 min
Lab File: VN069545.D
Acq: 18 Nov 2021 11:01

Tgt Ion:180 Resp: 1856
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 33.9 15.0 45.1

