

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070978.D
 Acq On : 17 Feb 2022 14:39
 Operator : JC\MD
 Sample : N1581-20 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20220215

Quant Time: Feb 18 00:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

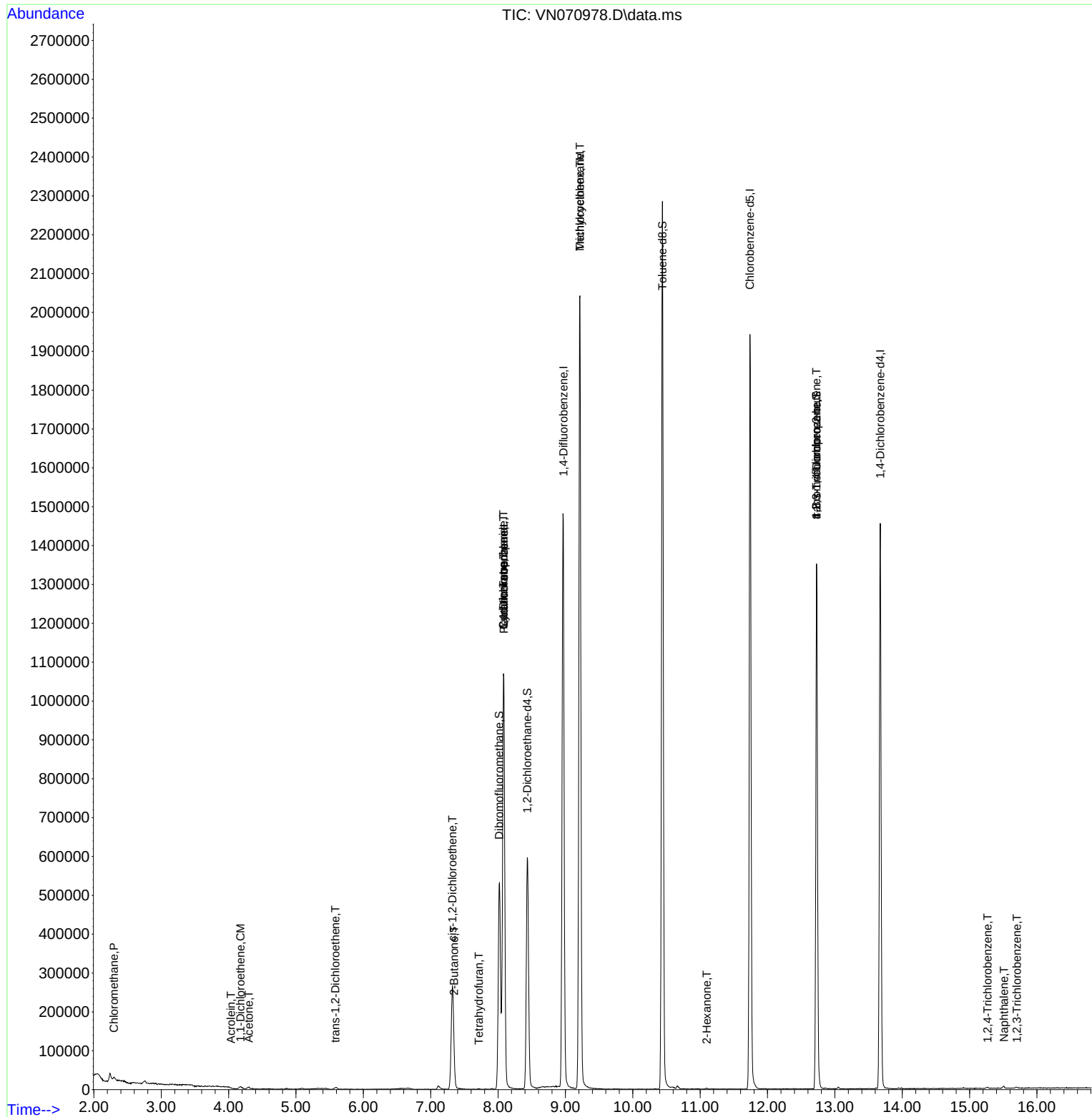
Internal Standards						
1) Pentafluorobenzene	8.086	168	854772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1335582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1174592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	423157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	498842	51.089	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.180%
35) Dibromofluoromethane	8.016	113	402307	50.643	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.280%
50) Toluene-d8	10.439	98	1585493	49.698	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.727	95	477394	41.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2572	0.230	ug/l	92
12) 1,1-Dichloroethene	4.175	96	3432	0.410	ug/l #	73
13) Acrolein	4.034	56	831	0.523	ug/l #	63
16) Acetone	4.298	43	4660	0.867	ug/l #	85
18) Methyl Acetate	4.857	43	3337	Below Cal	#	77
21) trans-1,2-Dichloroethene	5.587	96	3692	0.411	ug/l #	88
25) 2-Butanone	7.345	43	1536	0.215	ug/l #	6
27) cis-1,2-Dichloroethene	7.322	96	166985	16.176	ug/l	96
29) Tetrahydrofuran	7.716	42	1038	0.224	ug/l #	36
31) Cyclohexane	8.081	56	17247	1.021	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	61952	4.760	ug/l #	49
38) Carbon Tetrachloride	8.081	117	82439	6.429	ug/l #	17
39) Methylcyclohexane	9.216	83	9199	0.549	ug/l #	1
44) Trichloroethene	9.216	130	792882	78.211	ug/l	100
59) 2-Hexanone	11.098	43	1975	0.215	ug/l	78
76) 1,2,3-Trichloropropane	12.727	75	244224	24.512	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	244224	79.432	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	1455	2.178	ug/l #	92
95) Naphthalene	15.509	128	6118	5.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	1749	2.747	ug/l	97

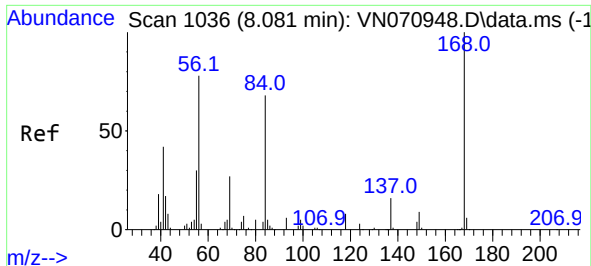
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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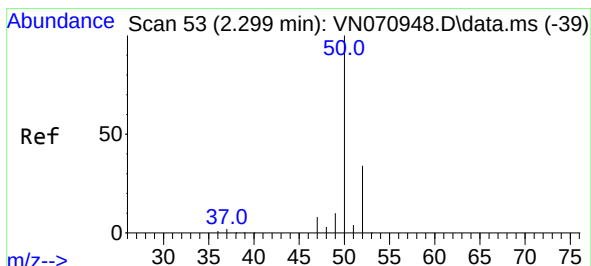
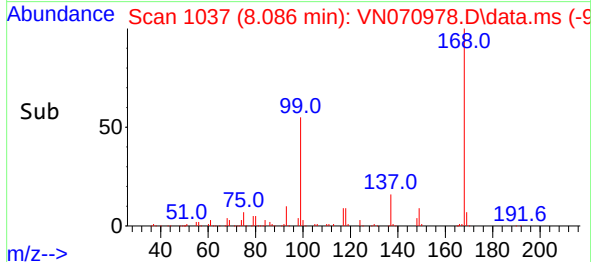
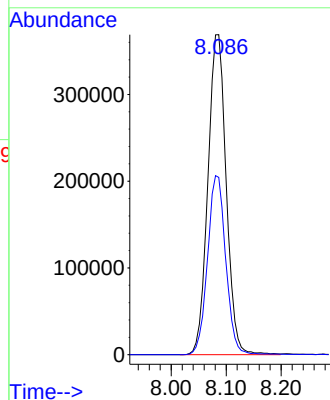
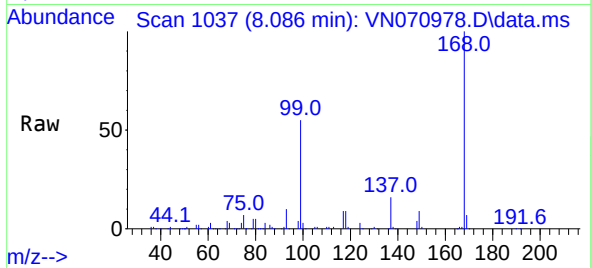




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

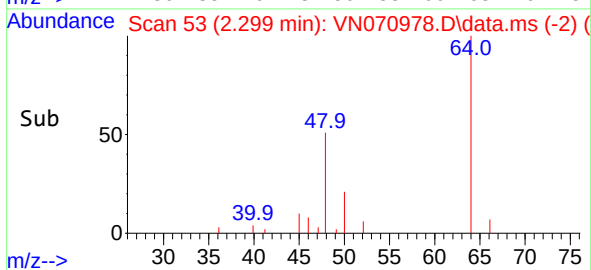
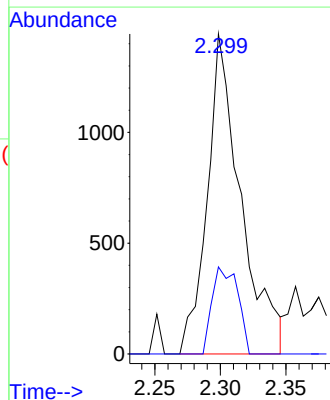
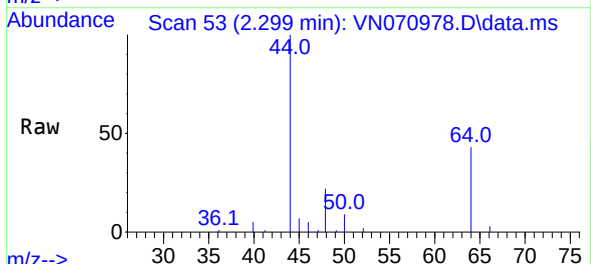
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

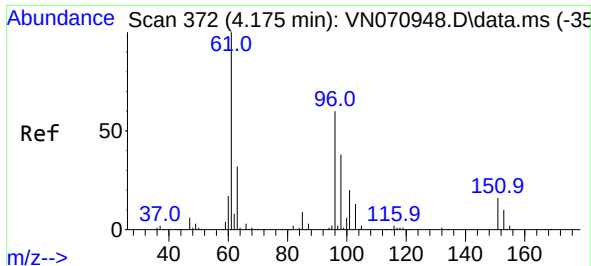
Tgt Ion:168 Resp: 854772
Ion Ratio Lower Upper
168 100
99 55.4 41.3 61.9



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 50 Resp: 2572
Ion Ratio Lower Upper
50 100
52 27.2 25.4 38.0

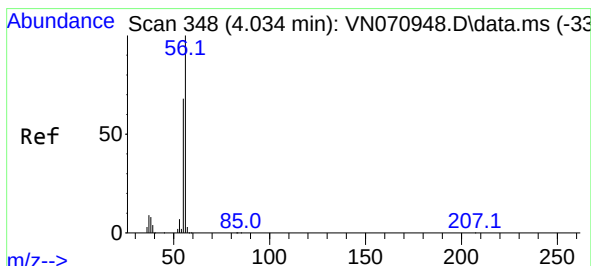
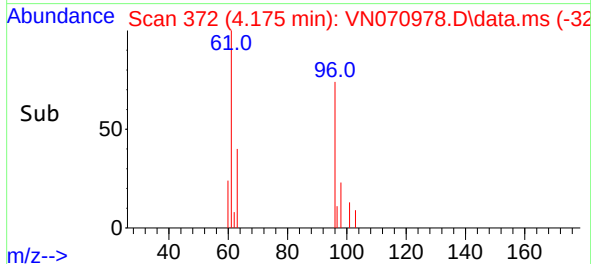
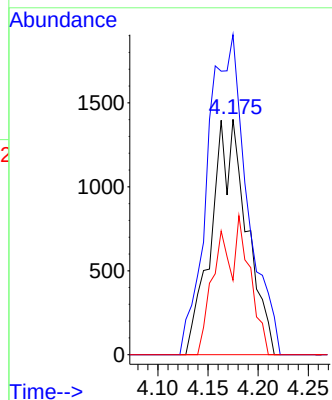
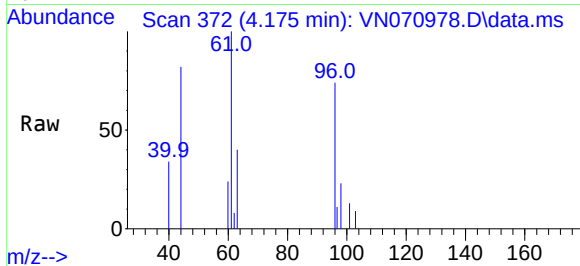




#12
1,1-Dichloroethene
Concen: 0.410 ug/l
RT: 4.175 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

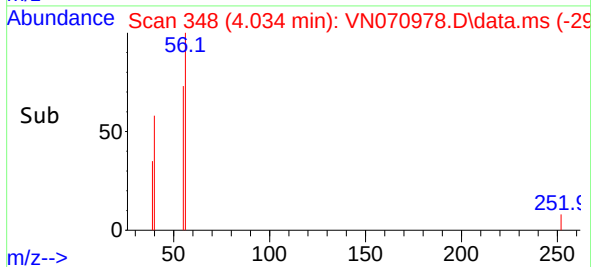
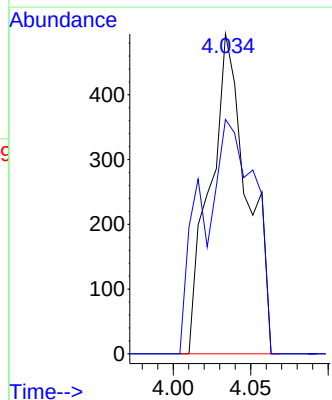
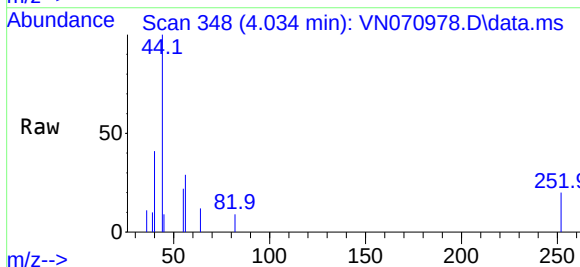
Instrument :
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ClientSampleId :
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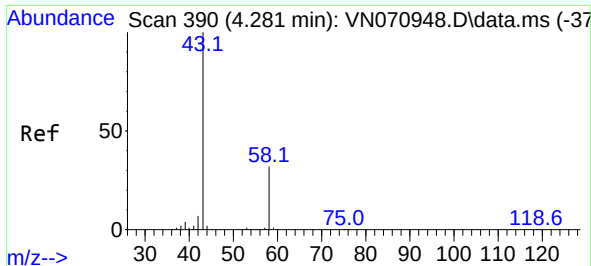
Tgt Ion: 96 Resp: 3432
Ion Ratio Lower Upper
96 100
61 135.9 131.0 196.6
98 31.6 52.4 78.6#



#13
Acrolein
Concen: 0.523 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 56 Resp: 831
Ion Ratio Lower Upper
56 100
55 101.7 56.6 85.0#

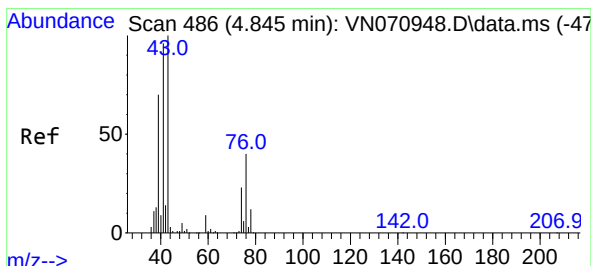
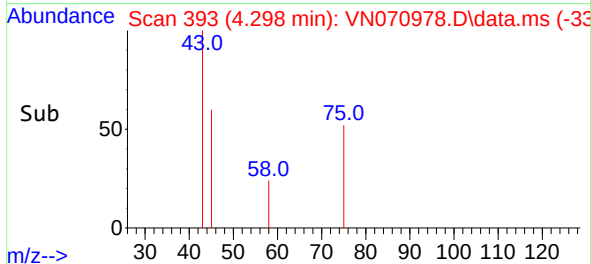
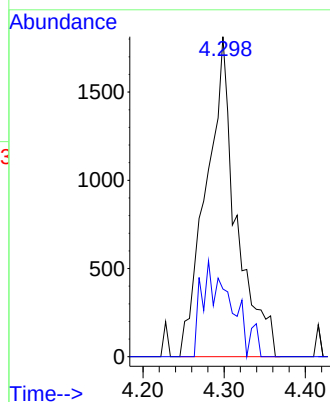
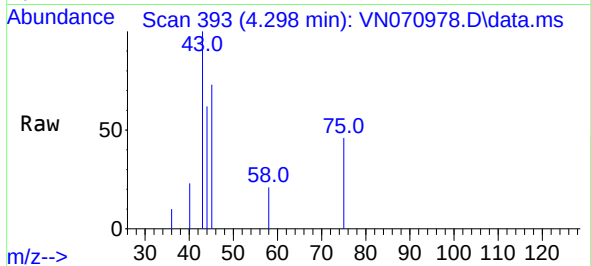




#16
Acetone
Concen: 0.867 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

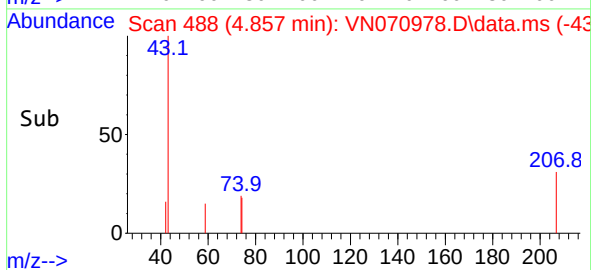
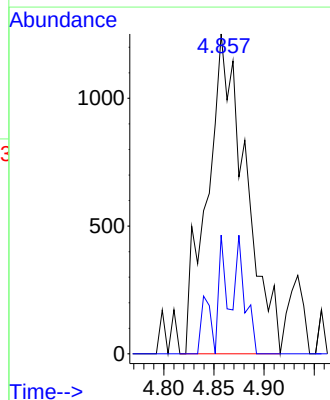
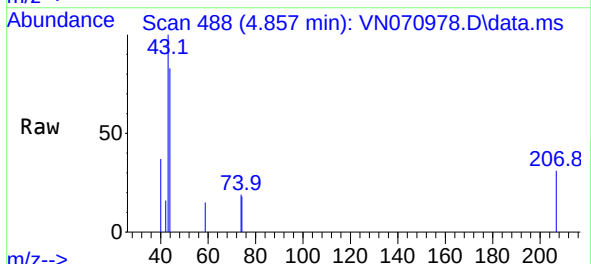
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

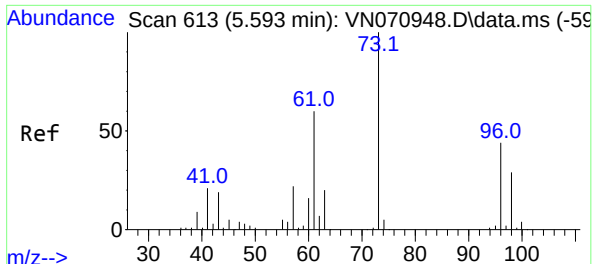
Tgt Ion: 43 Resp: 4660
Ion Ratio Lower Upper
43 100
58 21.2 23.1 34.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 43 Resp: 3337
Ion Ratio Lower Upper
43 100
74 13.0 19.4 29.2#

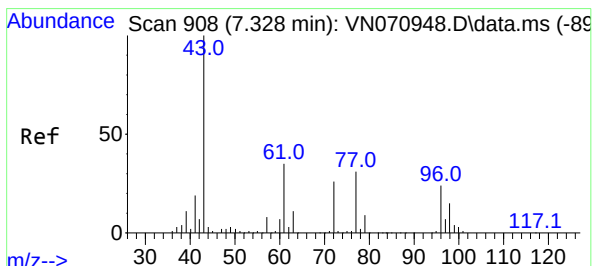
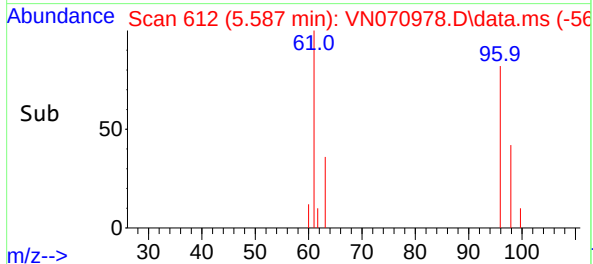
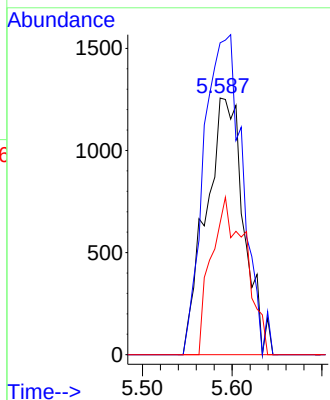
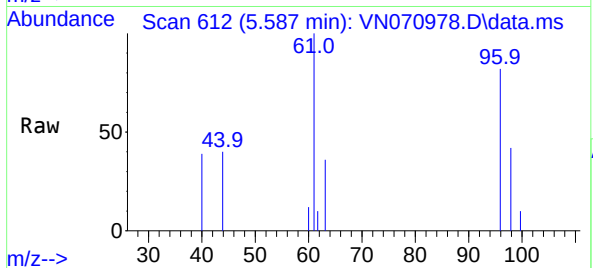




#21
trans-1,2-Dichloroethene
Concen: 0.411 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

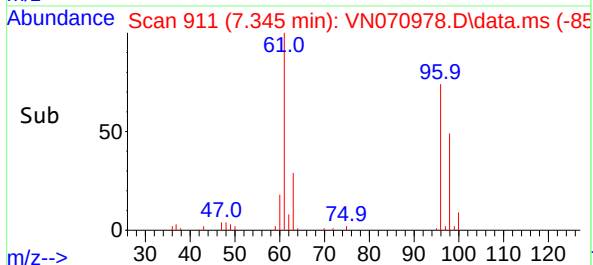
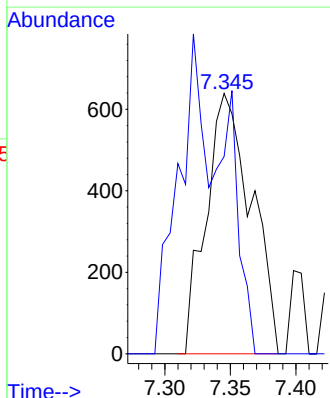
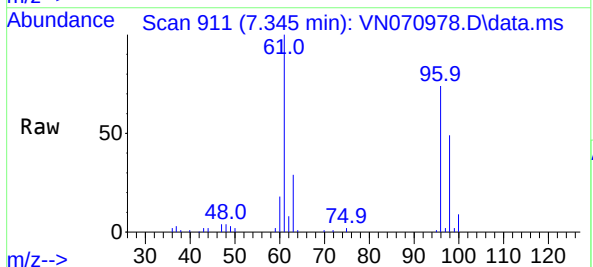
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

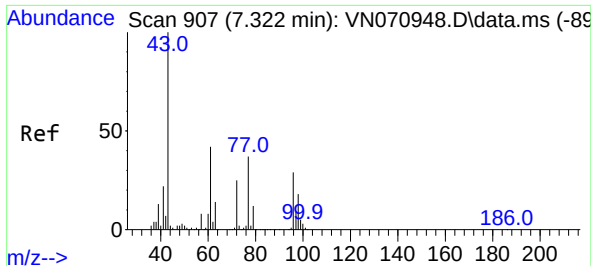
Tgt Ion: 96 Resp: 3692
Ion Ratio Lower Upper
96 100
61 121.5 105.8 158.6
98 51.4 52.0 78.0#



#25
2-Butanone
Concen: 0.215 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
72 75.7 21.7 32.5#





#27

cis-1,2-Dichloroethene

Concen: 16.176 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN070978.D

Acq: 17 Feb 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20220215

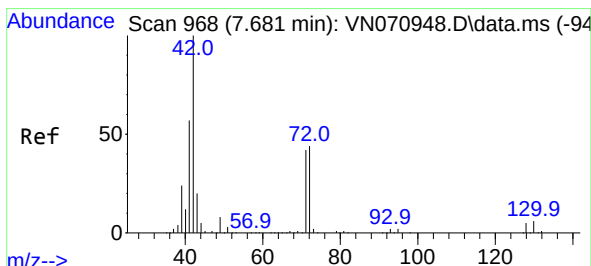
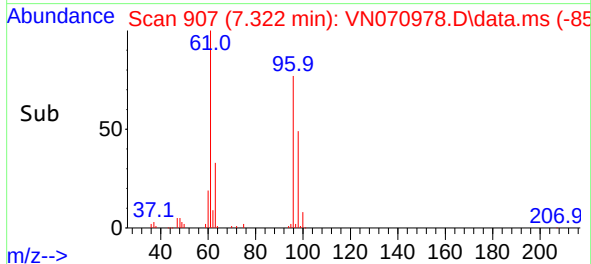
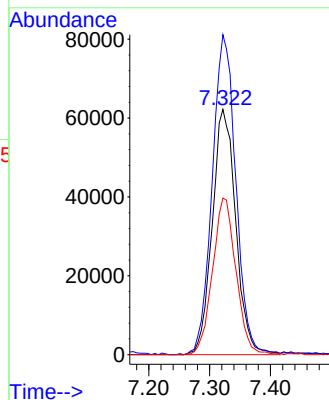
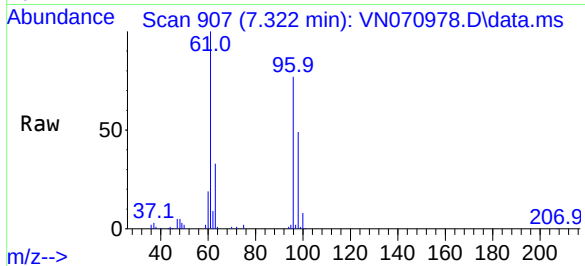
Tgt Ion: 96 Resp: 166985

Ion Ratio Lower Upper

96 100

61 130.8 0.0 275.0

98 63.5 0.0 129.6



#29

Tetrahydrofuran

Concen: 0.224 ug/l

RT: 7.716 min Scan# 974

Delta R.T. 0.035 min

Lab File: VN070978.D

Acq: 17 Feb 2022 14:39

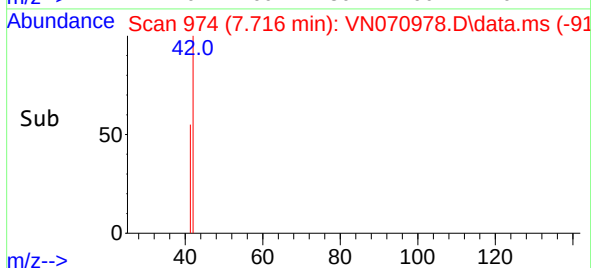
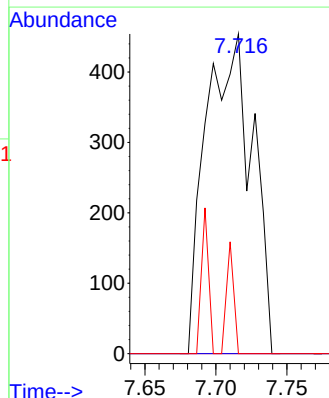
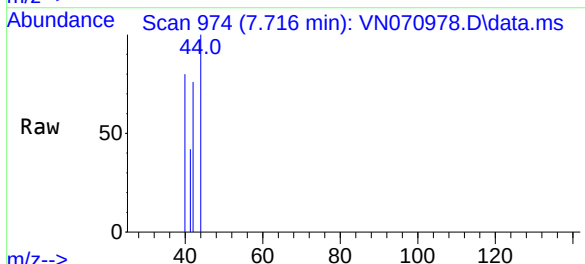
Tgt Ion: 42 Resp: 1038

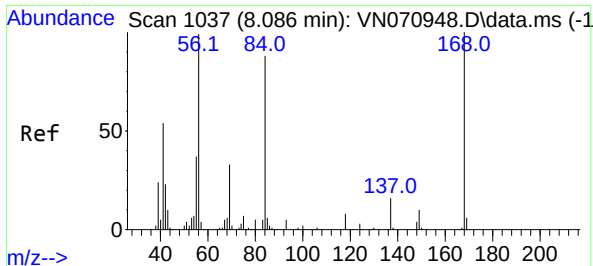
Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 5.4 34.7 52.1#

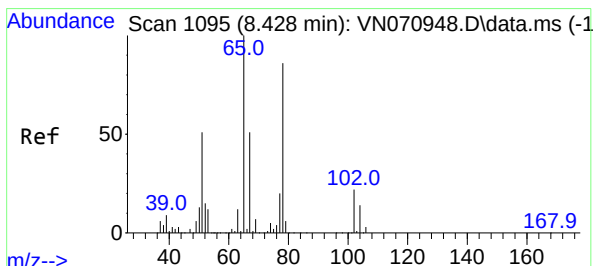
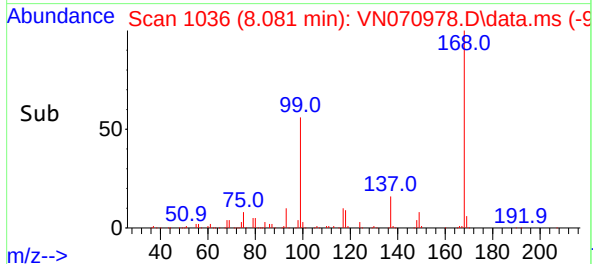
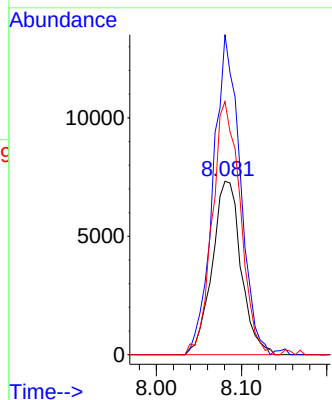
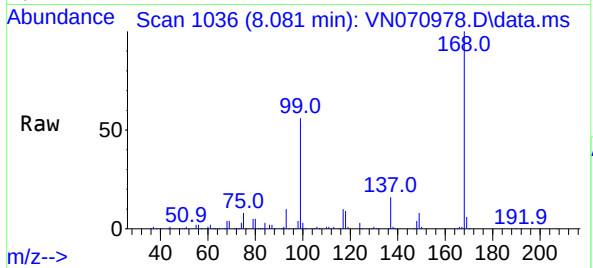




#31
Cyclohexane
Concen: 1.021 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

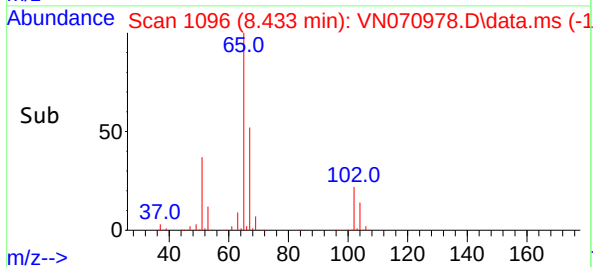
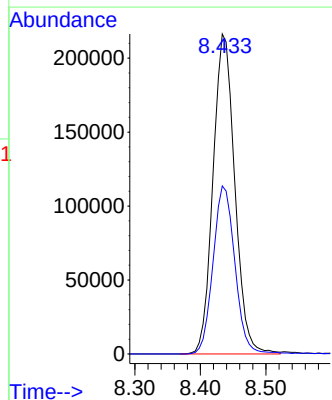
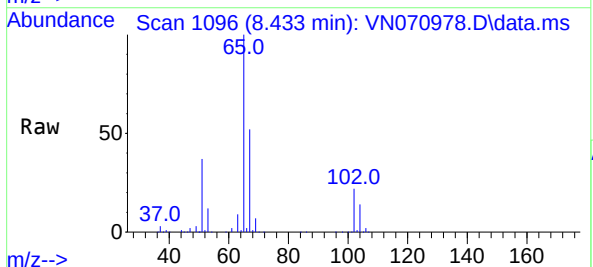
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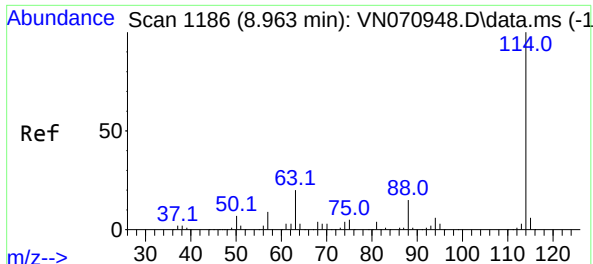
Tgt Ion: 56 Resp: 17247
Ion Ratio Lower Upper
56 100
69 184.5 27.1 40.7#
84 146.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.089 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 65 Resp: 498842
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

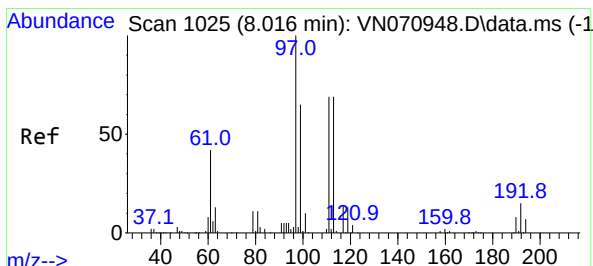
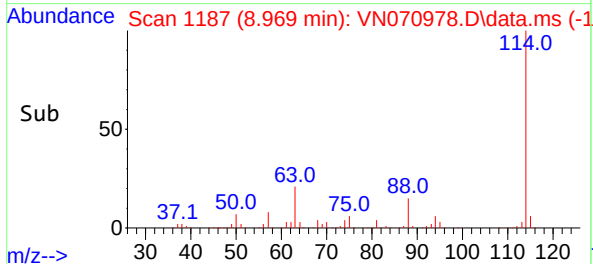
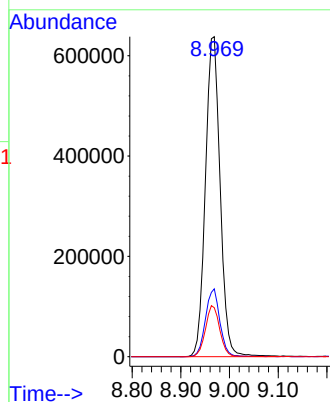
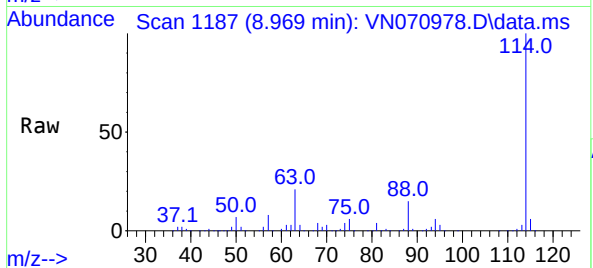




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

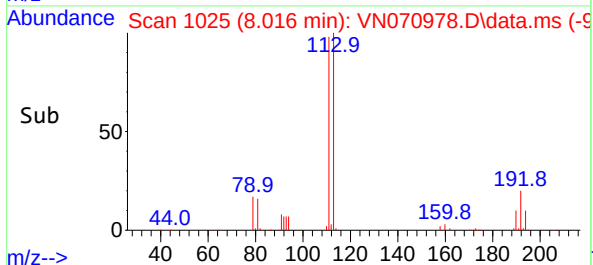
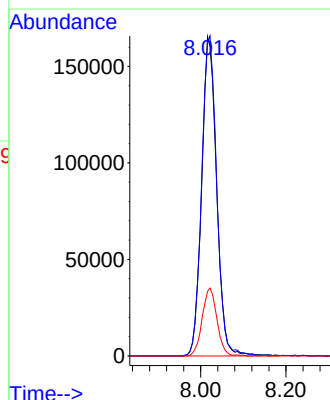
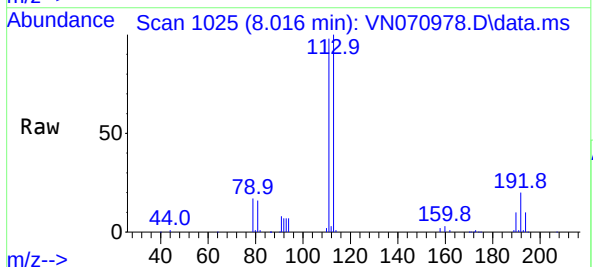
Instrument :
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INTERCEPTOR-SUMP-20220215

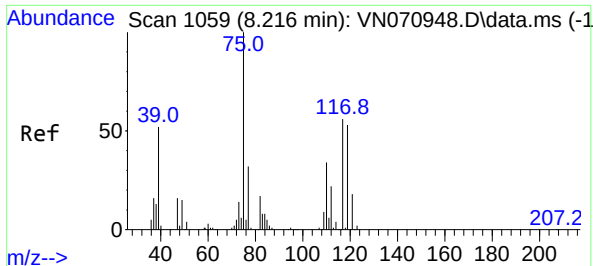
Tgt Ion:114 Resp: 1335582
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.643 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion:113 Resp: 402307
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.0 16.9 25.3

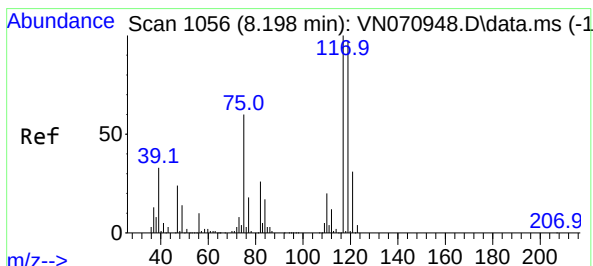
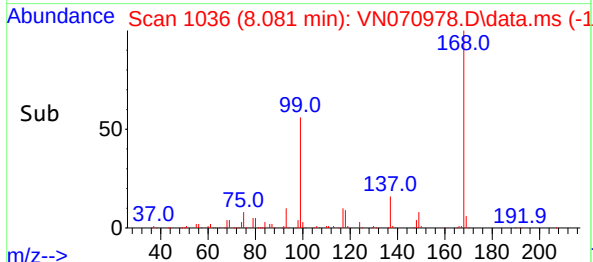
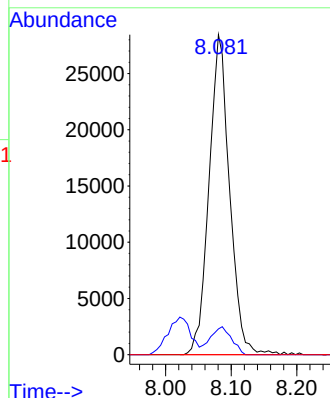
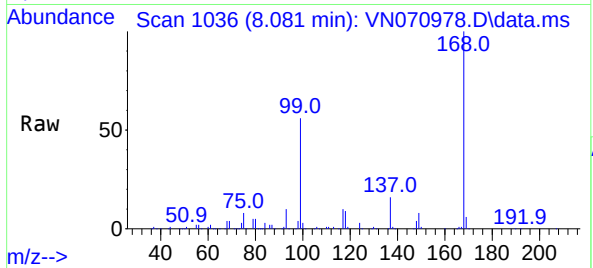




#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

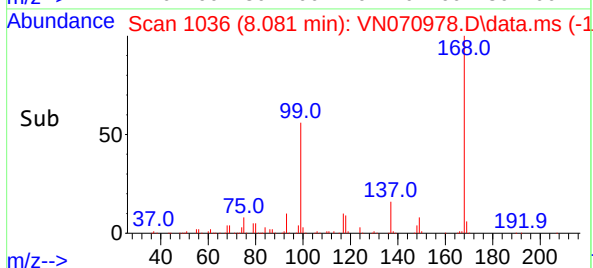
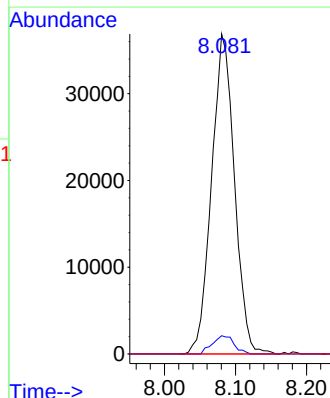
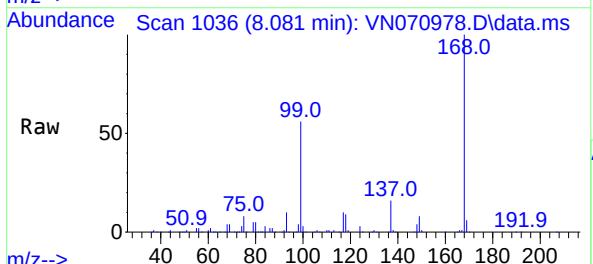
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

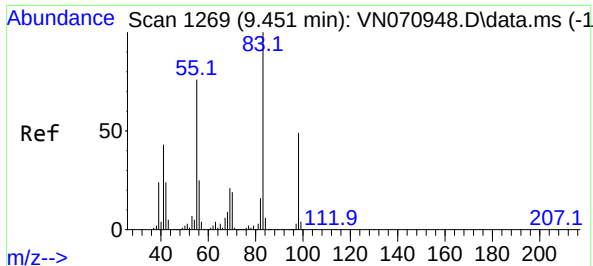
Tgt Ion: 75 Resp: 61952
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 117 Resp: 82439
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.549 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. -0.235 min

Lab File: VN070978.D

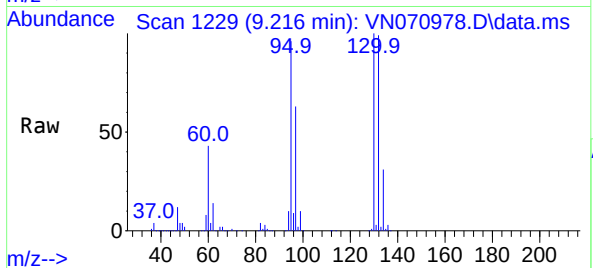
Acq: 17 Feb 2022 14:39

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20220215



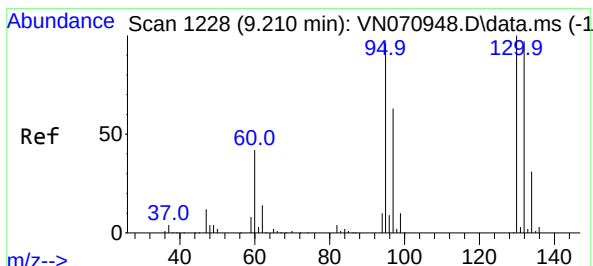
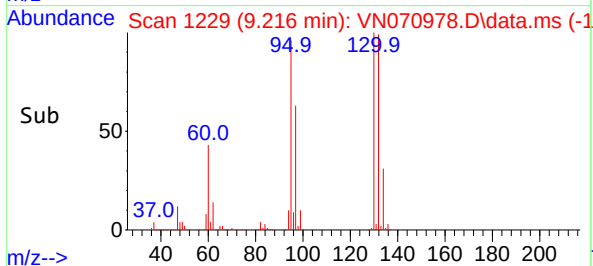
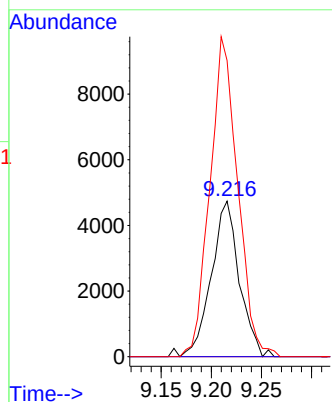
Tgt Ion: 83 Resp: 9199

Ion Ratio Lower Upper

83 100

55 0.0 58.1 87.1#

98 190.5 38.4 57.6#



#44

Trichloroethene

Concen: 78.211 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN070978.D

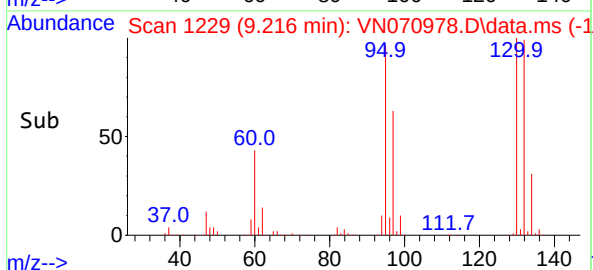
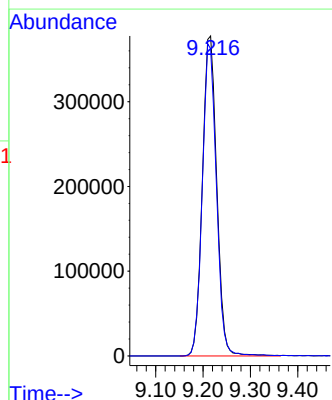
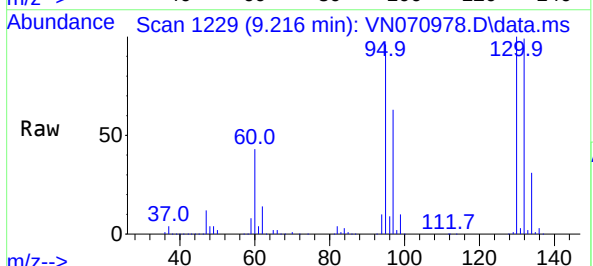
Acq: 17 Feb 2022 14:39

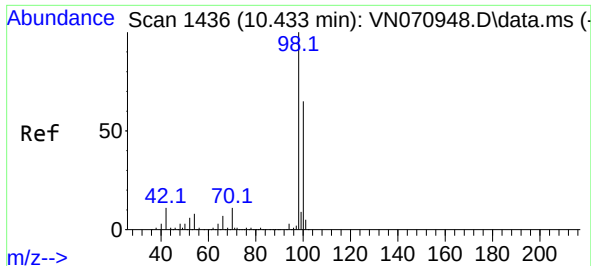
Tgt Ion: 130 Resp: 792882

Ion Ratio Lower Upper

130 100

95 96.0 0.0 191.2

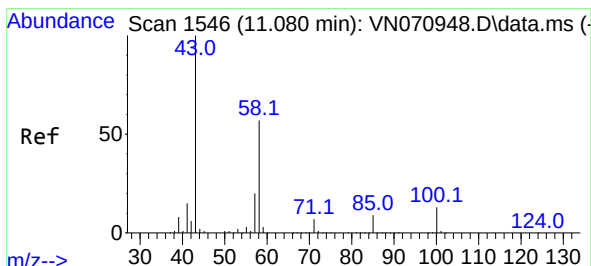
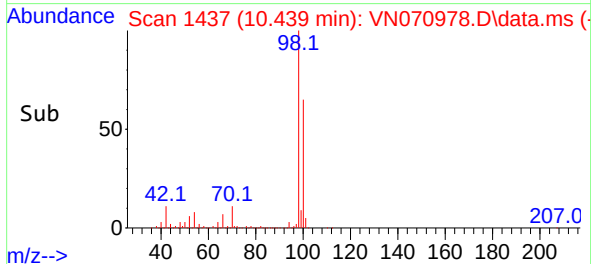
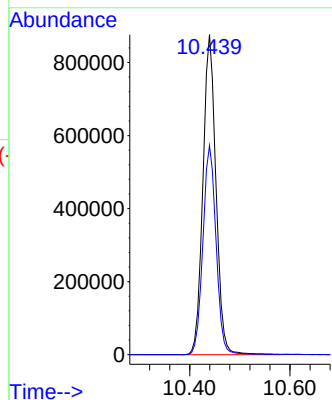
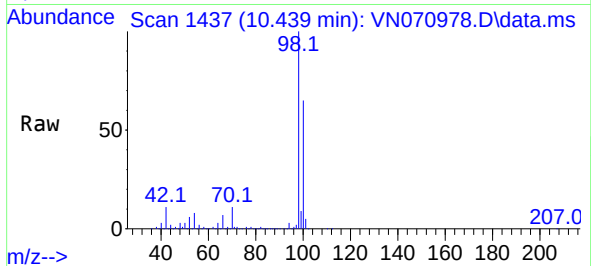




#50
Toluene-d8
Concen: 49.698 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

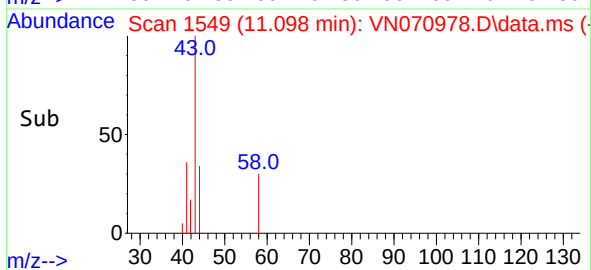
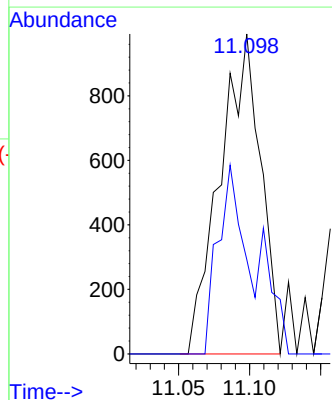
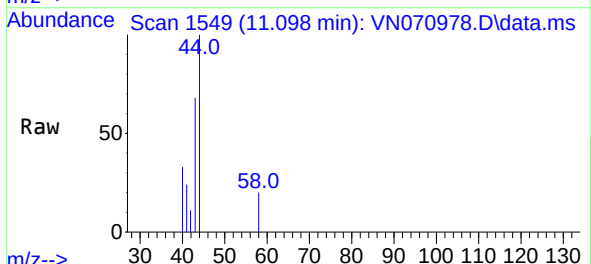
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

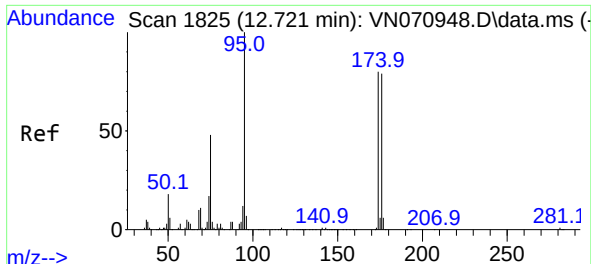
Tgt Ion: 98 Resp: 1585493
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6



#59
2-Hexanone
Concen: 0.215 ug/l
RT: 11.098 min Scan# 1549
Delta R.T. 0.018 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 38.4 26.9 80.7



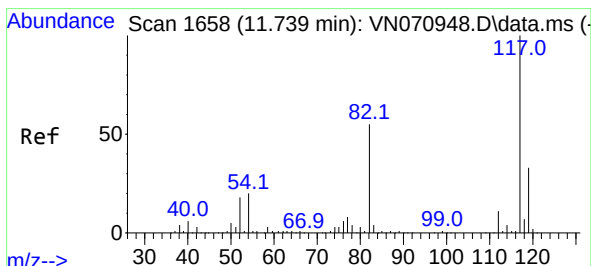
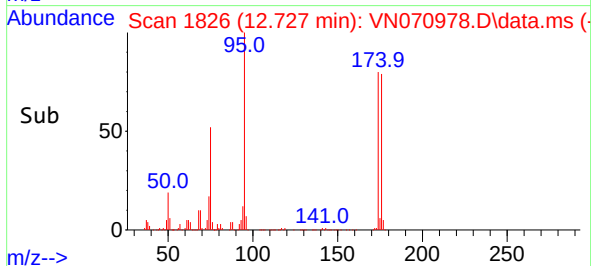
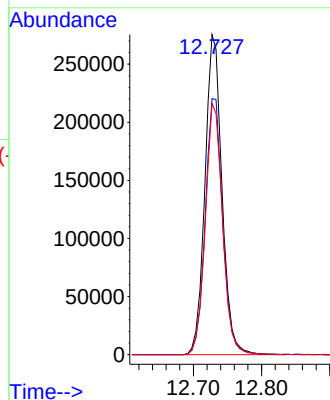
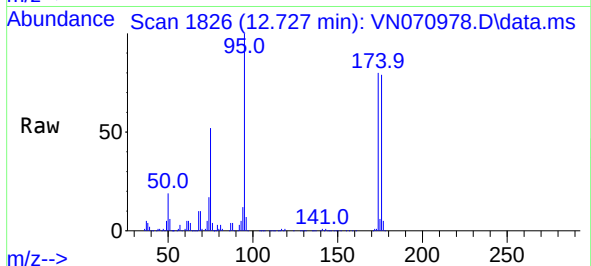


#62
4-Bromofluorobenzene
Concen: 41.864 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Instrument : MSVOA_N
ClientSampleId : INTERCEPTOR-SUMP-20220215

Tgt Ion: 95 Resp: 477394

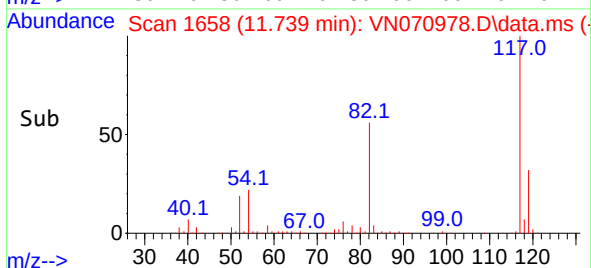
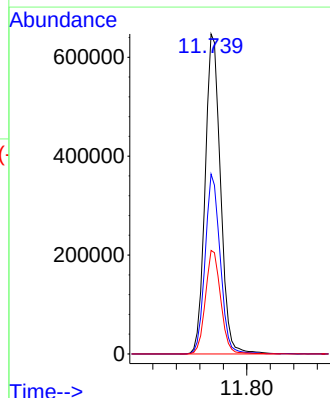
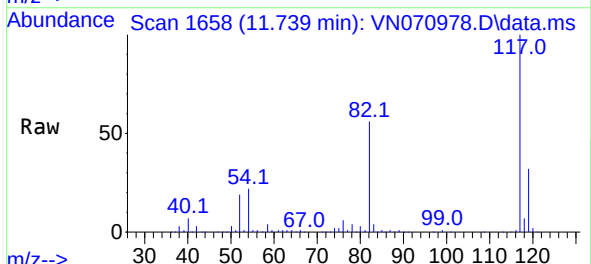
Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	187.2
176	79.1	0.0	181.4

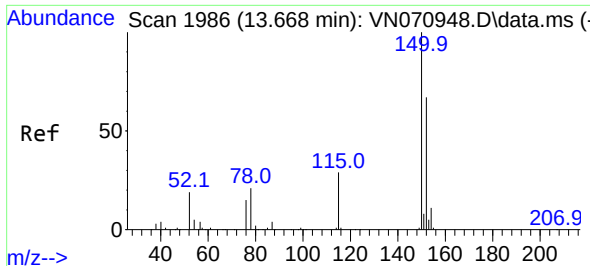


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 117 Resp: 1174592

Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.4	63.6
119	32.3	25.4	38.2

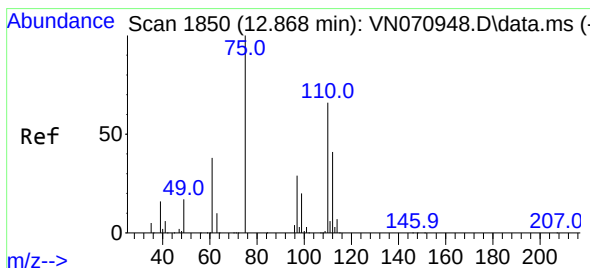
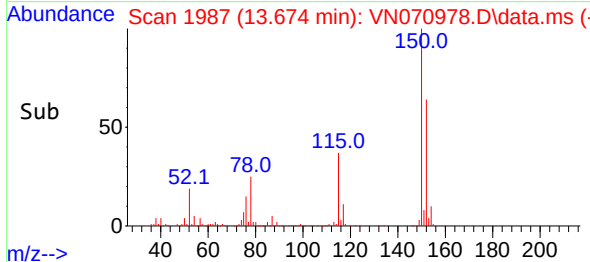
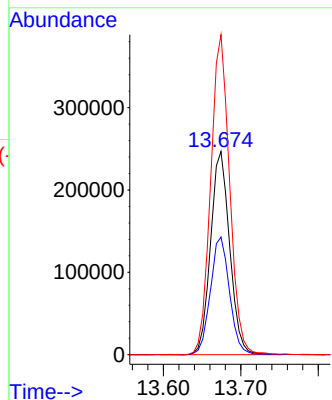
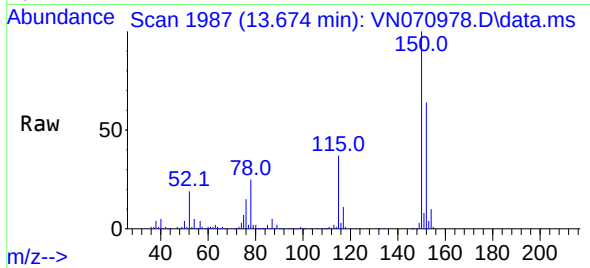




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN070978.D
 Acq: 17 Feb 2022 14:39

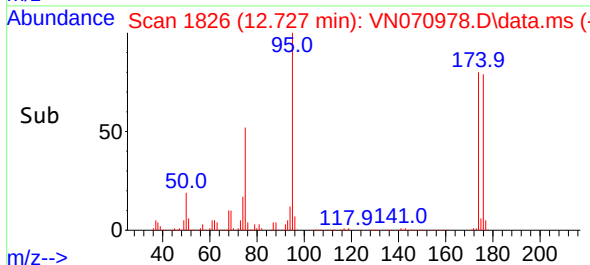
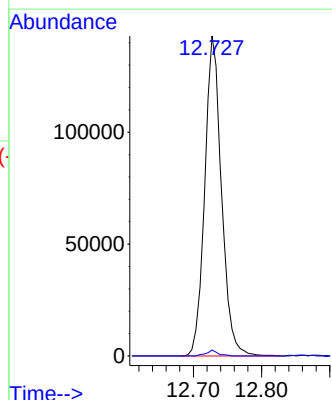
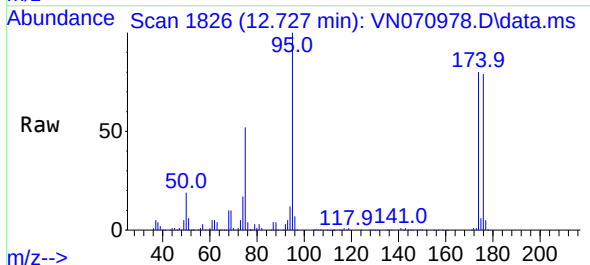
Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20220215

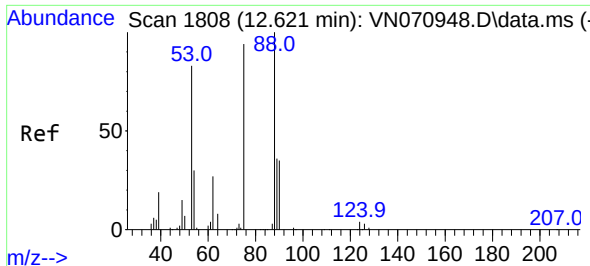
Tgt Ion:152 Resp: 423157
 Ion Ratio Lower Upper
 152 100
 115 58.0 27.5 82.5
 150 156.0 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 24.512 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN070978.D
 Acq: 17 Feb 2022 14:39

Tgt Ion: 75 Resp: 244224
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#

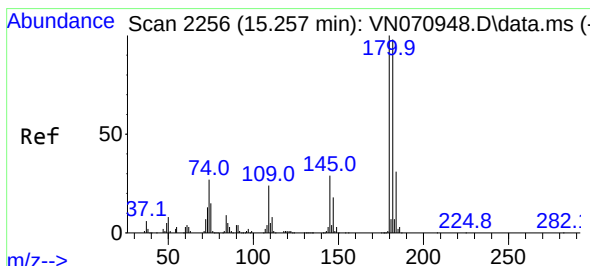
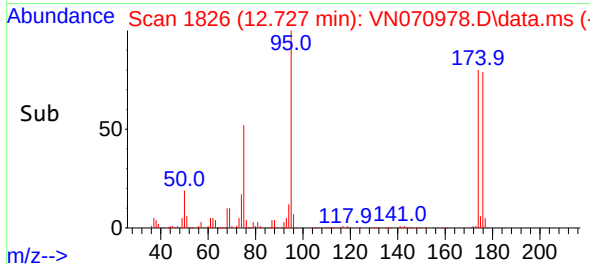
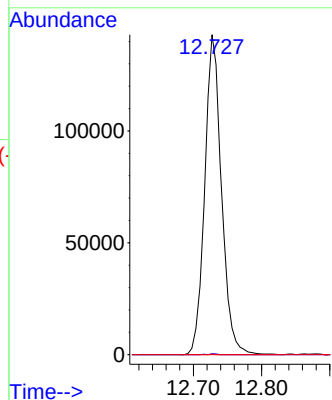
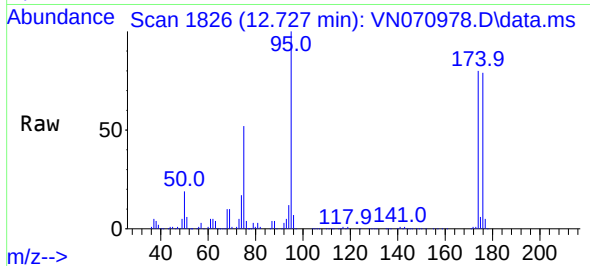




#81
trans-1,4-Dichloro-2-butene
Concen: 79.432 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

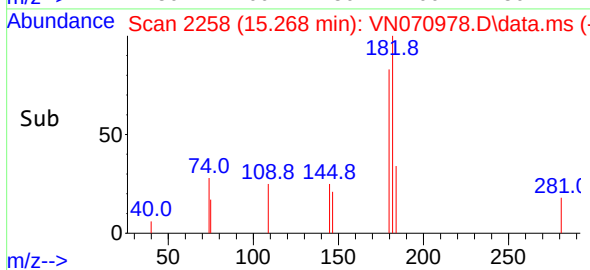
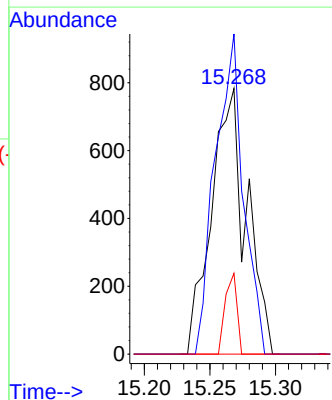
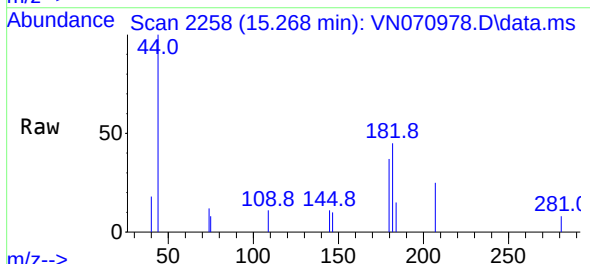
Instrument : MSVOA_N
ClientSampleId : INTERCEPTOR-SUMP-20220215

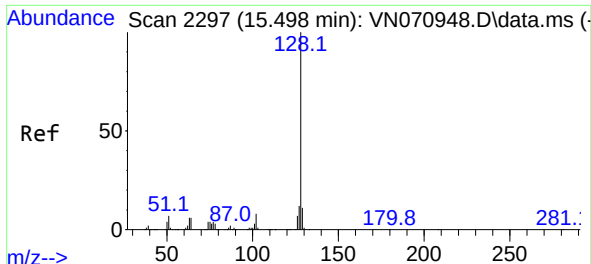
Tgt Ion: 75 Resp: 244224
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.178 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion: 180 Resp: 1455
Ion Ratio Lower Upper
180 100
182 96.7 48.3 144.9
145 10.0 14.5 43.5#

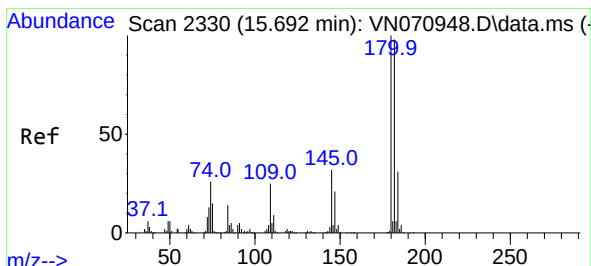
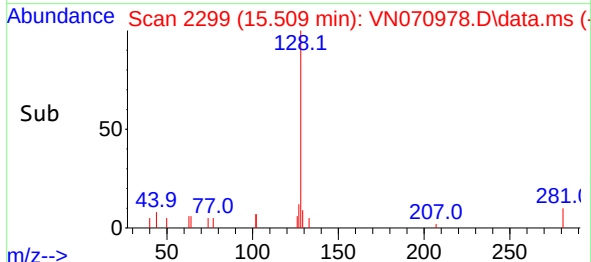
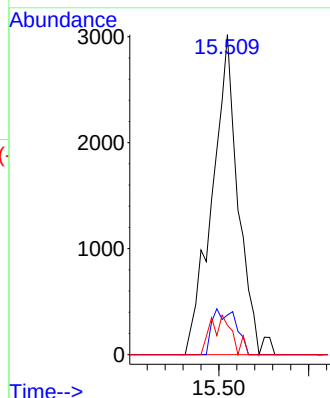
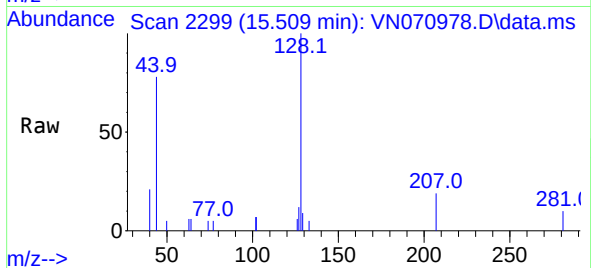




#95
Naphthalene
Concen: 5.281 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20220215

Tgt Ion:128	Resp:	6118
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.5 15.7
129	10.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.747 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN070978.D
Acq: 17 Feb 2022 14:39

Tgt Ion:180	Resp:	1749
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.4 142.2
145	28.1	15.0 45.1

