

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069467.D
 Acq On : 12 Nov 2021 14:48
 Operator : JC/MD
 Sample : M4563-01
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-1

Quant Time: Nov 12 15:07:42 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	8.080	168	1198871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2116383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2038226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	974579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	901670	51.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	103.74%		
35) Dibromofluoromethane	8.019	113	596970	47.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.06%		
50) Toluene-d8	10.440	98	2694492	53.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.94%		
62) 4-Bromofluorobenzene	12.734	95	976650	53.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.50%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.302	59	18700	5.97	ug/l #	71
13) Acrolein	4.012	56	527	Below Cal	#	70
16) Acetone	4.309	43	8398	0.90	ug/l	96
25) 2-Butanone	7.356	43	4733	0.37	ug/l #	83
29) Tetrahydrofuran	7.702	42	6050	0.78	ug/l #	67
31) Cyclohexane	8.080	56	33575	1.41	ug/l #	44
36) 1,1-Dichloropropene	8.078	75	103935	5.84	ug/l #	49
38) Carbon Tetrachloride	8.080	117	127938	7.44	ug/l #	16
49) 1,4-Dioxane	9.580	88	383	40.08	ug/l #	8
51) 4-Methyl-2-Pentanone	10.339	43	13971	0.56	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	663	2.67	ug/l #	29
54) cis-1,3-Dichloropropene	10.186	75	365	1.75	ug/l #	60
56) Ethyl methacrylate	10.768	69	3178	2.17	ug/l #	53
58) 2-Chloroethyl Vinyl ether	10.046	63	411	22.83	ug/l #	45
59) 2-Hexanone	11.092	43	24305	9.06	ug/l	99
60) Dibromochloromethane	11.237	129	144	2.43	ug/l	58
61) 1,2-Dibromoethane	11.350	107	477	1.10	ug/l	99
70) Styrene	12.299	104	4935	1.62	ug/l	94
71) Bromoform	12.736	173	1113	3.52	ug/l #	1
74) N-amyl acetate	12.369	43	43876	1.33	ug/l #	50
76) 1,2,3-Trichloropropane	12.734	75	554372	24.65	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	554372	70.67	ug/l #	5
85) sec-Butylbenzene	13.503	105	32516	0.42	ug/l	92
86) p-Isopropyltoluene	13.616	119	19064	0.31	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	7845	0.25	ug/l #	76
88) 1,4-Dichlorobenzene	13.699	146	10112	0.34	ug/l #	1
89) n-Butylbenzene	13.943	91	30964	0.61	ug/l	98
90) Hexachloroethane	14.217	117	7106	2.77	ug/l #	6
91) 1,2-Dichlorobenzene	13.991	146	8197	0.28	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.608	75	141	1.82	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	20105	4.34	ug/l #	1
94) Hexachlorobutadiene	15.378	225	1995	0.26	ug/l	80
95) Naphthalene	15.507	128	126287	7.11	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.700	180	23737	4.69	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

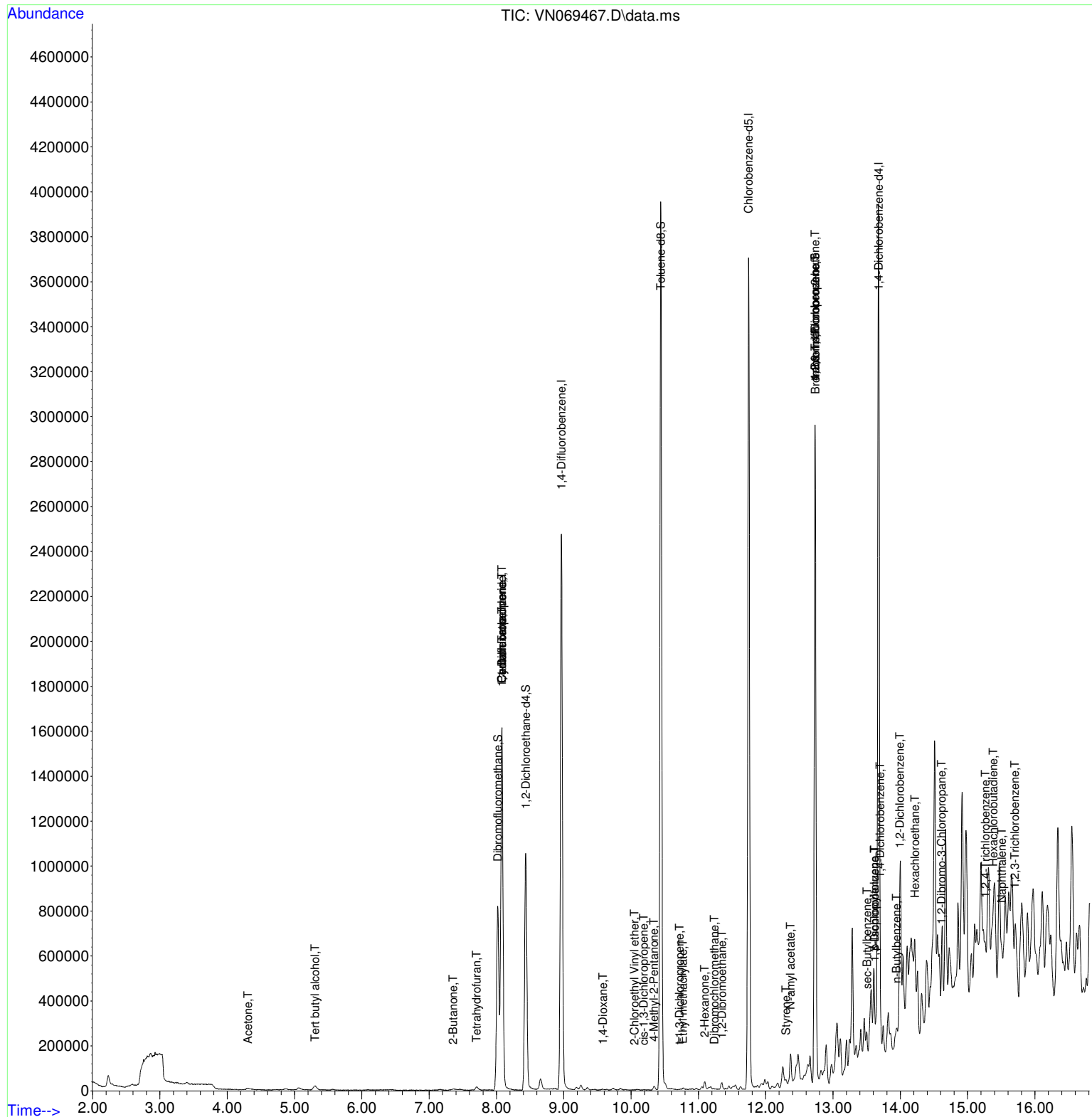
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

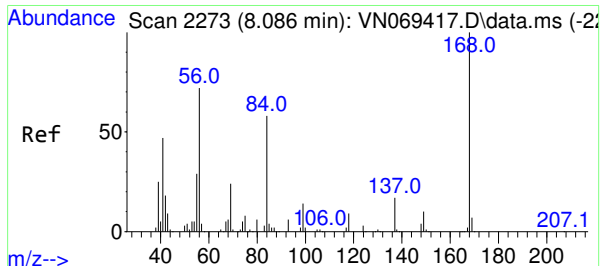
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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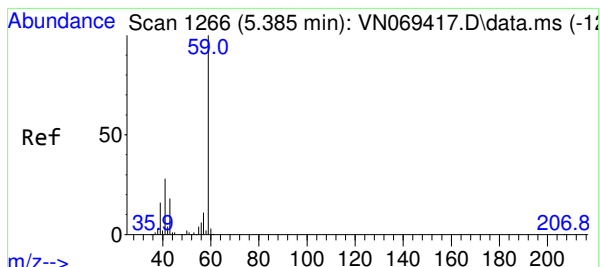
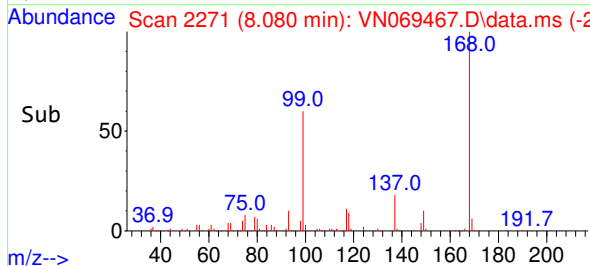
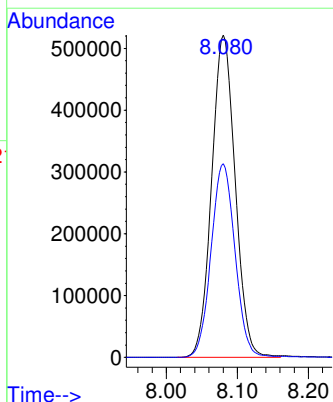
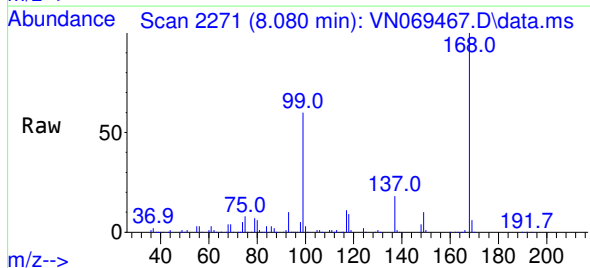




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

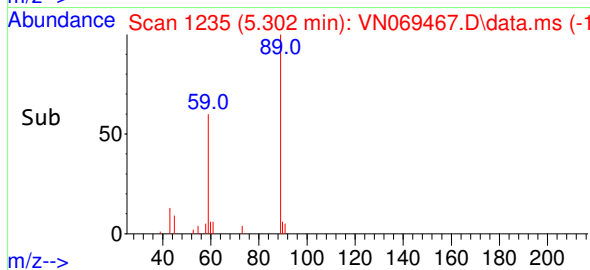
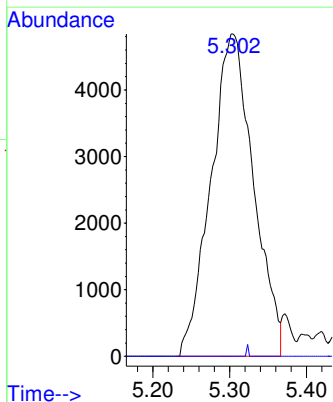
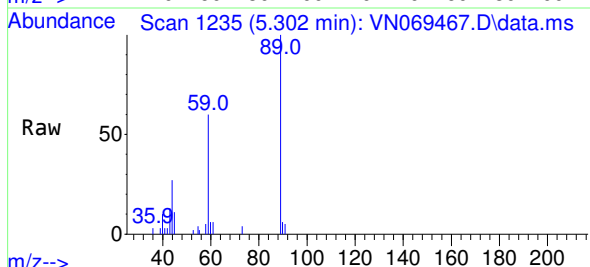
Instrument :
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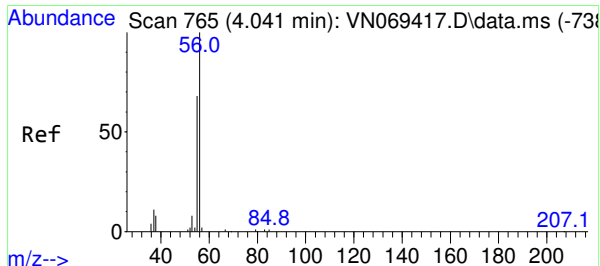
Tgt Ion:168 Resp: 1198871
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 5.97 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.083 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 59 Resp: 18700
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

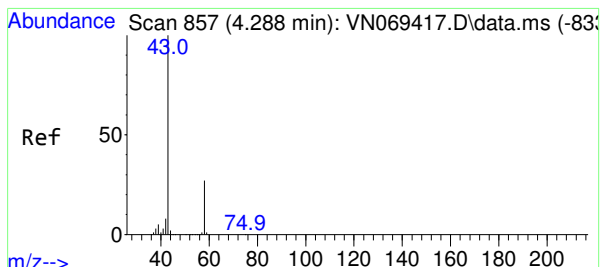
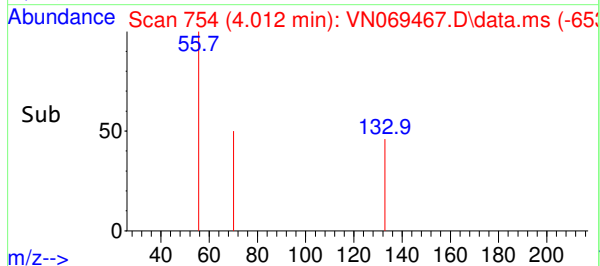
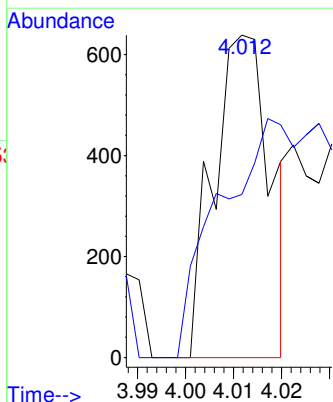
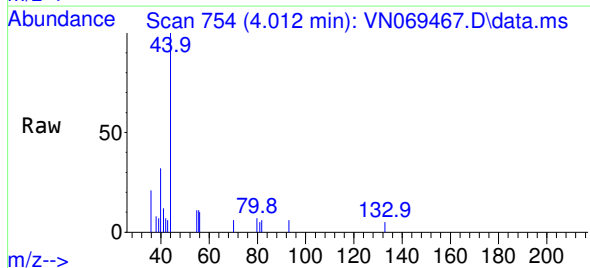




#13
Acrolein
Concen: Below Cal
RT: 4.012 min Scan# 7
Delta R.T. -0.029 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

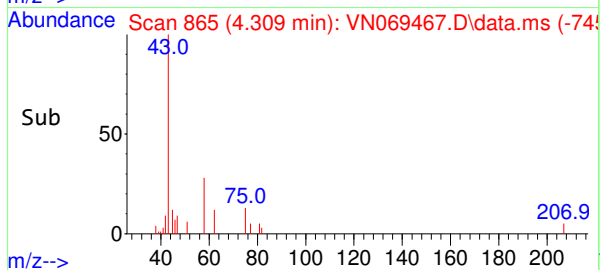
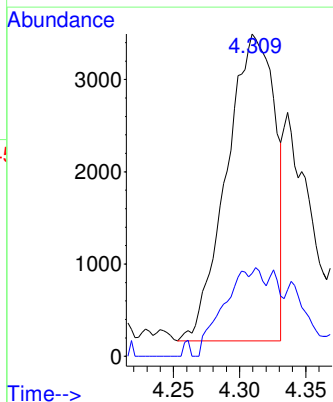
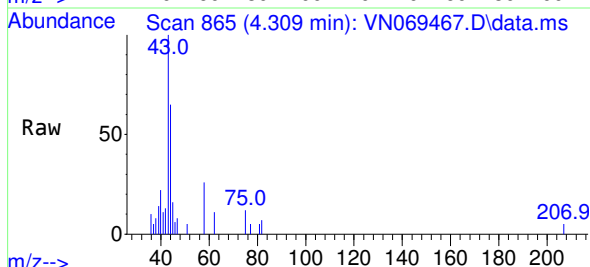
Instrument :
MSVOA_N
ClientSampleId :
S-1

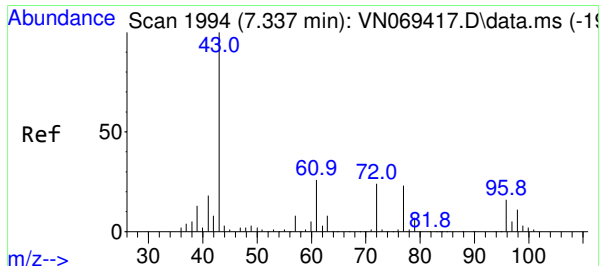
Tgt Ion: 56 Resp: 527
Ion Ratio Lower Upper
56 100
55 95.8 56.6 85.0#



#16
Acetone
Concen: 0.90 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.021 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 43 Resp: 8398
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7

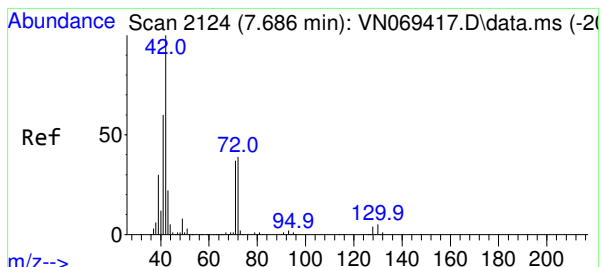
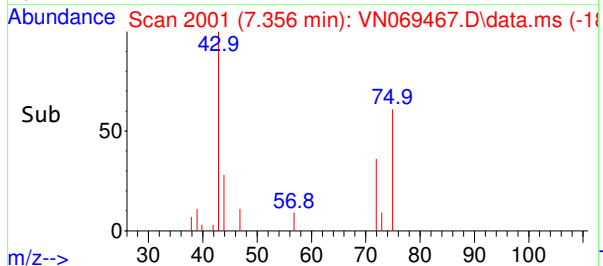
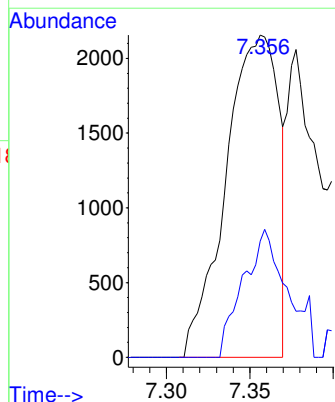
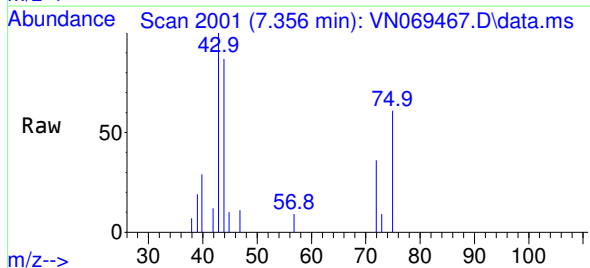




#25
2-Butanone
Concen: 0.37 ug/l
RT: 7.356 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

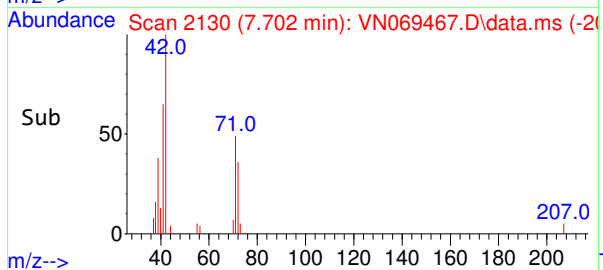
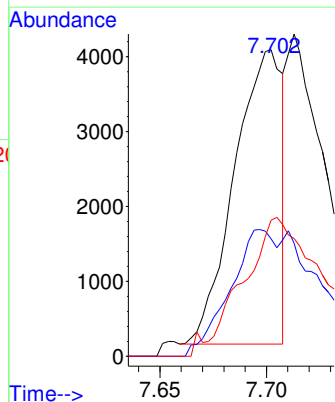
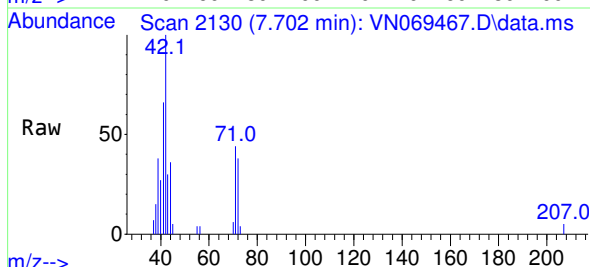
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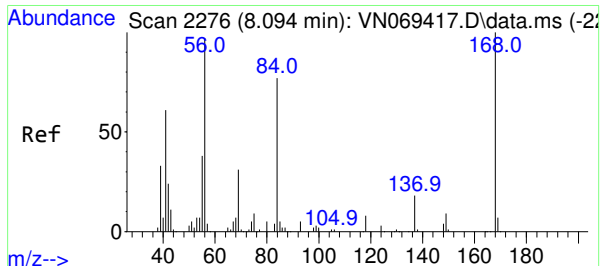
Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
72 36.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.78 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 42 Resp: 6050
Ion Ratio Lower Upper
42 100
72 41.6 36.3 54.5
71 83.5 34.7 52.1#

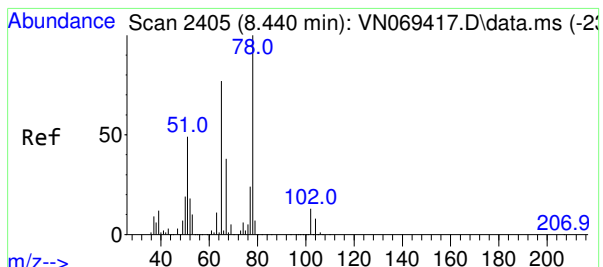
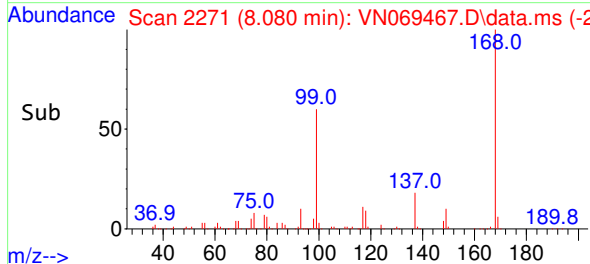
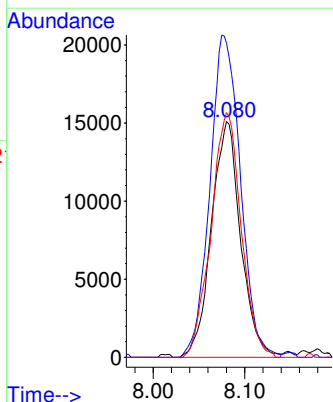
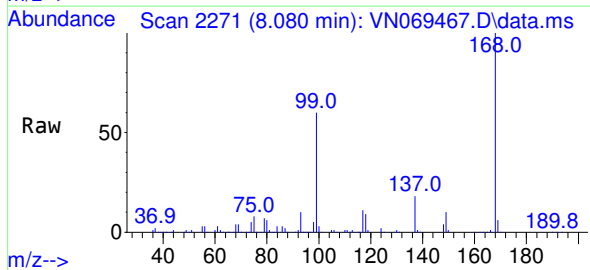




#31
Cyclohexane
Concen: 1.41 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

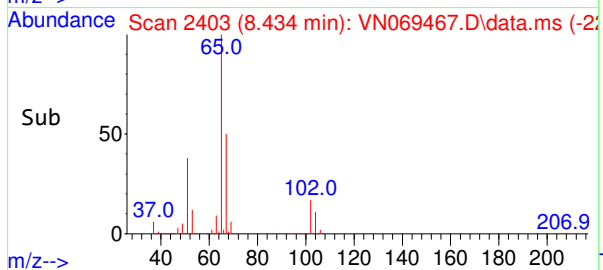
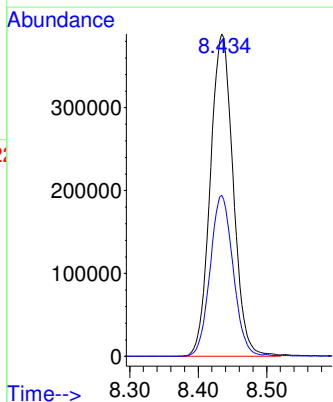
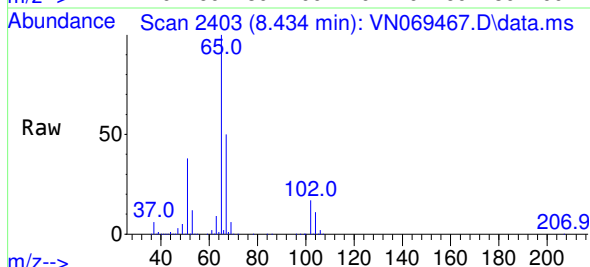
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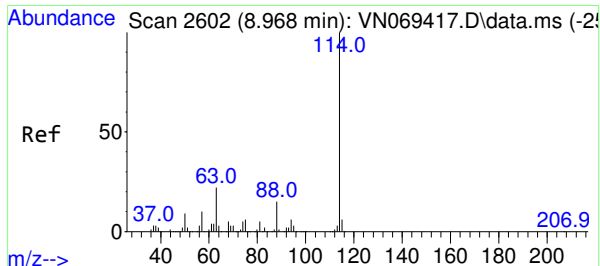
Tgt Ion: 56 Resp: 33575
Ion Ratio Lower Upper
56 100
69 133.1 27.1 40.7#
84 103.9 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 51.87 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 65 Resp: 901670
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0



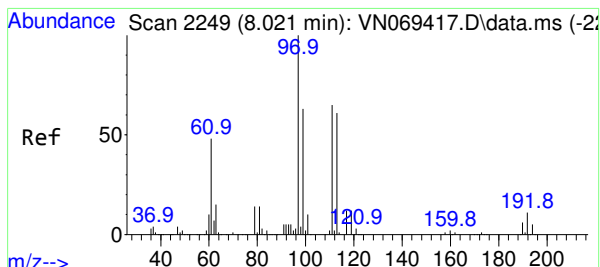
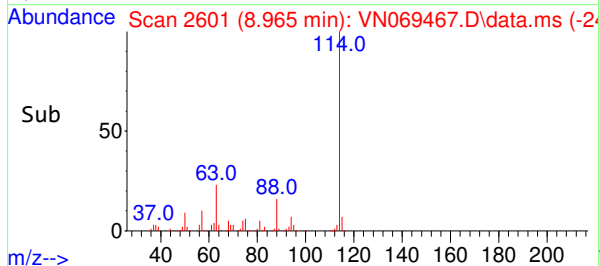
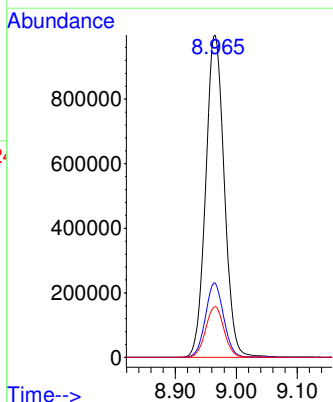
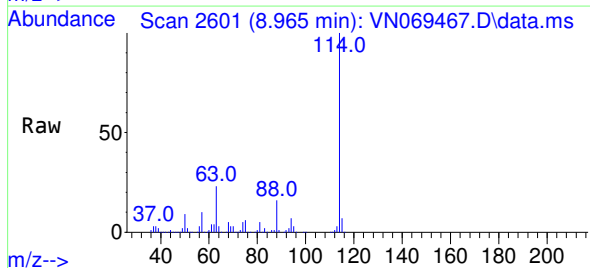


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2116383
Delta R.T. -0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 2116383

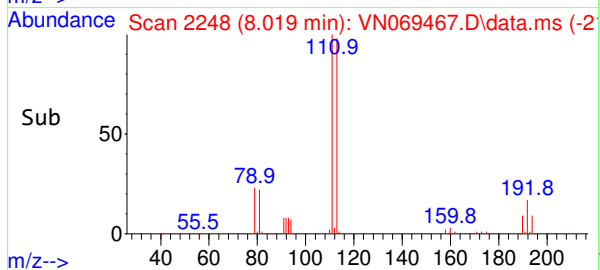
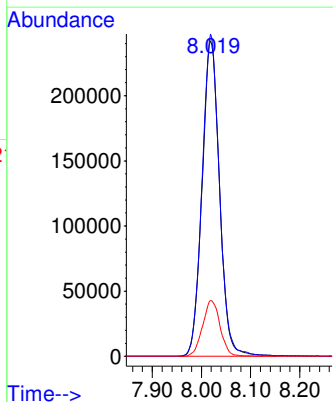
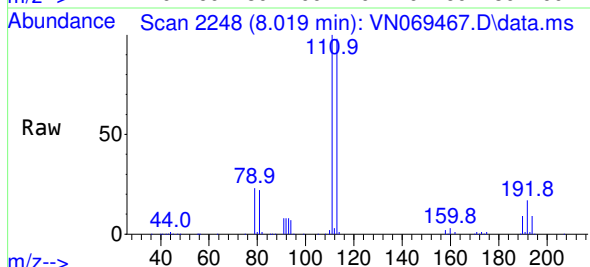
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	37.8
88	15.8	0.0	27.4

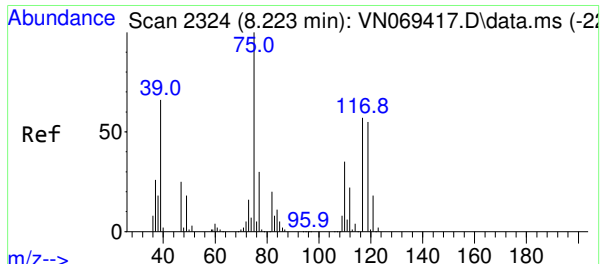


#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
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Tgt Ion:113 Resp: 596970

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	17.7	16.9	25.3

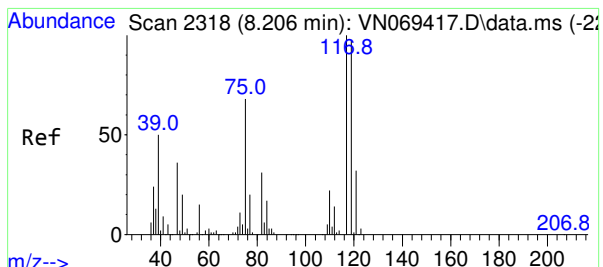
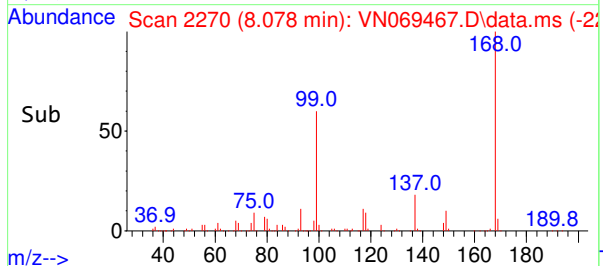
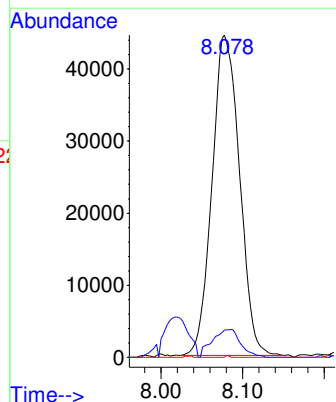
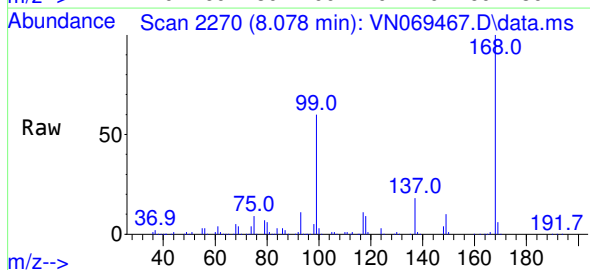




#36
1,1-Dichloropropene
Concen: 5.84 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.145 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

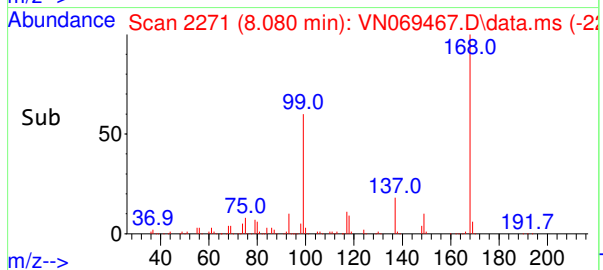
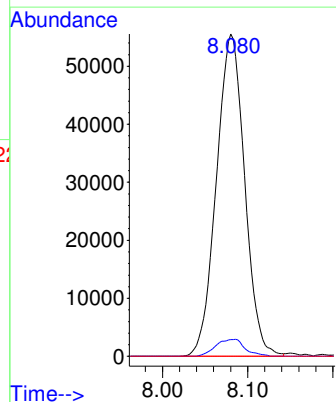
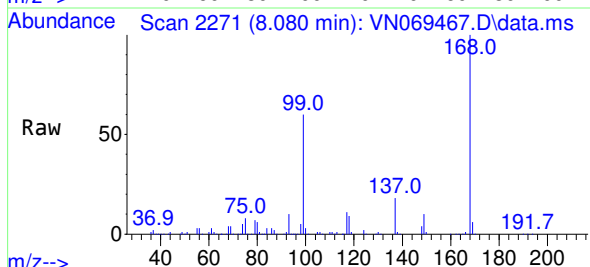
Instrument :
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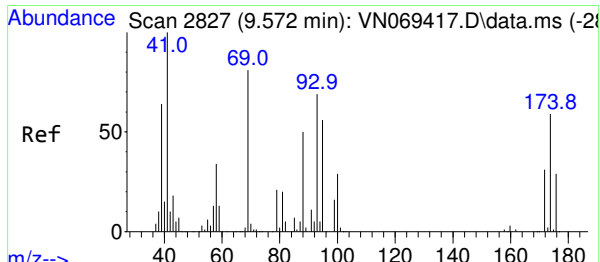
Tgt Ion: 75 Resp: 103935
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.44 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 117 Resp: 127938
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#

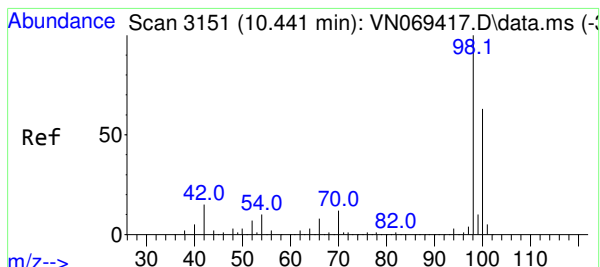
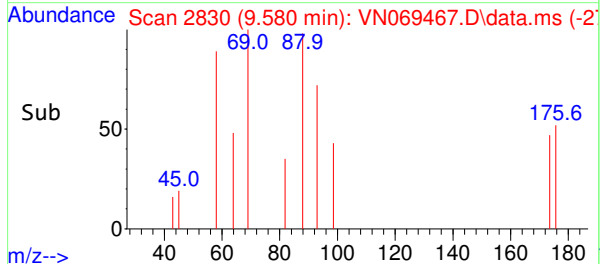
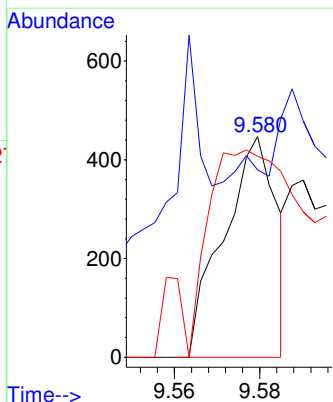
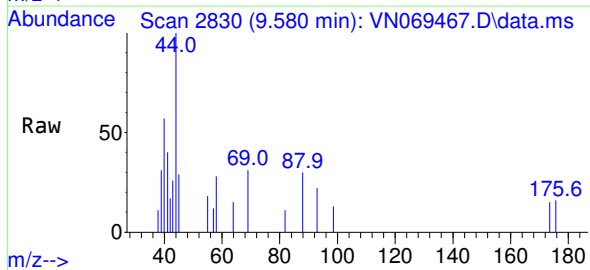




#49
1,4-Dioxane
Concen: 40.08 ug/l
RT: 9.580 min Scan# 2
Delta R.T. 0.008 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

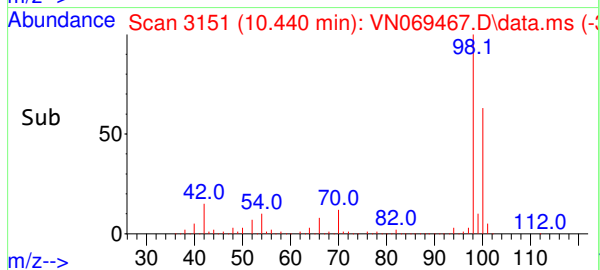
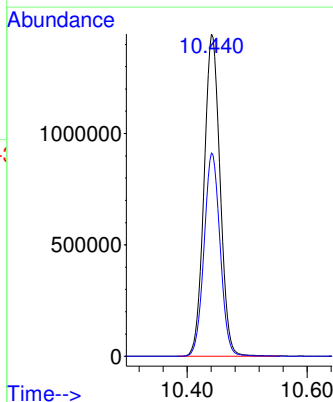
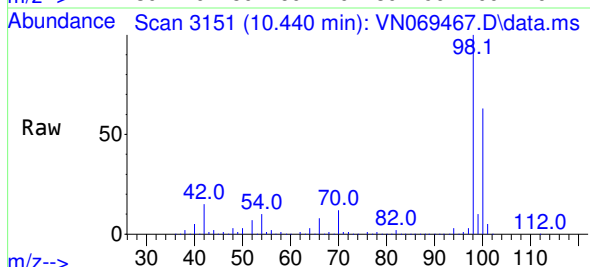
Instrument :
MSVOA_N
ClientSampleId :
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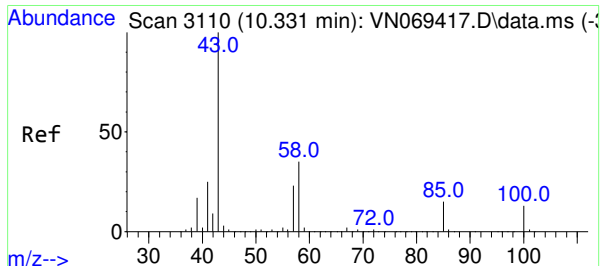
Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
43 38.4 23.4 35.2#
58 161.9 50.6 75.8#



#50
Toluene-d8
Concen: 53.97 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 98 Resp: 2694492
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6

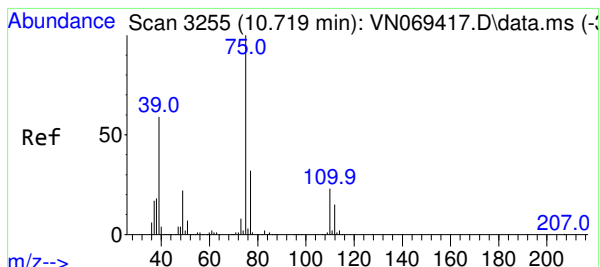
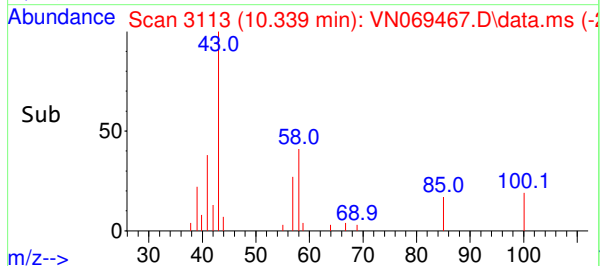
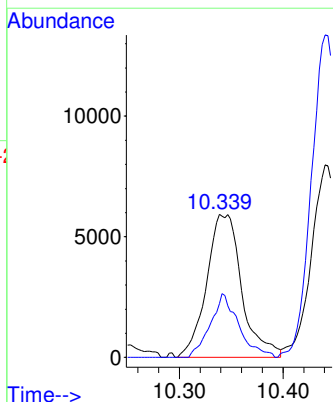
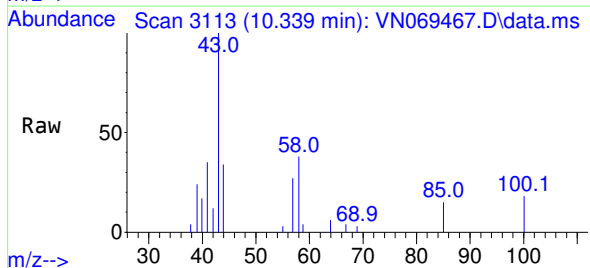




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.339 min Scan# 3110
Delta R.T. 0.008 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

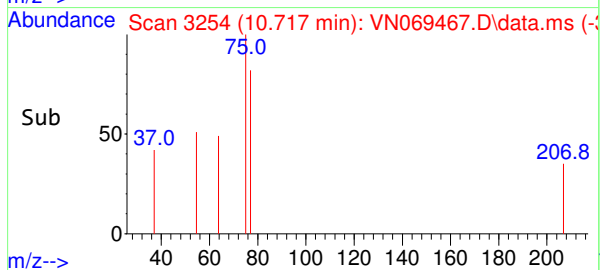
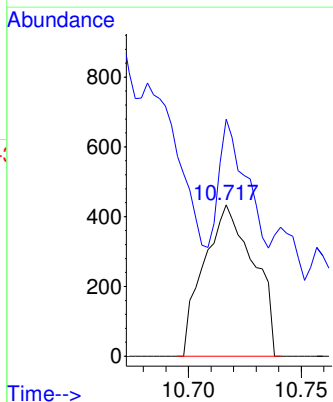
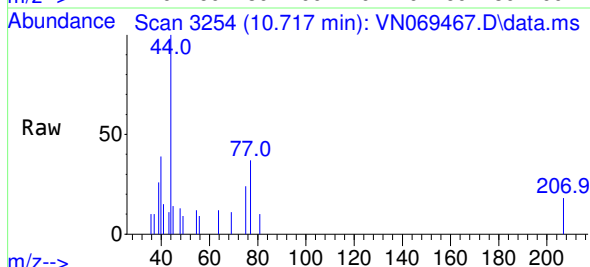
Instrument :
MSVOA_N
ClientSampleId :
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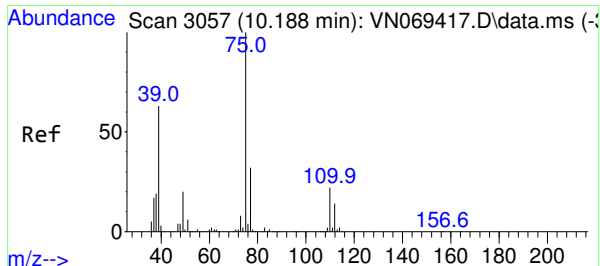
Tgt Ion: 43 Resp: 13971
Ion Ratio Lower Upper
43 100
58 36.0 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.67 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
77 71.4 25.6 38.4#

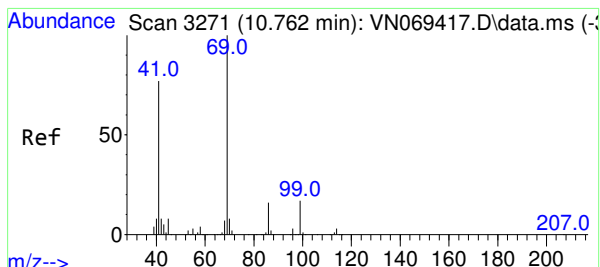
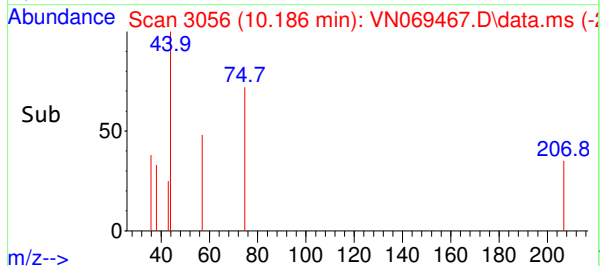
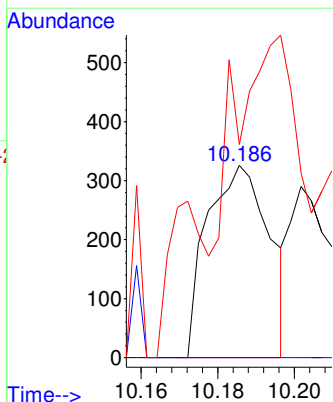
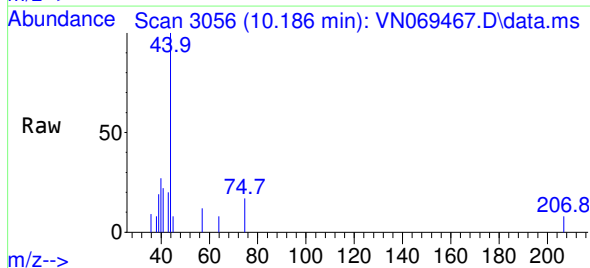




#54
cis-1,3-Dichloropropene
Concen: 1.75 ug/l
RT: 10.186 min Scan# 3
Delta R.T. -0.002 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

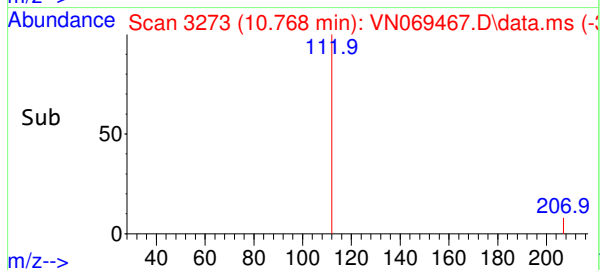
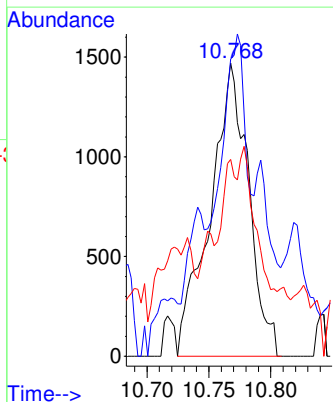
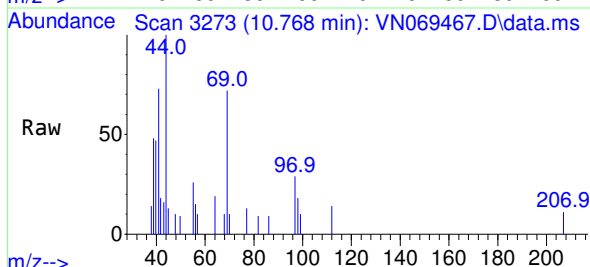
Instrument :
MSVOA_N
ClientSampleId :
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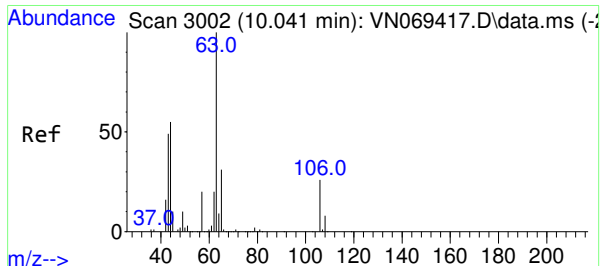
Tgt Ion:	75	Resp:	365
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
39	32.5	42.5	63.7#



#56
Ethyl methacrylate
Concen: 2.17 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:	69	Resp:	3178
Ion	Ratio	Lower	Upper
69	100		
41	30.9	51.4	77.0#
39	8.8	34.6	52.0#

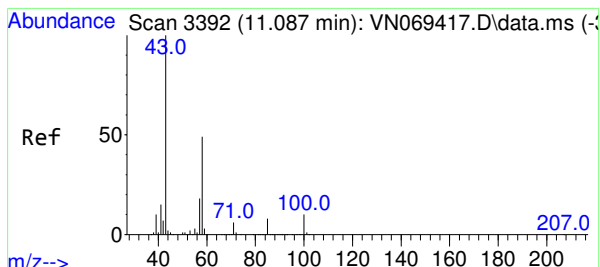
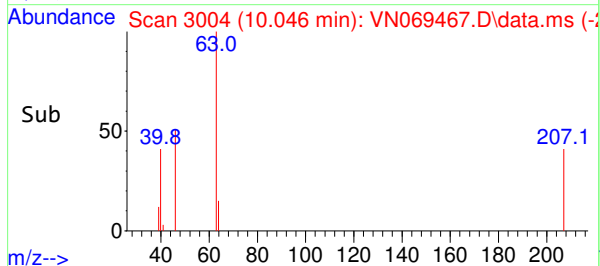
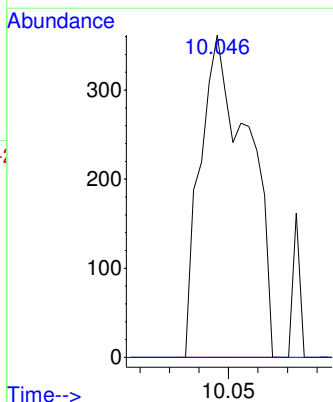
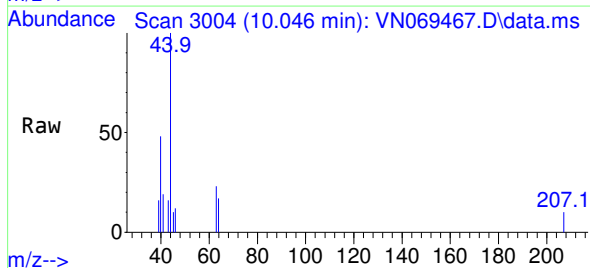




#58
2-Chloroethyl Vinyl ether
Concen: 22.83 ug/l
RT: 10.046 min Scan# 3
Delta R.T. 0.005 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

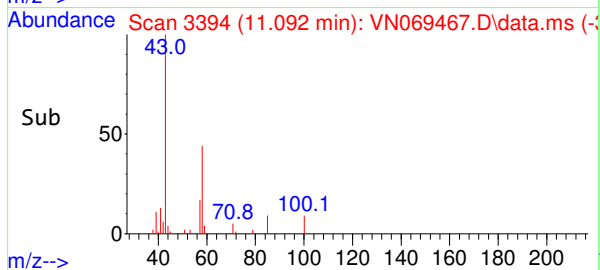
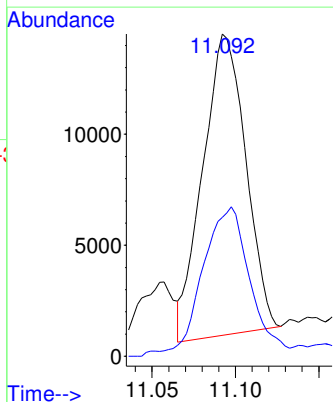
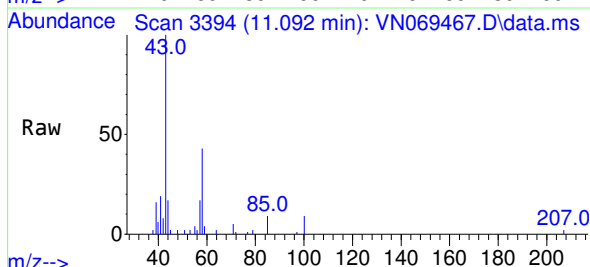
Instrument :
MSVOA_N
ClientSampleId :
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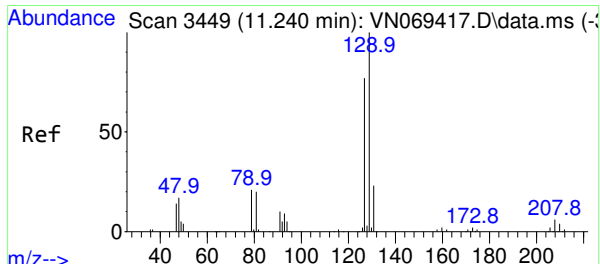
Tgt Ion: 63 Resp: 411
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 9.06 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 43 Resp: 24305
Ion Ratio Lower Upper
43 100
58 54.7 26.9 80.7

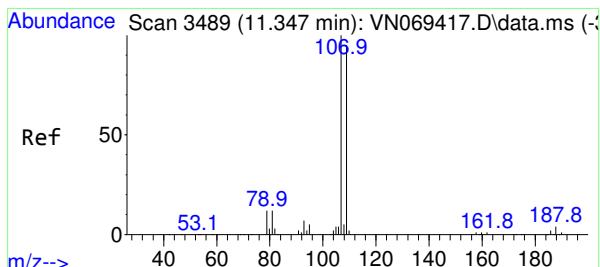
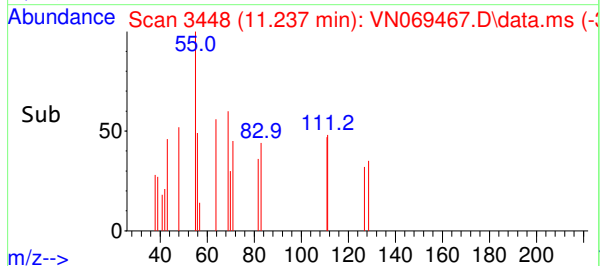
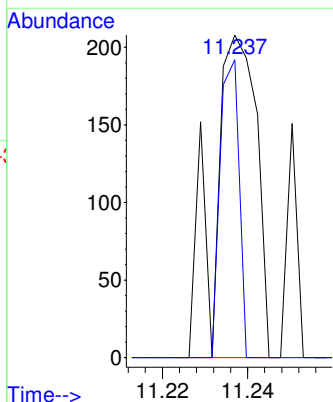
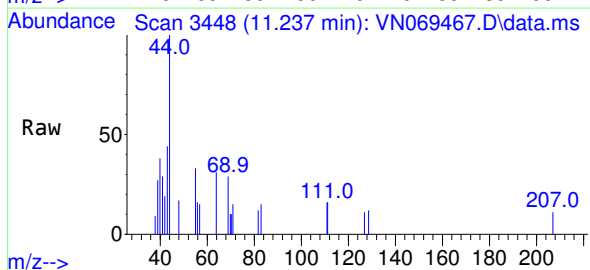




#60
Dibromochloromethane
Concen: 2.43 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

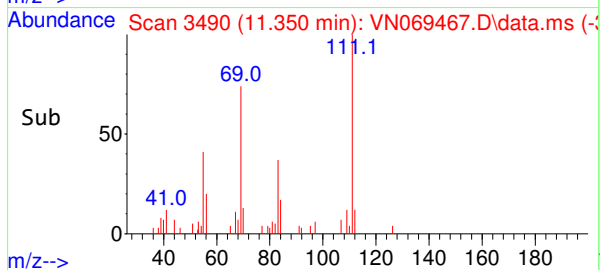
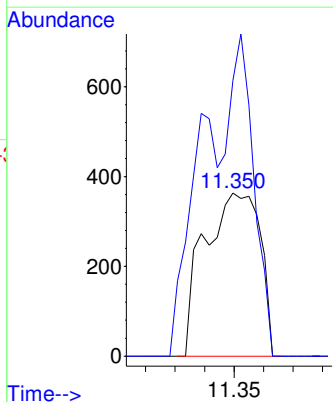
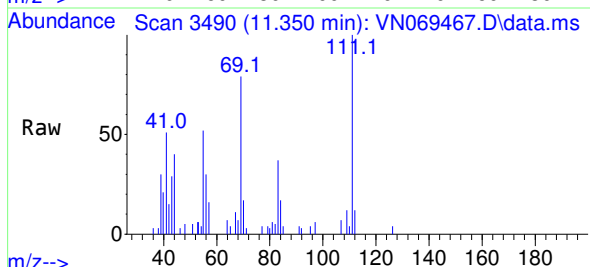
Instrument :
MSVOA_N
ClientSampleId :
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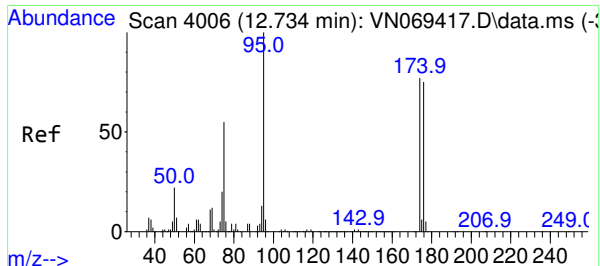
Tgt Ion:129 Resp: 144
Ion Ratio Lower Upper
129 100
127 41.0 38.6 116.0



#61
1,2-Dibromoethane
Concen: 1.10 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:107 Resp: 477
Ion Ratio Lower Upper
107 100
109 95.4 75.7 113.5

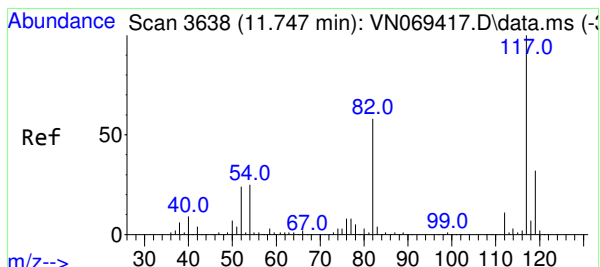
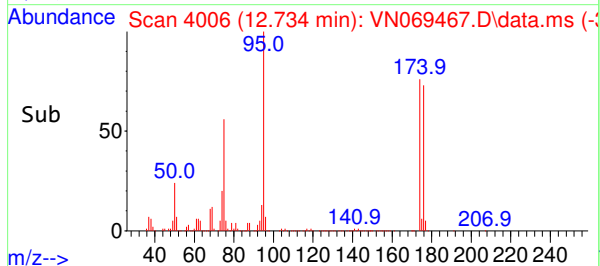
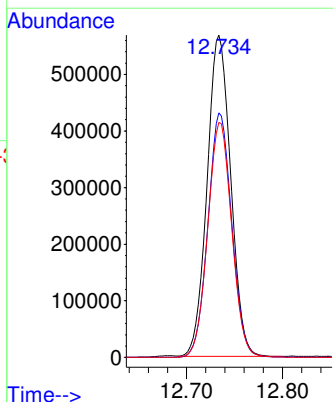
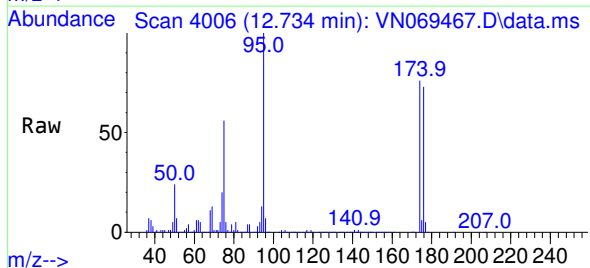




#62
4-Bromofluorobenzene
Concen: 53.25 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

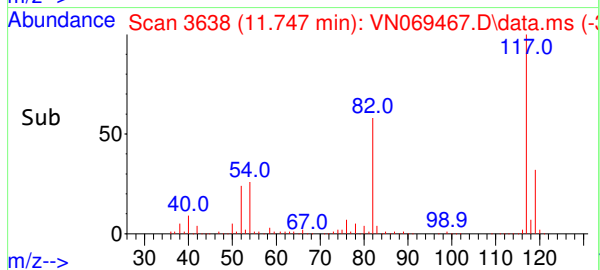
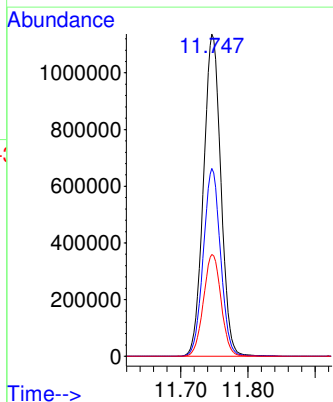
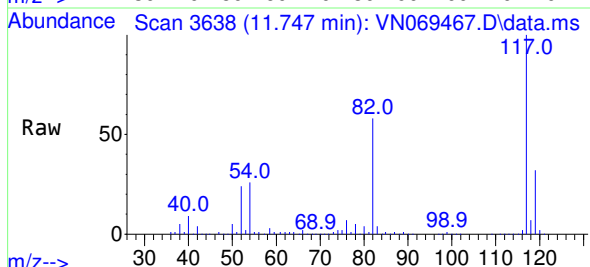
Instrument :
MSVOA_N
ClientSampleId :
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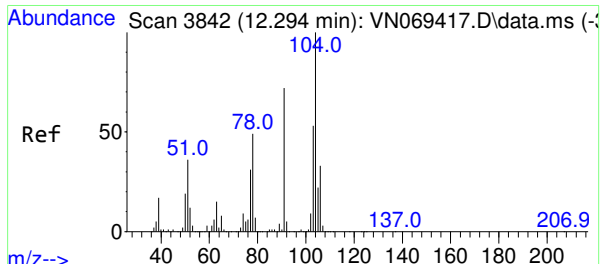
Tgt Ion:	95	Resp:	976650
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	187.2
176	74.3	0.0	181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:	117	Resp:	2038226
Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.4	63.6
119	31.6	25.4	38.2

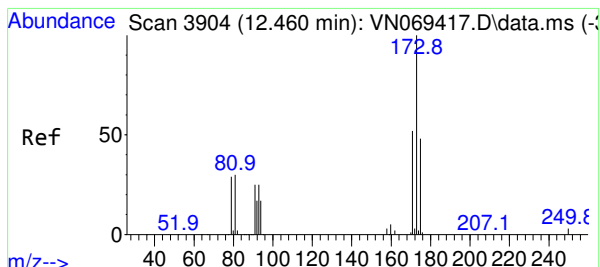
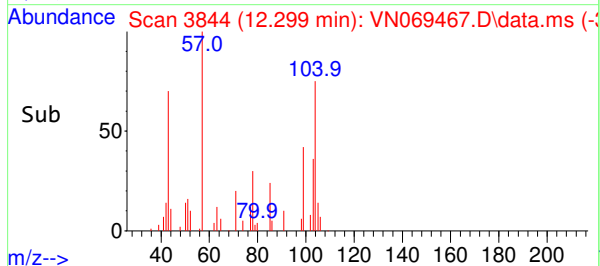
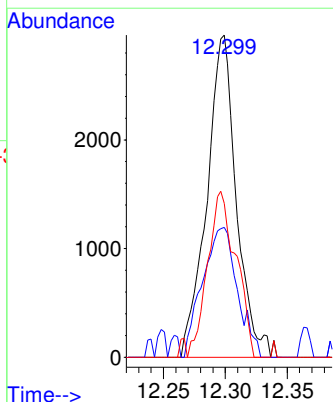
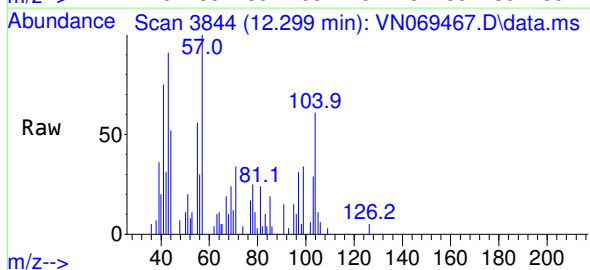




#70
Styrene
Concen: 1.62 ug/l
RT: 12.299 min Scan# 3
Delta R.T. 0.005 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

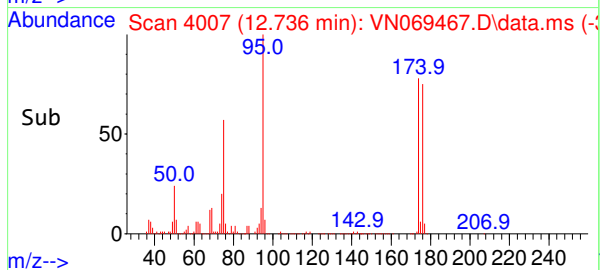
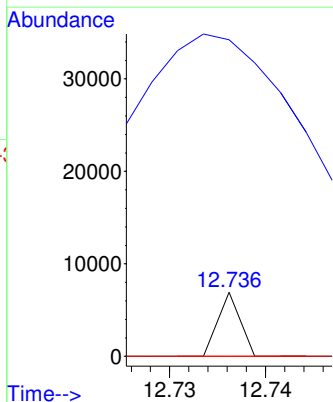
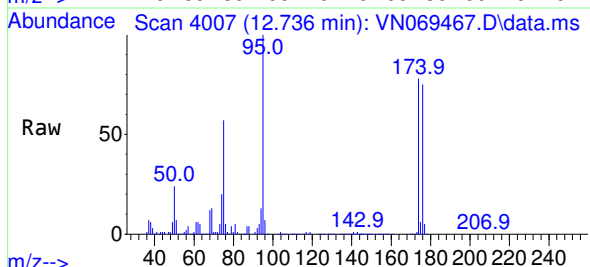
Instrument :
MSVOA_N
ClientSampleId :
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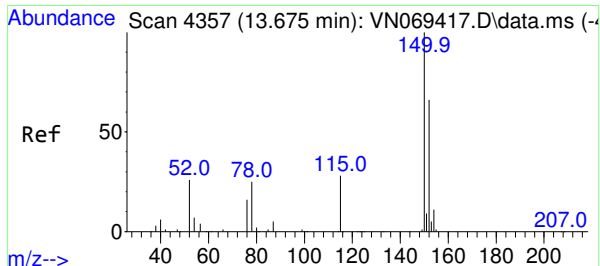
Tgt Ion:	104	Resp:	4935
Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.7	58.1
103	49.5	45.0	67.6



#71
Bromoform
Concen: 3.52 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:	173	Resp:	1113
Ion	Ratio	Lower	Upper
173	100		
175	4958.8	24.2	72.6#
254	0.0	0.0	0.0

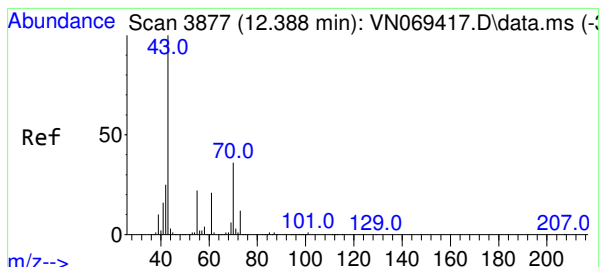
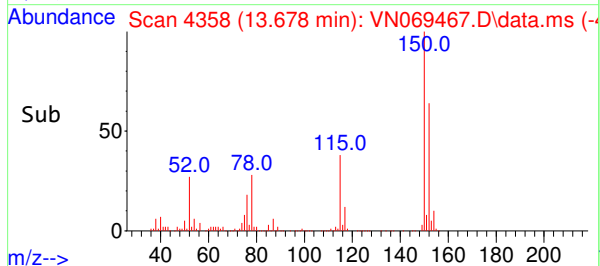
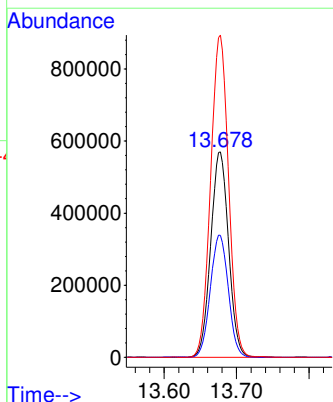
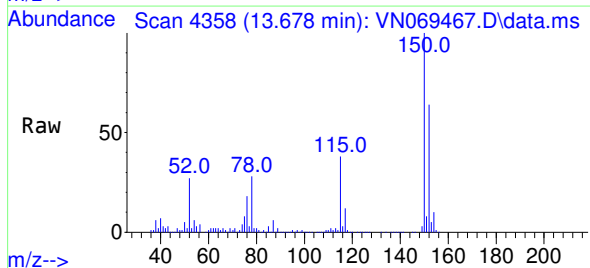




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

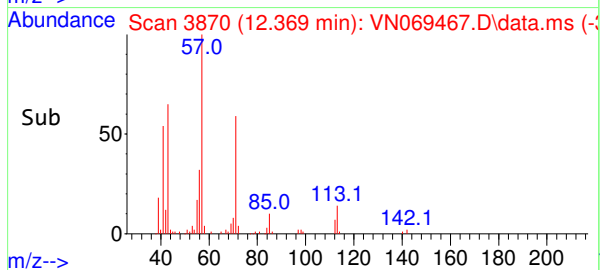
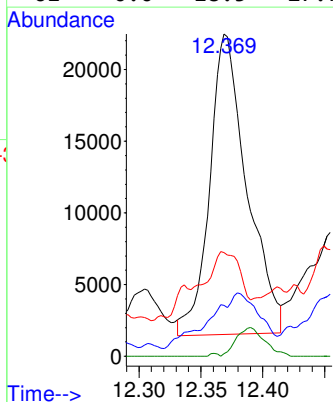
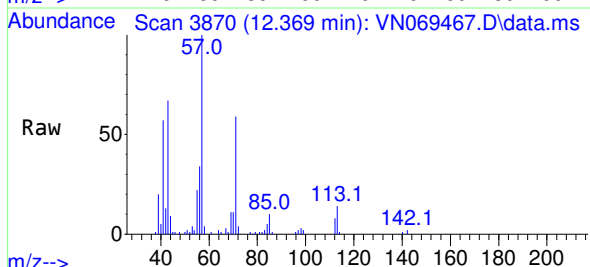
Instrument :
MSVOA_N
ClientSampleId :
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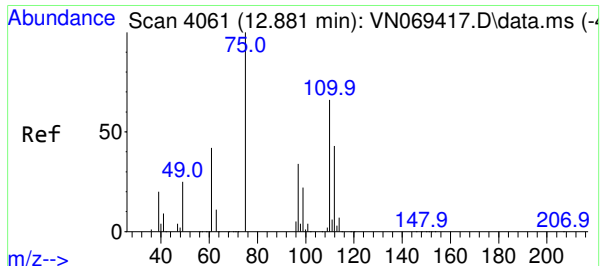
Tgt Ion:	152	Resp:	974579
Ion	Ratio	Lower	Upper
152	100		
115	59.6	27.5	82.5
150	157.2	0.0	344.4



#74
N-ethyl acetate
Concen: 1.33 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:	43	Resp:	43876
Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	12.0	19.3	28.9#
61	0.0	18.5	27.7#

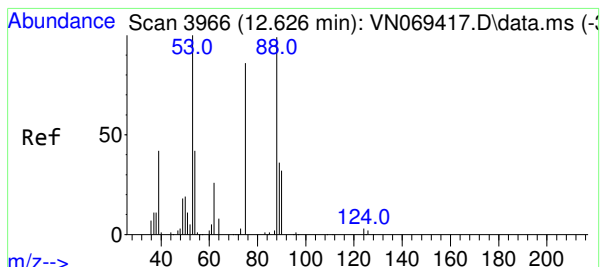
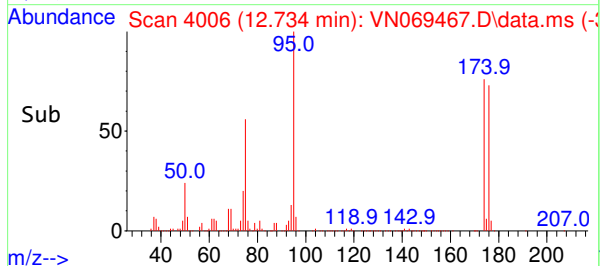
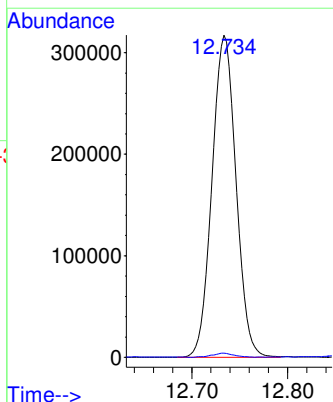
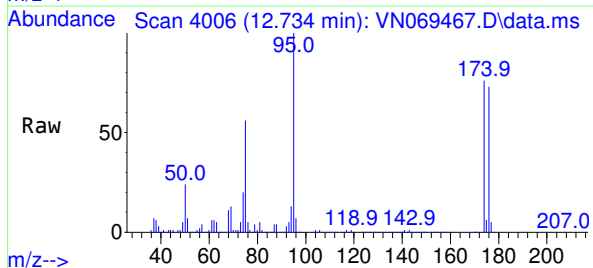




#76
1,2,3-Trichloropropane
Concen: 24.65 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

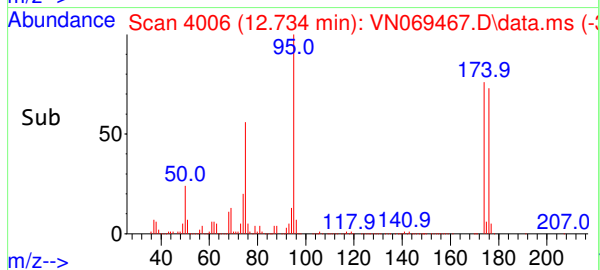
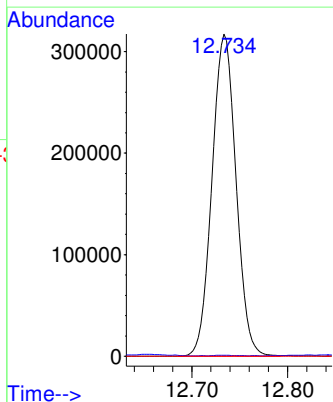
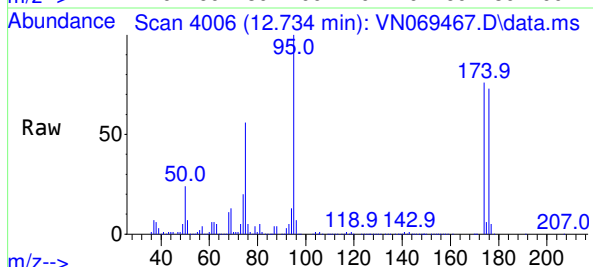
Instrument :
MSVOA_N
ClientSampleId :
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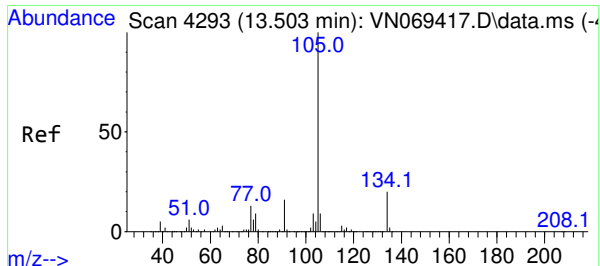
Tgt Ion: 75 Resp: 554372
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.67 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 75 Resp: 554372
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

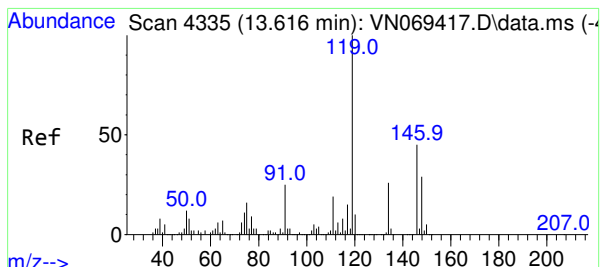
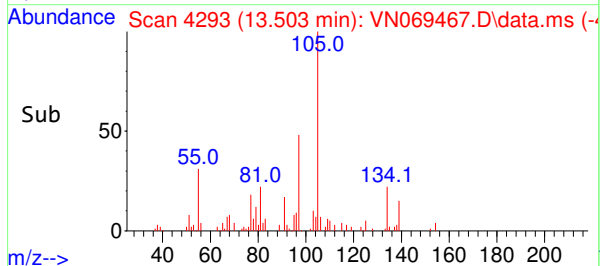
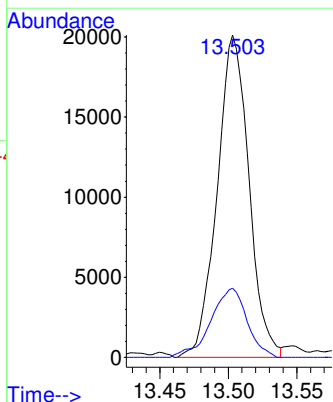
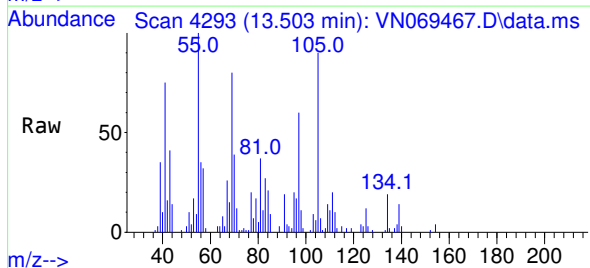




#85
 sec-Butylbenzene
 Concen: 0.42 ug/l
 RT: 13.503 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: VN069467.D
 Acq: 12 Nov 2021 14:48

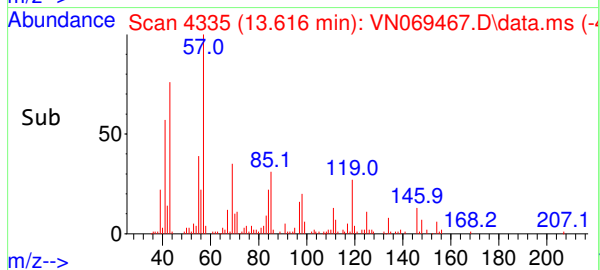
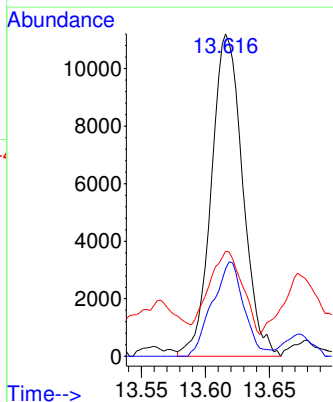
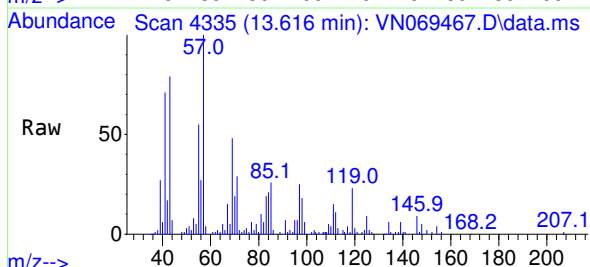
Instrument :
 MSVOA_N
 ClientSampleId :
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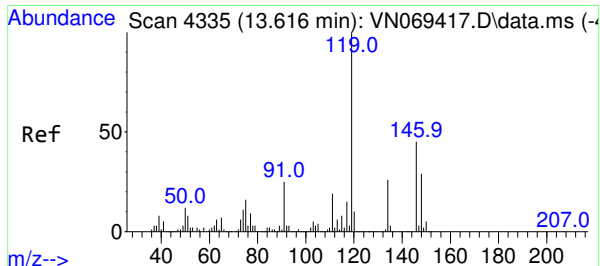
Tgt Ion:105 Resp: 32516
 Ion Ratio Lower Upper
 105 100
 134 24.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.31 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069467.D
 Acq: 12 Nov 2021 14:48

Tgt Ion:119 Resp: 19064
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.6 40.7
 91 27.3 11.4 34.1

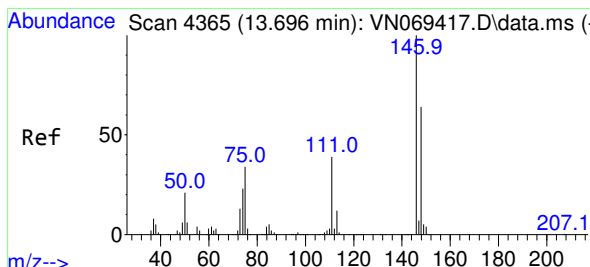
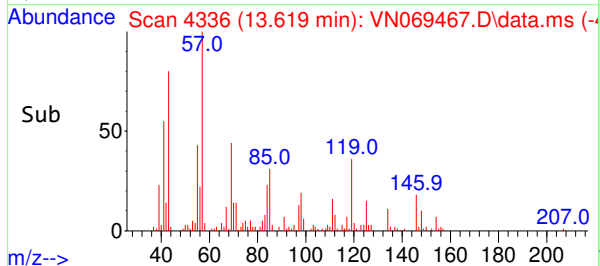
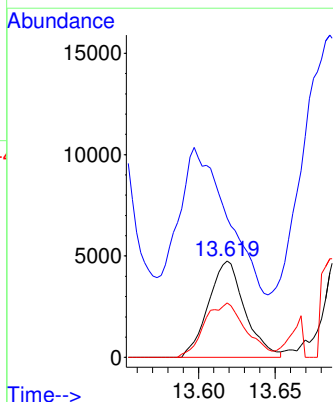
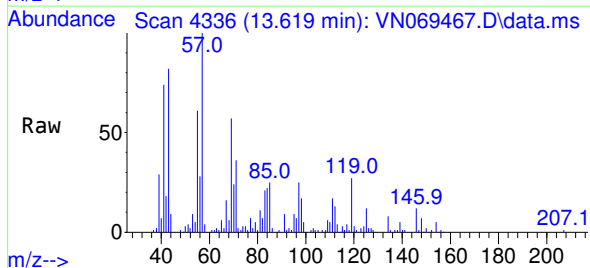




#87
1,3-Dichlorobenzene
Concen: 0.25 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

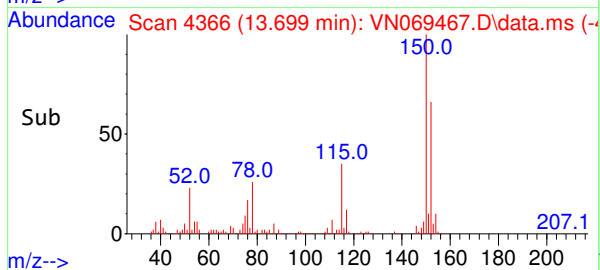
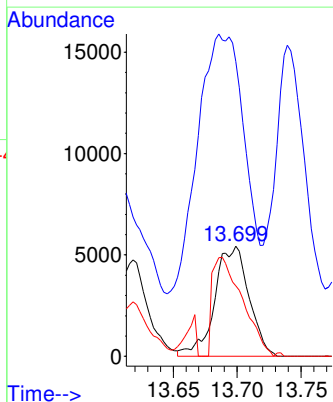
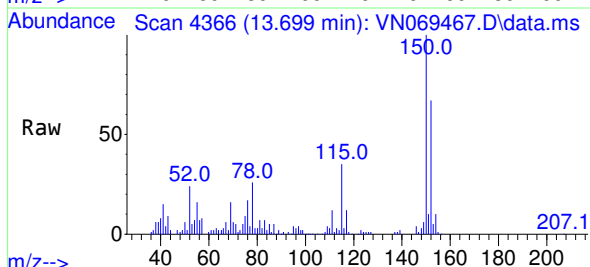
Instrument :
MSVOA_N
ClientSampleId :
S-1

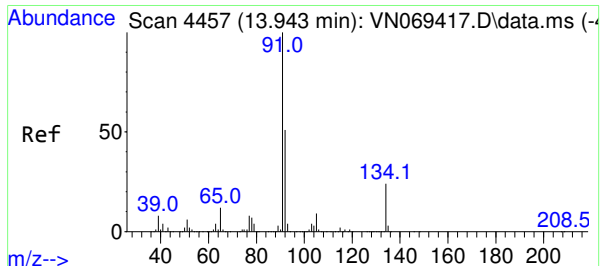
Tgt Ion:146 Resp: 7845
Ion Ratio Lower Upper
146 100
111 0.0 18.6 55.6#
148 64.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.34 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:146 Resp: 10112
Ion Ratio Lower Upper
146 100
111 317.4 18.3 54.8#
148 79.1 31.8 95.4

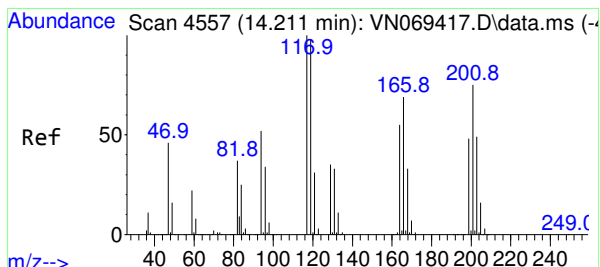
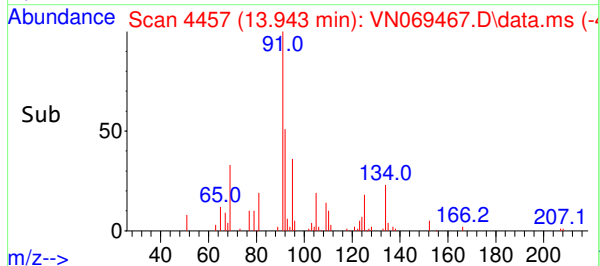
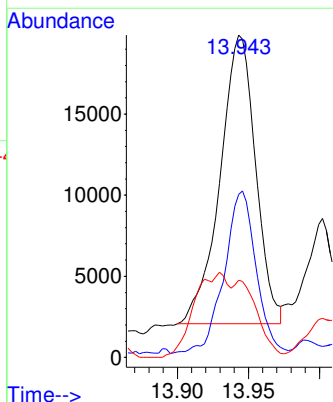
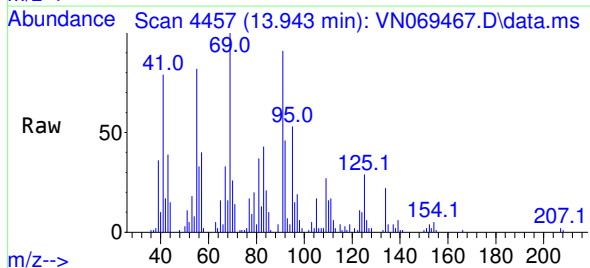




#89
n-Butylbenzene
Concen: 0.61 ug/l
RT: 13.943 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

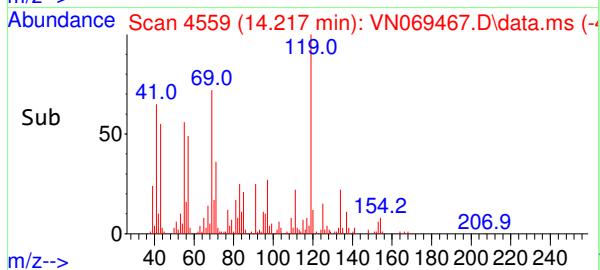
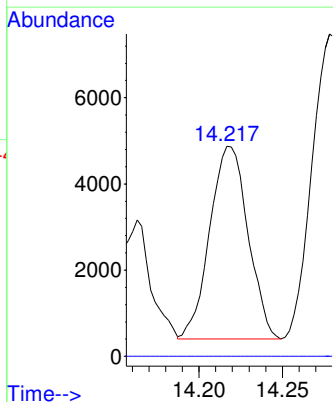
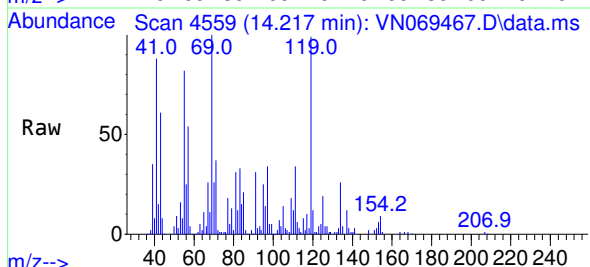
Instrument :
MSVOA_N
ClientSampleId :
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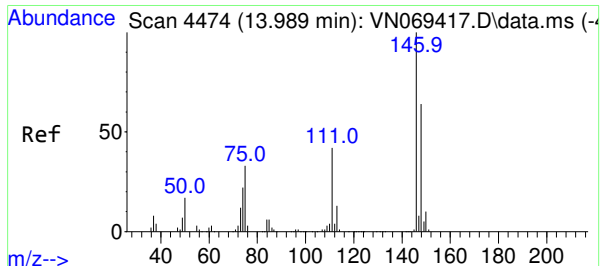
Tgt Ion:	91	Resp:	30964
Ion	Ratio	Lower	Upper
91	100		
92	49.7	25.4	76.0
134	29.1	13.6	40.8



#90
Hexachloroethane
Concen: 2.77 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:	117	Resp:	7106
Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.9	131.6#

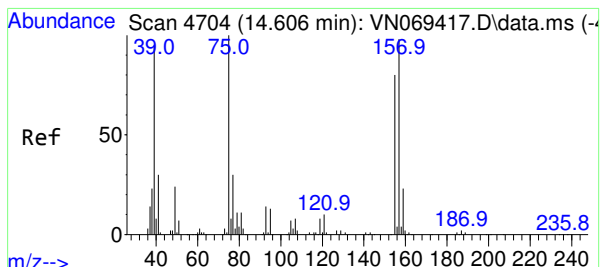
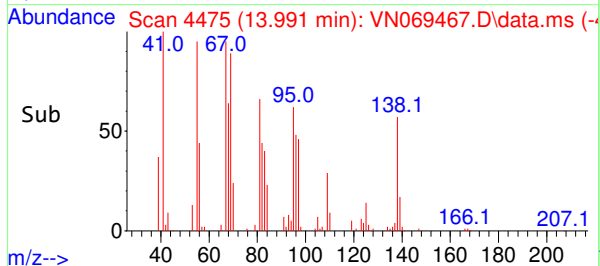
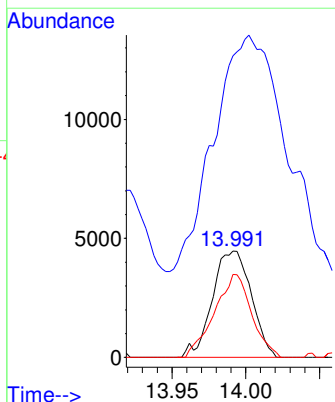
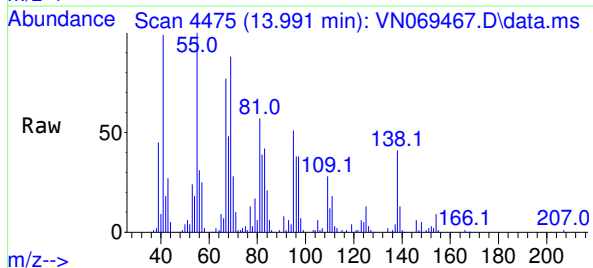




#91
1,2-Dichlorobenzene
Concen: 0.28 ug/l
RT: 13.991 min Scan# 4
Delta R.T. 0.002 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

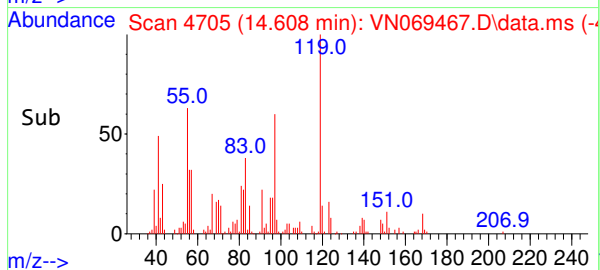
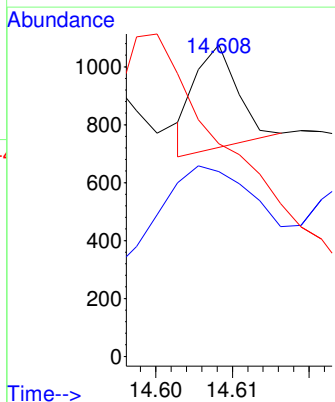
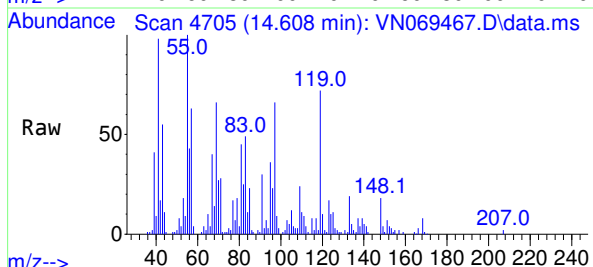
Instrument :
MSVOA_N
ClientSampleId :
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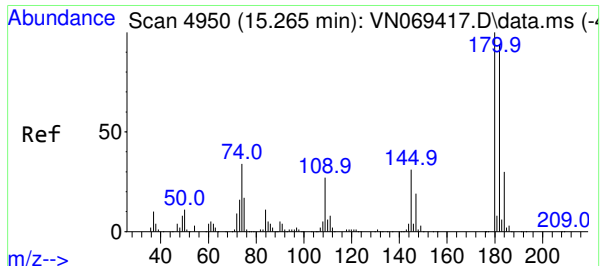
Tgt Ion:146 Resp: 8197
Ion Ratio Lower Upper
146 100
111 408.1 19.1 57.3#
148 74.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.82 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.002 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 75 Resp: 141
Ion Ratio Lower Upper
75 100
155 767.4 46.9 140.7#
157 1182.3 60.6 181.7#

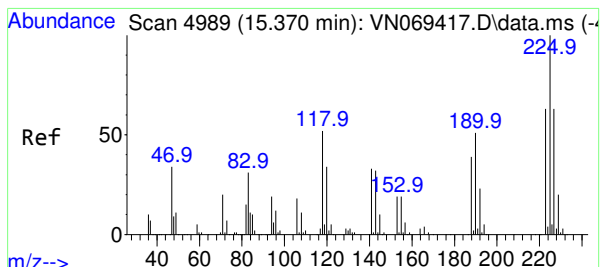
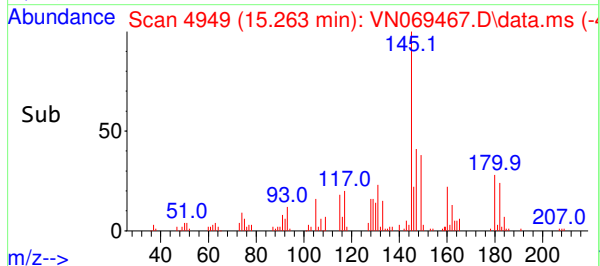
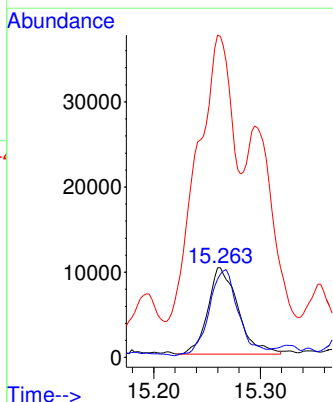
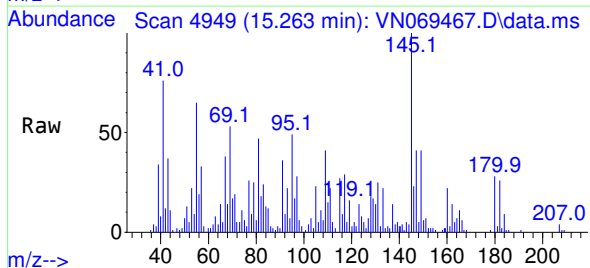




#93
1,2,4-Trichlorobenzene
Concen: 4.34 ug/l
RT: 15.263 min Scan# 4
Delta R.T. -0.002 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

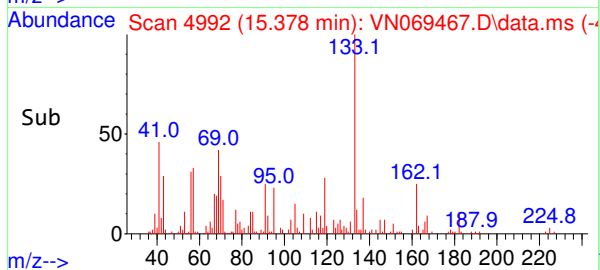
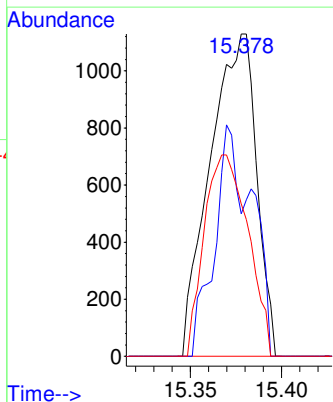
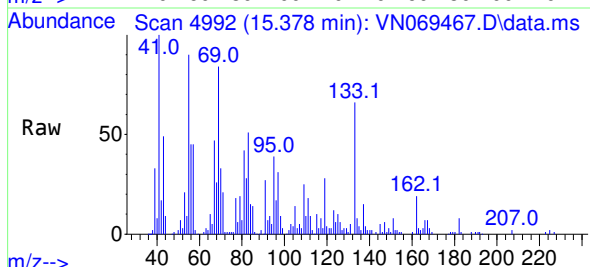
Instrument :
MSVOA_N
ClientSampleId :
S-1

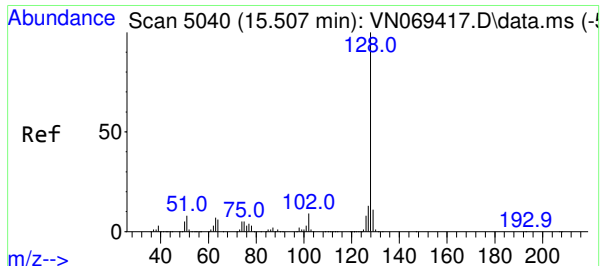
Tgt Ion:180 Resp: 20105
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.9
145 395.7 14.5 43.5#



#94
Hexachlorobutadiene
Concen: 0.26 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.008 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:225 Resp: 1995
Ion Ratio Lower Upper
225 100
223 37.8 31.9 95.7
227 58.9 32.1 96.3

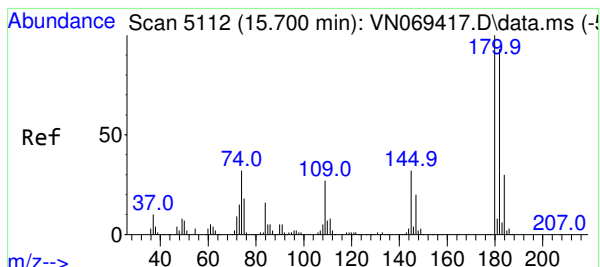
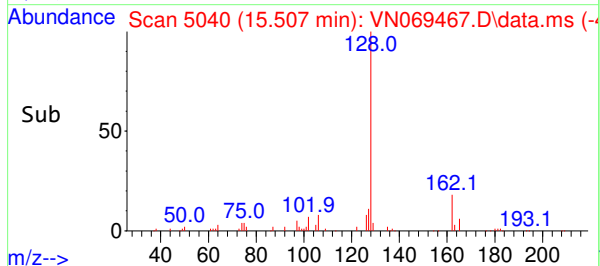
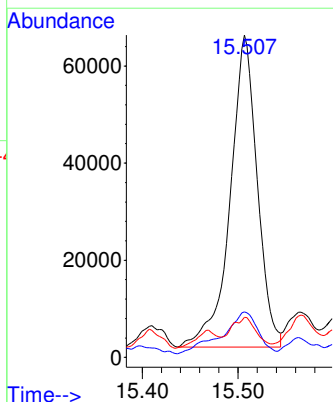
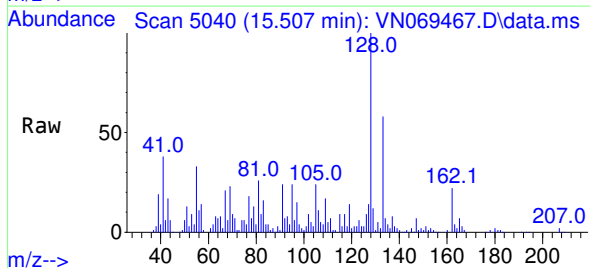




#95
Naphthalene
Concen: 7.11 ug/l
RT: 15.507 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 126287
Ion Ratio Lower Upper
128 100
127 17.8 10.5 15.7#
129 6.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 4.69 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069467.D
Acq: 12 Nov 2021 14:48

Tgt Ion:180 Resp: 23737
Ion Ratio Lower Upper
180 100
182 89.1 47.4 142.2
145 396.8 15.0 45.1#

