

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022240.D
 Acq On : 27 May 2021 18:14
 Operator : JC/MD
 Sample : M2526-18DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

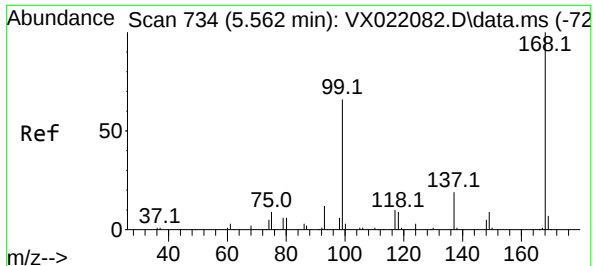
Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20210525DL

Quant Time: May 28 01:33:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	68534	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55535	52.53	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	105.06%		
35) Dibromofluoromethane	5.391	113	42323	46.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.96%		
50) Toluene-d8	8.653	98	174590	50.31	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.62%		
62) 4-Bromofluorobenzene	11.085	95	58626	45.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	212	0.25	ug/l	# 42
5) Bromomethane	1.612	94	302	0.54	ug/l	# 54
10) Methyl Iodide	2.447	142	265	0.30	ug/l	# 84
11) Tert butyl alcohol	2.947	59	1909	7.89	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	362	0.46	ug/l	# 48
13) Acrolein	2.258	56	138	0.86	ug/l	# 54
16) Acetone	2.386	43	796	1.73	ug/l	# 80
17) Carbon Disulfide	2.520	76	467	0.23	ug/l	# 75
20) Methylene Chloride	2.794	84	844	0.83	ug/l	# 84
21) trans-1,2-Dichloroethene	3.105	96	466	0.55	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	14751	14.20	ug/l	90
31) Cyclohexane	5.556	56	1989	1.50	ug/l	# 15
36) 1,1-Dichloropropene	5.562	75	6424	4.89	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	7835	6.10	ug/l	# 17
44) Trichloroethene	7.129	130	60150	59.88	ug/l	98
68) m/p-Xylenes	10.305	106	386	0.21	ug/l	# 46
76) 1,2,3-Trichloropropane	11.085	75	30656	26.84	ug/l	# 39
78) n-propylbenzene	11.305	91	1107	0.24	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	30656	63.59	ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.756	105	1278	0.39	ug/l	83
88) 1,4-Dichlorobenzene	12.049	146	356	0.21	ug/l	# 25
89) n-Butylbenzene	12.335	91	749	0.24	ug/l	82
90) Hexachloroethane	12.707	117	125	0.23	ug/l	# 9
93) 1,2,4-Trichlorobenzene	13.591	180	228	0.25	ug/l	90
94) Hexachlorobutadiene	13.719	225	140	0.39	ug/l	# 19
95) Naphthalene	13.780	128	960	0.27	ug/l	98

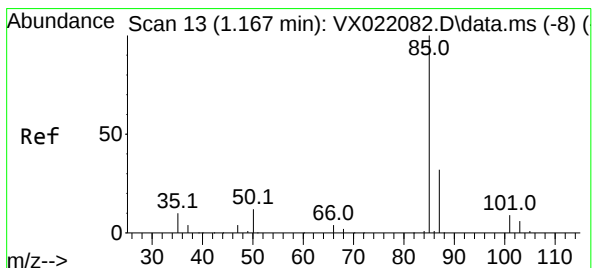
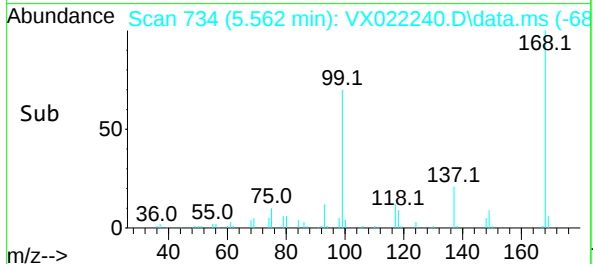
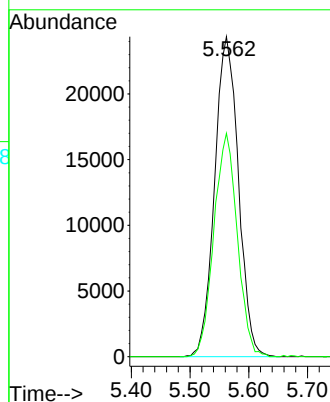
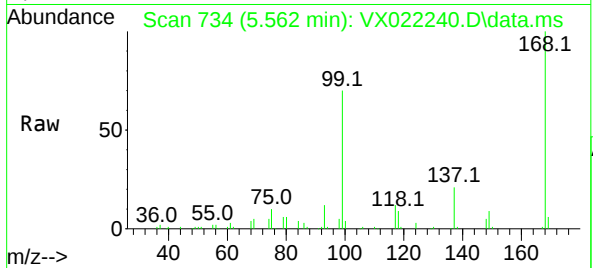
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

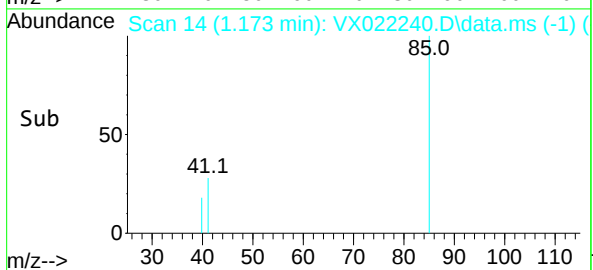
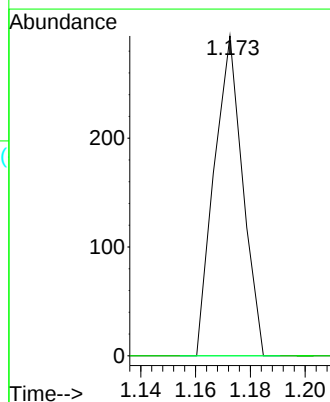
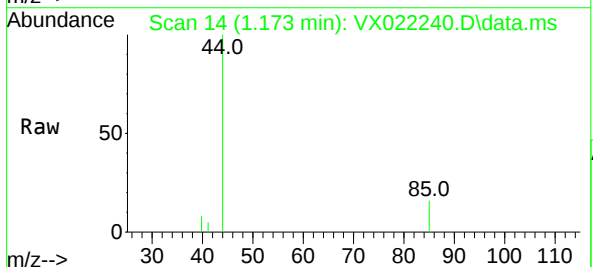
Instrument :
MSVOA_X
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INTERCEPTOR-SUMP-20210525DL

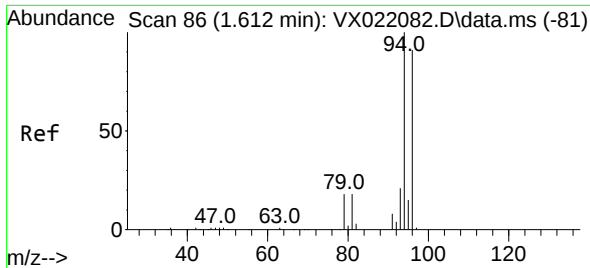
Tgt Ion:168 Resp: 68534
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.25 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 85 Resp: 212
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

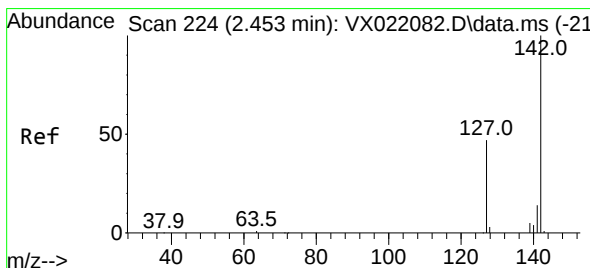
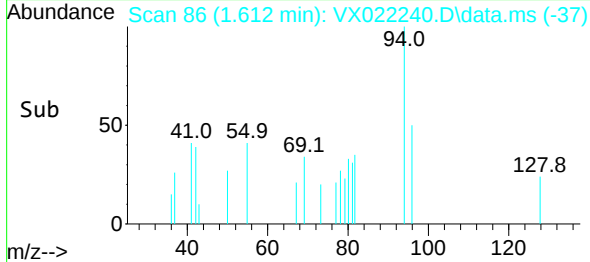
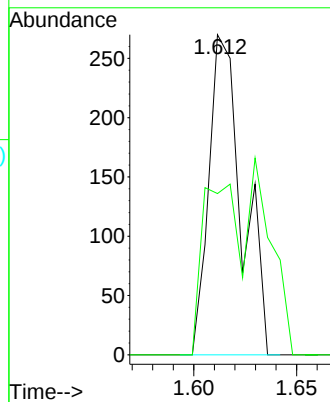
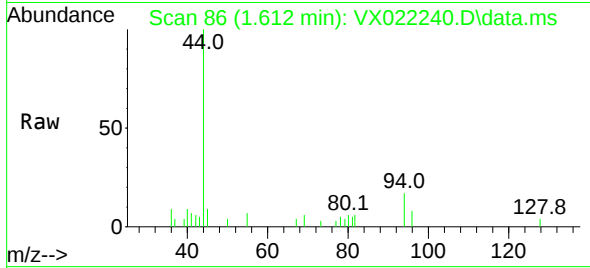




#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

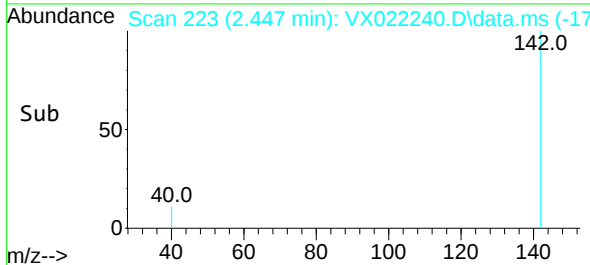
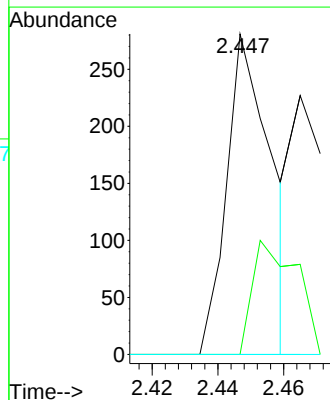
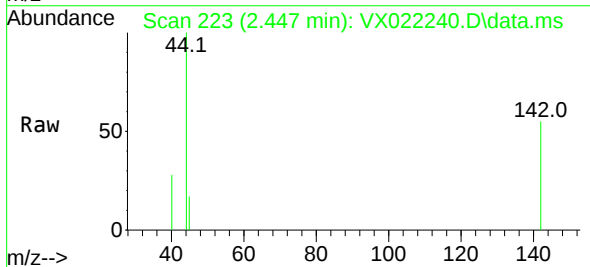
Instrument :
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ClientSampleId :
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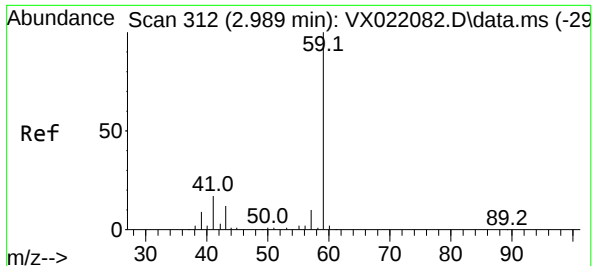
Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 50.4 76.4 114.6#



#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 142 Resp: 265
Ion Ratio Lower Upper
142 100
127 35.5 33.3 49.9
141 0.0 11.4 17.0#



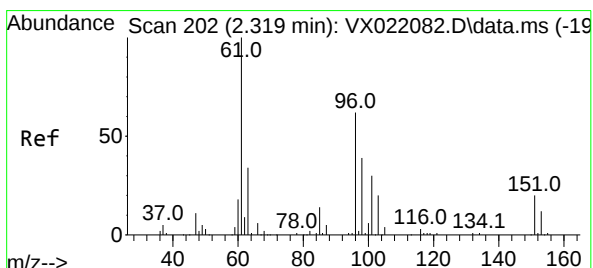
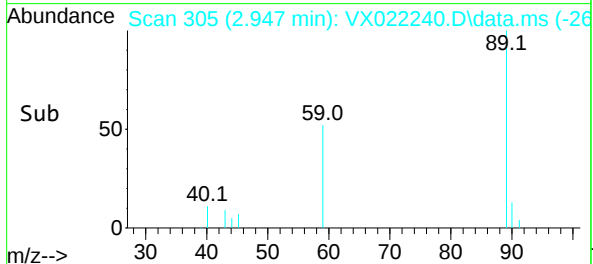
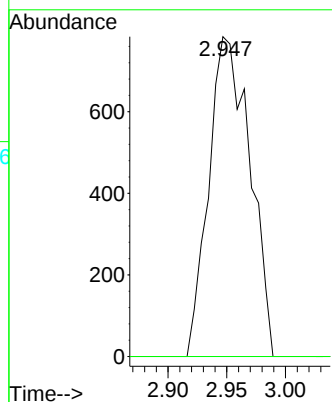
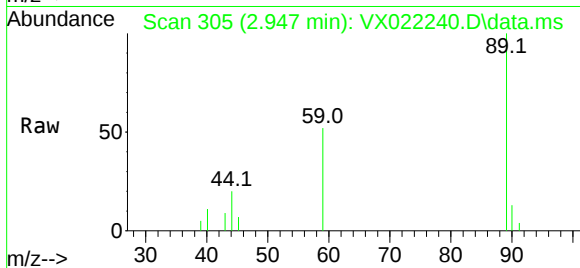


#11

Tert butyl alcohol
Concen: 7.89 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

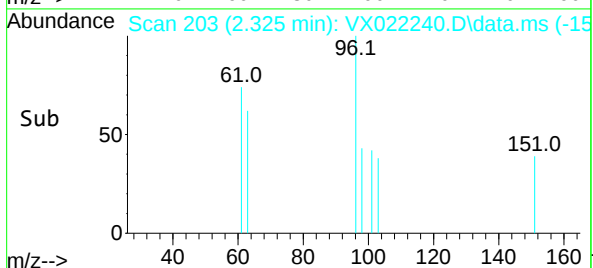
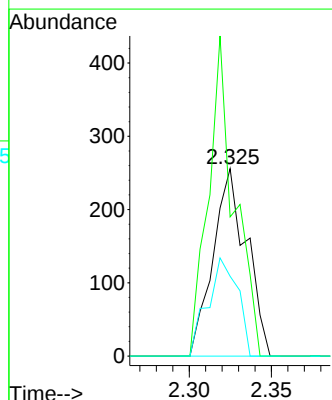
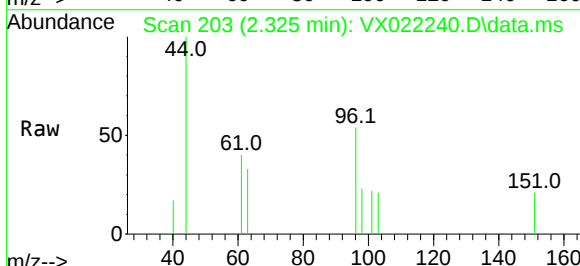
Tgt Ion: 59 Resp: 1909
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

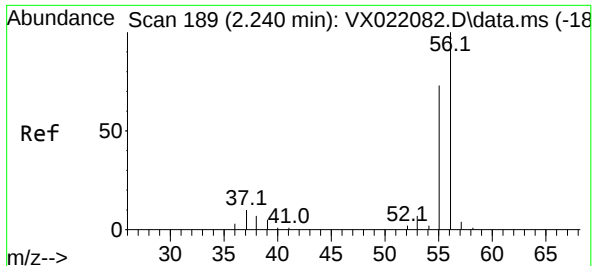


#12

1,1-Dichloroethene
Concen: 0.46 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 96 Resp: 362
Ion Ratio Lower Upper
96 100
61 74.2 124.6 187.0#
98 42.6 50.6 76.0#

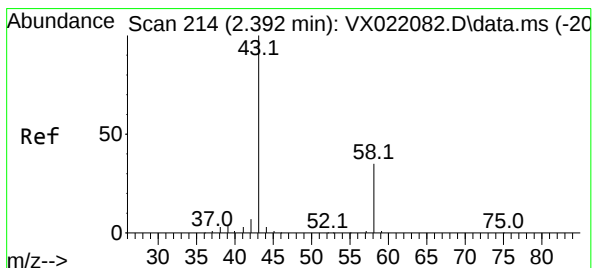
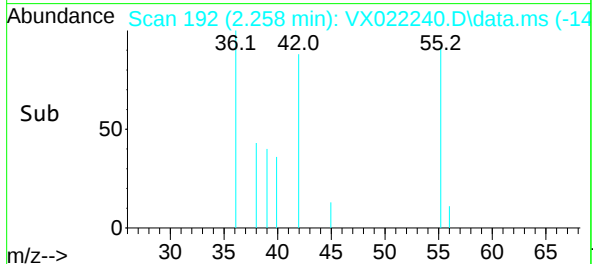
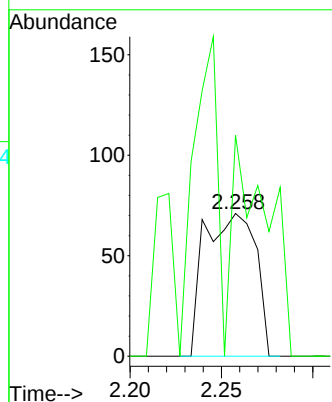
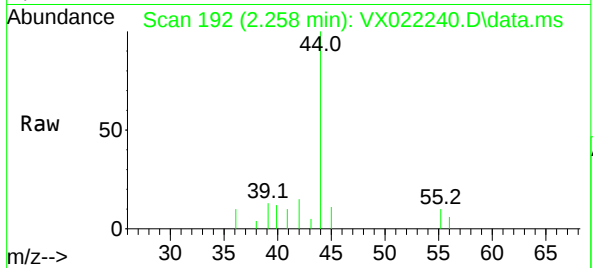




#13
Acrolein
Concen: 0.86 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

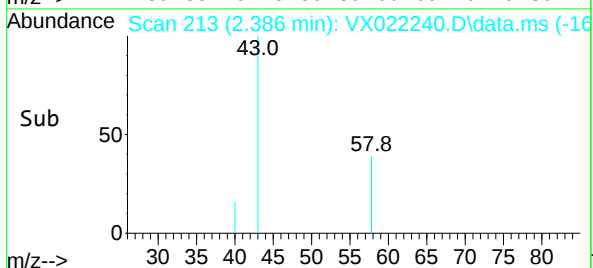
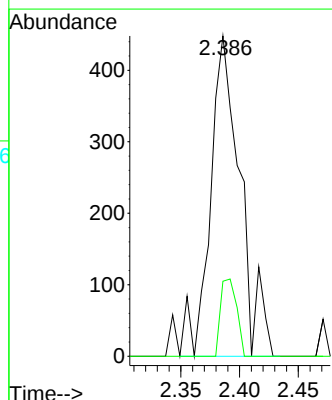
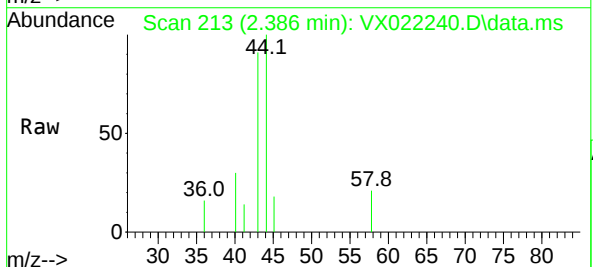
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

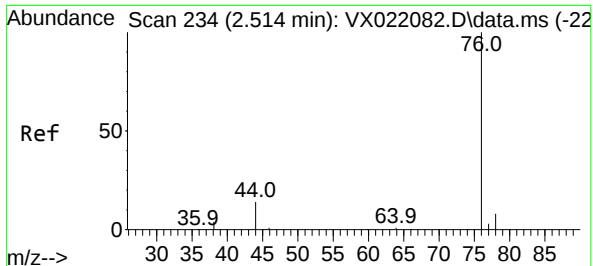
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 108.7 56.4 84.6#



#16
Acetone
Concen: 1.73 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

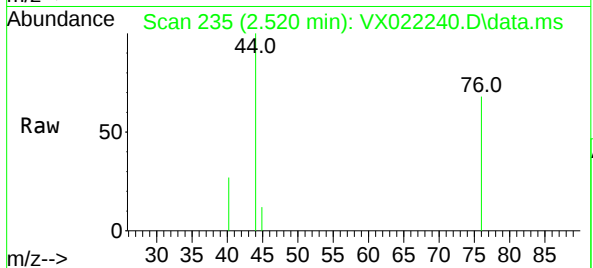
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#



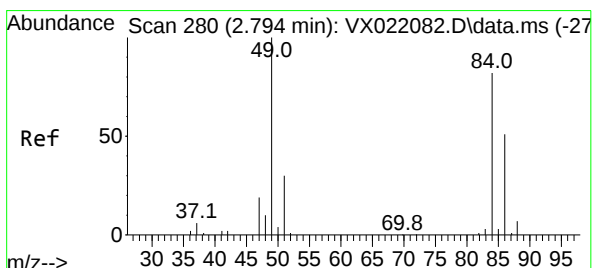
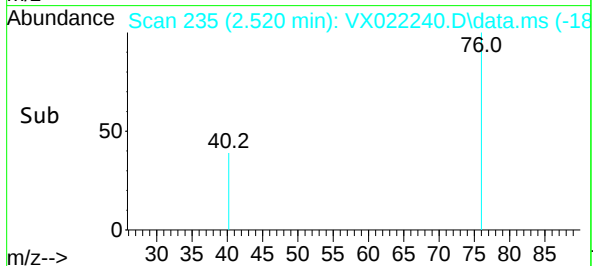
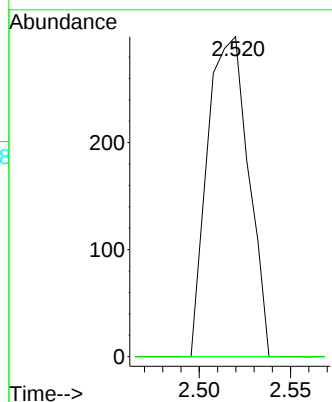


#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

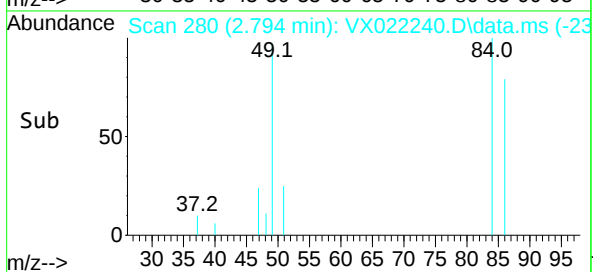
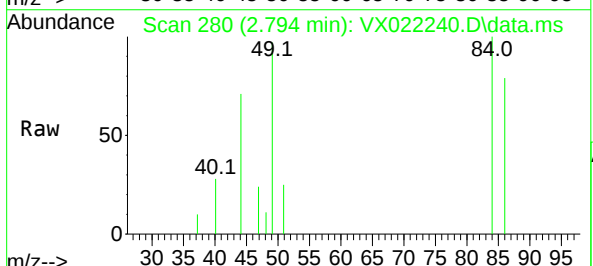
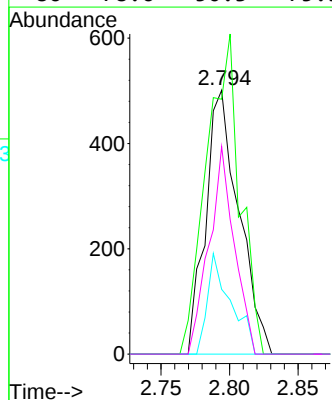


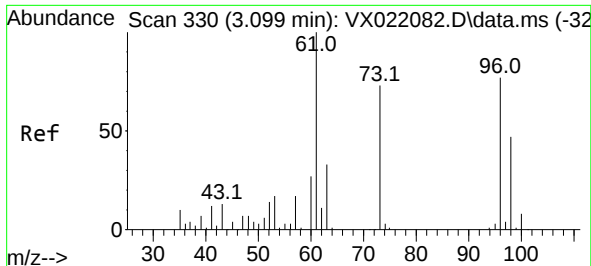
Tgt Ion: 76 Resp: 467
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.83 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

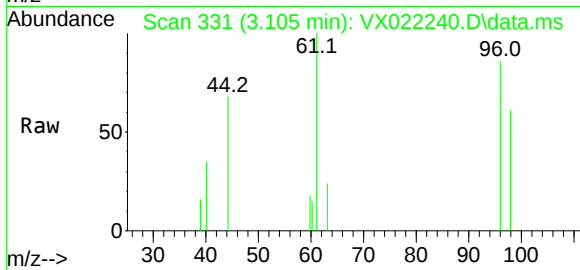
Tgt Ion: 84 Resp: 844
Ion Ratio Lower Upper
84 100
49 96.6 88.6 132.8
51 24.6 27.0 40.6#
86 78.6 50.3 75.5#





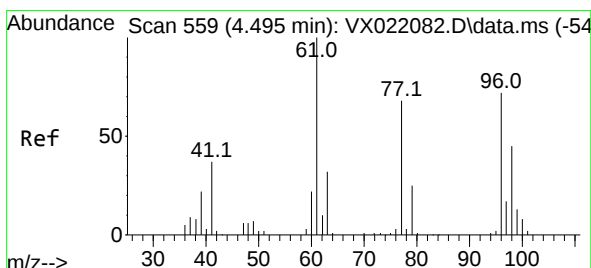
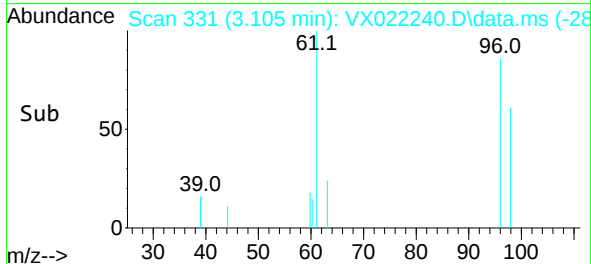
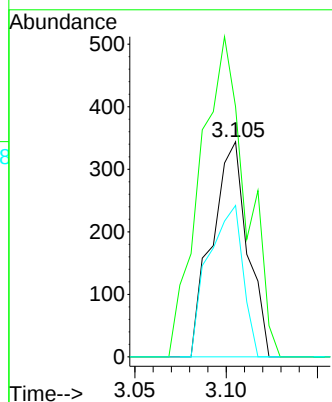
#21
trans-1,2-Dichloroethene
Concen: 0.55 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Instrument :
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ClientSampleId :
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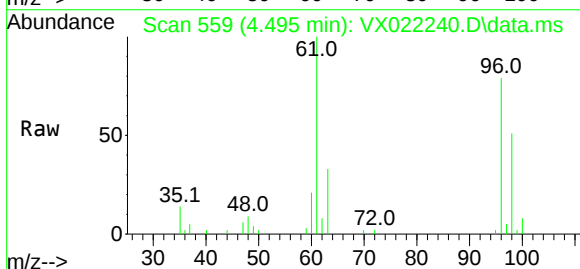


Tgt Ion: 96 Resp: 466

Ion	Ratio	Lower	Upper
96	100		
61	116.3	107.7	161.5
98	70.3	50.4	75.6

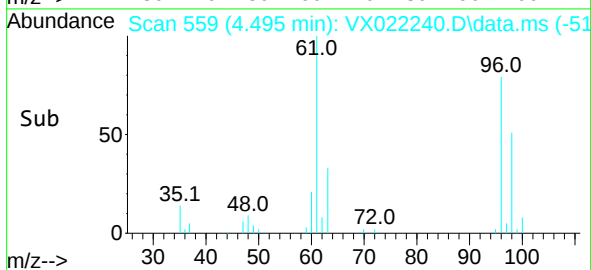
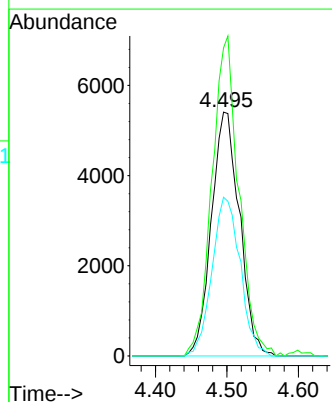


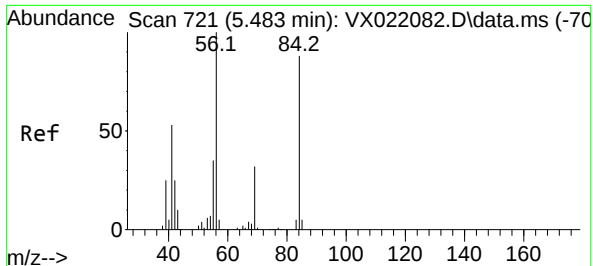
#27
cis-1,2-Dichloroethene
Concen: 14.20 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14



Tgt Ion: 96 Resp: 14751

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	285.6
98	65.3	0.0	129.6

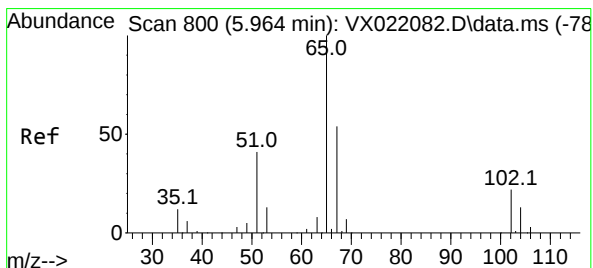
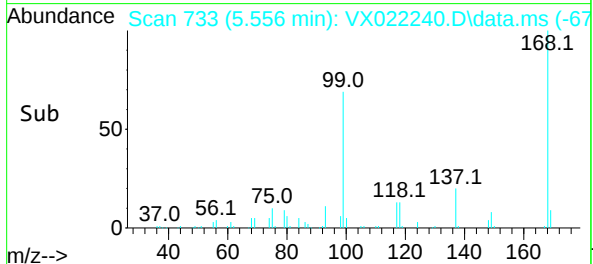
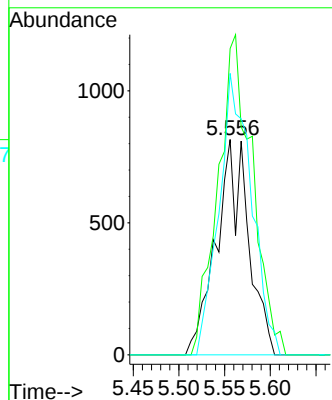
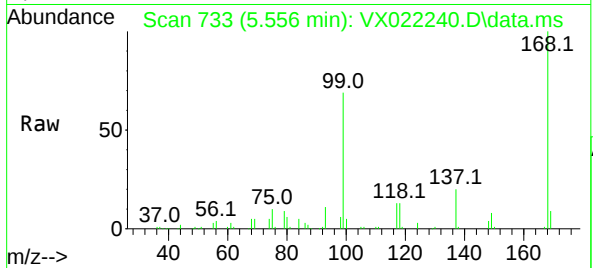




#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

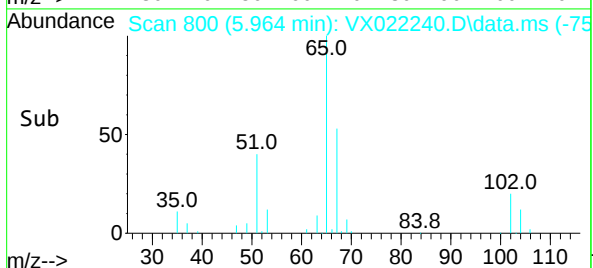
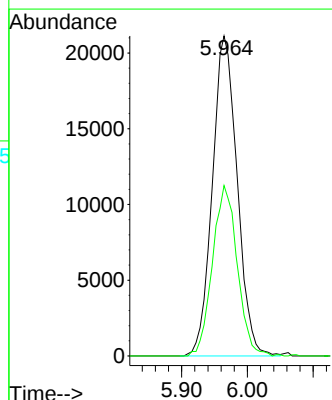
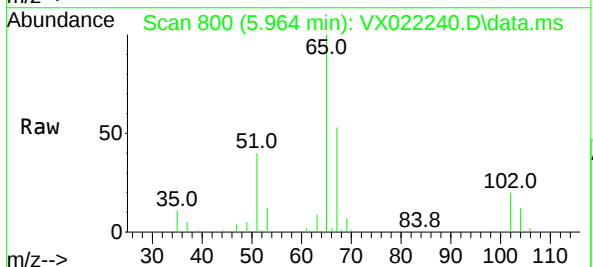
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INTERCEPTOR-SUMP-20210525DL

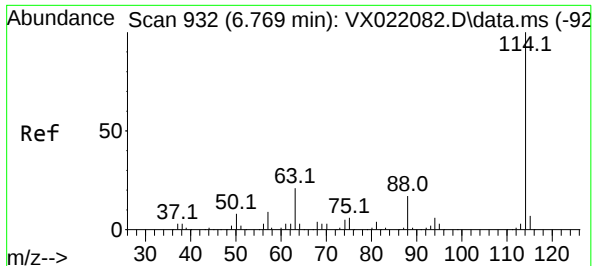
Tgt Ion: 56 Resp: 1989
Ion Ratio Lower Upper
56 100
69 142.2 25.3 37.9#
84 130.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.53 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 65 Resp: 55535
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

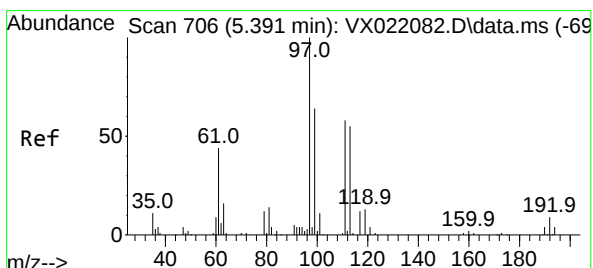
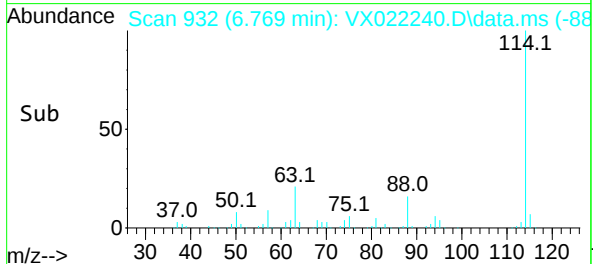
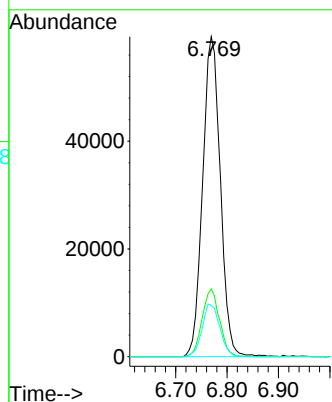
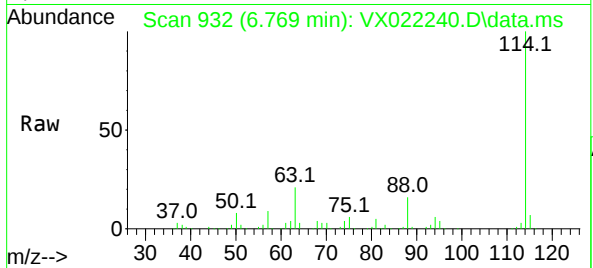




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

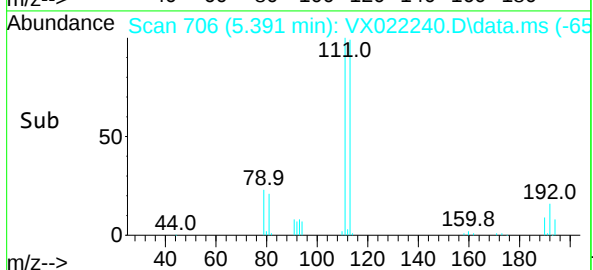
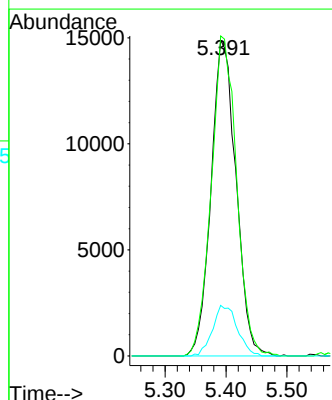
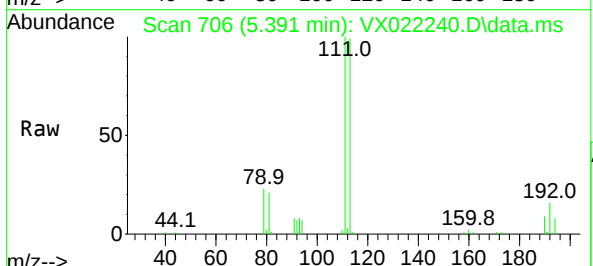
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

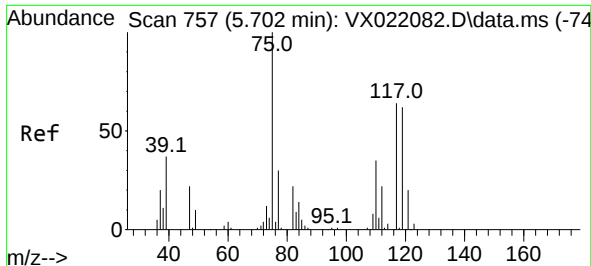
Tgt Ion:114 Resp: 142074
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.98 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion:113 Resp: 42323
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 15.8 16.7 25.1#

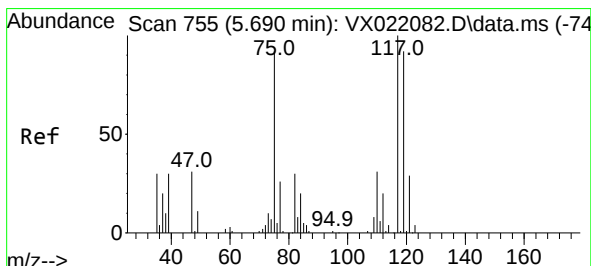
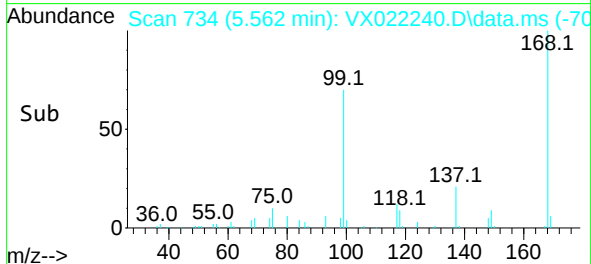
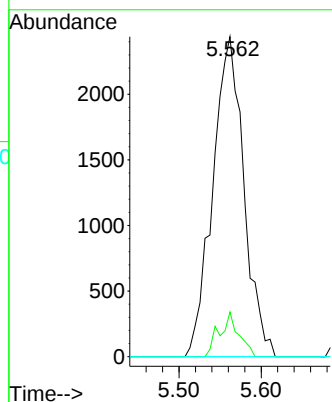
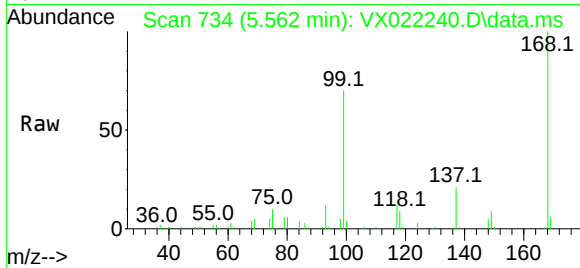




#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

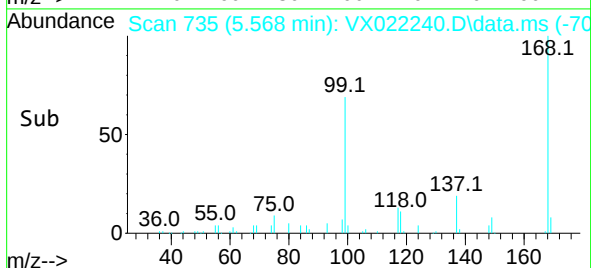
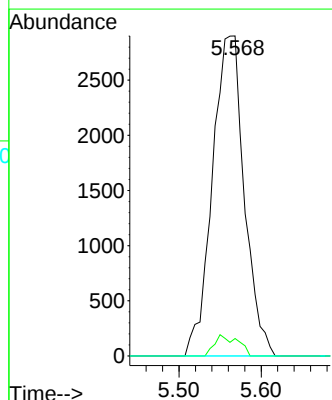
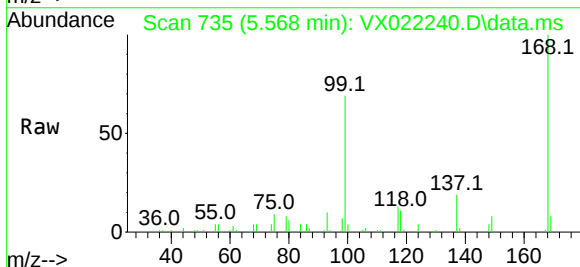
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

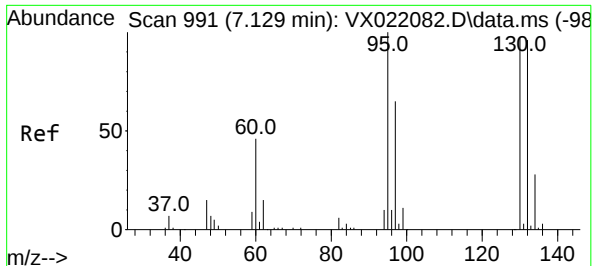
Tgt Ion: 75 Resp: 6424
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 117 Resp: 7835
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

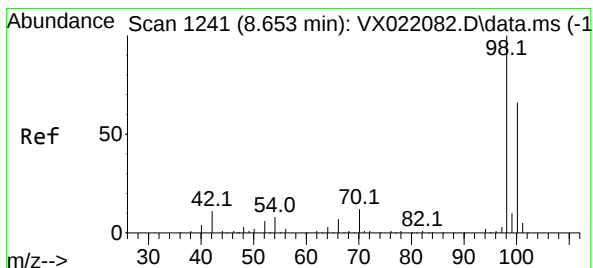
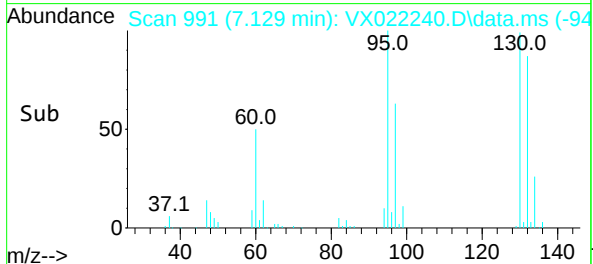
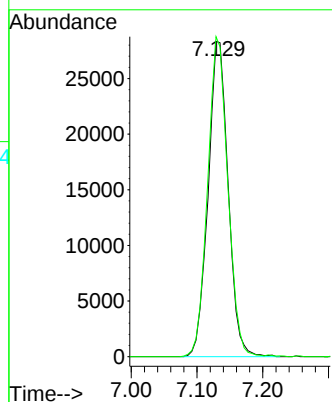
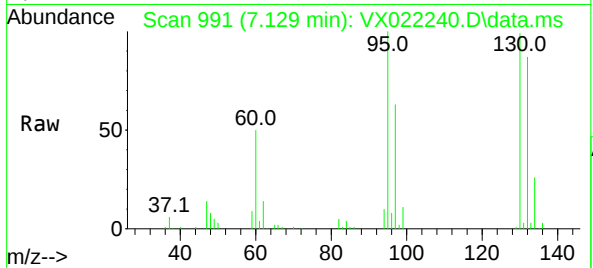




#44
Trichloroethene
Concen: 59.88 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

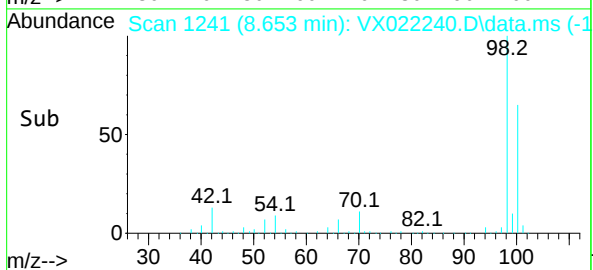
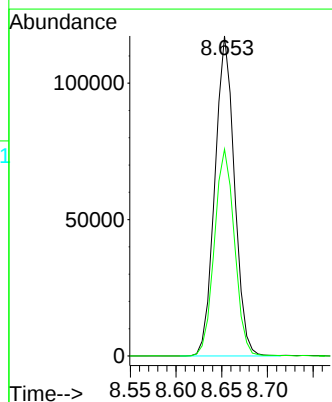
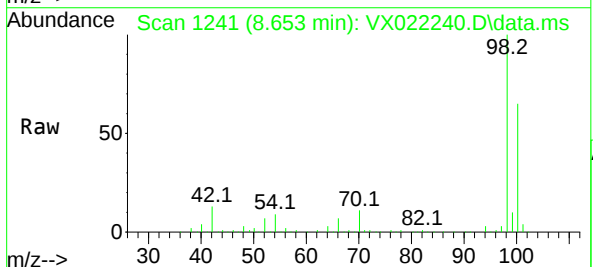
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

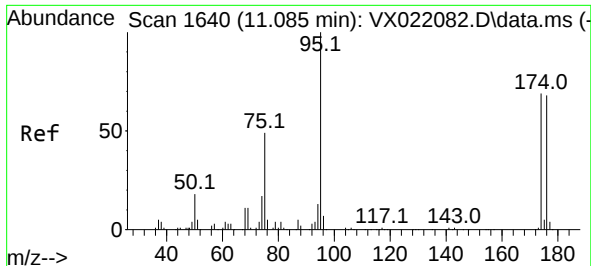
Tgt Ion:130 Resp: 60150
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.0



#50
Toluene-d8
Concen: 50.31 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 98 Resp: 174590
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

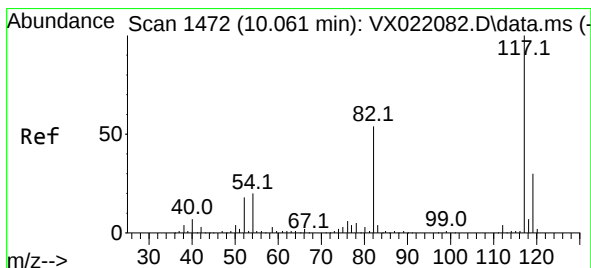
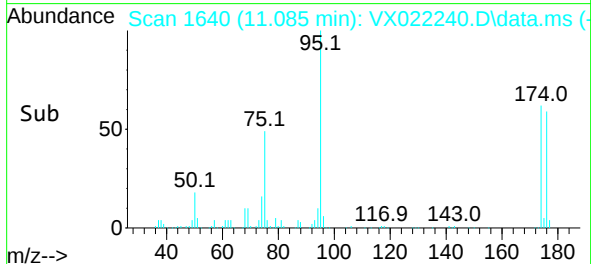
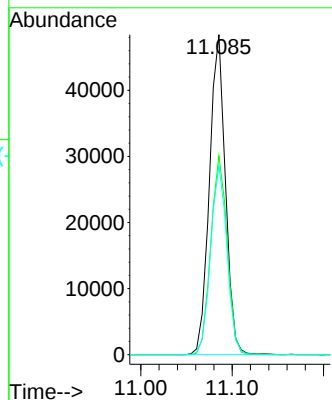
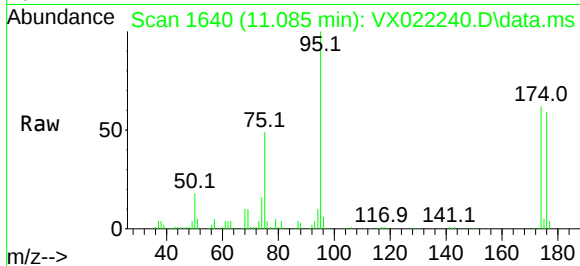




#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

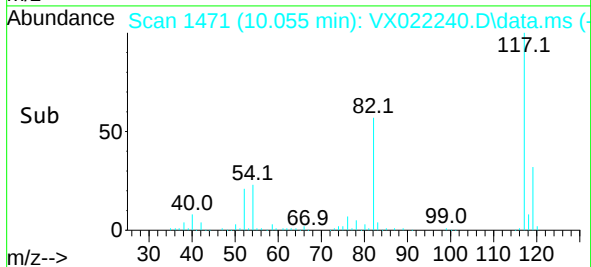
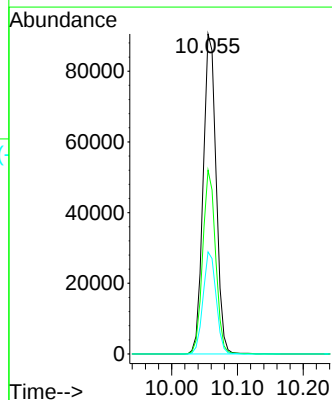
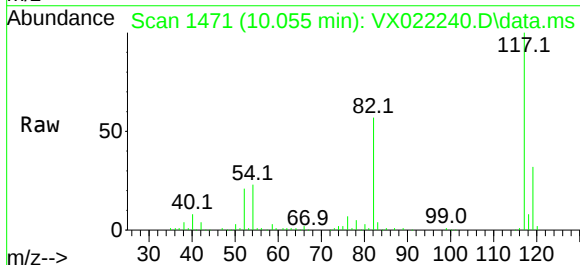
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

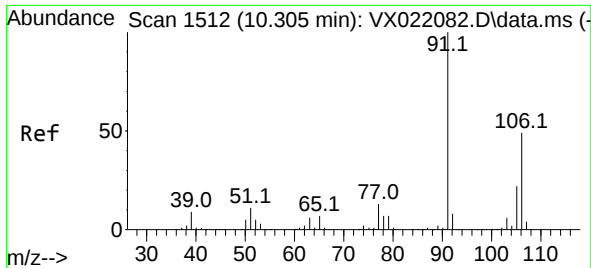
Tgt Ion: 95 Resp: 58626
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 117 Resp: 124250
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.9 26.6 39.8

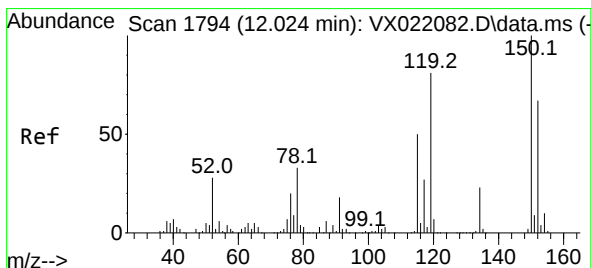
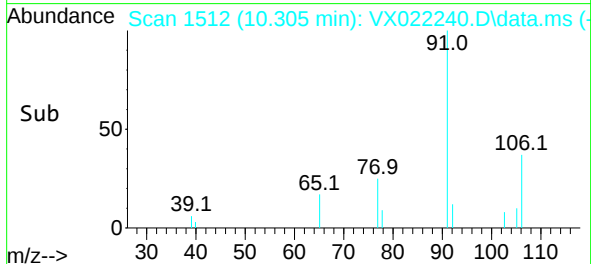
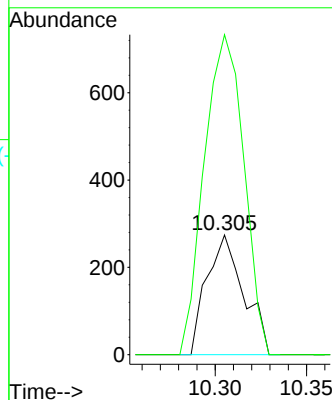
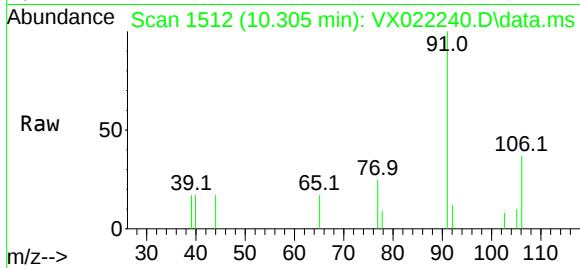




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

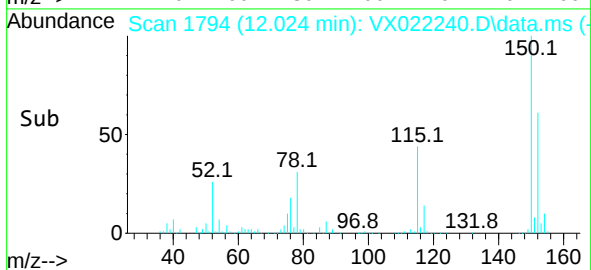
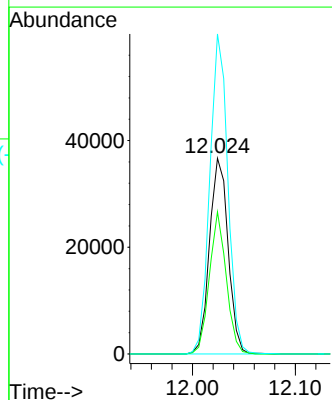
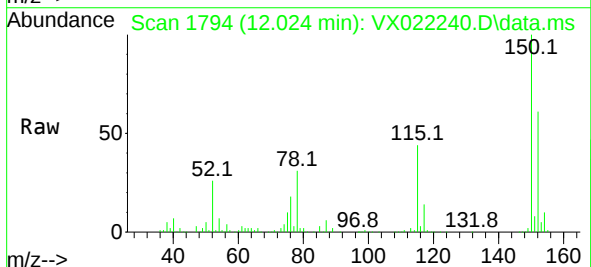
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

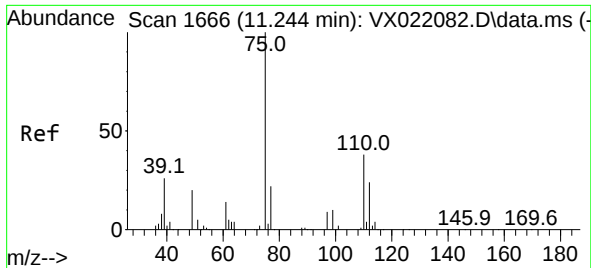
Tgt Ion:106 Resp: 386
Ion Ratio Lower Upper
106 100
91 286.5 162.8 244.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion:152 Resp: 46299
Ion Ratio Lower Upper
152 100
115 65.7 41.1 123.3
150 158.1 0.0 349.0

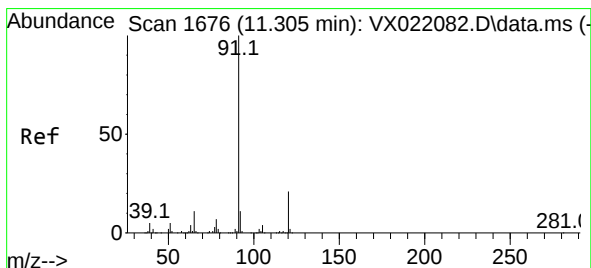
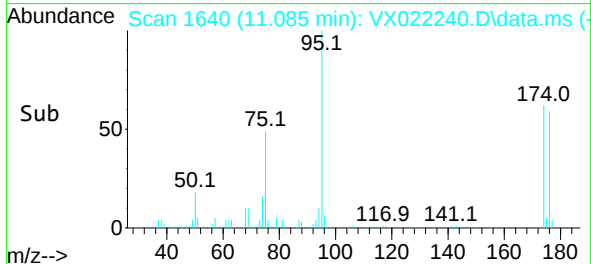
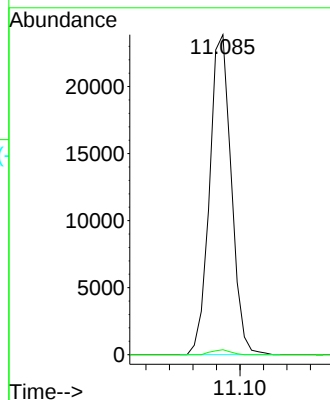
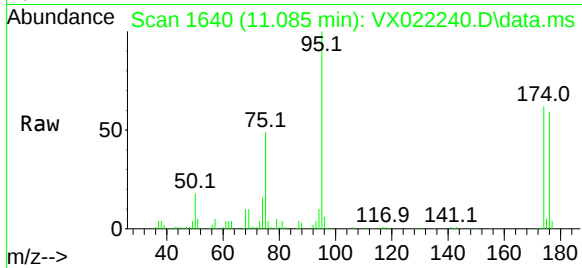




#76
1,2,3-Trichloropropane
Concen: 26.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

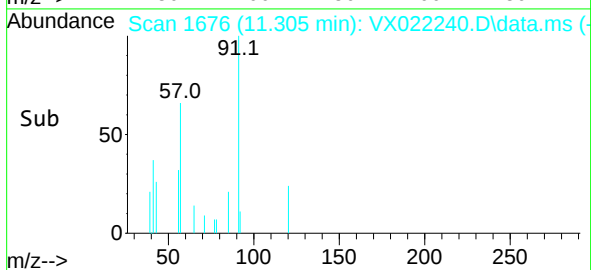
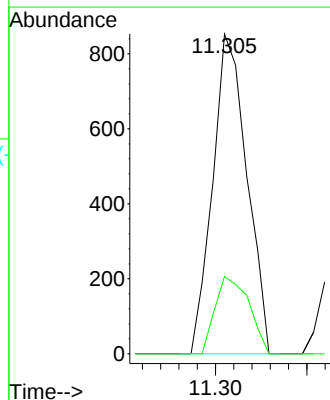
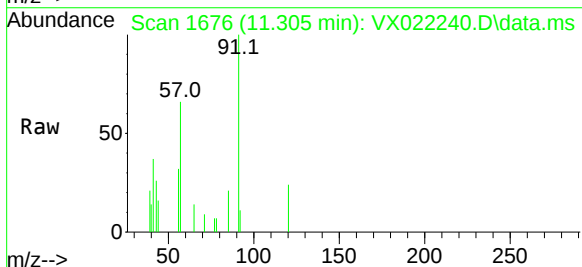
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

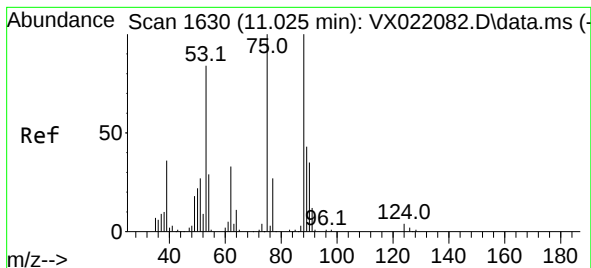
Tgt Ion: 75 Resp: 30656
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#78
n-propylbenzene
Concen: 0.24 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 91 Resp: 1107
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5

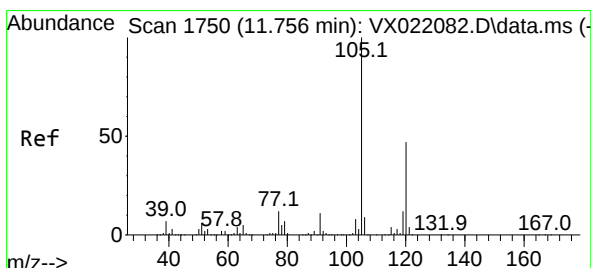
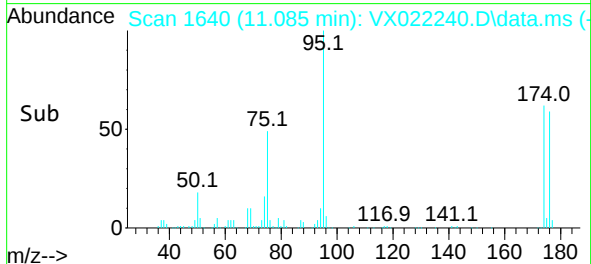
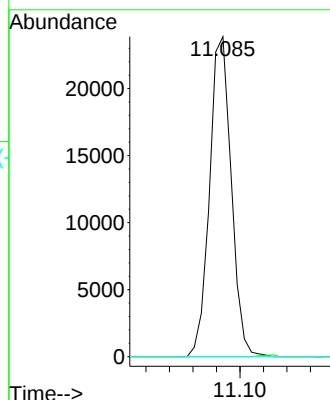
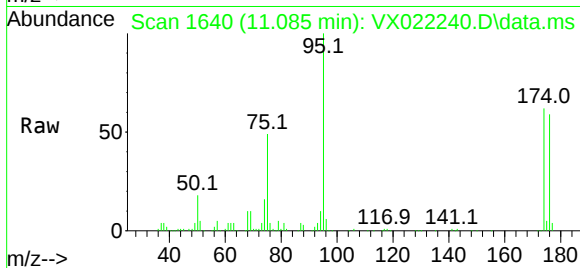




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.59 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022240.D
 Acq: 27 May 2021 18:14

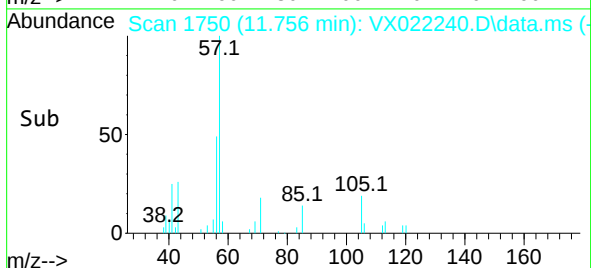
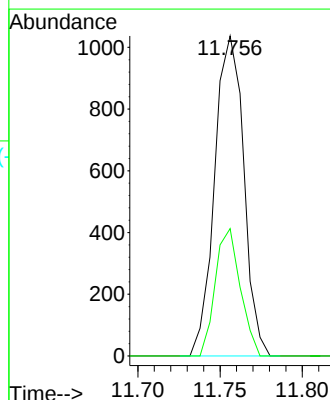
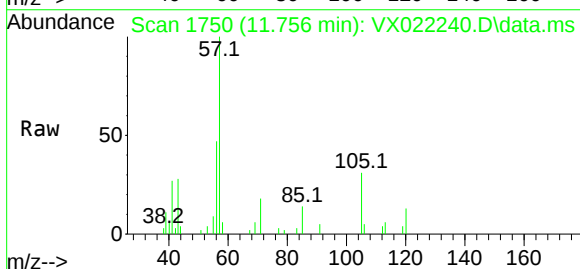
Instrument :
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 ClientSampleId :
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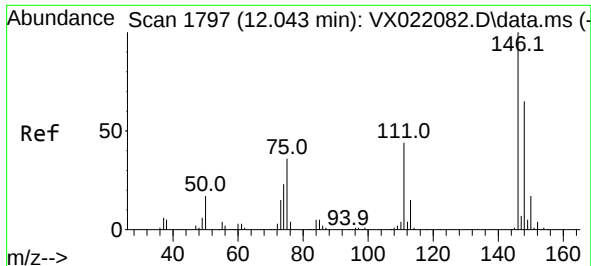
Tgt Ion: 75 Resp: 30656
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.39 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX022240.D
 Acq: 27 May 2021 18:14

Tgt Ion: 105 Resp: 1278
 Ion Ratio Lower Upper
 105 100
 120 34.0 22.4 67.3

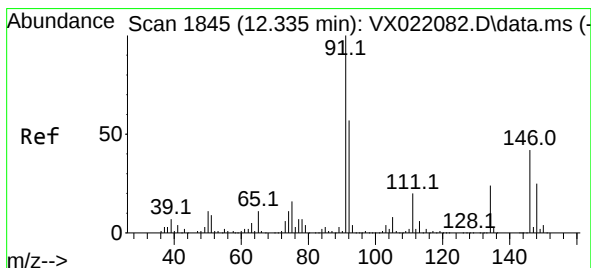
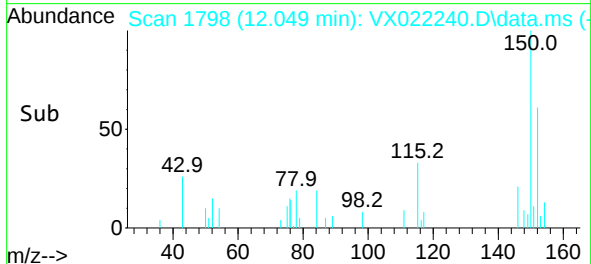
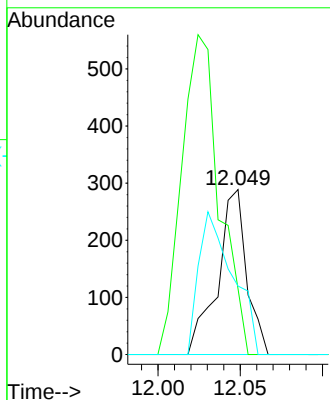
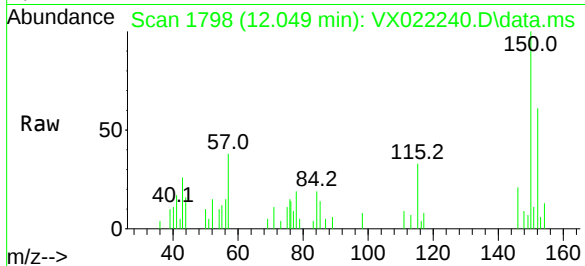




#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

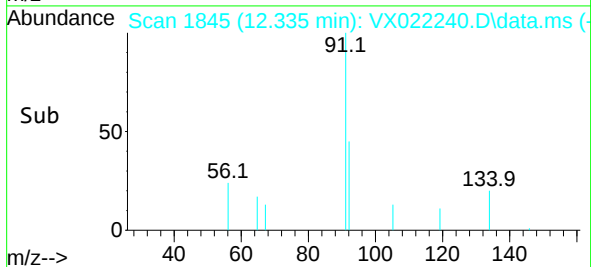
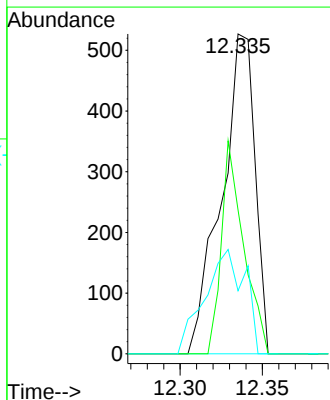
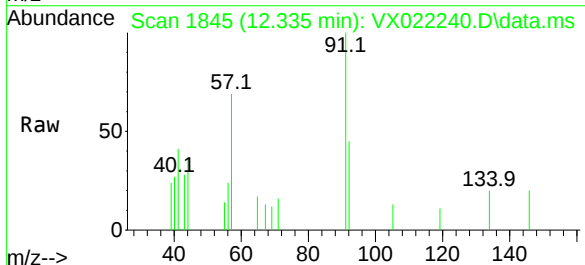
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

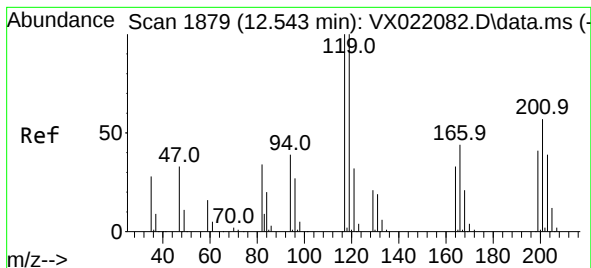
Tgt Ion:146 Resp: 356
Ion Ratio Lower Upper
146 100
111 0.0 19.6 58.8#
148 0.0 31.6 95.0#



#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion: 91 Resp: 749
Ion Ratio Lower Upper
91 100
92 44.1 27.4 82.0
134 38.9 13.2 39.5

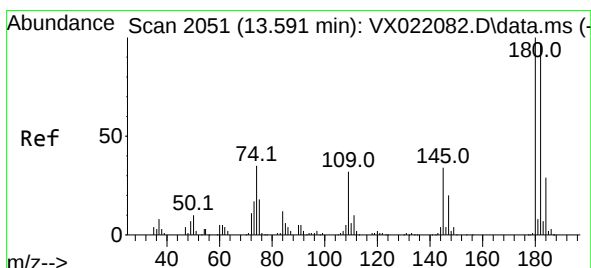
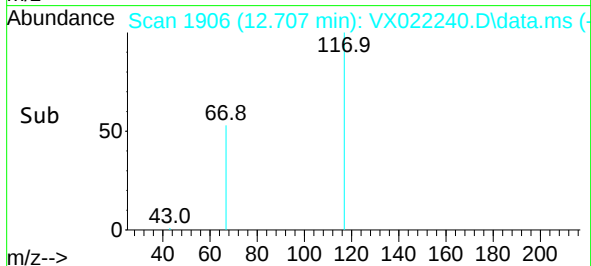
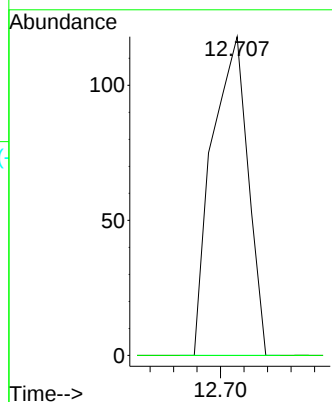
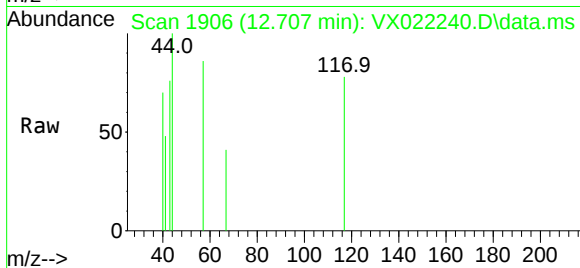




#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.164 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

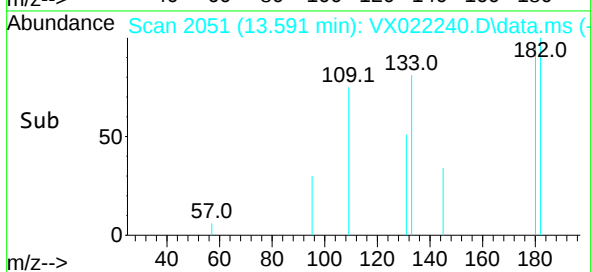
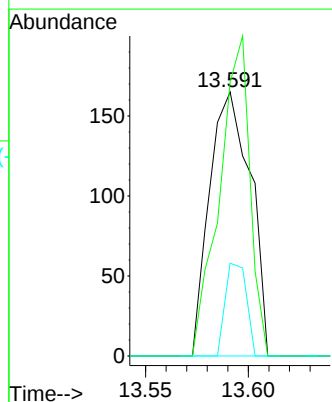
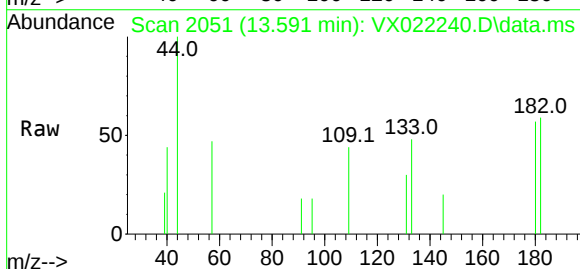
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

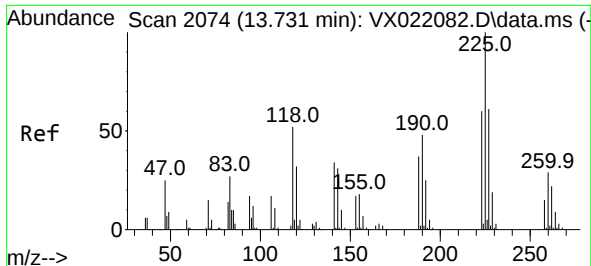
Tgt Ion:117 Resp: 125
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion:180 Resp: 228
Ion Ratio Lower Upper
180 100
182 89.9 47.7 143.1
145 18.0 15.0 45.0

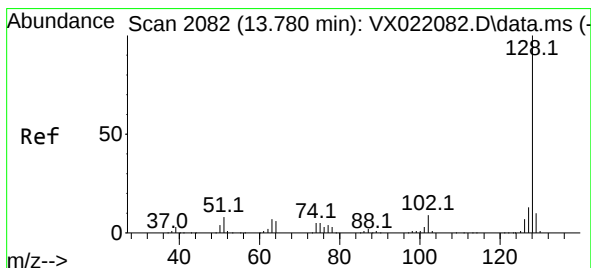
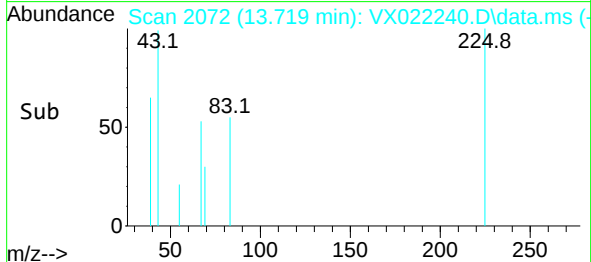
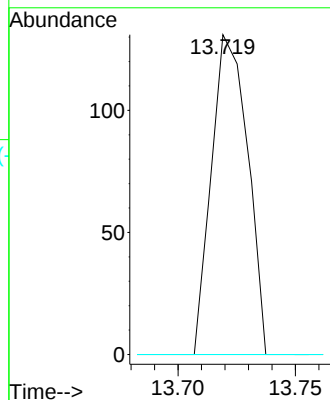
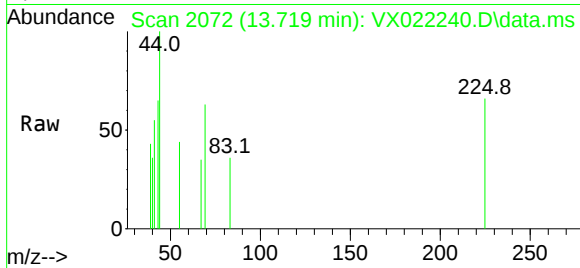




#94
Hexachlorobutadiene
Concen: 0.39 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.012 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210525DL

Tgt Ion:225 Resp: 140
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022240.D
Acq: 27 May 2021 18:14

Tgt Ion:128 Resp: 960
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 11.5 8.8 13.2

