

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069847.D
 Acq On : 8 Dec 2021 6:14
 Operator : JC/MD
 Sample : M4953-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A377

Quant Time: Dec 08 06:41:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1256019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2252714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2362269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	882597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	958628	49.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.86%
35) Dibromofluoromethane	8.021	113	661139	46.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.70%
50) Toluene-d8	10.440	98	2896094	51.12	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.24%
62) 4-Bromofluorobenzene	12.731	95	1089190	53.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.12%

Target Compounds						Qvalue
3) Chloromethane	2.306	50	4155	0.23	ug/l #	88
5) Bromomethane	2.882	94	5879	0.64	ug/l	96
10) Methyl Iodide	4.435	142	6140	0.36	ug/l #	48
13) Acrolein	4.052	56	2724	0.87	ug/l	88
15) Acrylonitrile	5.567	53	8727	0.88	ug/l #	91
16) Acetone	4.293	43	40478	3.47	ug/l #	88
17) Carbon Disulfide	4.532	76	15641	0.51	ug/l #	94
25) 2-Butanone	7.348	43	17435	1.10	ug/l #	85
30) Chloroform	7.817	83	72435	2.63	ug/l	93
31) Cyclohexane	8.088	56	33957	1.26	ug/l #	37
36) 1,1-Dichloropropene	8.086	75	105956	4.94	ug/l #	49
37) Ethyl Acetate	7.348	43	17435	0.55	ug/l #	71
38) Carbon Tetrachloride	8.086	117	130190	6.19	ug/l #	16
44) Trichloroethene	9.217	130	4894	0.31	ug/l	98
47) Bromodichloromethane	9.759	83	10984	0.50	ug/l	99
49) 1,4-Dioxane	9.577	88	1821	4.60	ug/l #	39
51) 4-Methyl-2-Pentanone	10.333	43	21964	0.72	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	1526	2.85	ug/l #	86
54) cis-1,3-Dichloropropene	10.191	75	1380	2.05	ug/l #	81
56) Ethyl methacrylate	10.759	69	4103	2.41	ug/l #	78
58) 2-Chloroethyl Vinyl ether	10.067	63	456	18.44	ug/l #	45
59) 2-Hexanone	11.089	43	41558	1.79	ug/l	90
60) Dibromochloromethane	11.240	129	3784	2.58	ug/l	95
68) m/p-Xylenes	11.953	106	7761	0.24	ug/l	79
71) Bromoform	12.452	173	671	2.77	ug/l #	29
74) N-amyl acetate	12.393	43	19615	0.56	ug/l #	89
76) 1,2,3-Trichloropropane	12.731	75	607032	23.98	ug/l #	1
77) Bromobenzene	12.865	156	4948	0.27	ug/l	77
78) n-propylbenzene	12.918	91	20412	0.23	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.731	75	607032	76.18	ug/l #	5
82) 4-Chlorotoluene	13.106	91	18042	0.35	ug/l	89
84) 1,2,4-Trimethylbenzene	13.366	105	14422	0.24	ug/l	100
86) p-Isopropyltoluene	13.616	119	15054	0.25	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	12753	0.42	ug/l	91
88) 1,4-Dichlorobenzene	13.616	146	12753	0.43	ug/l	91
89) n-Butylbenzene	13.946	91	27426	0.57	ug/l	96

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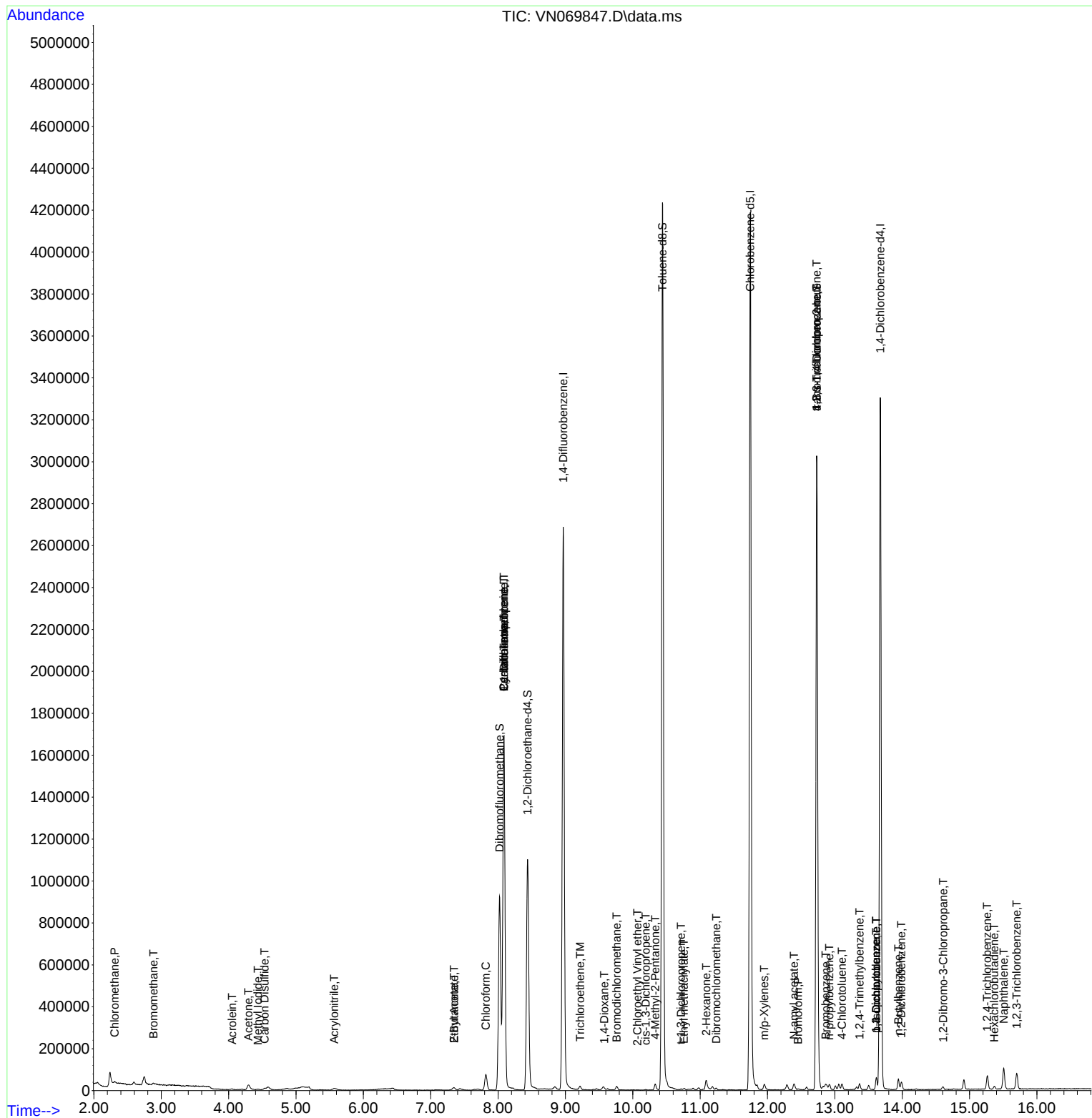
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.986	146	14057	0.48	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	3498	0.71	ug/l	67
93) 1,2,4-Trichlorobenzene	15.262	180	21160	4.26	ug/l	96
94) Hexachlorobutadiene	15.364	225	2994	0.38	ug/l	74
95) Naphthalene	15.507	128	92167	5.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	26634	4.23	ug/l	98

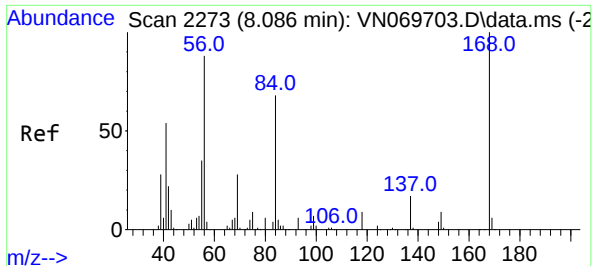
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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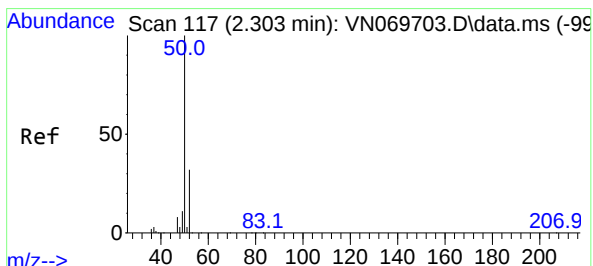
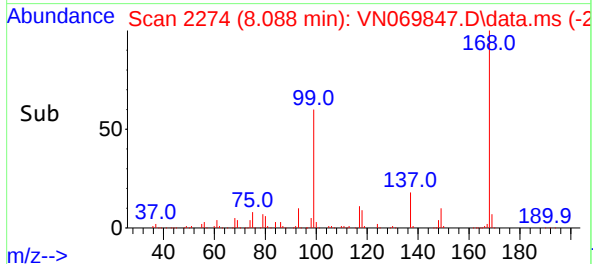
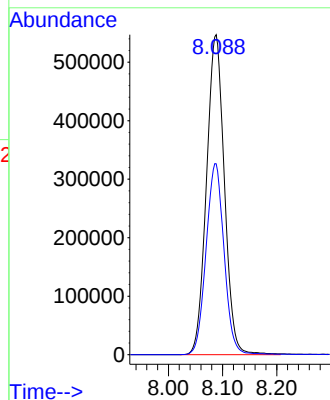
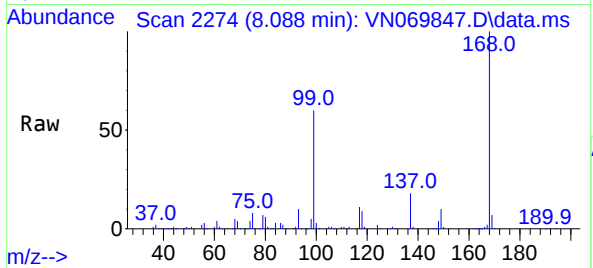




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

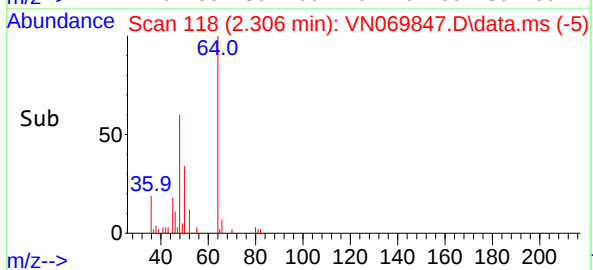
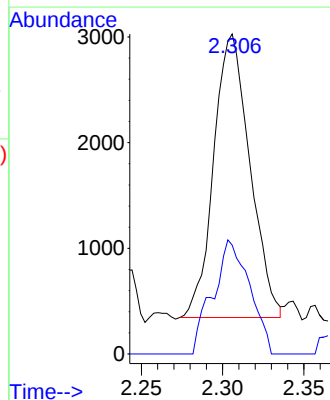
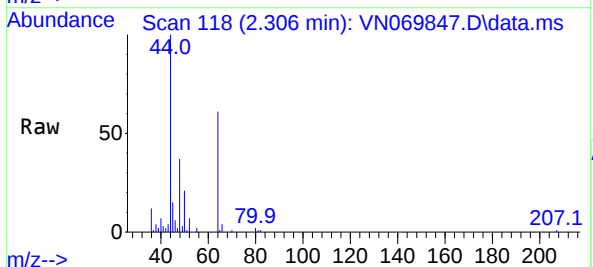
Instrument :
MSVOA_N
ClientSampleId :
A377

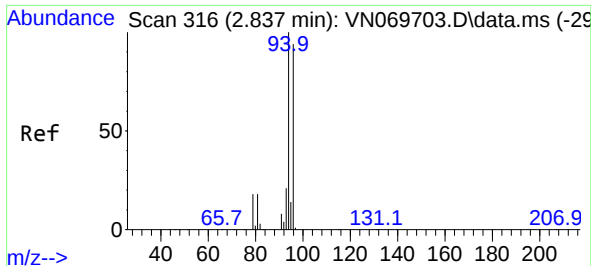
Tgt Ion:168 Resp: 1256019
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 50 Resp: 4155
Ion Ratio Lower Upper
50 100
52 38.4 25.4 38.0#

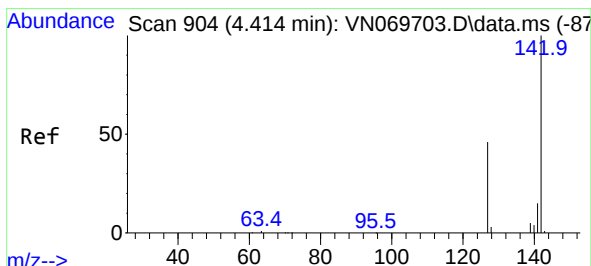
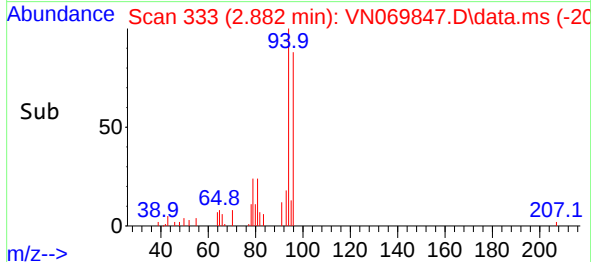
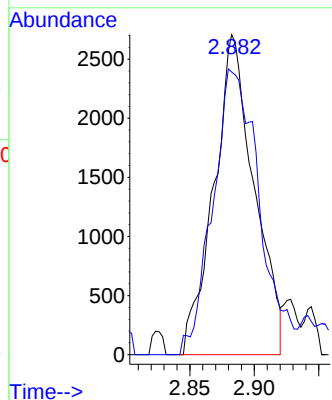
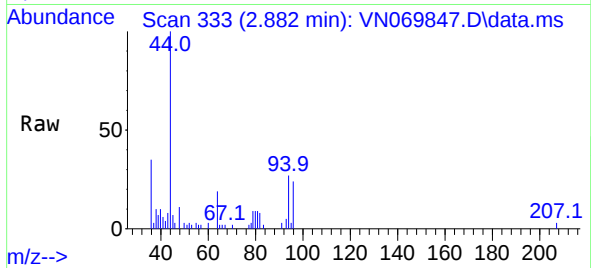




#5
Bromomethane
Concen: 0.64 ug/l
RT: 2.882 min Scan# 31
Delta R.T. 0.046 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

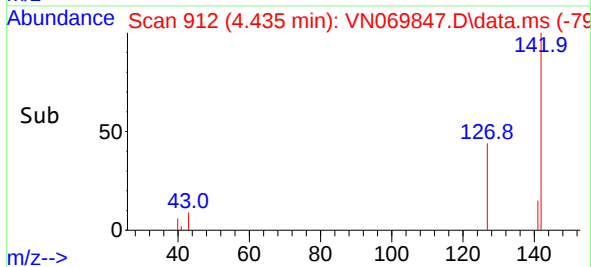
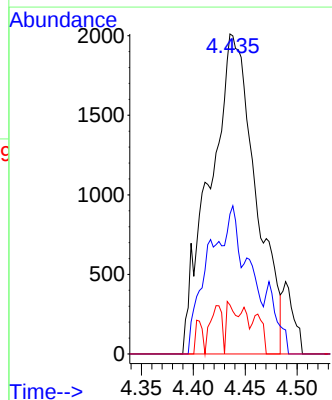
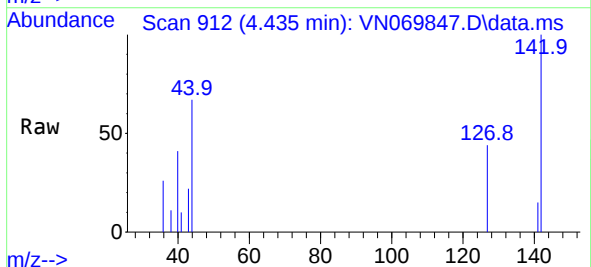
Instrument :
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ClientSampleId :
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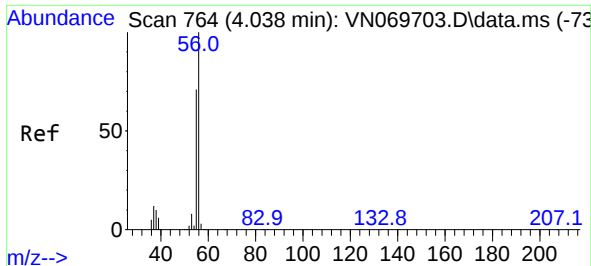
Tgt Ion: 94 Resp: 5879
Ion Ratio Lower Upper
94 100
96 88.3 73.8 110.8



#10
Methyl Iodide
Concen: 0.36 ug/l
RT: 4.435 min Scan# 912
Delta R.T. 0.021 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 142 Resp: 6140
Ion Ratio Lower Upper
142 100
127 4.9 35.4 53.0#
141 3.6 11.6 17.4#

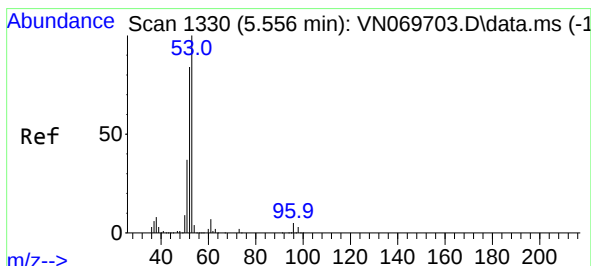
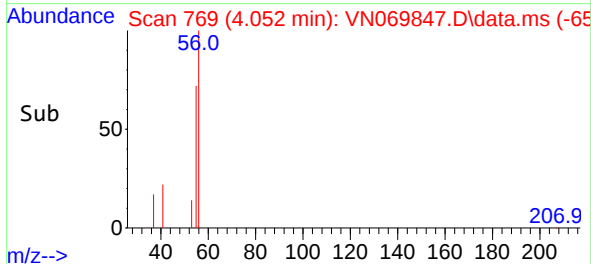
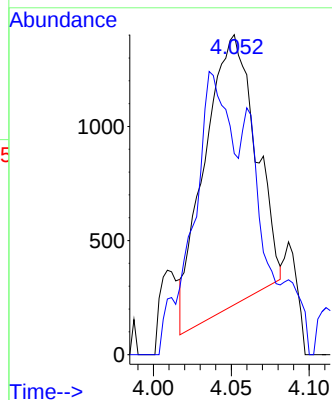
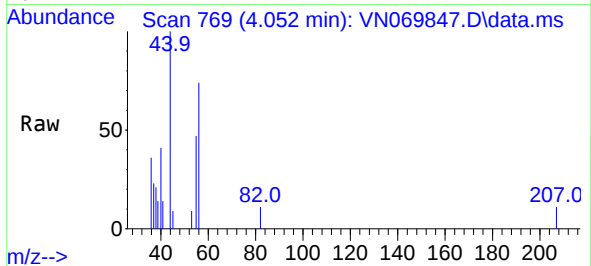




#13
Acrolein
Concen: 0.87 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.013 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

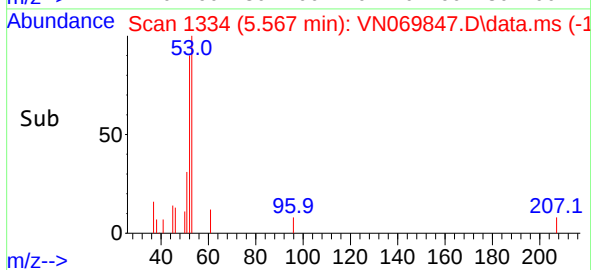
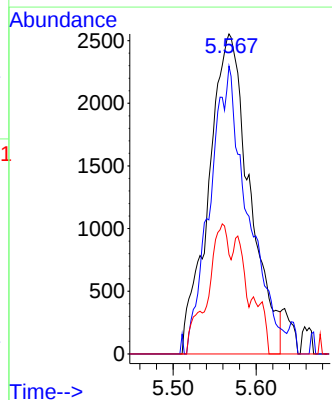
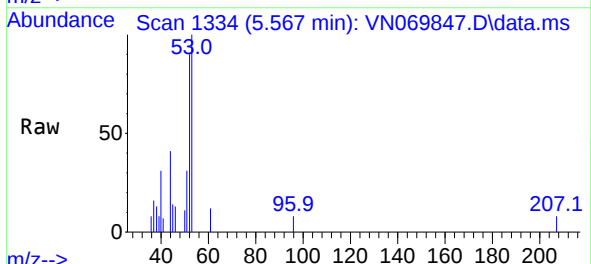
Instrument :
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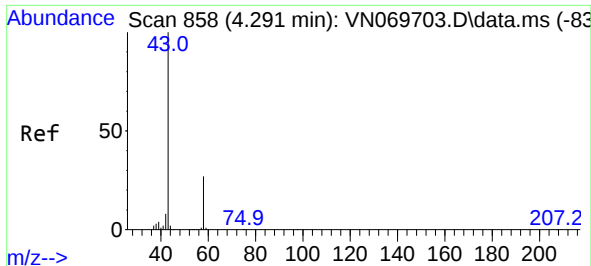
Tgt Ion: 56 Resp: 2724
Ion Ratio Lower Upper
56 100
55 80.7 56.6 85.0



#15
Acrylonitrile
Concen: 0.88 ug/l
RT: 5.567 min Scan# 1334
Delta R.T. 0.011 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 53 Resp: 8727
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 22.1 29.6 44.4#

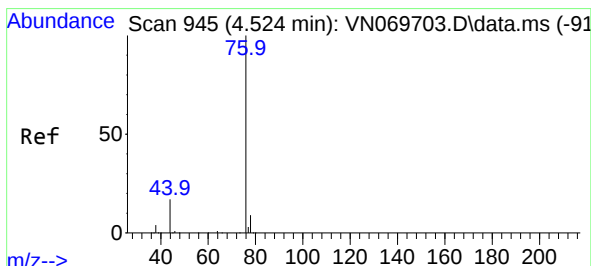
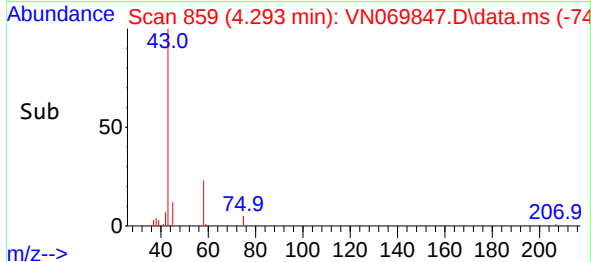
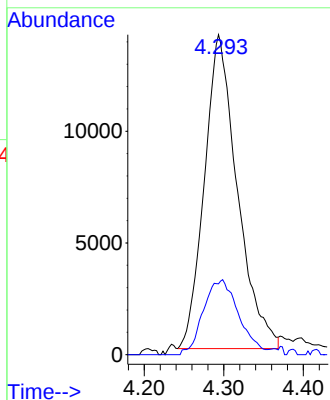
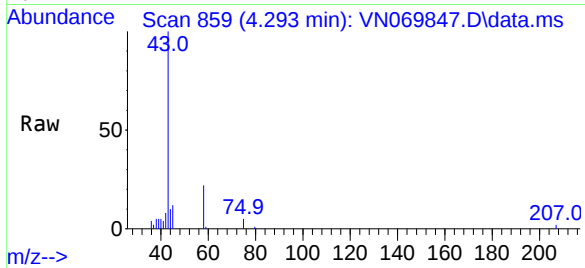




#16
Acetone
Concen: 3.47 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

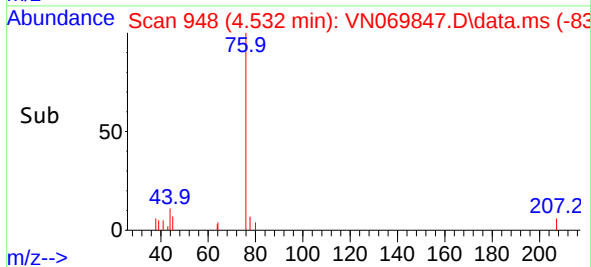
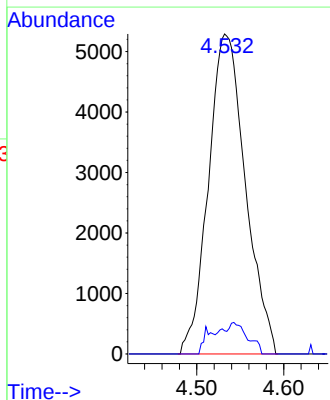
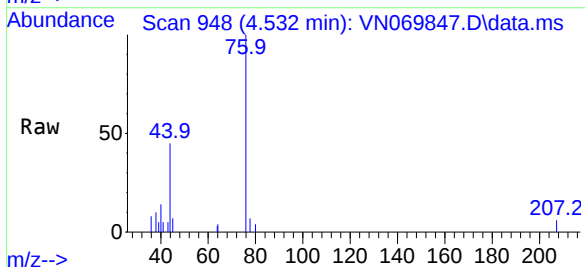
Instrument :
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ClientSampleId :
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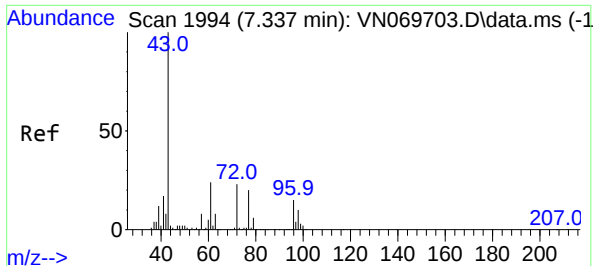
Tgt Ion: 43 Resp: 40478
Ion Ratio Lower Upper
43 100
58 22.6 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.51 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 76 Resp: 15641
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#

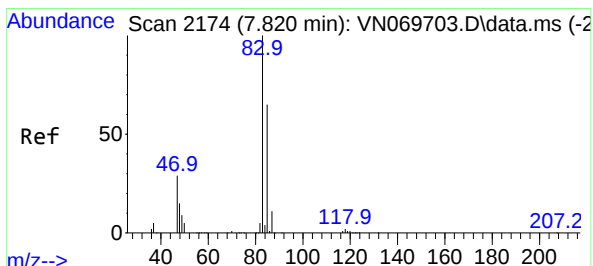
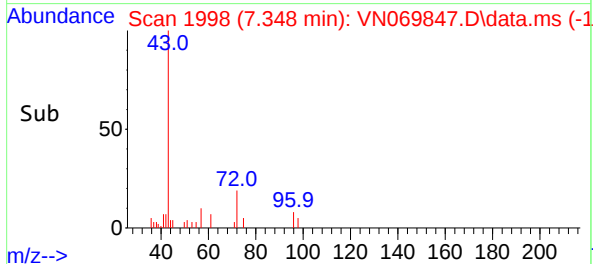
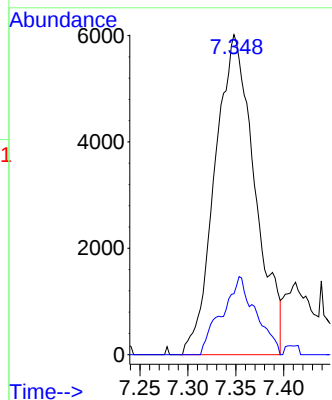
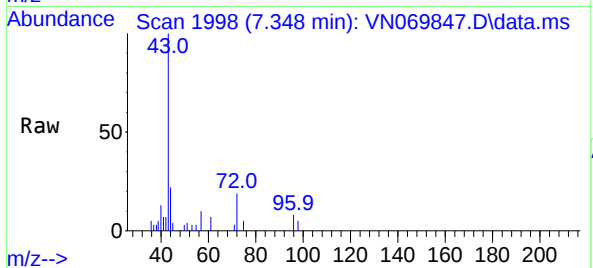




#25
2-Butanone
Concen: 1.10 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

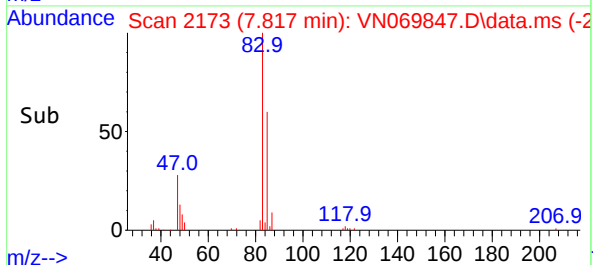
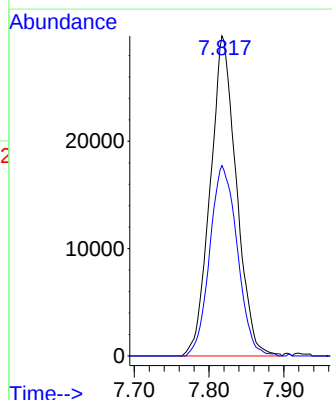
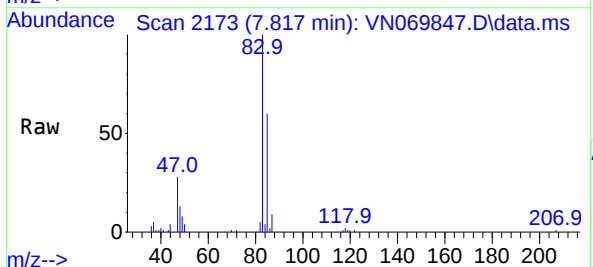
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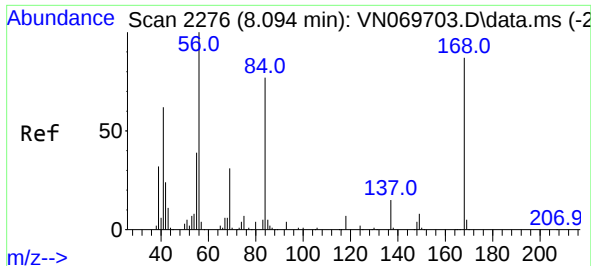
Tgt Ion: 43 Resp: 17435
Ion Ratio Lower Upper
43 100
72 19.1 21.7 32.5#



#30
Chloroform
Concen: 2.63 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

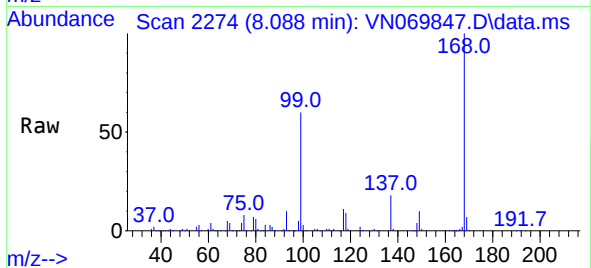
Tgt Ion: 83 Resp: 72435
Ion Ratio Lower Upper
83 100
85 59.5 51.9 77.9



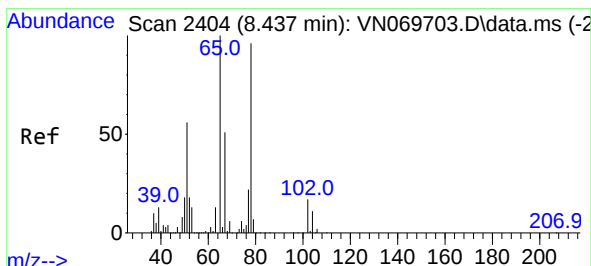
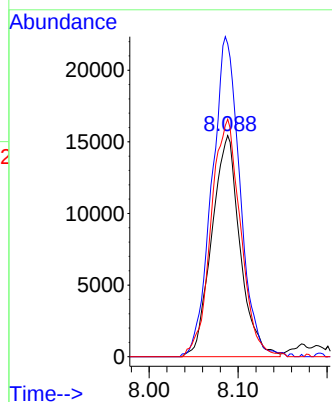
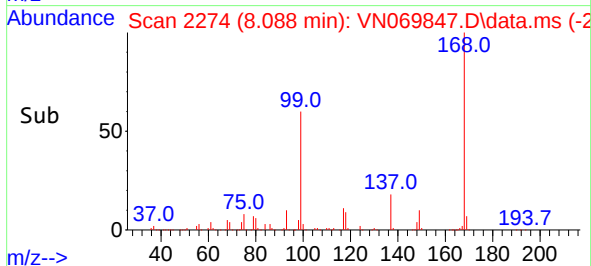


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Instrument :
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A377

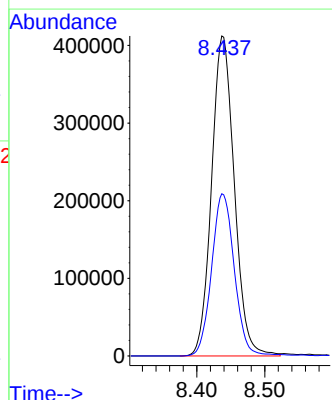
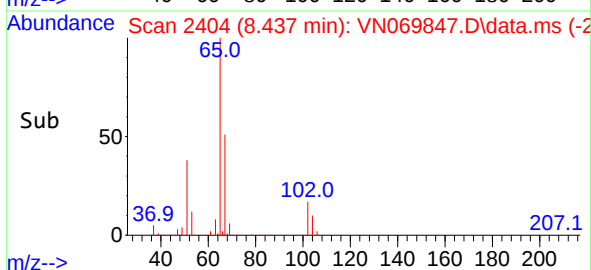
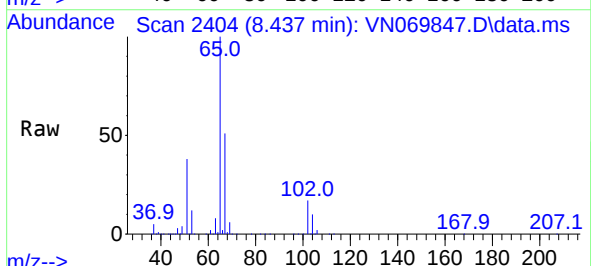


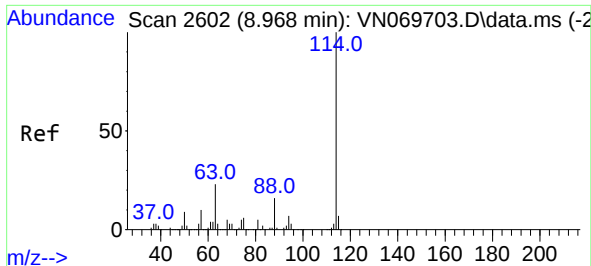
Tgt Ion: 56 Resp: 33957
Ion Ratio Lower Upper
56 100
69 141.4 27.1 40.7#
84 107.3 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 49.43 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

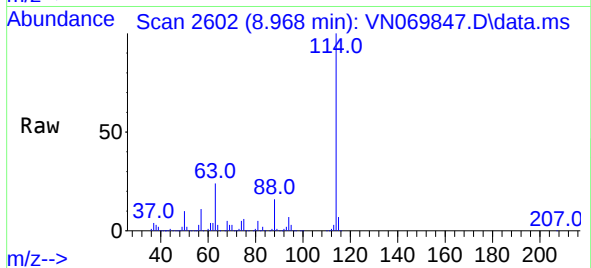
Tgt Ion: 65 Resp: 958628
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





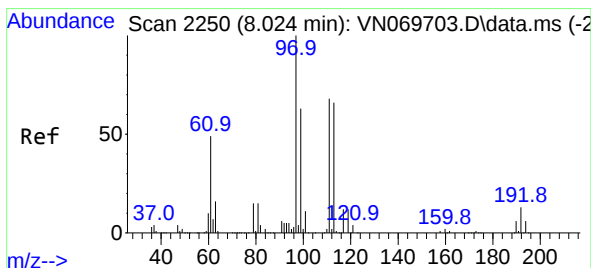
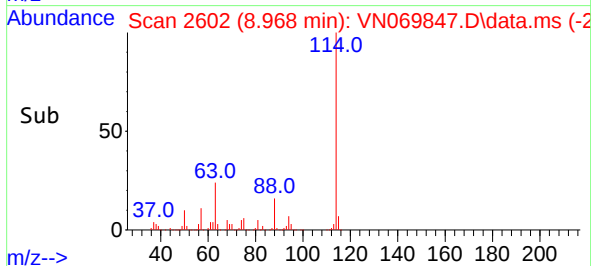
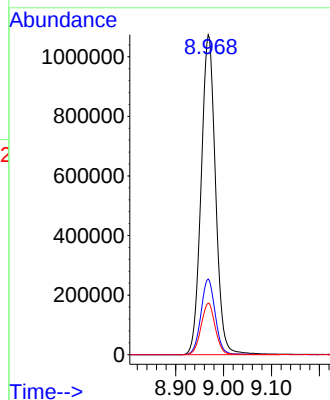
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Instrument :
MSVOA_N
ClientSampleId :
A377



Tgt Ion:114 Resp: 2252714

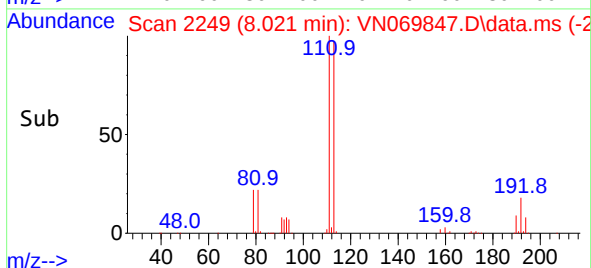
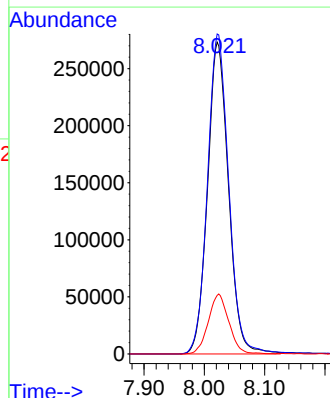
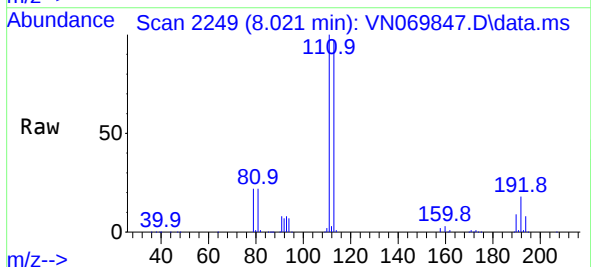
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	37.8
88	16.1	0.0	27.4

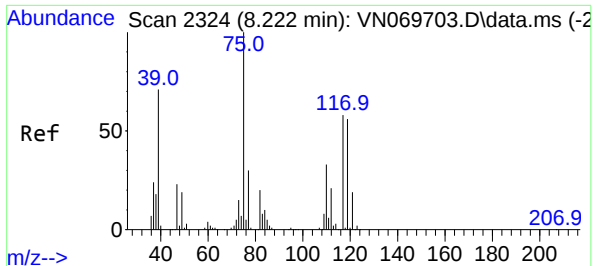


#35
Dibromofluoromethane
Concen: 46.85 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:113 Resp: 661139

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.2
192	18.8	16.9	25.3

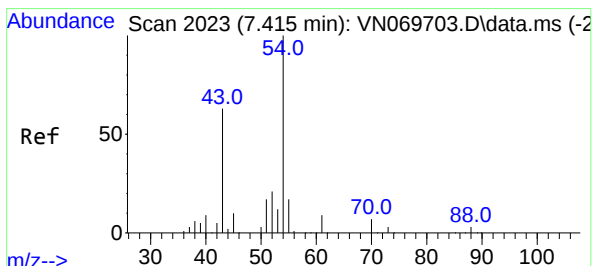
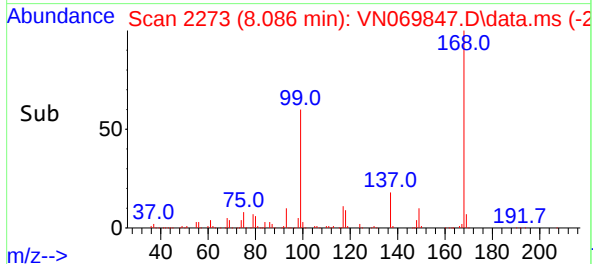
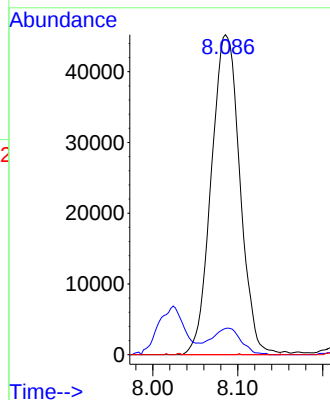
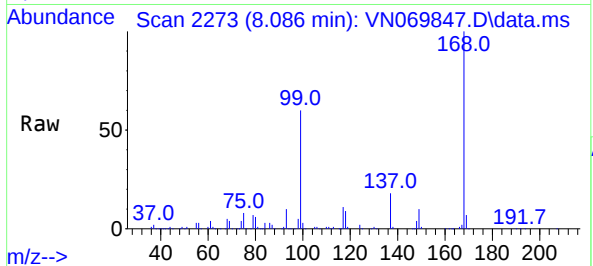




#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

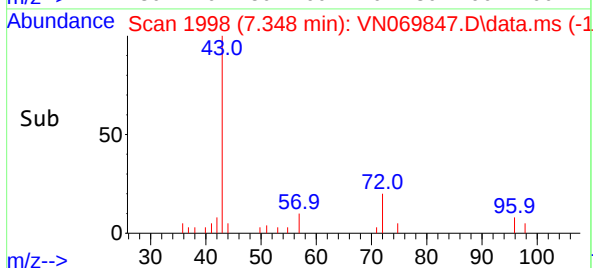
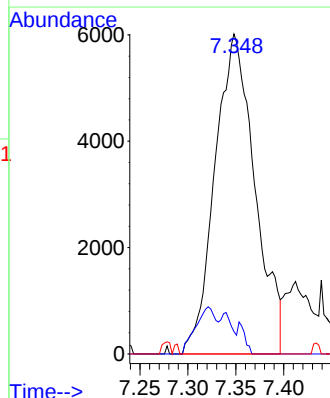
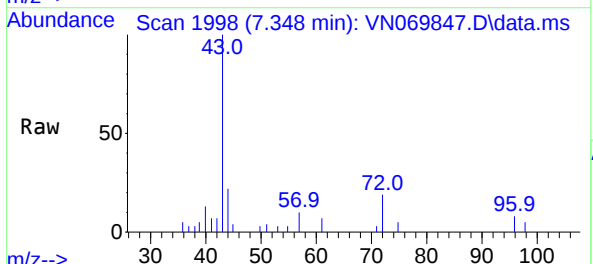
Instrument :
MSVOA_N
ClientSampleId :
A377

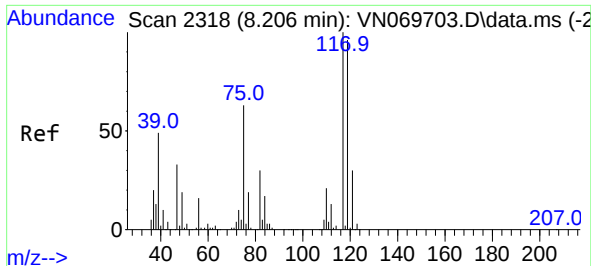
Tgt Ion: 75 Resp: 105956
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.55 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. -0.067 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

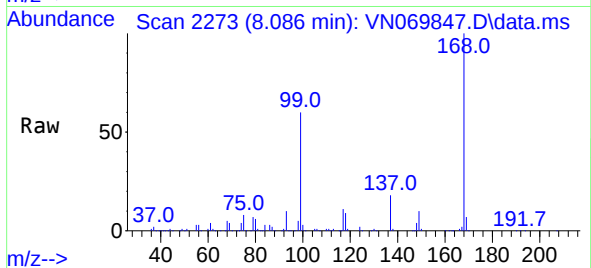
Tgt Ion: 43 Resp: 17435
Ion Ratio Lower Upper
43 100
61 1.7 11.5 17.3#
70 0.0 7.9 11.9#



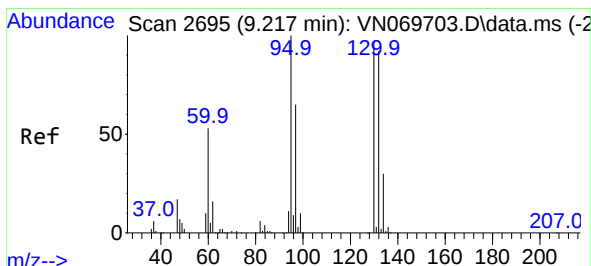
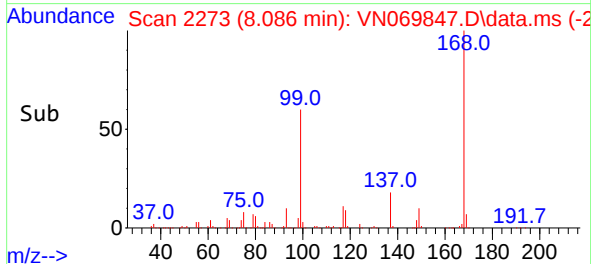
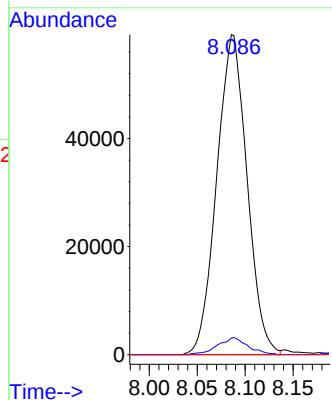


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.121 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Instrument :
MSVOA_N
ClientSampleId :
A377

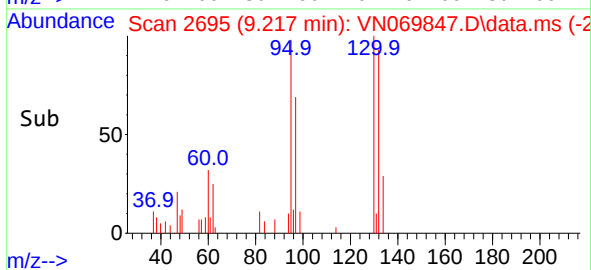
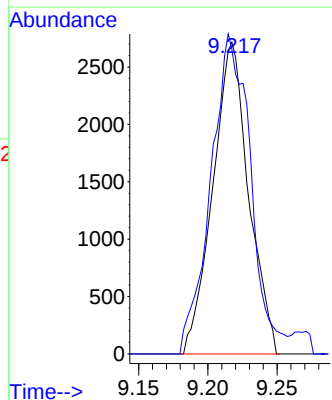
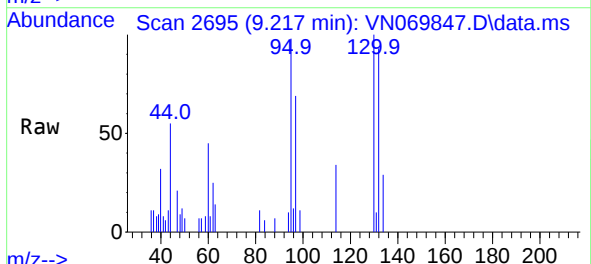


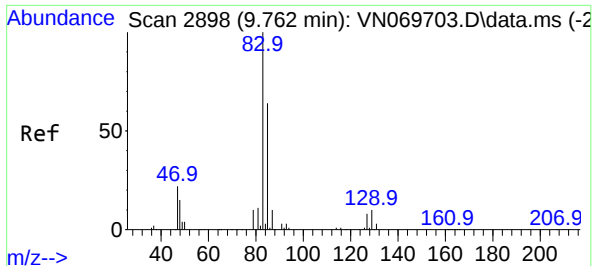
Tgt Ion:117 Resp: 130190
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.31 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:130 Resp: 4894
Ion Ratio Lower Upper
130 100
95 97.8 0.0 191.2





#47

Bromodichloromethane

Concen: 0.50 ug/l

RT: 9.759 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069847.D

Acq: 8 Dec 2021 6:14

Instrument :

MSVOA_N

ClientSampleId :

A377

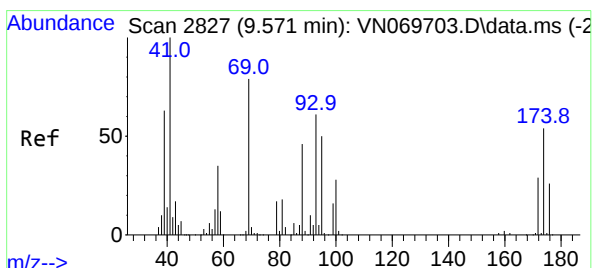
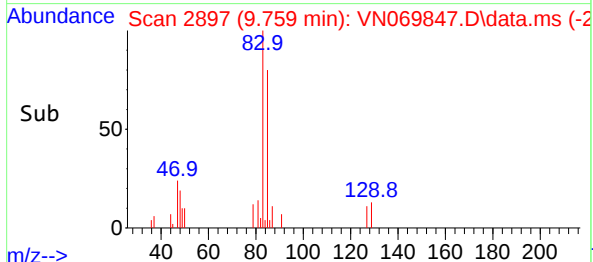
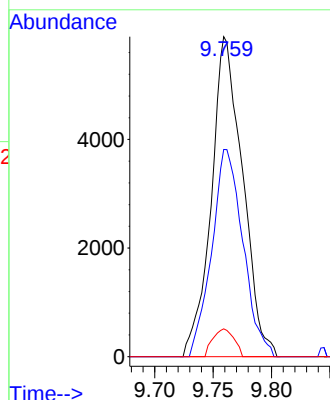
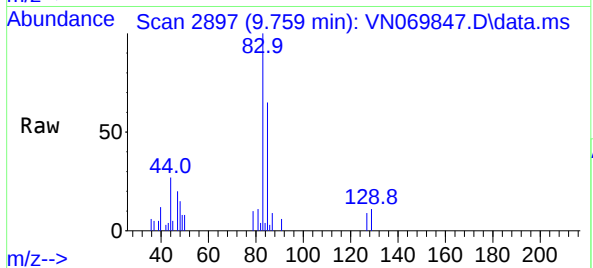
Tgt Ion: 83 Resp: 10984

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

127 8.7 7.1 10.7



#49

1,4-Dioxane

Concen: 4.60 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.005 min

Lab File: VN069847.D

Acq: 8 Dec 2021 6:14

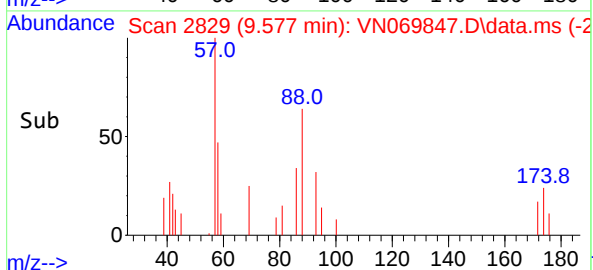
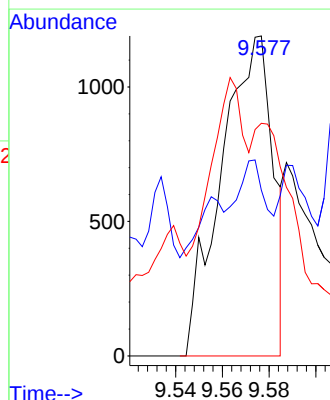
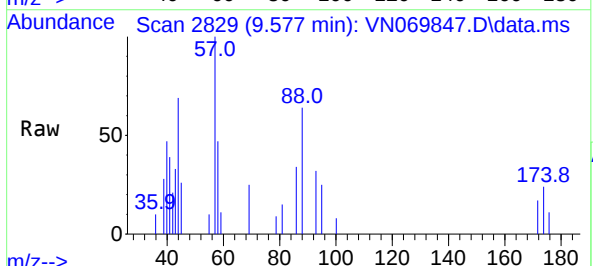
Tgt Ion: 88 Resp: 1821

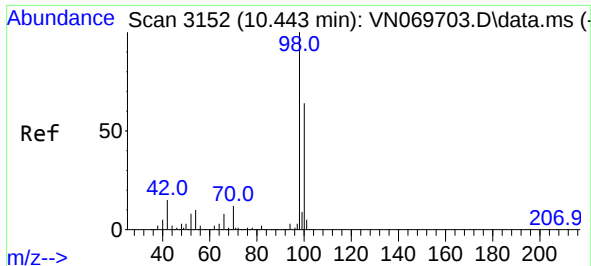
Ion Ratio Lower Upper

88 100

43 19.8 23.4 35.2#

58 0.0 50.6 75.8#

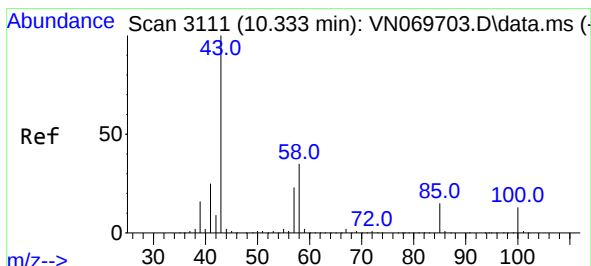
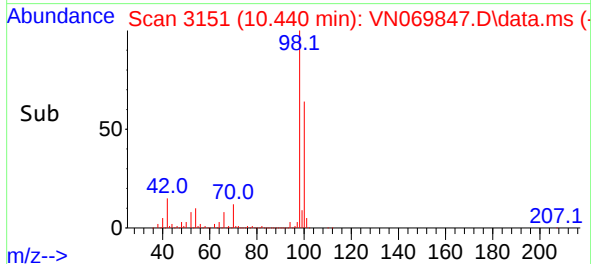
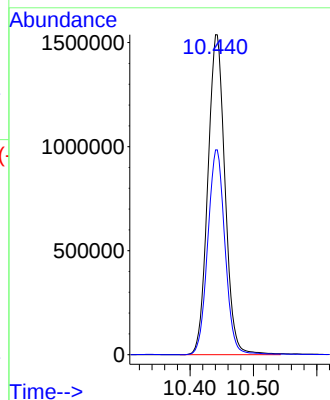
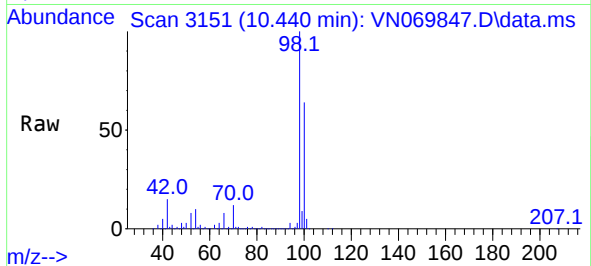




#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

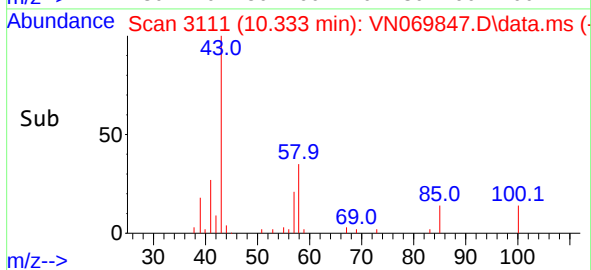
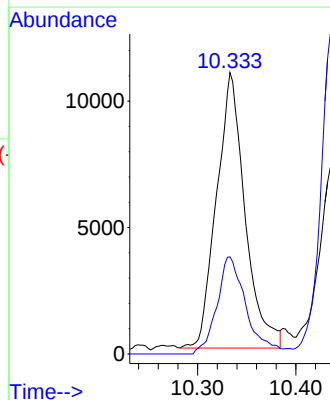
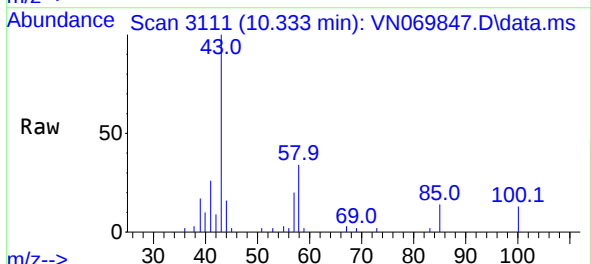
Instrument :
MSVOA_N
ClientSampleId :
A377

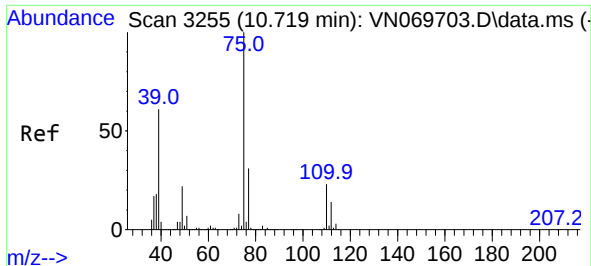
Tgt Ion: 98 Resp: 2896094
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.72 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 43 Resp: 21964
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

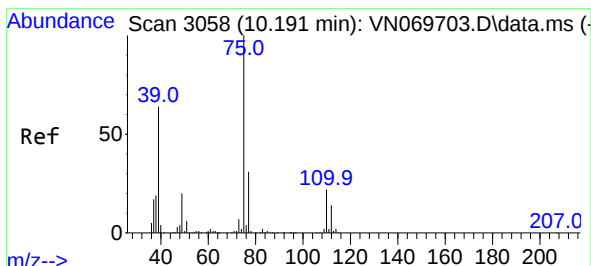
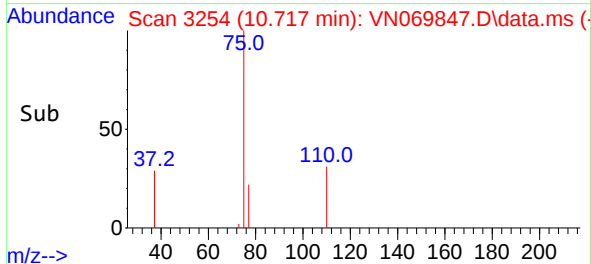
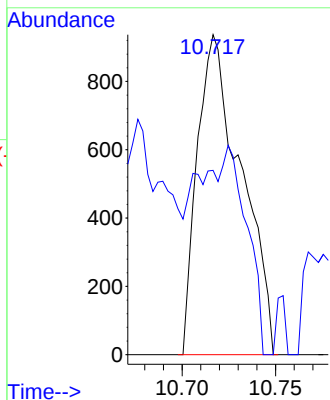
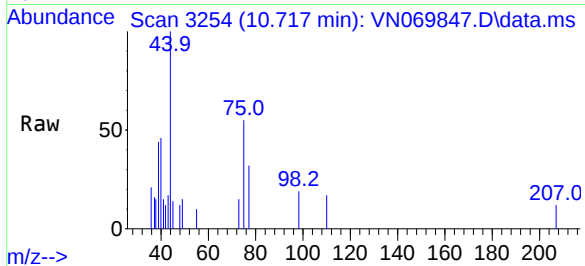




#53
t-1,3-Dichloropropene
Concen: 2.85 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

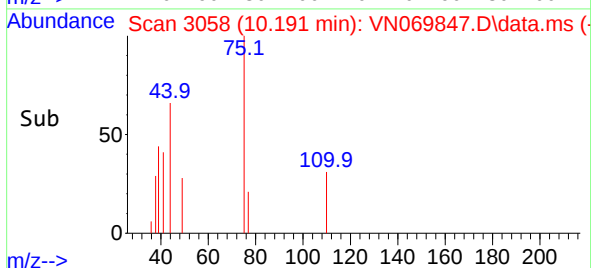
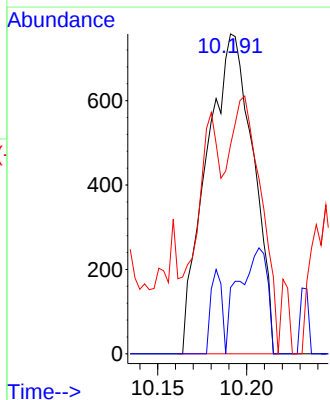
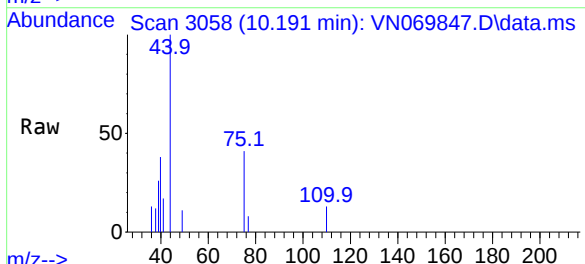
Instrument :
MSVOA_N
ClientSampleId :
A377

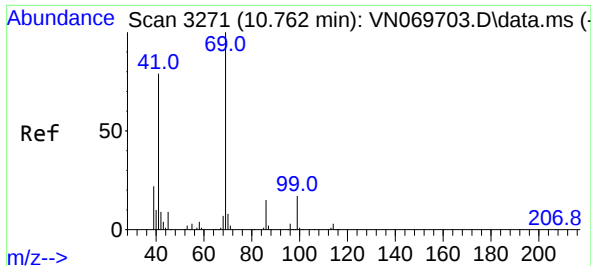
Tgt Ion: 75 Resp: 1526
Ion Ratio Lower Upper
75 100
77 39.9 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.05 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 75 Resp: 1380
Ion Ratio Lower Upper
75 100
77 20.7 26.4 39.6#
39 65.3 42.5 63.7#

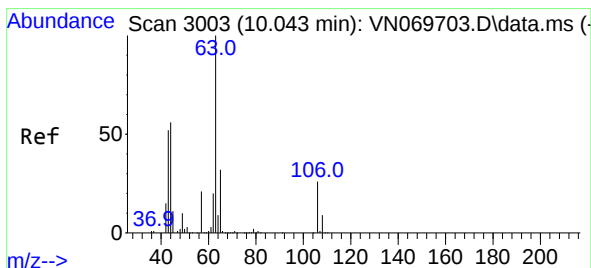
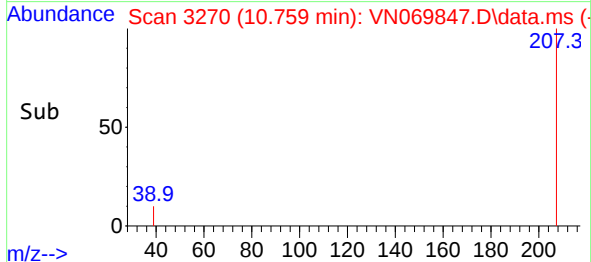
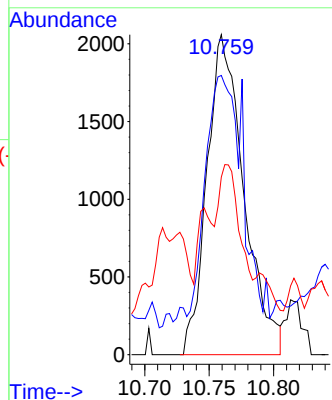
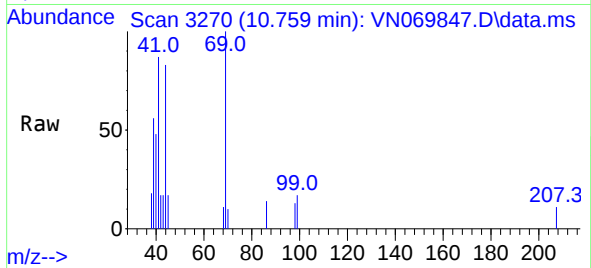




#56
Ethyl methacrylate
Concen: 2.41 ug/l
RT: 10.759 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

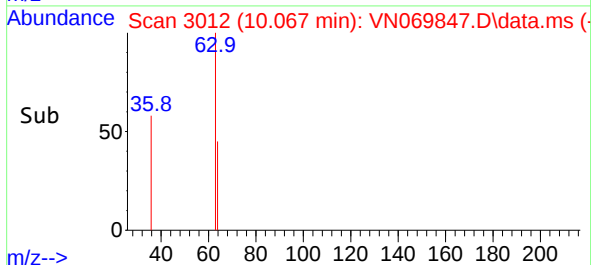
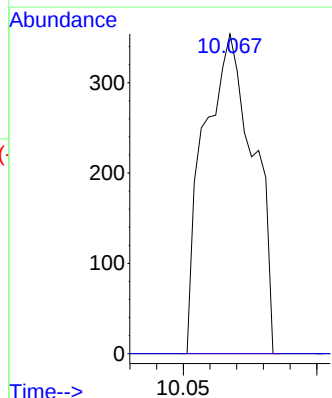
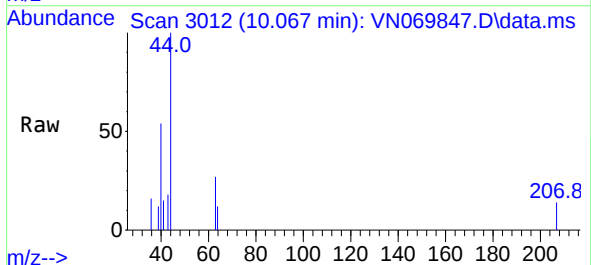
Instrument :
MSVOA_N
ClientSampleId :
A377

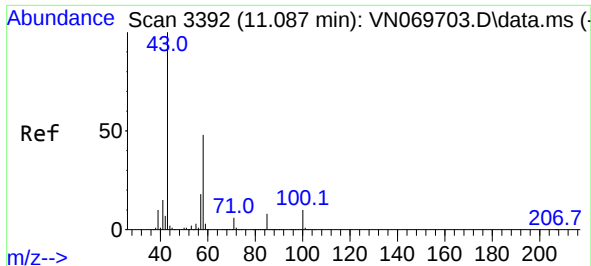
Tgt Ion: 69 Resp: 4103
Ion Ratio Lower Upper
69 100
41 73.0 51.4 77.0
39 18.5 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.44 ug/l
RT: 10.067 min Scan# 3012
Delta R.T. 0.024 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 63 Resp: 456
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

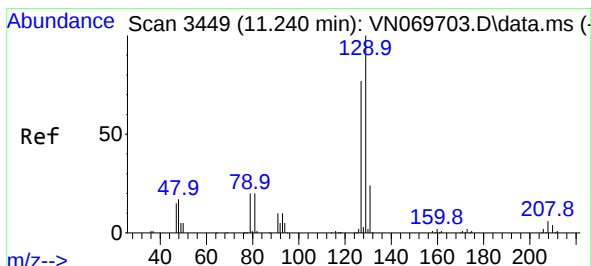
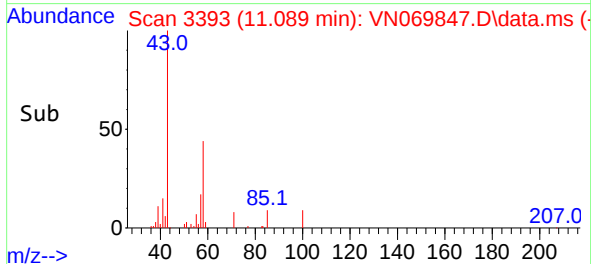
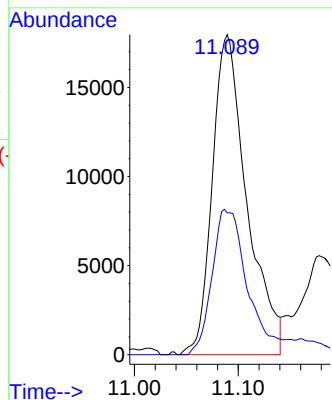
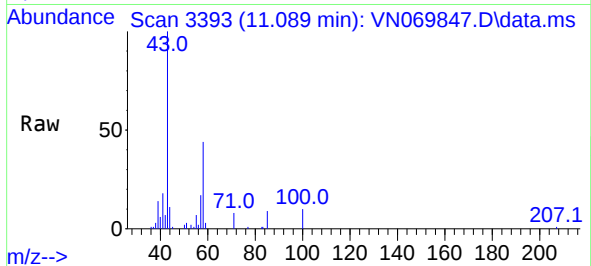




#59
2-Hexanone
Concen: 1.79 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

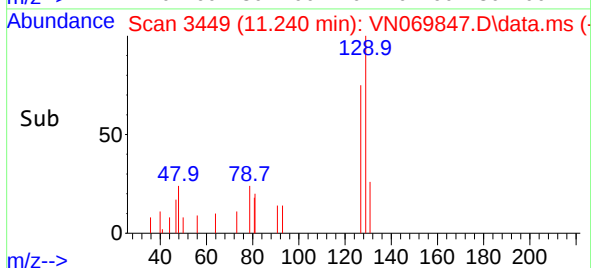
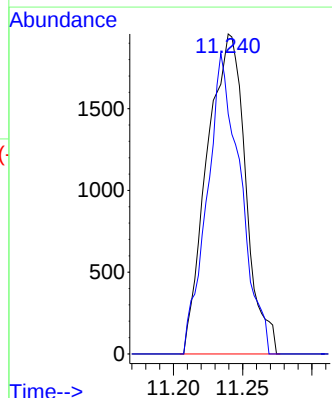
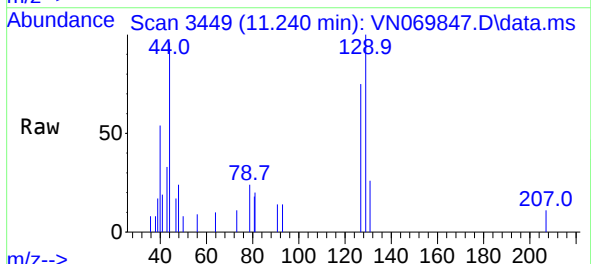
Instrument :
MSVOA_N
ClientSampleId :
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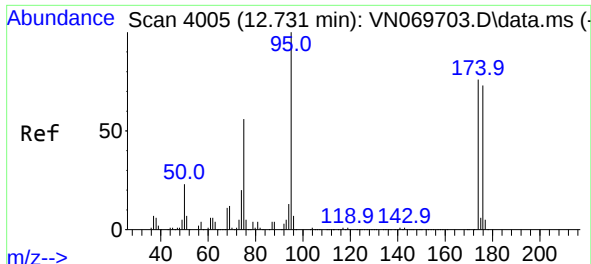
Tgt Ion: 43 Resp: 41558
Ion Ratio Lower Upper
43 100
58 46.6 26.9 80.7



#60
Dibromochloromethane
Concen: 2.58 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 129 Resp: 3784
Ion Ratio Lower Upper
129 100
127 81.4 38.6 116.0

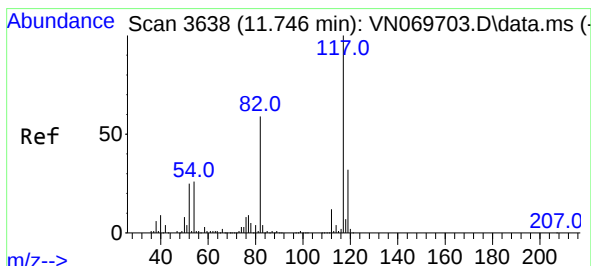
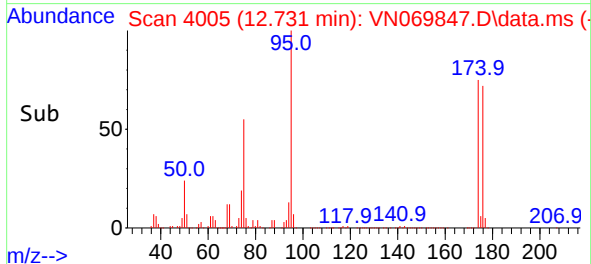
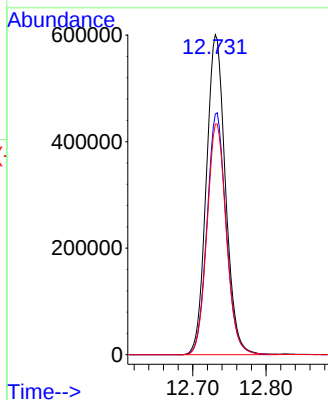
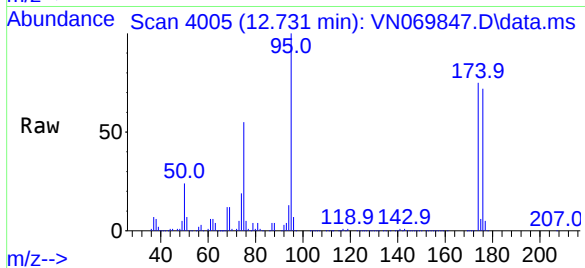




#62
4-Bromofluorobenzene
Concen: 53.06 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

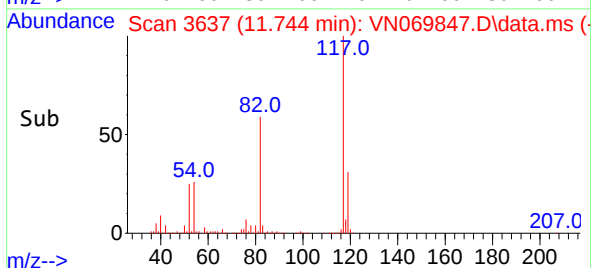
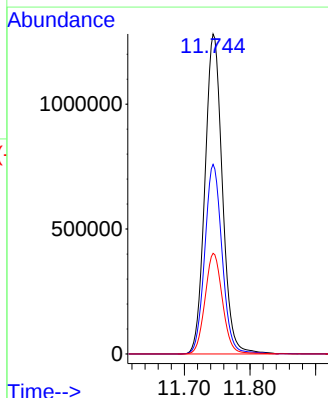
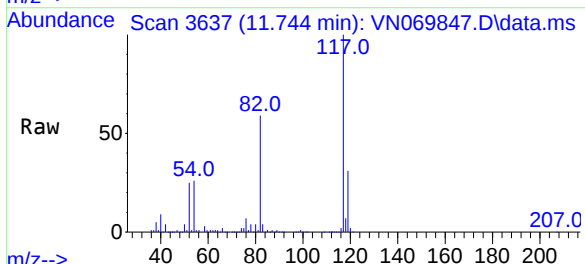
Instrument :
MSVOA_N
ClientSampleId :
A377

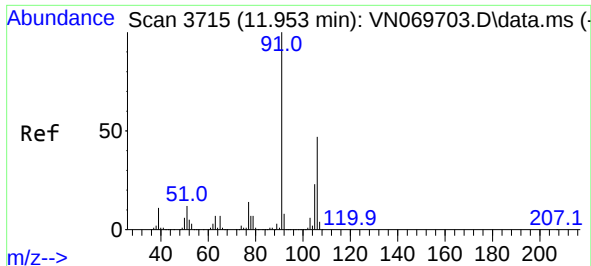
Tgt Ion: 95 Resp: 1089190
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 117 Resp: 2362269
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.4 25.4 38.2

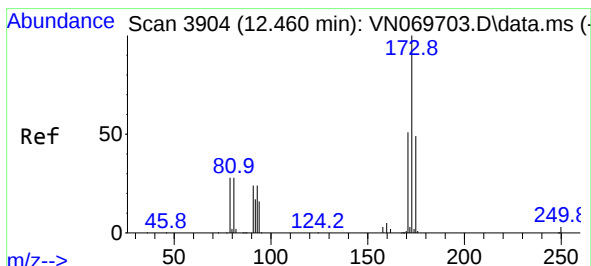
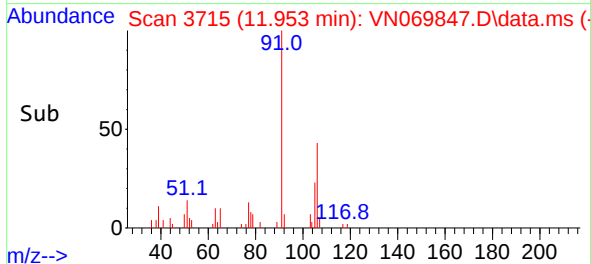
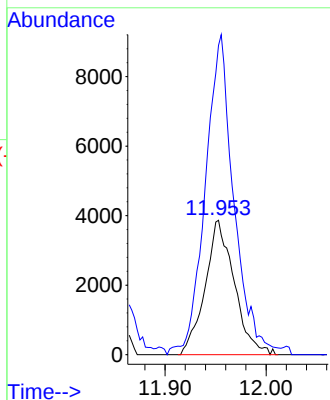
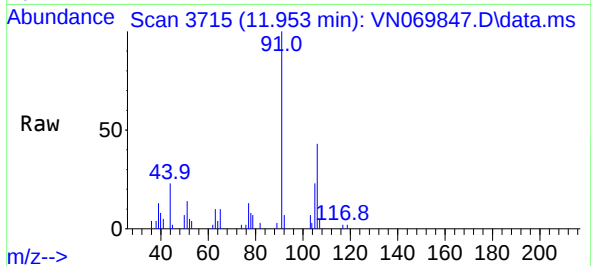




#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

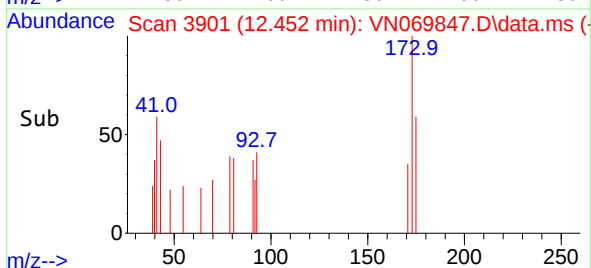
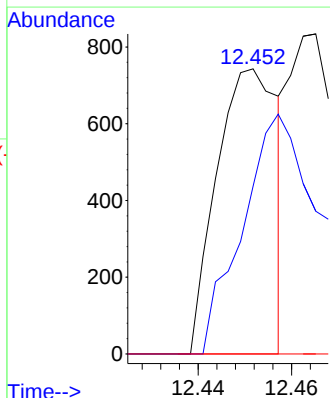
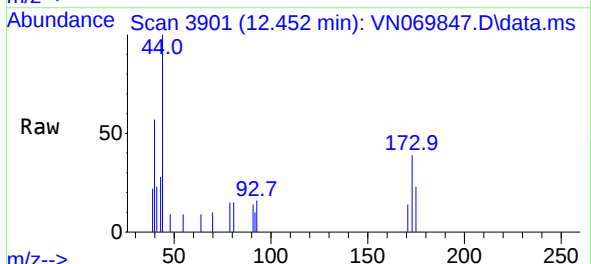
Instrument :
MSVOA_N
ClientSampleId :
A377

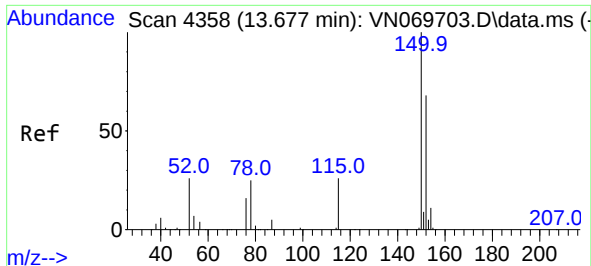
Tgt Ion:106 Resp: 7761
Ion Ratio Lower Upper
106 100
91 233.3 160.6 240.8



#71
Bromoform
Concen: 2.77 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. -0.008 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:173 Resp: 671
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

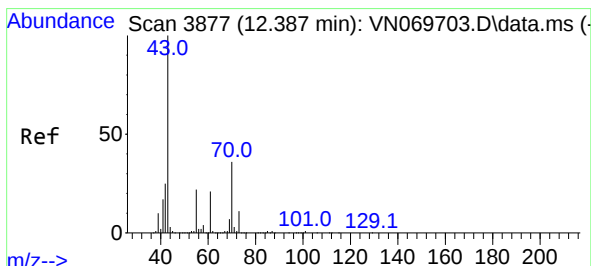
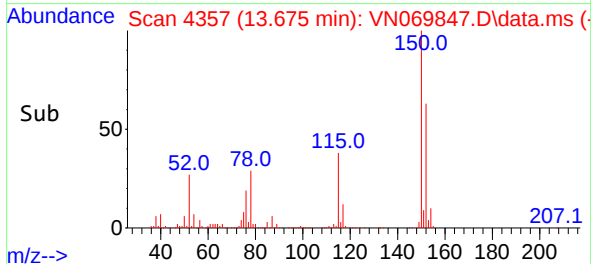
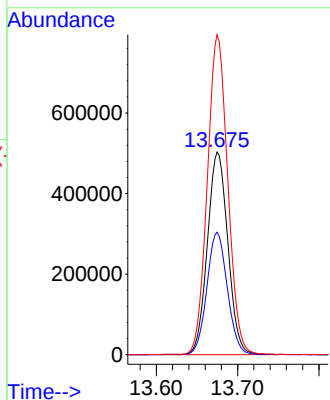
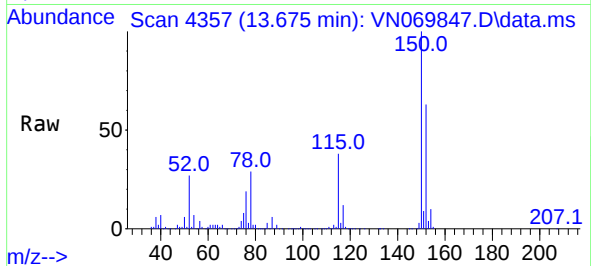




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

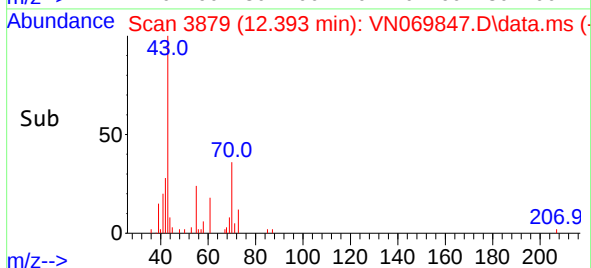
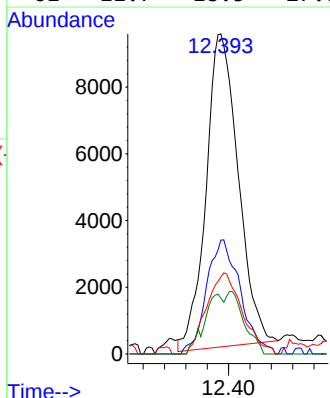
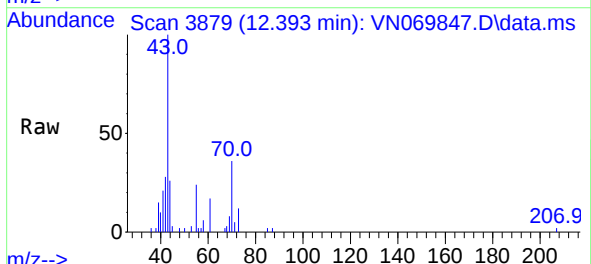
Instrument :
MSVOA_N
ClientSampleId :
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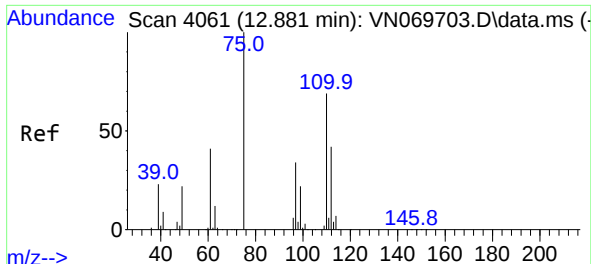
Tgt Ion:152 Resp: 882597
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.2 0.0 344.4



#74
N-ethyl acetate
Concen: 0.56 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 43 Resp: 19615
Ion Ratio Lower Upper
43 100
70 38.3 33.4 50.0
55 28.7 19.3 28.9
61 11.7 18.5 27.7#

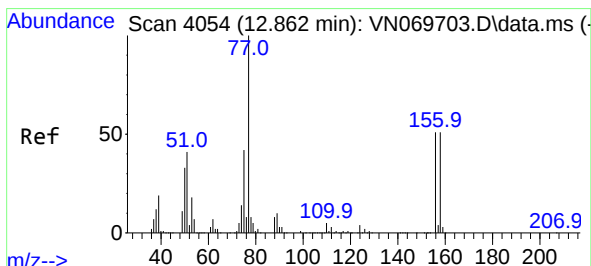
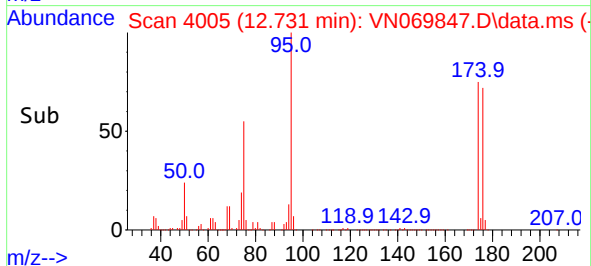
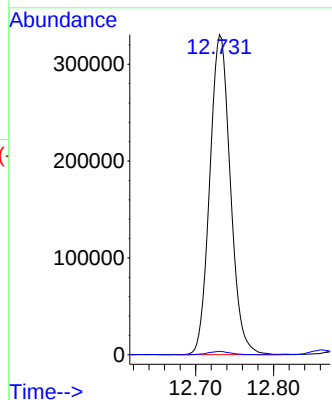
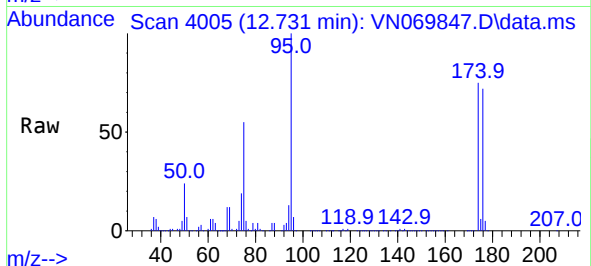




#76
1,2,3-Trichloropropane
Concen: 23.98 ug/l
RT: 12.731 min Scan# 4061
Delta R.T. -0.150 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

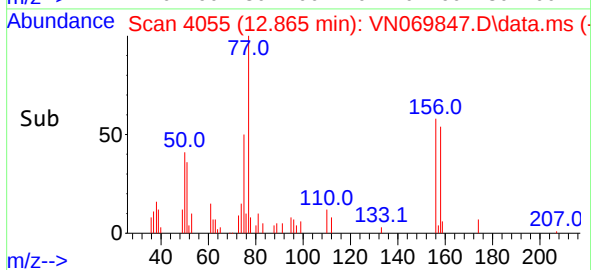
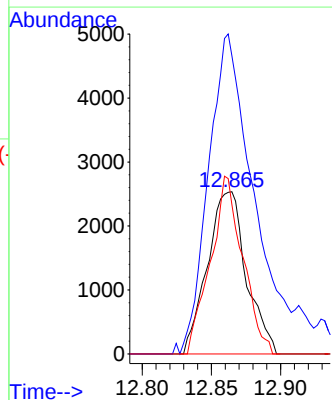
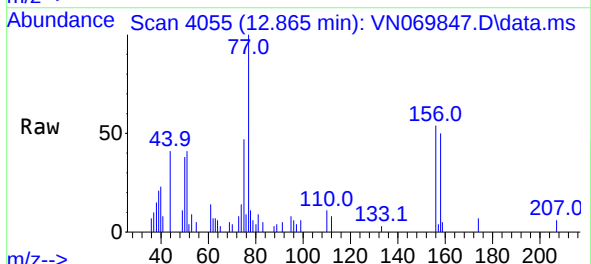
Instrument :
MSVOA_N
ClientSampleId :
A377

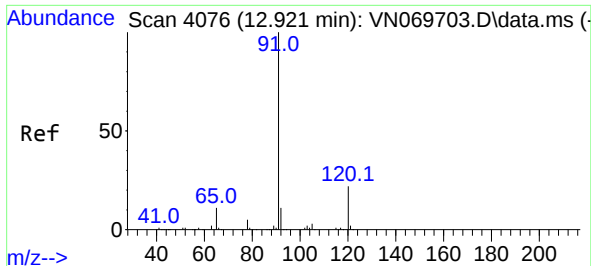
Tgt Ion: 75 Resp: 607032
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#77
Bromobenzene
Concen: 0.27 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:156 Resp: 4948
Ion Ratio Lower Upper
156 100
77 226.7 90.6 271.8
158 91.1 48.9 146.7

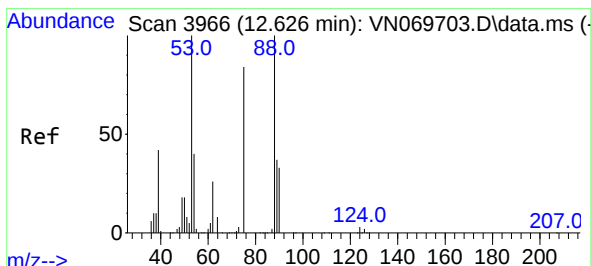
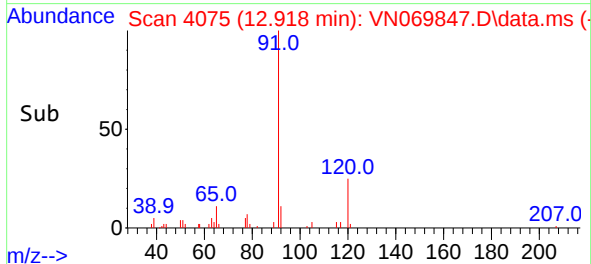
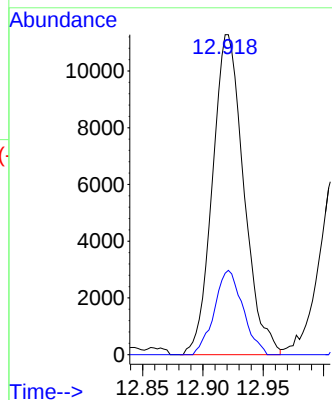
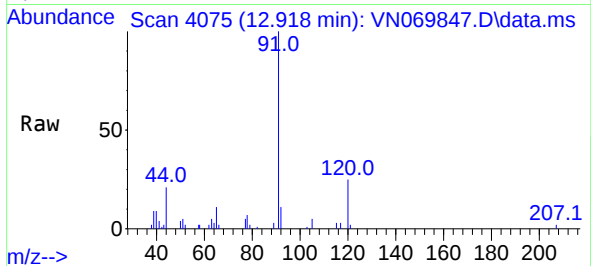




#78
n-propylbenzene
Concen: 0.23 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

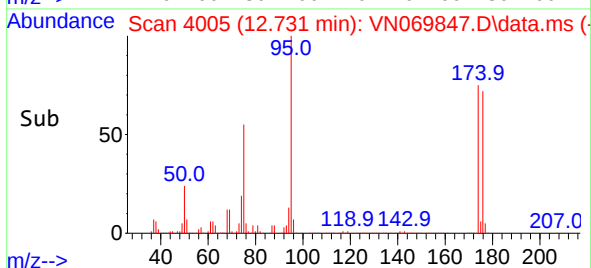
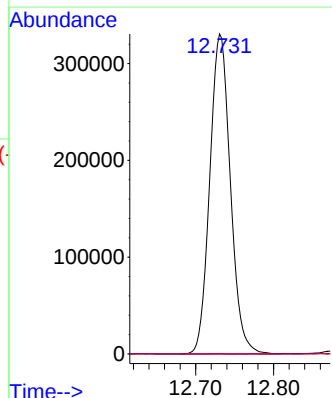
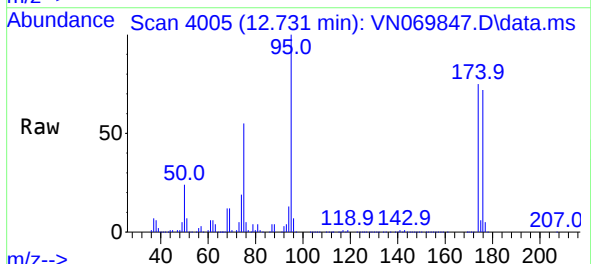
Instrument :
MSVOA_N
ClientSampleId :
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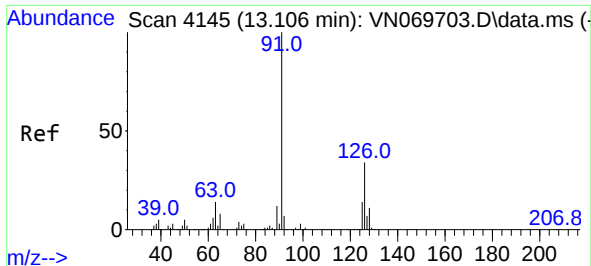
Tgt Ion: 91 Resp: 20412
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.9



#81
trans-1,4-Dichloro-2-butene
Concen: 76.18 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 75 Resp: 607032
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

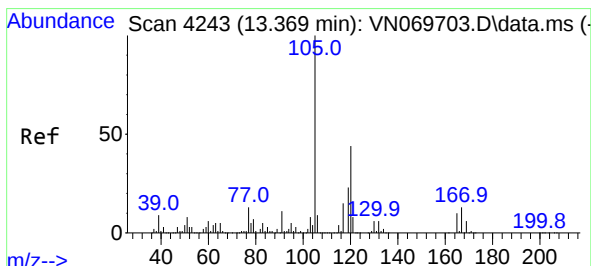
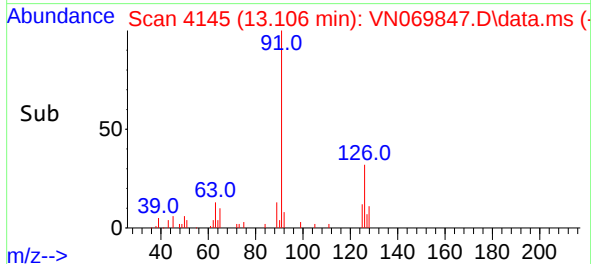
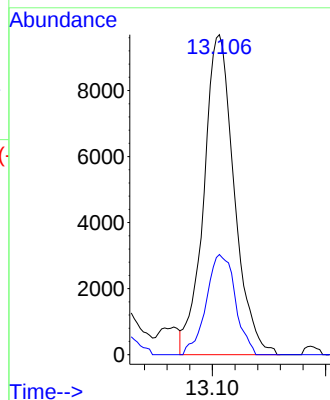
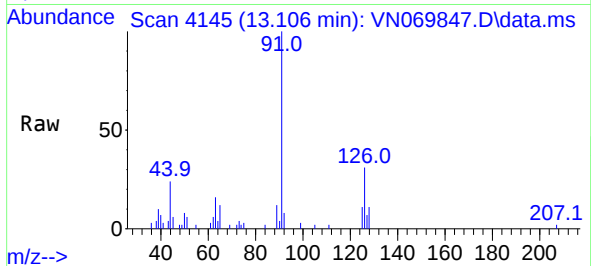




#82
4-Chlorotoluene
Concen: 0.35 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

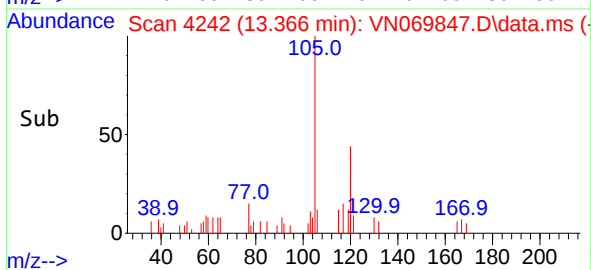
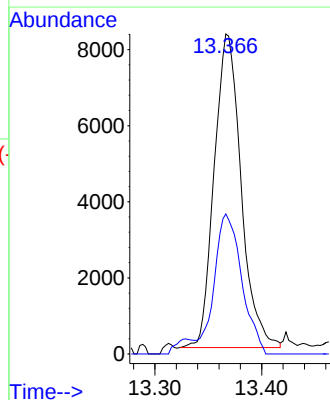
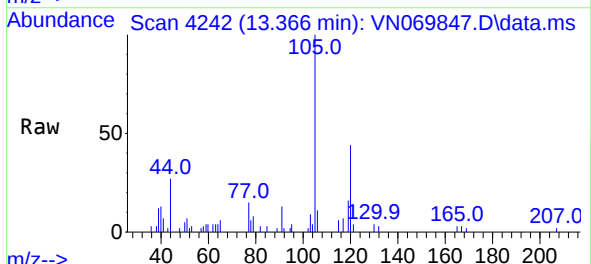
Instrument :
MSVOA_N
ClientSampleId :
A377

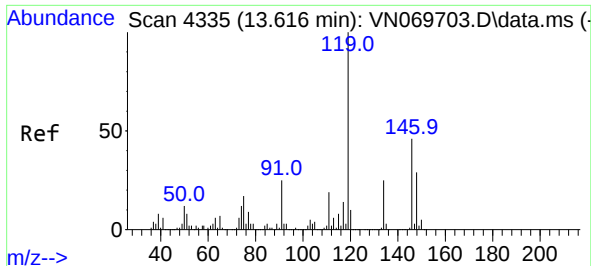
Tgt Ion: 91 Resp: 18042
Ion Ratio Lower Upper
91 100
126 29.9 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 105 Resp: 14422
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4

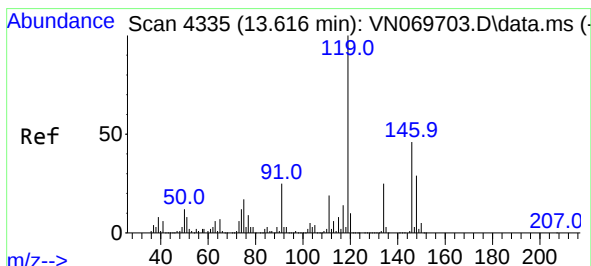
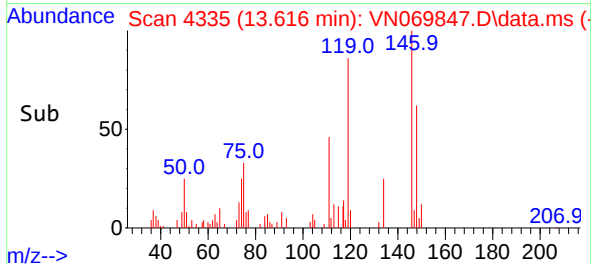
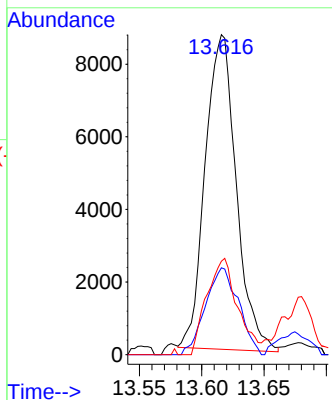
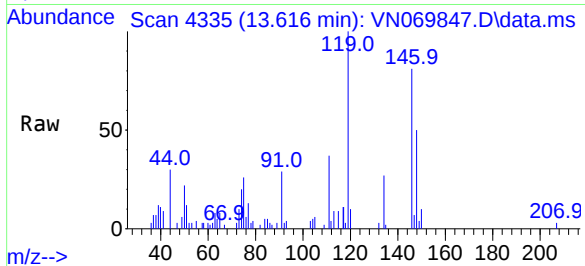




#86
p-Isopropyltoluene
Concen: 0.25 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

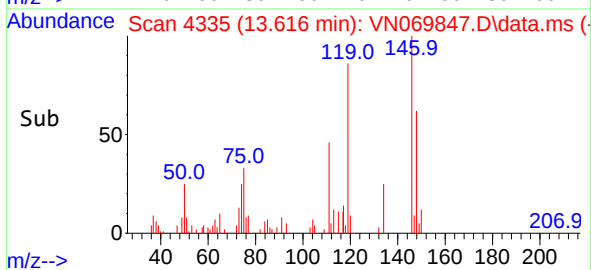
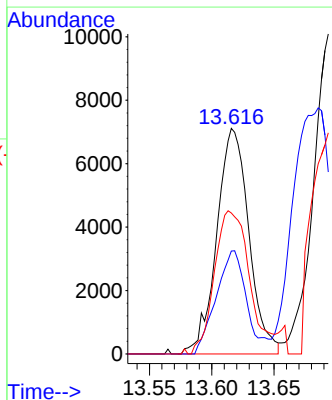
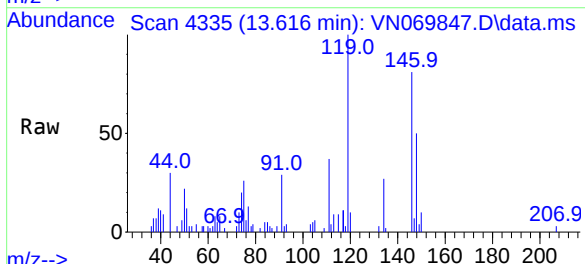
Instrument :
MSVOA_N
ClientSampleId :
A377

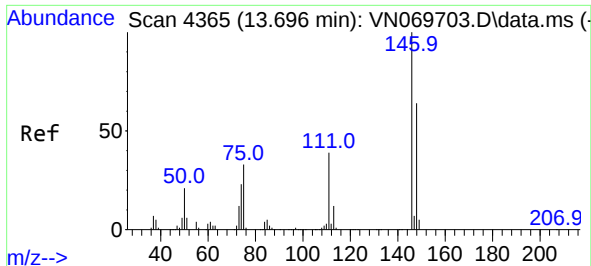
Tgt Ion:	119	Resp:	15054
Ion Ratio	Lower	Upper	
119	100		
134	29.3	13.6	40.7
91	30.5	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 0.42 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

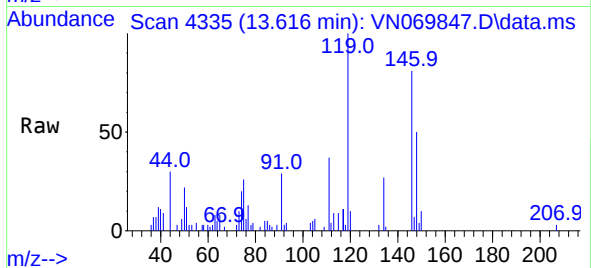
Tgt Ion:	146	Resp:	12753
Ion Ratio	Lower	Upper	
146	100		
111	44.1	18.6	55.6
148	69.2	31.6	95.0



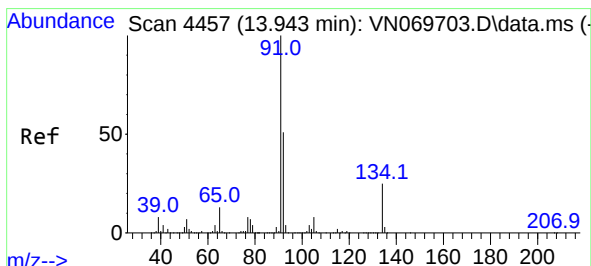
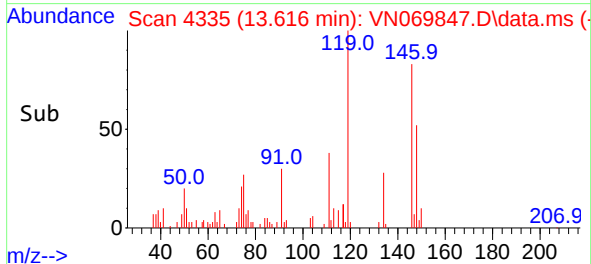
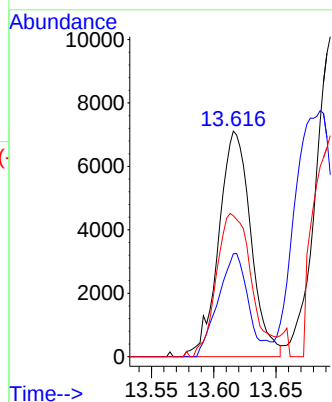


#88
1,4-Dichlorobenzene
Concen: 0.43 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.080 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Instrument :
MSVOA_N
ClientSampleId :
A377

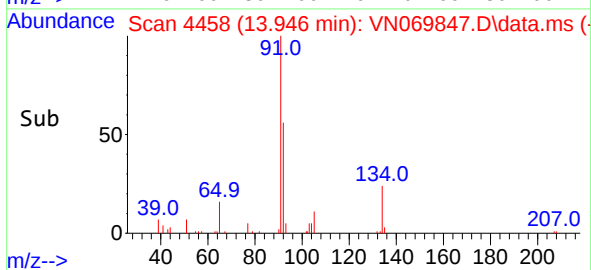
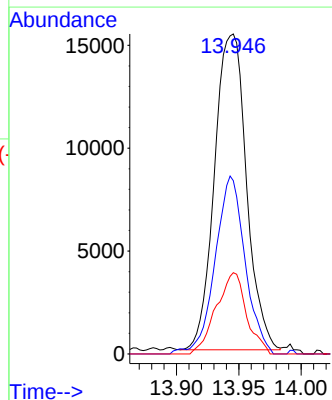
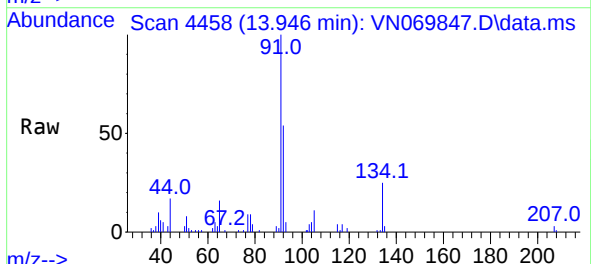


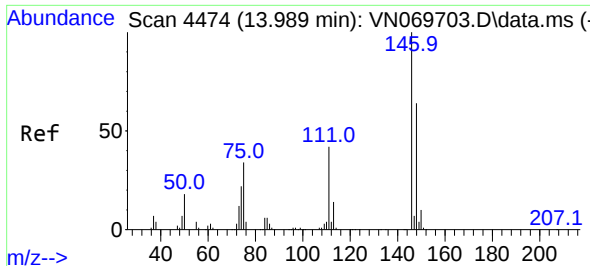
Tgt Ion:146 Resp: 12753
Ion Ratio Lower Upper
146 100
111 44.1 18.3 54.8
148 69.2 31.8 95.4



#89
n-Butylbenzene
Concen: 0.57 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 91 Resp: 27426
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 24.3 13.6 40.8

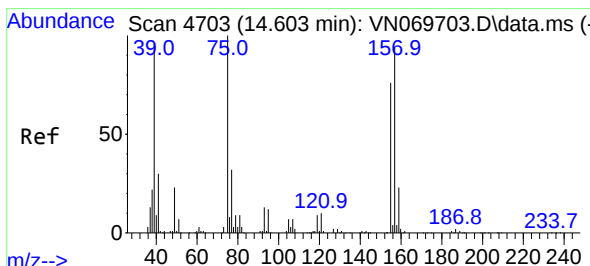
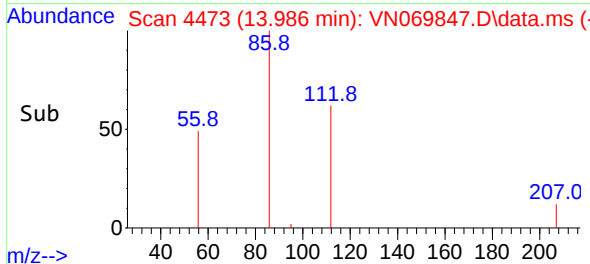
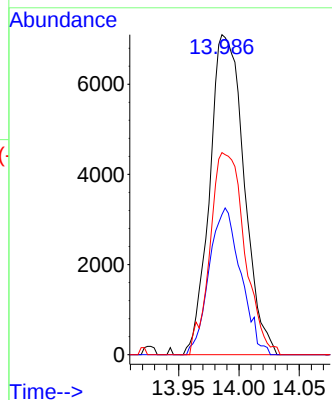
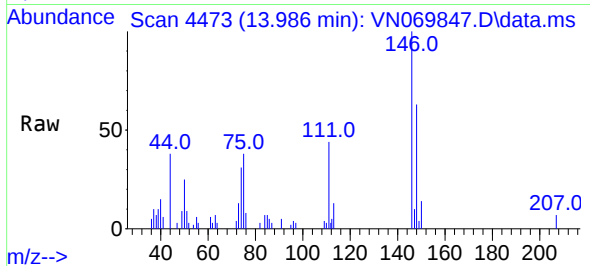




#91
1,2-Dichlorobenzene
Concen: 0.48 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

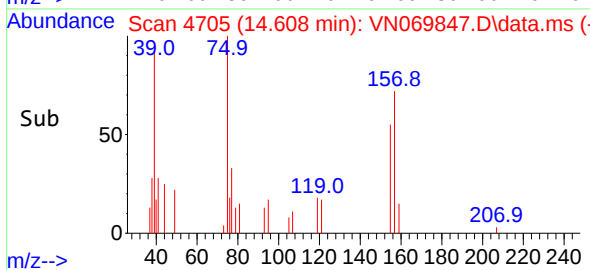
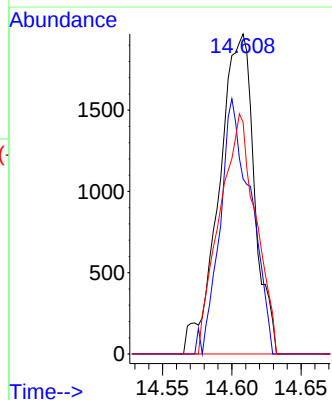
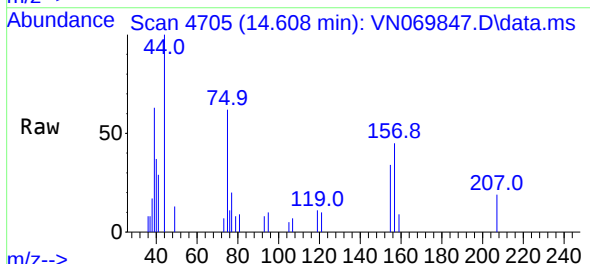
Instrument :
MSVOA_N
ClientSampleId :
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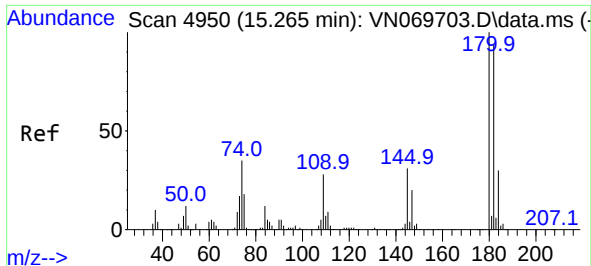
Tgt Ion:146 Resp: 14057
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 63.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.71 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.005 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion: 75 Resp: 3498
Ion Ratio Lower Upper
75 100
155 69.6 46.9 140.7
157 76.4 60.6 181.7

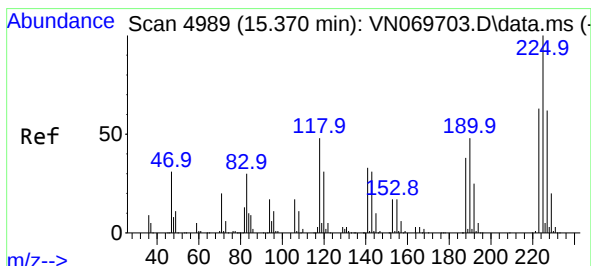
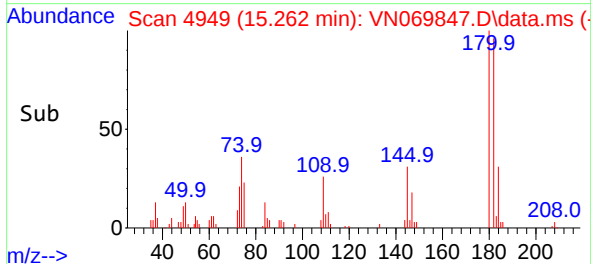
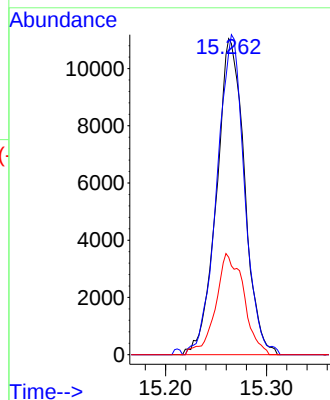
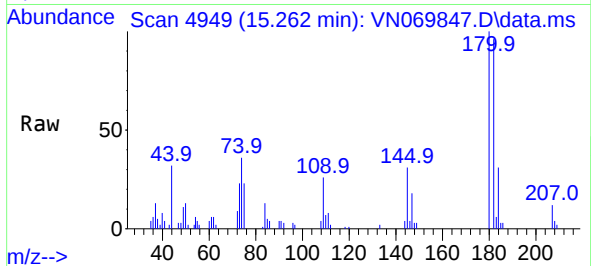




#93
1,2,4-Trichlorobenzene
Concen: 4.26 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

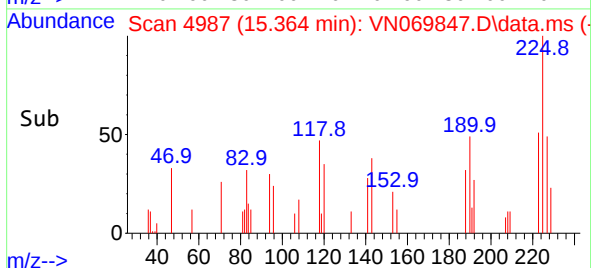
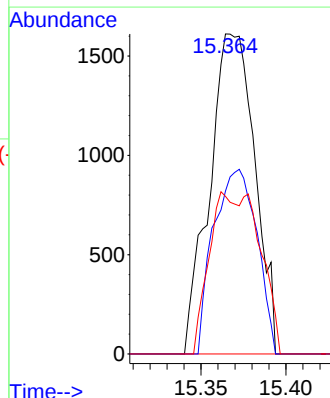
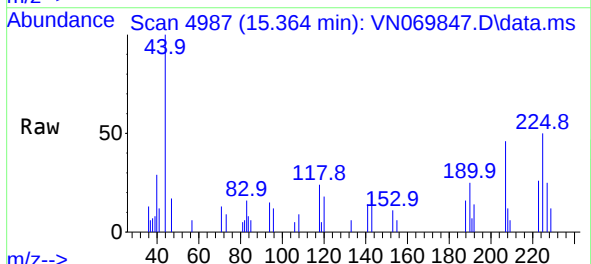
Instrument :
MSVOA_N
ClientSampleId :
A377

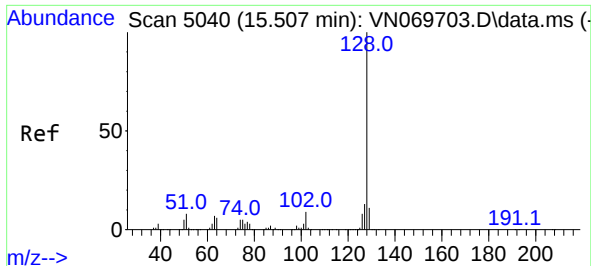
Tgt Ion:180 Resp: 21160
Ion Ratio Lower Upper
180 100
182 99.8 48.3 144.9
145 32.4 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.38 ug/l
RT: 15.364 min Scan# 4987
Delta R.T. -0.005 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:225 Resp: 2994
Ion Ratio Lower Upper
225 100
223 55.0 31.9 95.7
227 32.9 32.1 96.3

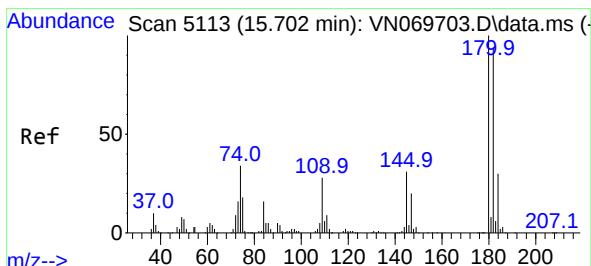
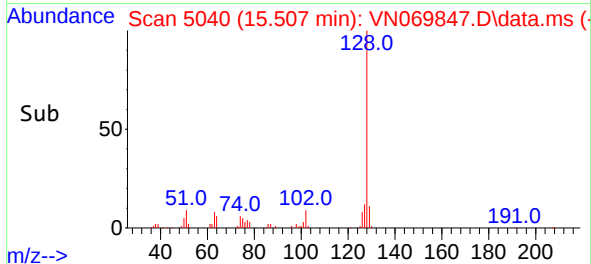
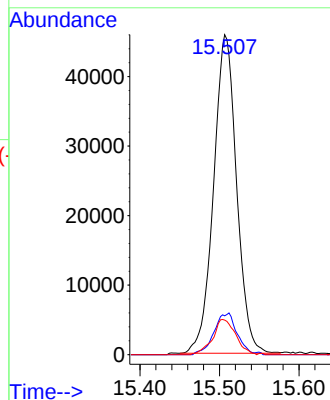
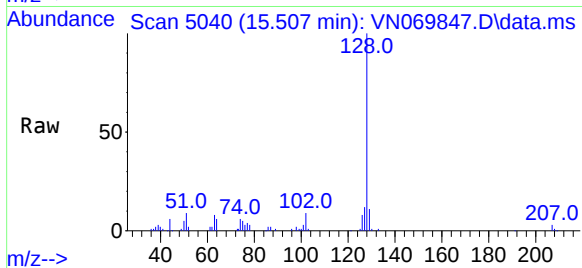




#95
Naphthalene
Concen: 5.95 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Instrument :
MSVOA_N
ClientSampleId :
A377

Tgt Ion:	128	Resp:	92167
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.23 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069847.D
Acq: 8 Dec 2021 6:14

Tgt Ion:	180	Resp:	26634
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.4	142.2
145	32.2	15.0	45.1

