

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023765.D
 Acq On : 17 Aug 2021 16:06
 Operator : JC/MD
 Sample : M3407-01
 Misc : 9.13g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 25NME

Quant Time: Aug 17 16:59:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

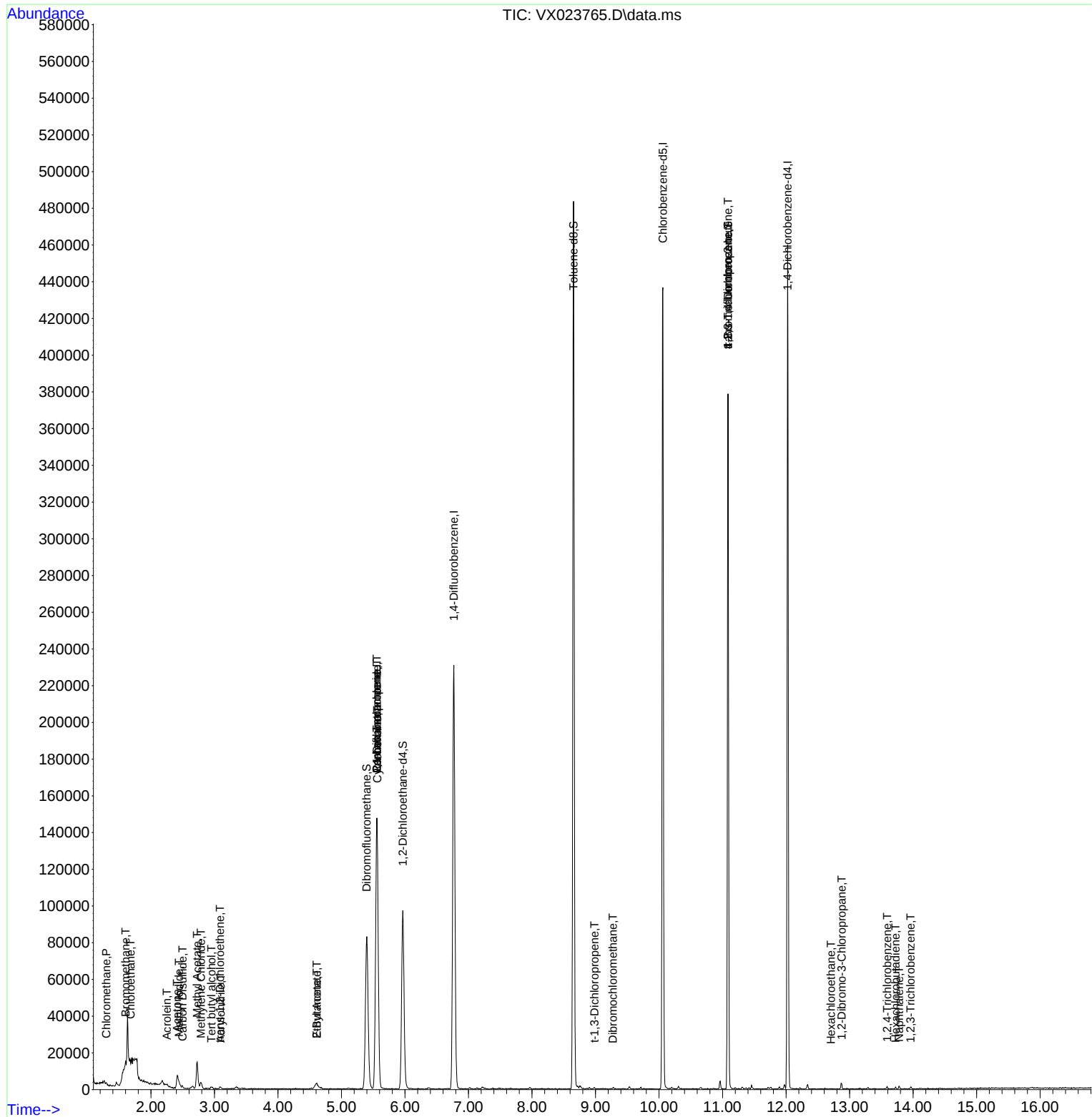
Internal Standards						
1) Pentafluorobenzene	5.556	168	140302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	202567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94843	48.434	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.860%
35) Dibromofluoromethane	5.397	113	71459	46.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	277558	47.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.360%
62) 4-Bromofluorobenzene	11.085	95	93897	43.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.700%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	449	0.276	ug/l	97
5) Bromomethane	1.599	94	1124	1.128	ug/l	83
6) Chloroethane	1.678	64	519	2.592	ug/l	93
10) Methyl Iodide	2.440	142	2039	1.040	ug/l	98
11) Tert butyl alcohol	2.952	59	594	1.500	ug/l #	73
13) Acrolein	2.251	56	97	0.412	ug/l	93
15) Acrylonitrile	3.099	53	350	0.397	ug/l #	64
16) Acetone	2.410	43	9675	11.050	ug/l #	85
17) Carbon Disulfide	2.495	76	1339	0.417	ug/l #	95
18) Methyl Acetate	2.727	43	18954	8.672	ug/l #	89
20) Methylene Chloride	2.788	84	1547	0.925	ug/l #	87
21) trans-1,2-Dichloroethene	3.087	96	302	0.210	ug/l #	58
25) 2-Butanone	4.611	43	6923	5.220	ug/l	93
31) Cyclohexane	5.562	56	3370	1.340	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	11250	5.201	ug/l #	48
37) Ethyl Acetate	4.611	43	6923	2.604	ug/l #	64
38) Carbon Tetrachloride	5.556	117	14478	6.419	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	113	2.176	ug/l #	44
60) Dibromochloromethane	9.275	129	54	1.716	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51162	23.443	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51162	68.957	ug/l #	12
90) Hexachloroethane	12.707	117	149	1.606	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.878	75	87	2.314	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	394	0.213	ug/l	92
94) Hexachlorobutadiene	13.725	225	201	0.243	ug/l	83
95) Naphthalene	13.780	128	1292	1.466	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	435	0.236	ug/l	97

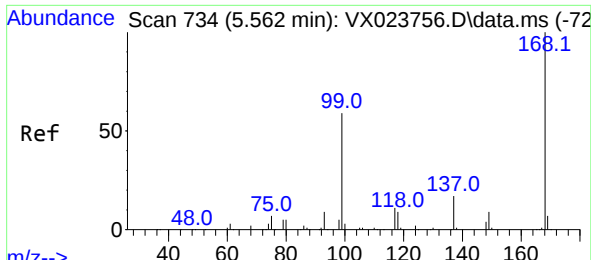
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
Data File : VX023765.D
Acq On : 17 Aug 2021 16:06
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Sample : M3407-01
Misc : 9.13g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 17 16:59:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

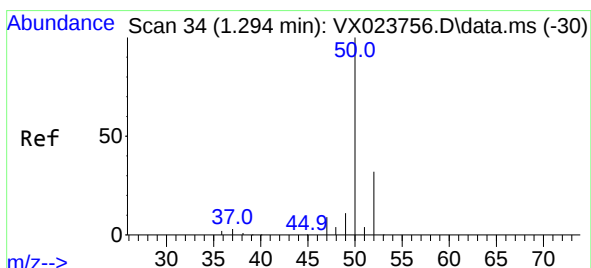
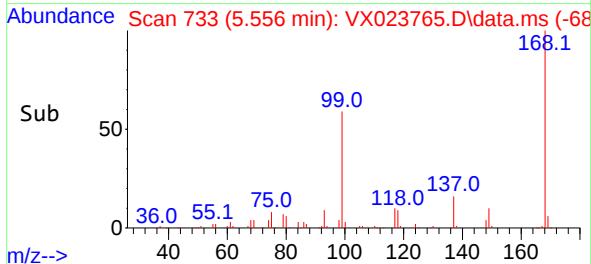
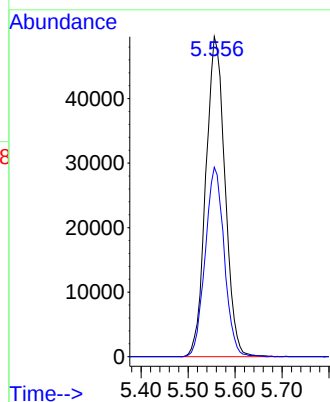
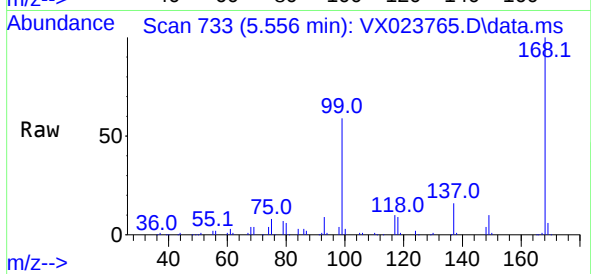




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

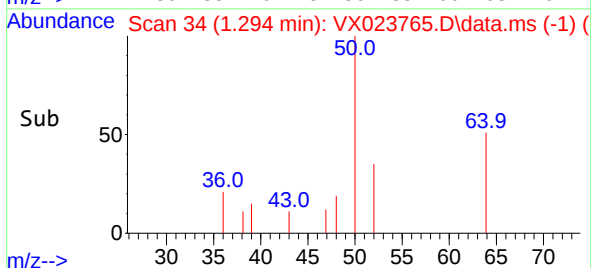
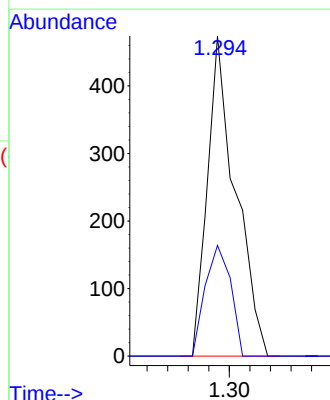
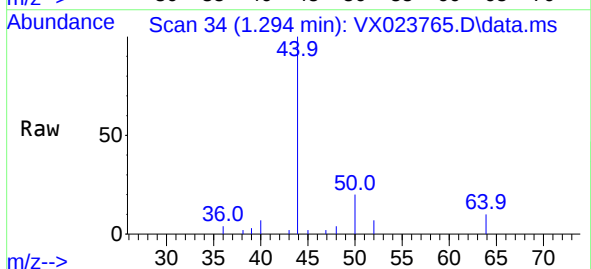
Instrument :
MSVOA_X
ClientSampleId :
25NME

Tgt Ion:168 Resp: 140302
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6

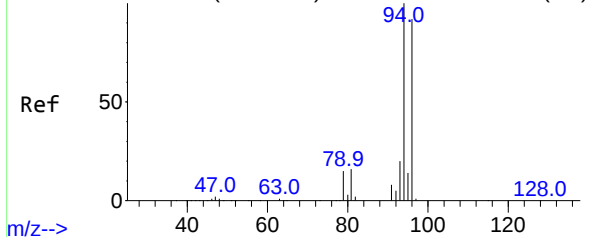


#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6

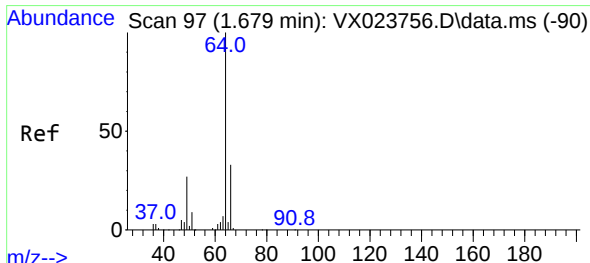
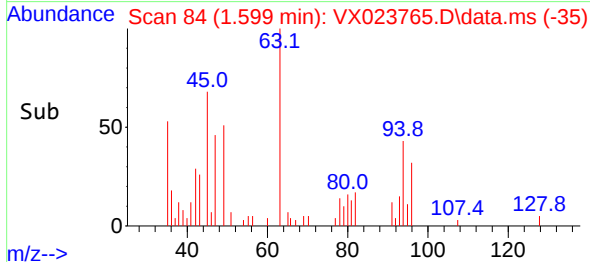
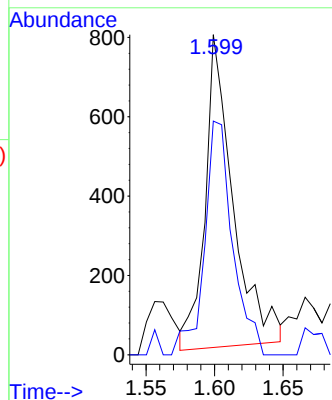
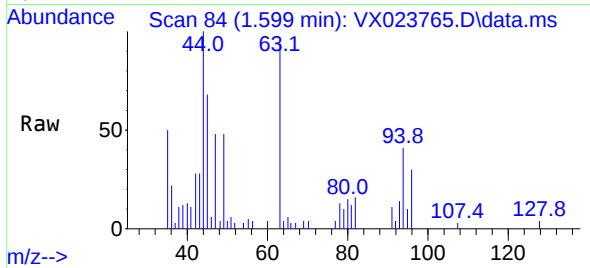


Abundance Scan 84 (1.599 min): VX023756.D\data.ms (-76)



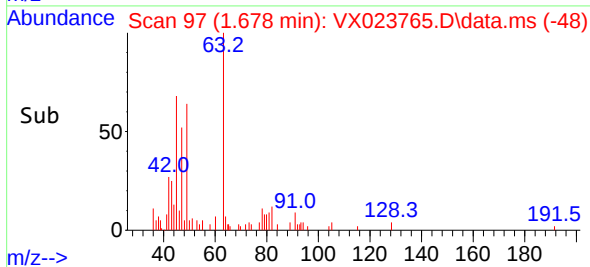
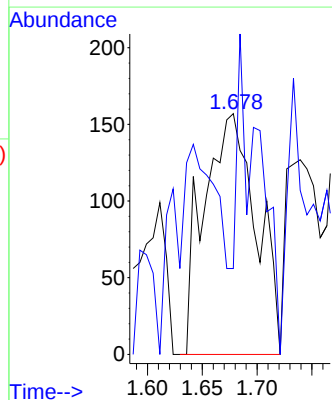
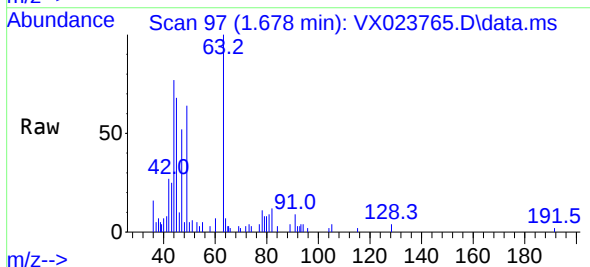
#5
Bromomethane
Concen: 1.128 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

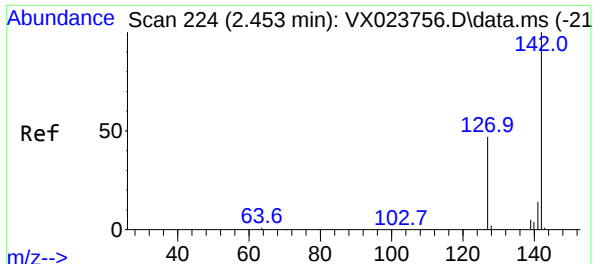
Tgt Ion: 94 Resp: 1124
Ion Ratio Lower Upper
94 100
96 78.7 76.4 114.6



#6
Chloroethane
Concen: 2.592 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 64 Resp: 519
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.0

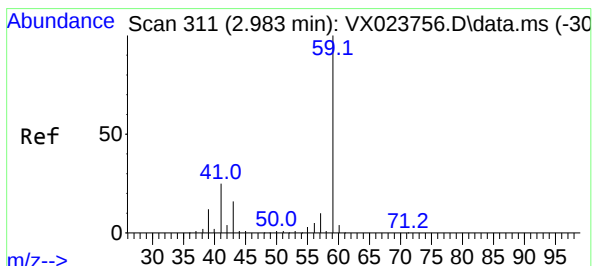
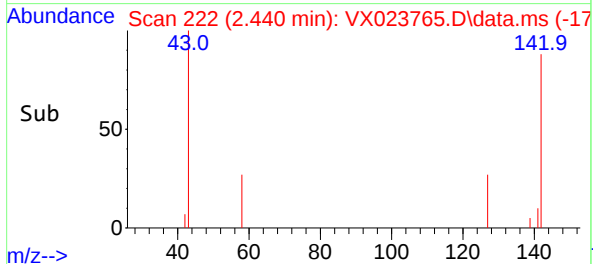
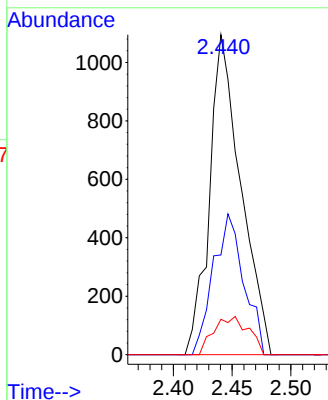
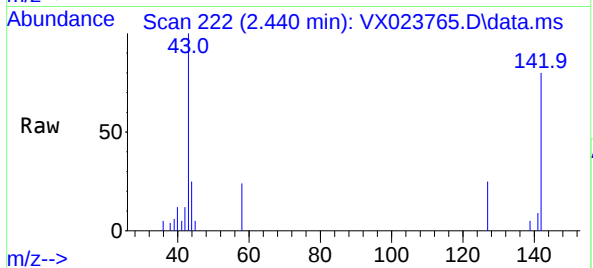




#10
Methyl Iodide
Concen: 1.040 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.013 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

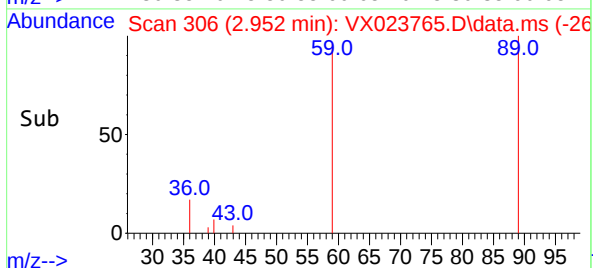
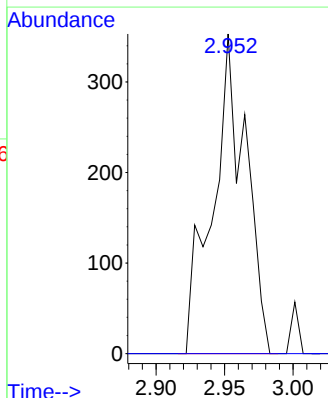
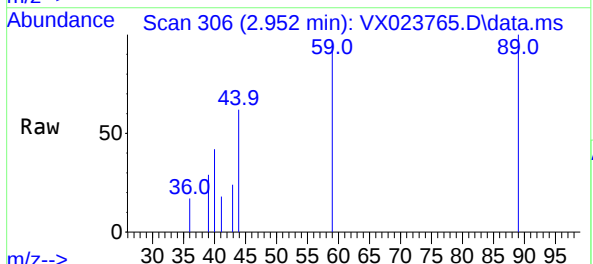
Instrument :
MSVOA_X
ClientSampleId :
25NME

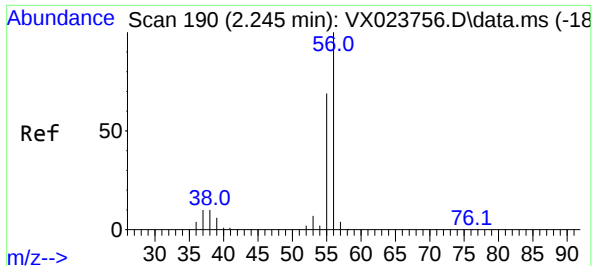
Tgt Ion:	142	Resp:	2039
Ion	Ratio	Lower	Upper
142	100		
127	42.7	33.3	49.9
141	13.1	11.4	17.0



#11
Tert butyl alcohol
Concen: 1.500 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion:	59	Resp:	594
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

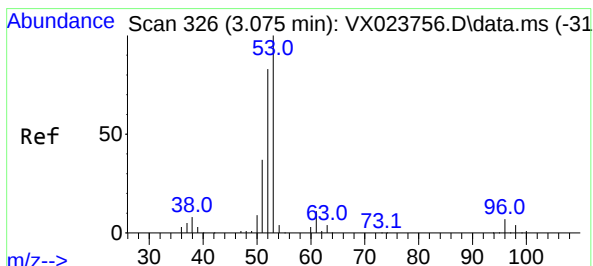
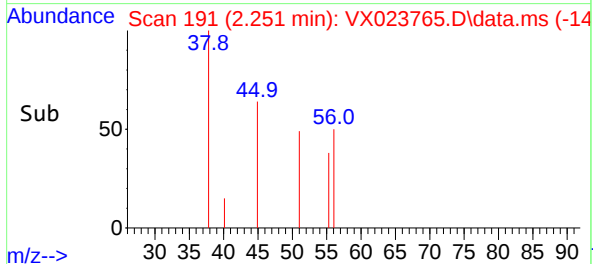
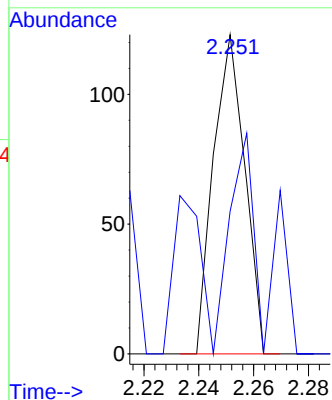
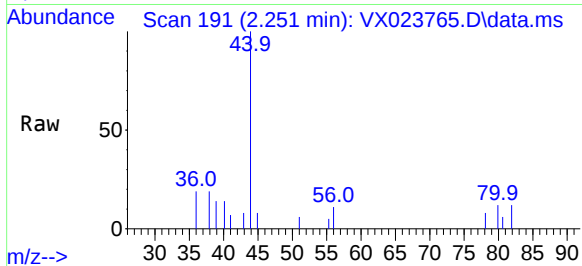




#13
Acrolein
Concen: 0.412 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

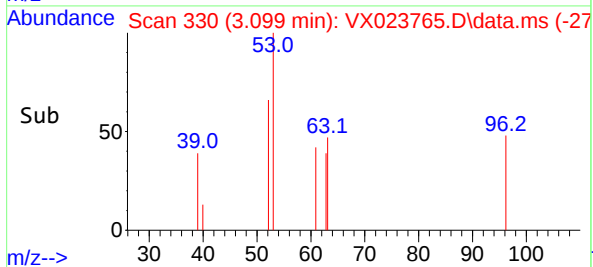
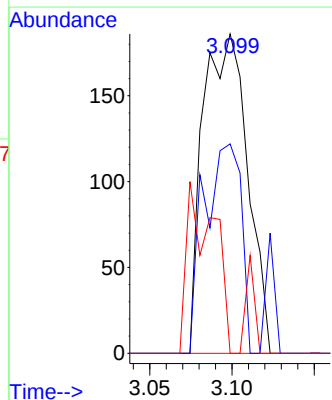
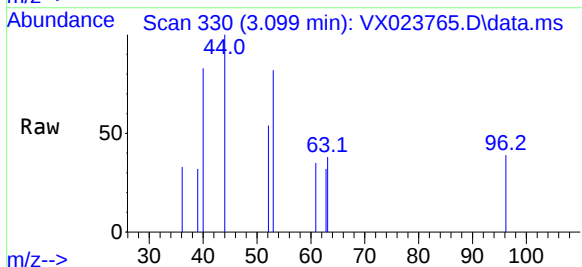
Instrument :
MSVOA_X
ClientSampled :
25NME

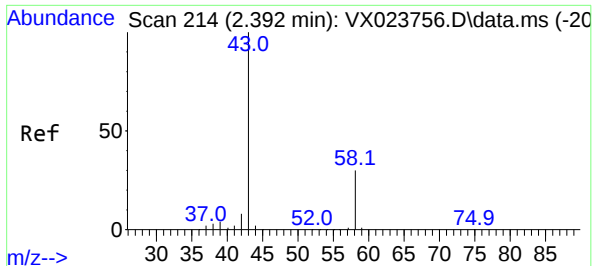
Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 76.3 56.4 84.6



#15
Acrylonitrile
Concen: 0.397 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.024 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 53 Resp: 350
Ion Ratio Lower Upper
53 100
52 54.6 65.3 97.9#
51 6.0 28.2 42.2#

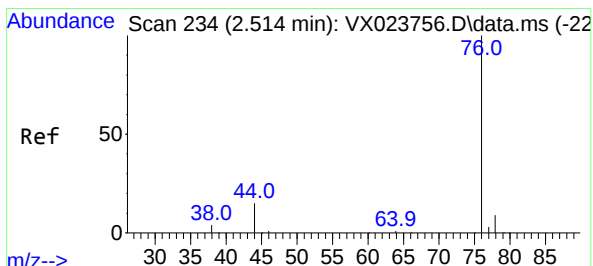
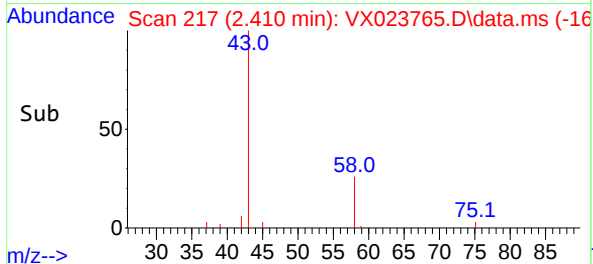
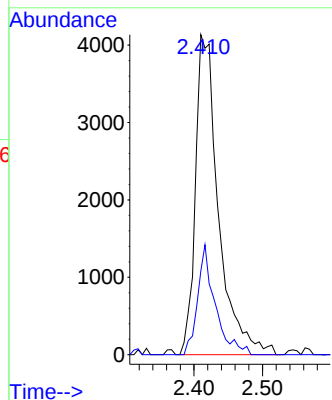
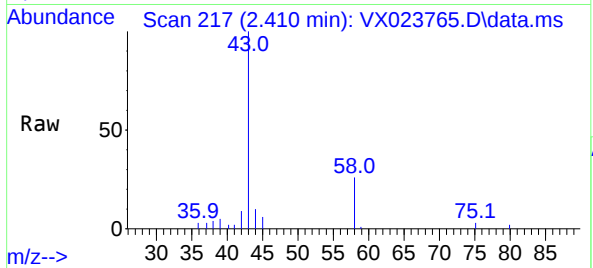




#16
Acetone
Concen: 11.050 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

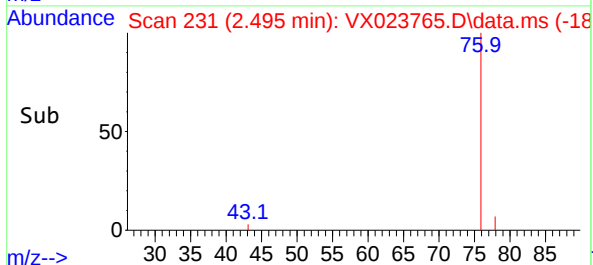
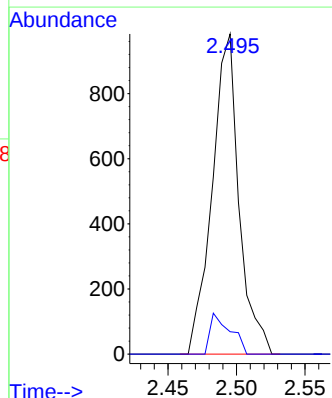
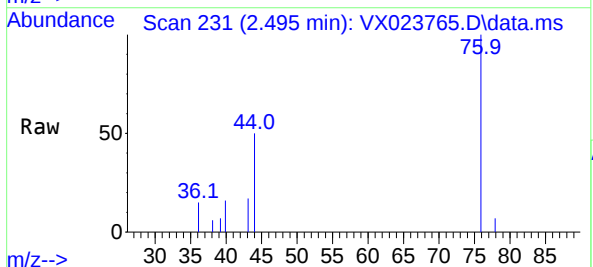
Instrument :
MSVOA_X
ClientSampled :
25NME

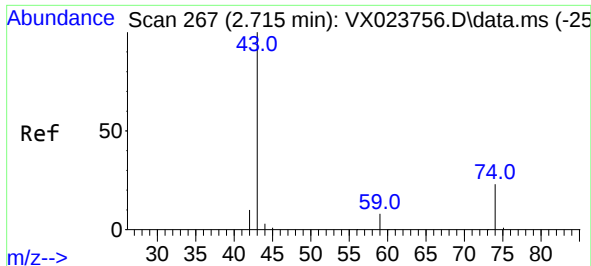
Tgt Ion: 43 Resp: 9675
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.417 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.019 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 76 Resp: 1339
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8#

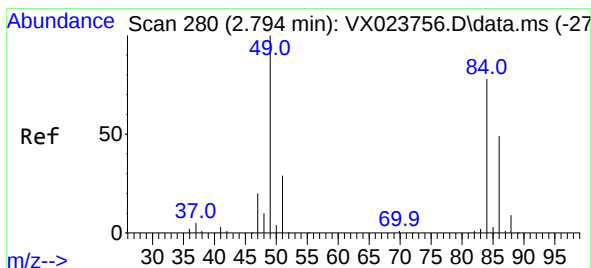
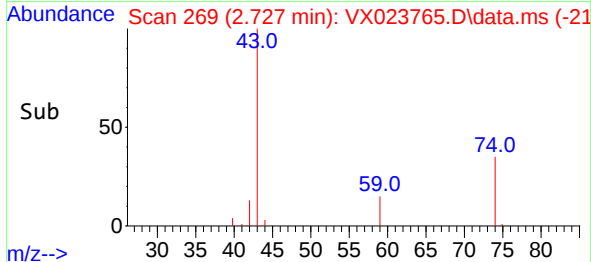
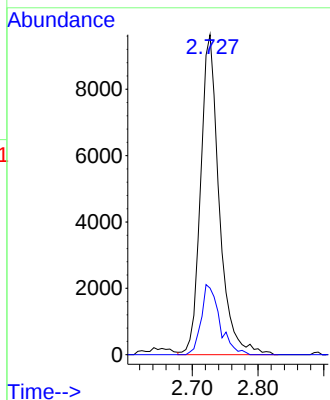
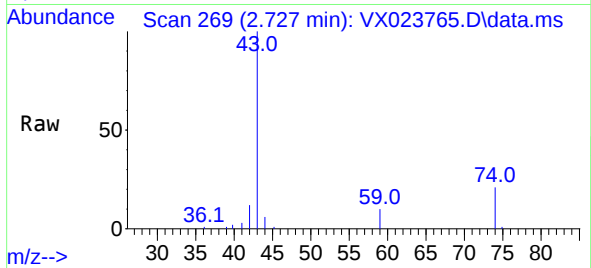




#18
Methyl Acetate
Concen: 8.672 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

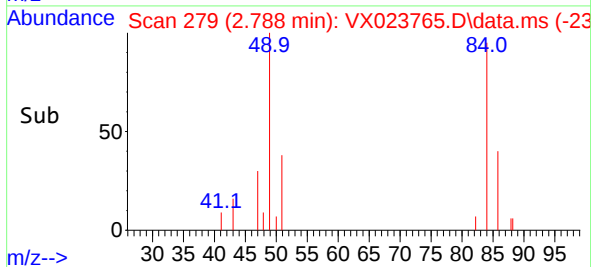
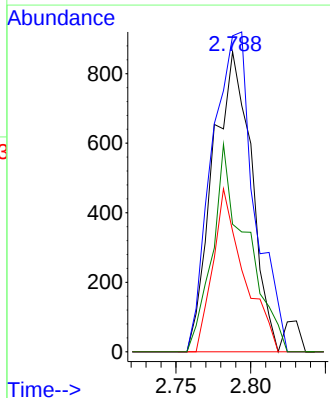
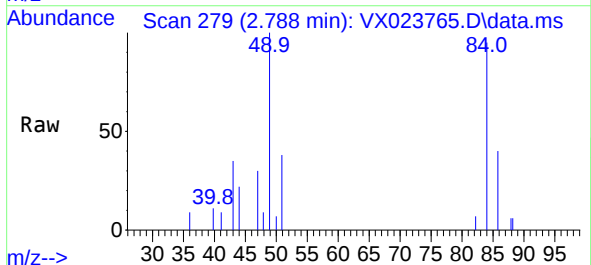
Instrument :
MSVOA_X
ClientSampled :
25NME

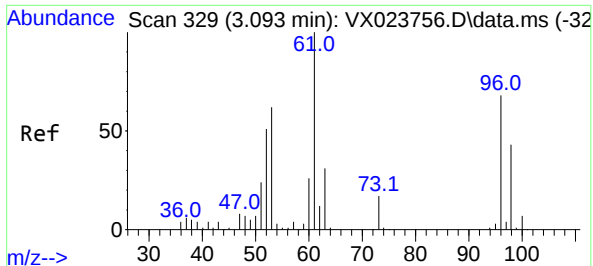
Tgt Ion: 43 Resp: 18954
Ion Ratio Lower Upper
43 100
74 21.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.925 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 84 Resp: 1547
Ion Ratio Lower Upper
84 100
49 105.3 88.6 132.8
51 40.2 27.0 40.6
86 42.5 50.3 75.5#

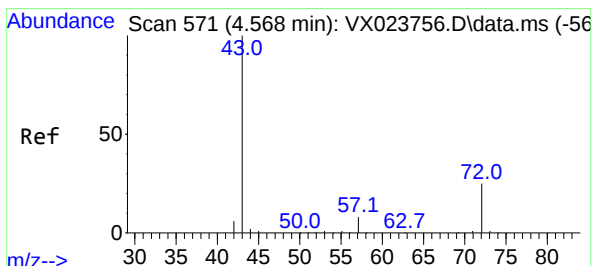
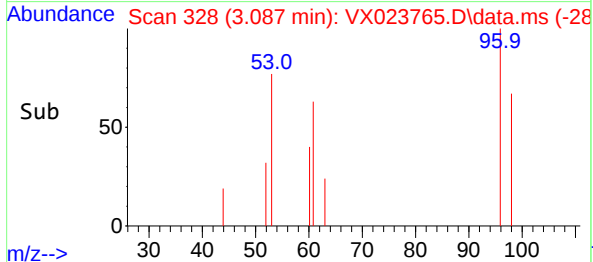
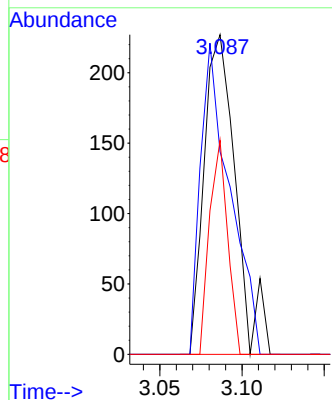
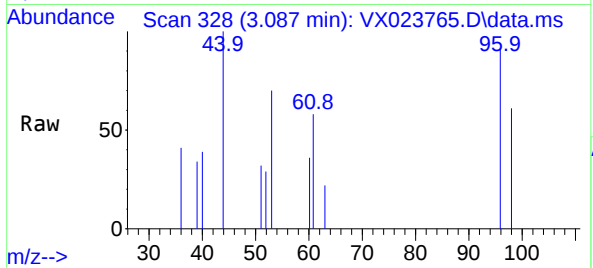




#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

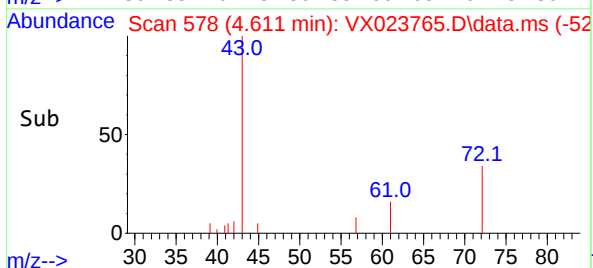
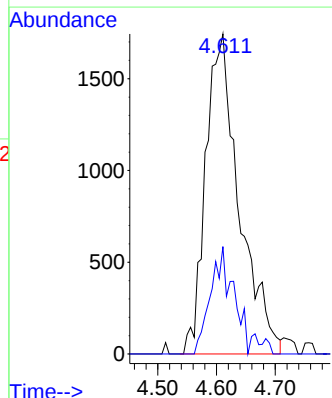
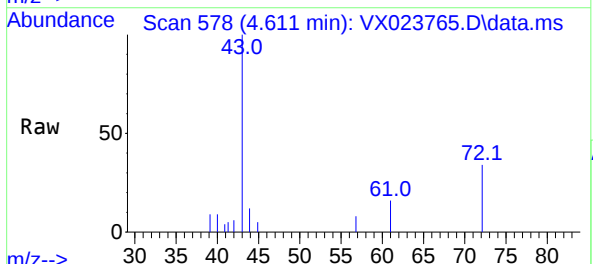
Instrument :
MSVOA_X
ClientSampleId :
25NME

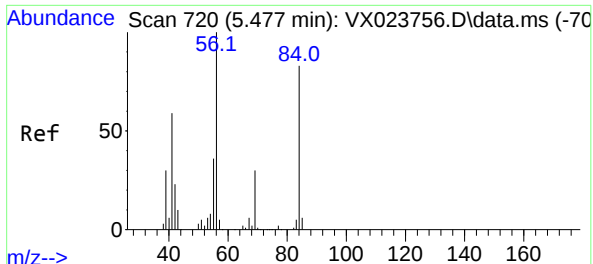
Tgt Ion: 96 Resp: 302
Ion Ratio Lower Upper
96 100
61 63.4 107.7 161.5#
98 67.0 50.4 75.6



#25
2-Butanone
Concen: 5.220 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

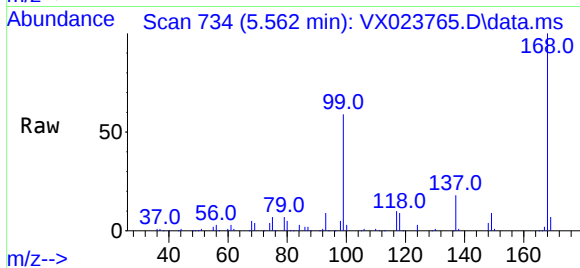
Tgt Ion: 43 Resp: 6923
Ion Ratio Lower Upper
43 100
72 33.5 23.7 35.5



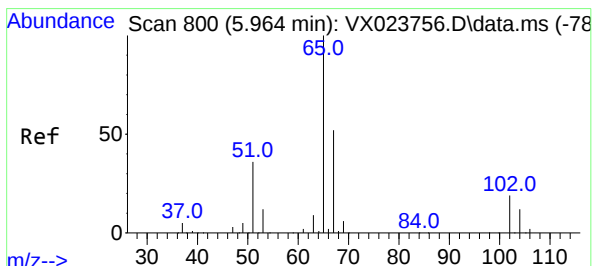
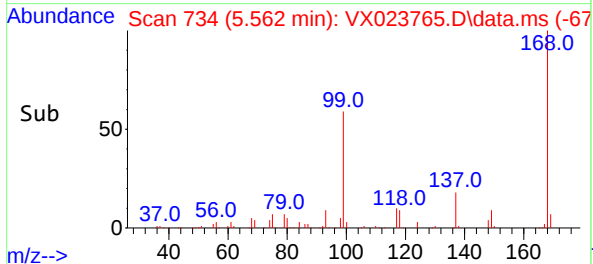
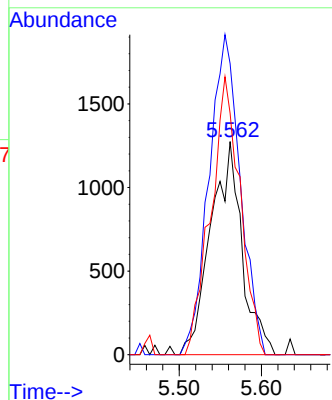


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Instrument :
MSVOA_X
ClientSampled :
25NME

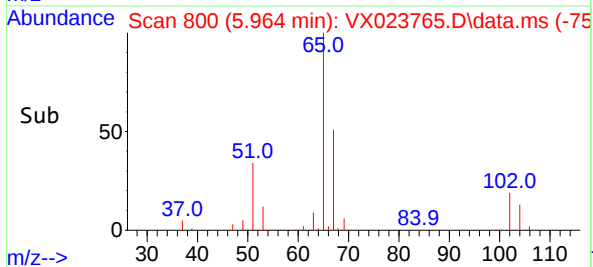
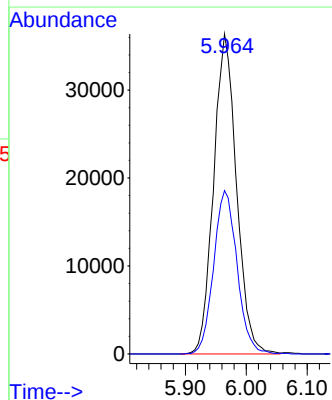
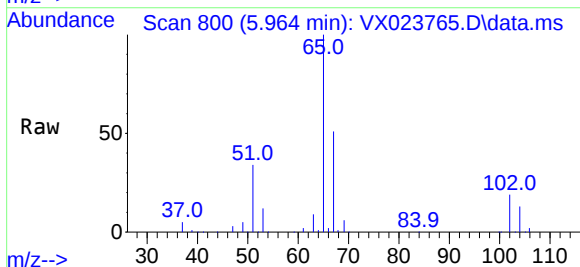


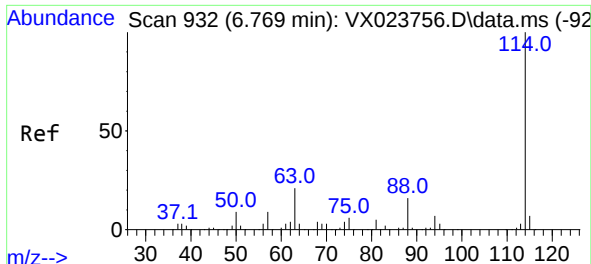
Tgt Ion: 56 Resp: 3370
Ion Ratio Lower Upper
56 100
69 136.5 25.3 37.9#
84 113.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.434 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 65 Resp: 94843
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

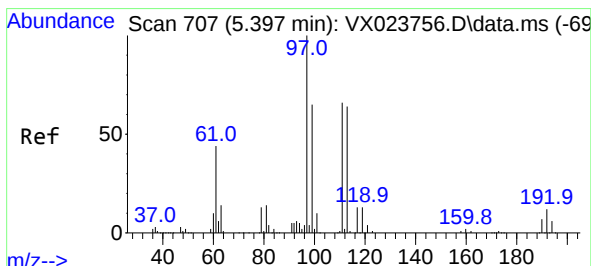
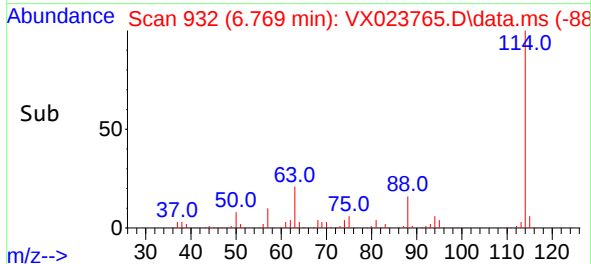
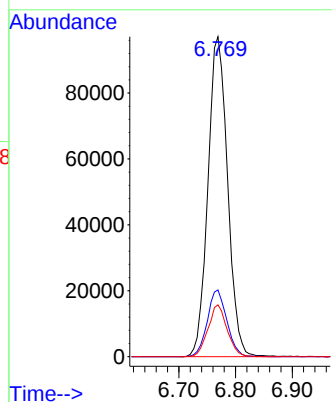
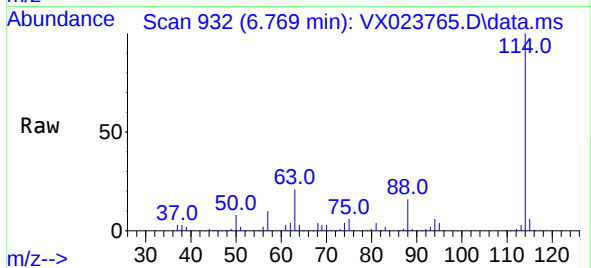




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

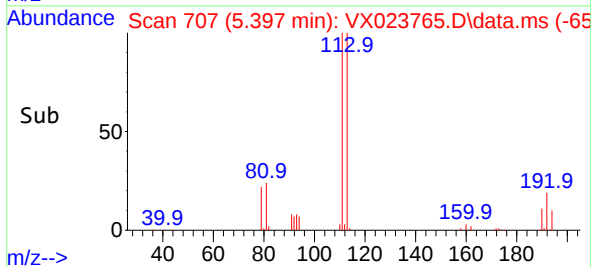
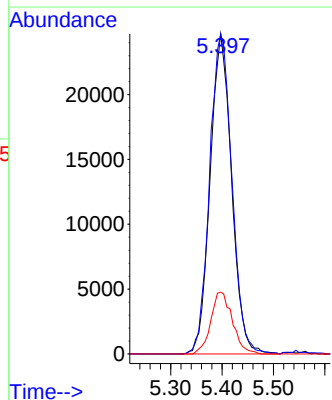
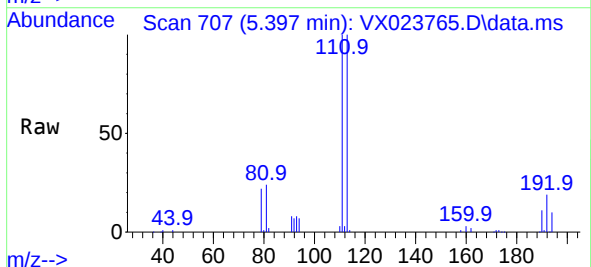
Instrument :
MSVOA_X
ClientSampleId :
25NME

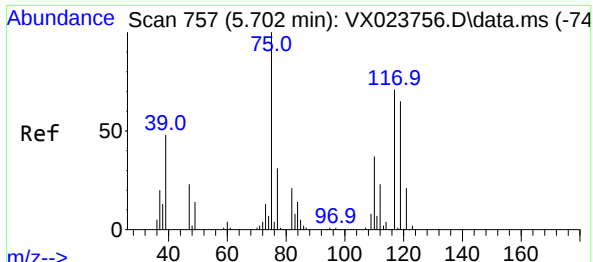
Tgt Ion:114 Resp: 233549
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.228 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion:113 Resp: 71459
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.5 16.7 25.1

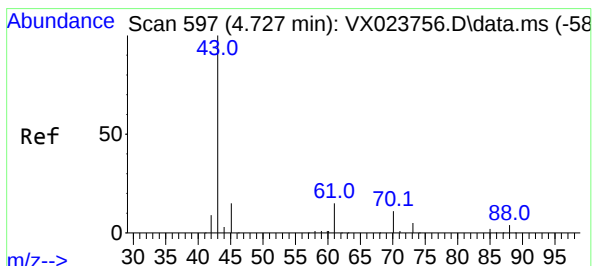
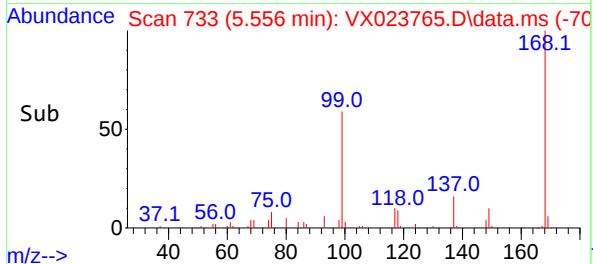
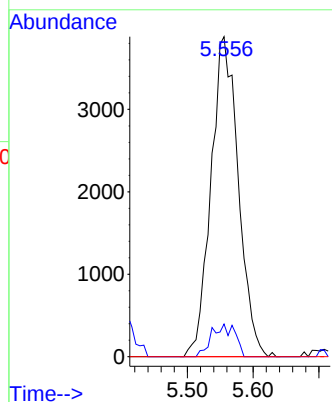
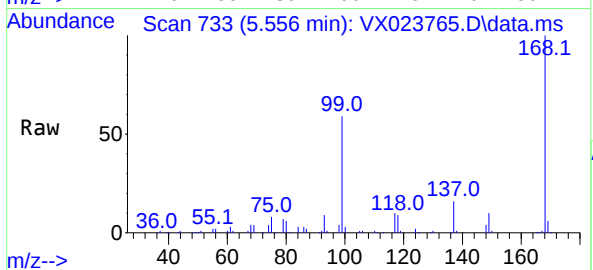




#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

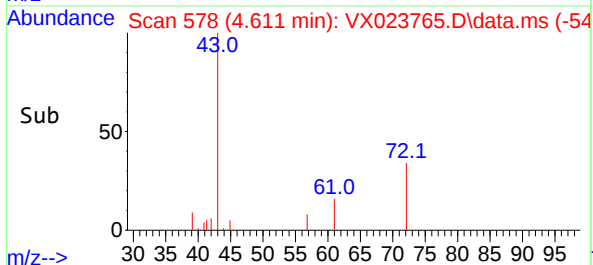
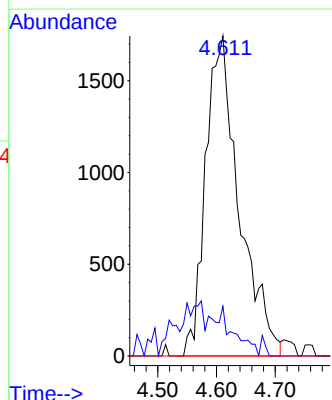
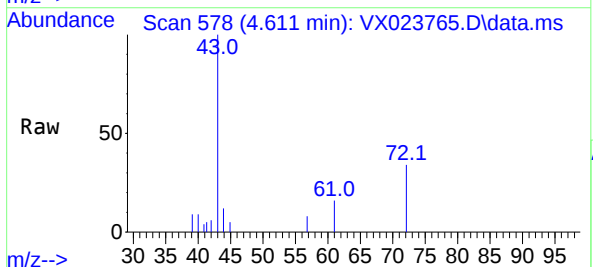
Instrument :
MSVOA_X
ClientSampled :
25NME

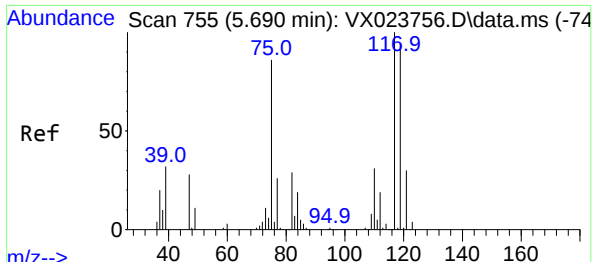
Tgt Ion: 75 Resp: 11250
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.604 ug/l
RT: 4.611 min Scan# 578
Delta R.T. -0.116 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

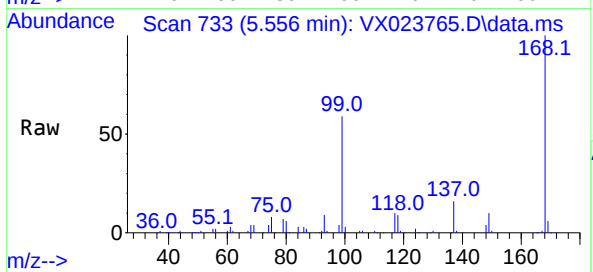
Tgt Ion: 43 Resp: 6923
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



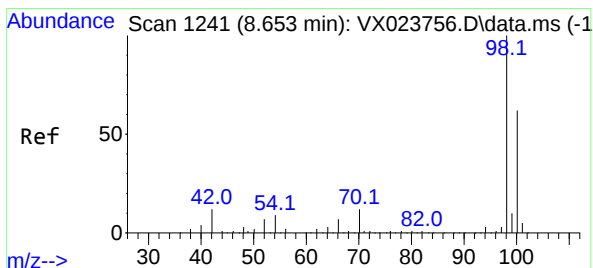
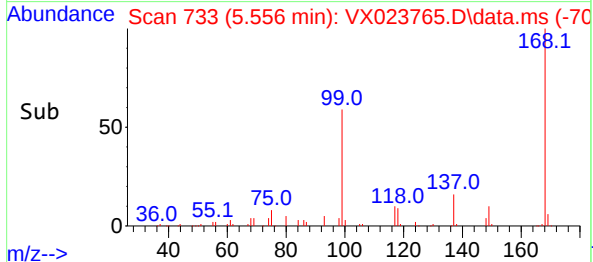
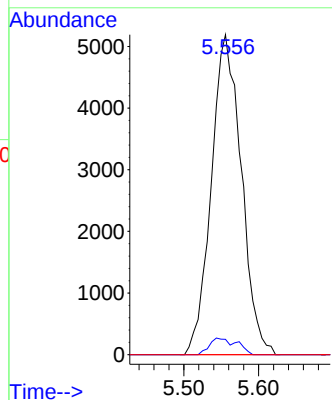


#38
Carbon Tetrachloride
Concen: 6.419 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Instrument :
MSVOA_X
ClientSampleId :
25NME

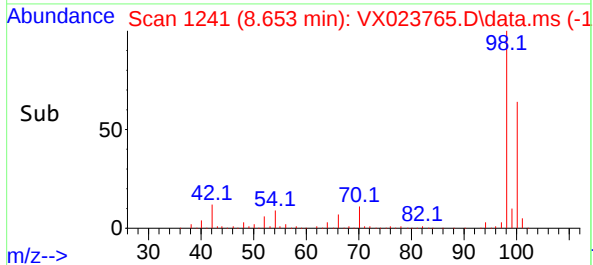
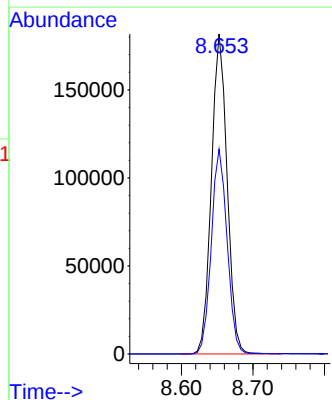
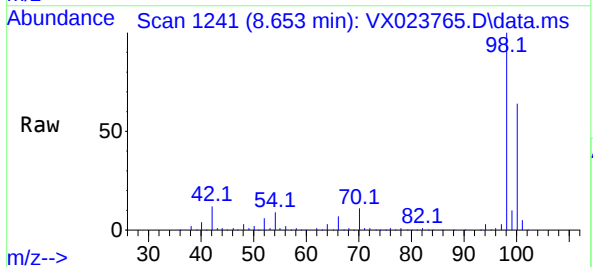


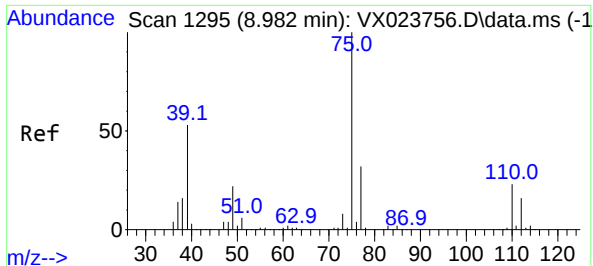
Tgt Ion:117 Resp: 14478
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.176 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 98 Resp: 277558
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

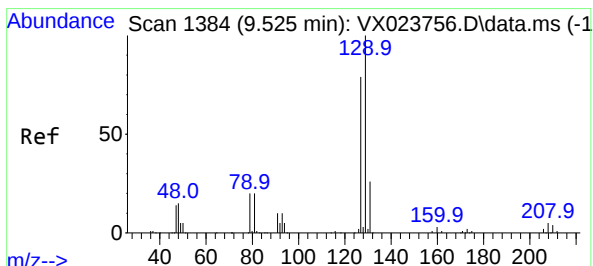
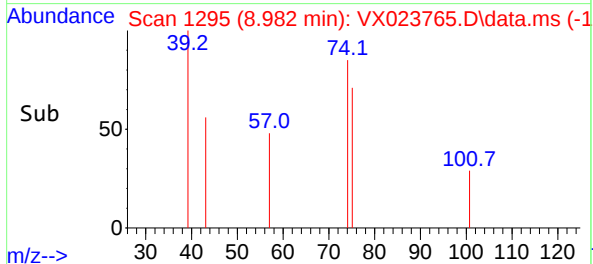
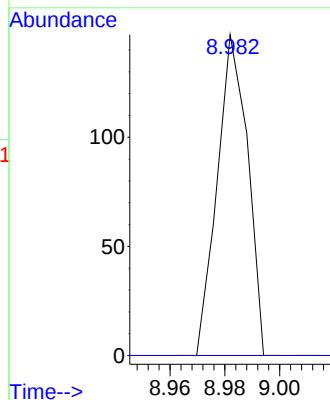
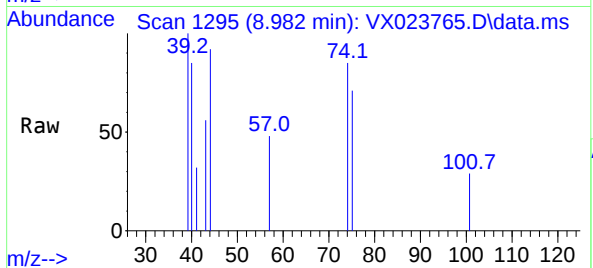




#53
t-1,3-Dichloropropene
Concen: 2.176 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

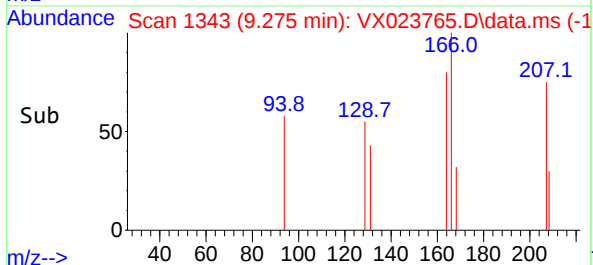
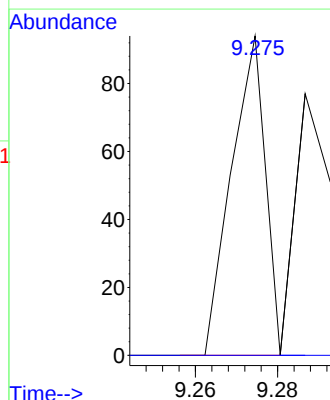
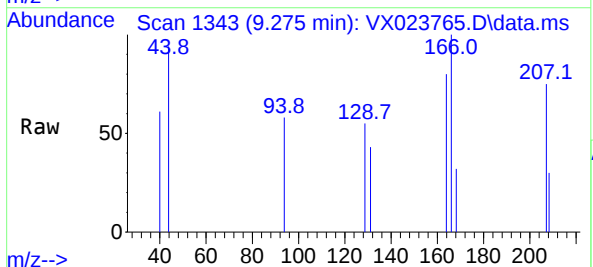
Instrument :
MSVOA_X
ClientSampled :
25NME

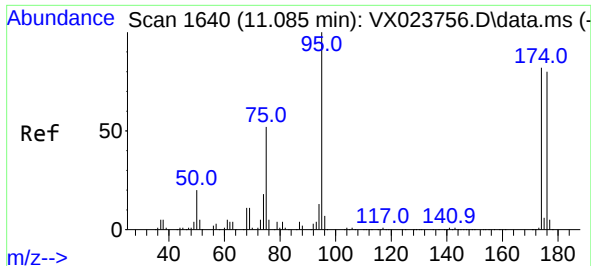
Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.716 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 129 Resp: 54
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

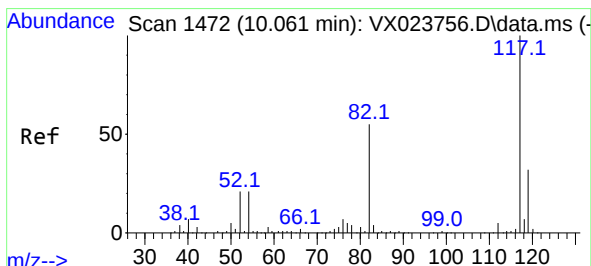
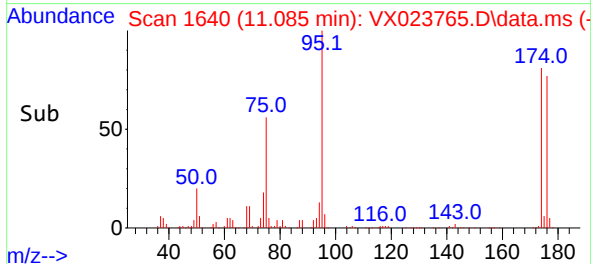
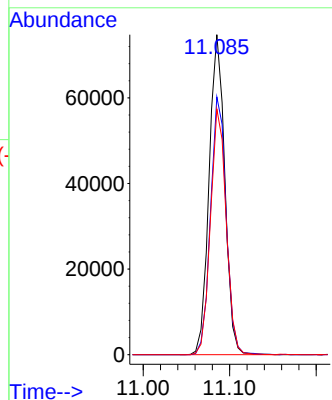
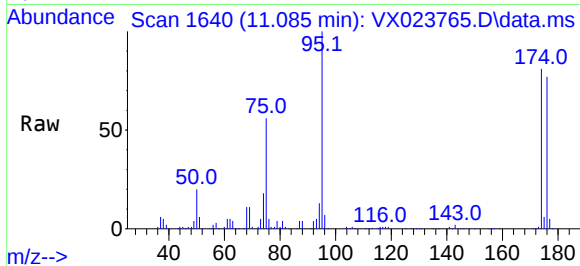




#62
4-Bromofluorobenzene
Concen: 43.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

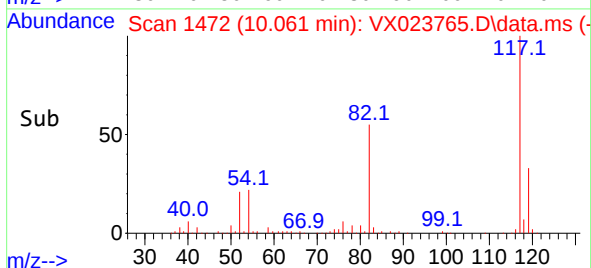
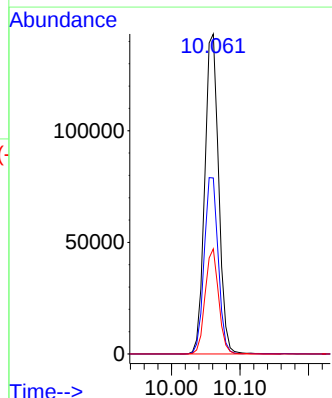
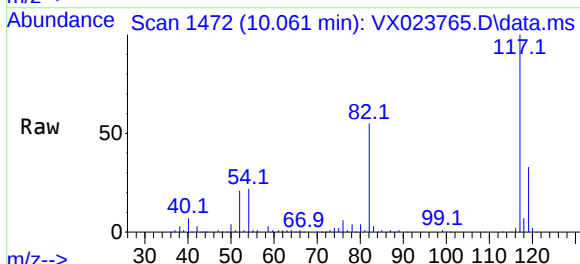
Instrument :
MSVOA_X
ClientSampleId :
25NME

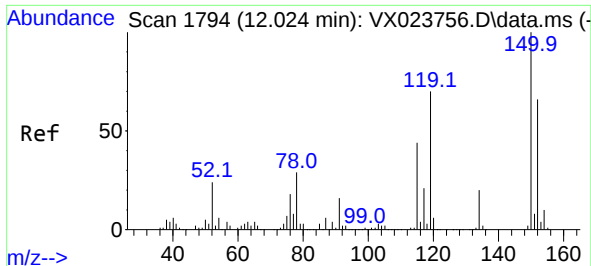
Tgt Ion: 95 Resp: 93897
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 77.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 117 Resp: 202567
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.8 26.6 39.8

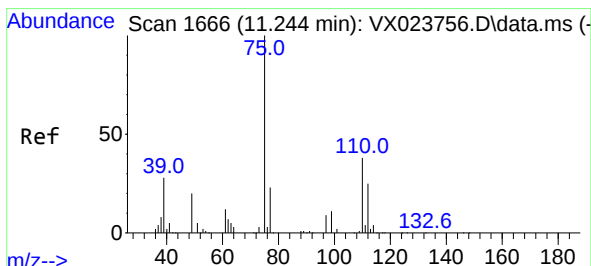
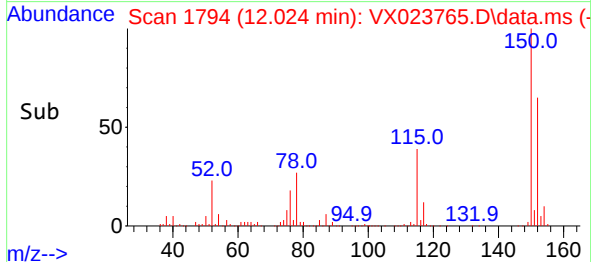
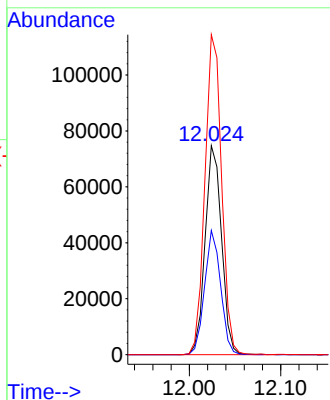
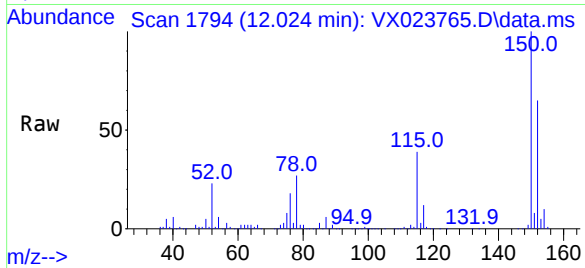




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

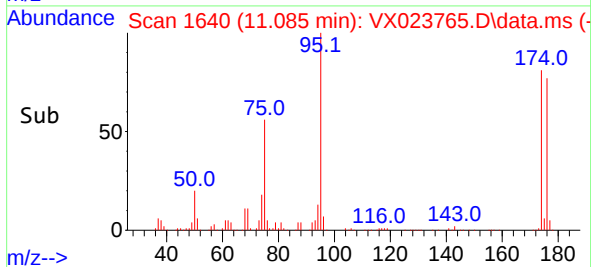
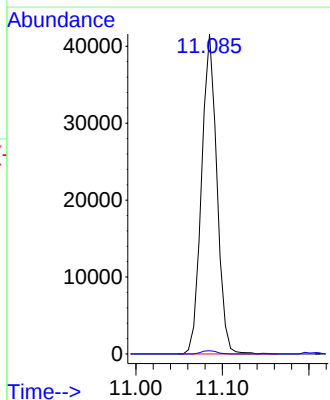
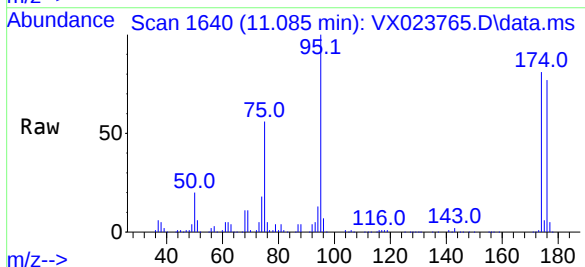
Instrument :
MSVOA_X
ClientSampled :
25NME

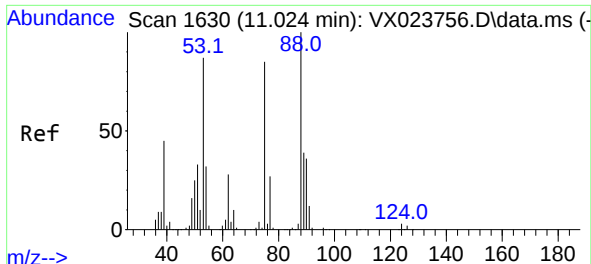
Tgt Ion:152 Resp: 93557
Ion Ratio Lower Upper
152 100
115 57.9 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.443 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 75 Resp: 51162
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

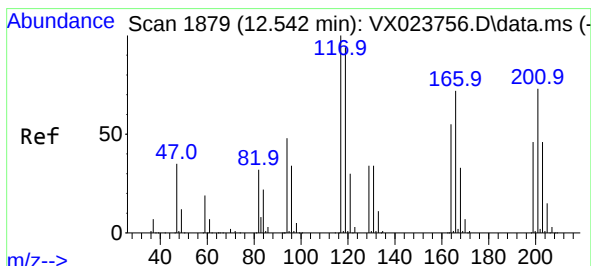
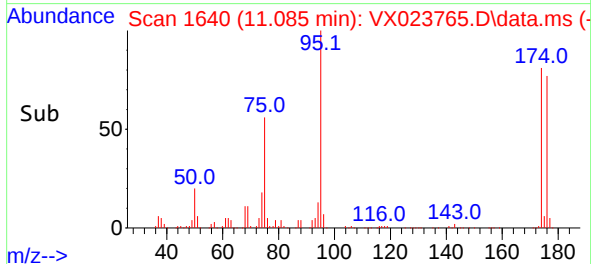
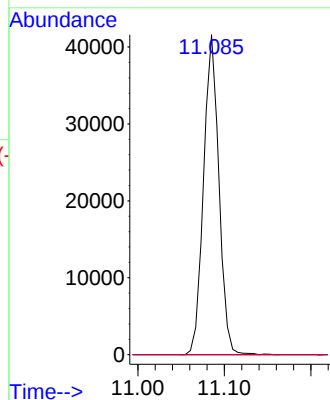
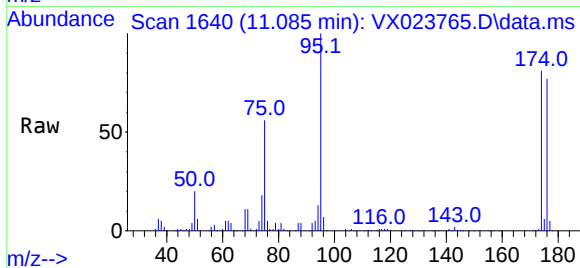




#81
trans-1,4-Dichloro-2-butene
Concen: 68.957 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

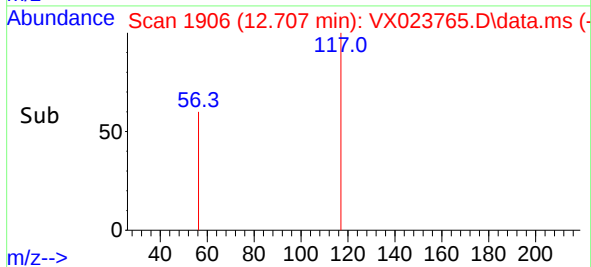
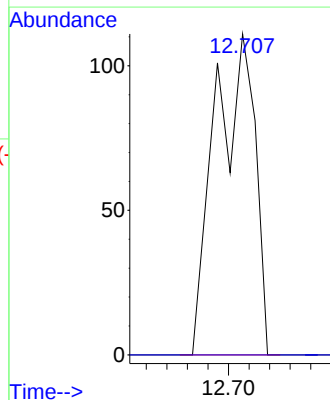
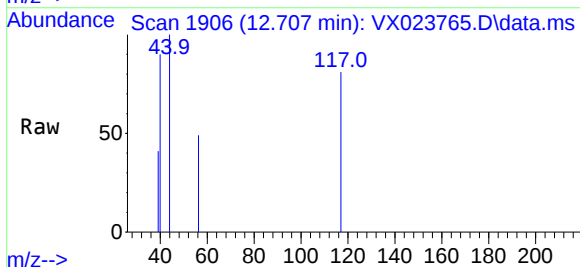
Instrument :
MSVOA_X
ClientSampleId :
25NME

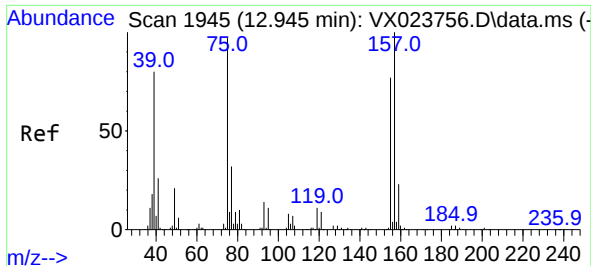
Tgt Ion: 75 Resp: 51162
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.606 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion: 117 Resp: 149
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

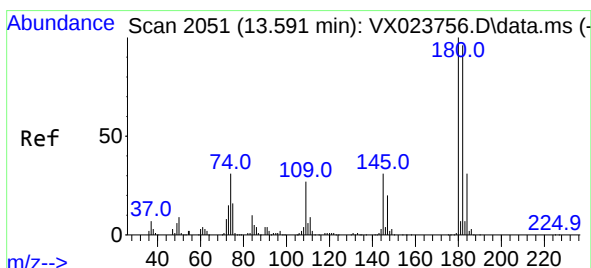
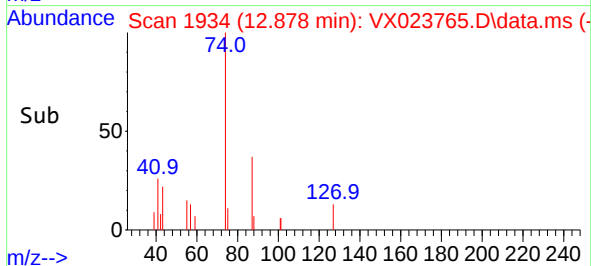
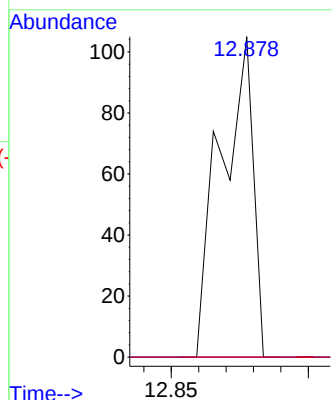
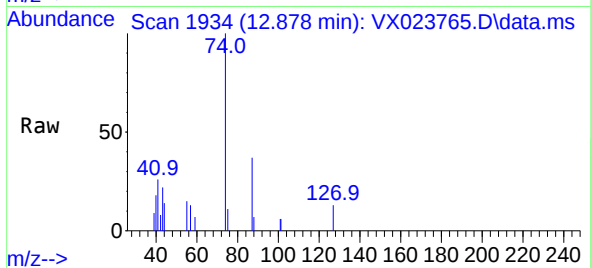




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.314 ug/l
RT: 12.878 min Scan# 1934
Delta R.T. -0.067 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

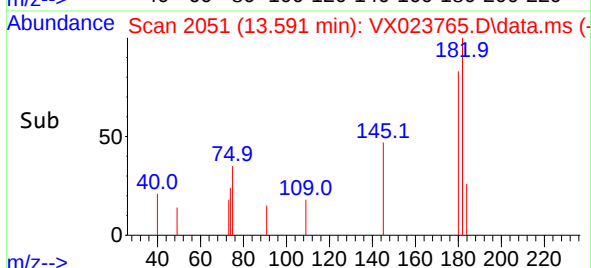
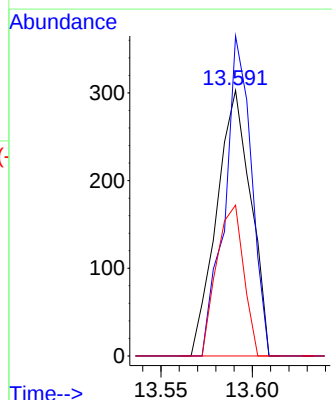
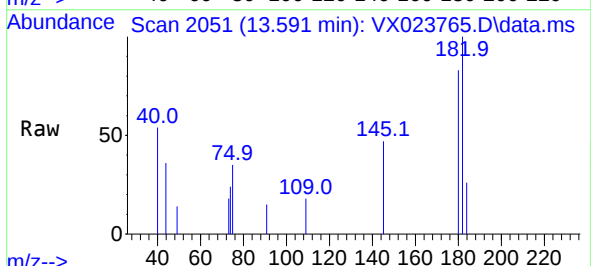
Instrument :
MSVOA_X
ClientSampleId :
25NME

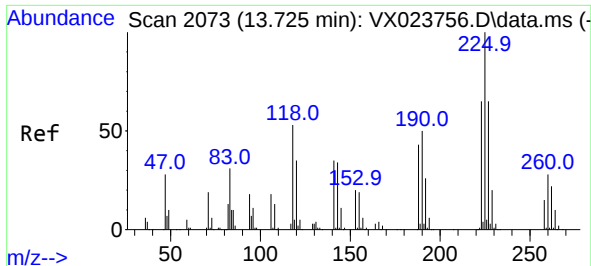
Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion:180 Resp: 394
Ion Ratio Lower Upper
180 100
182 93.9 47.7 143.1
145 44.9 15.0 45.0

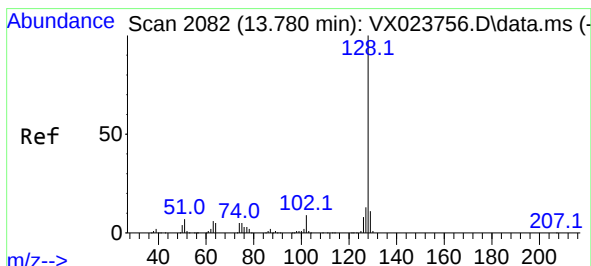
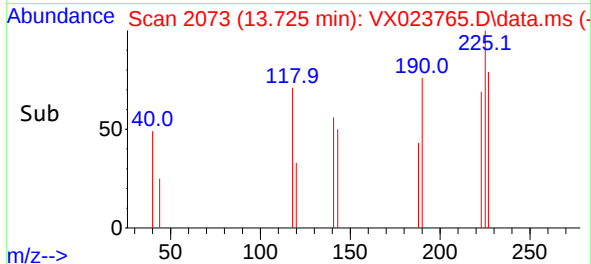
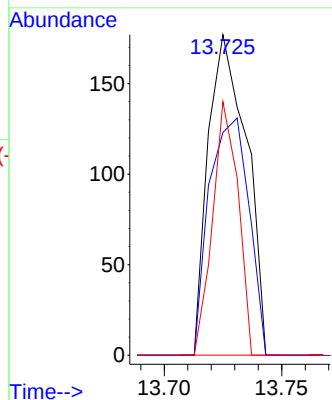
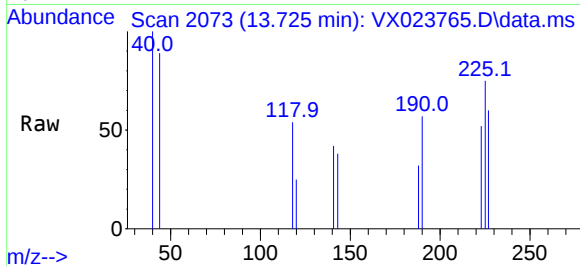




#94
Hexachlorobutadiene
Concen: 0.243 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

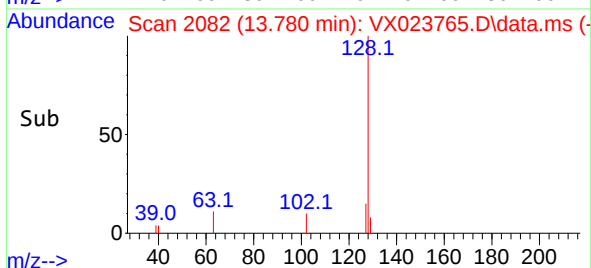
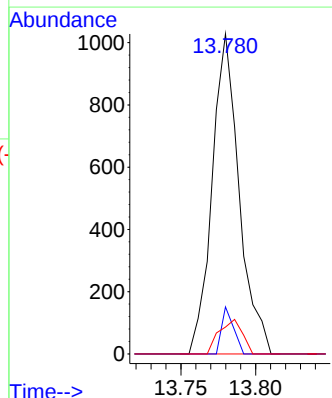
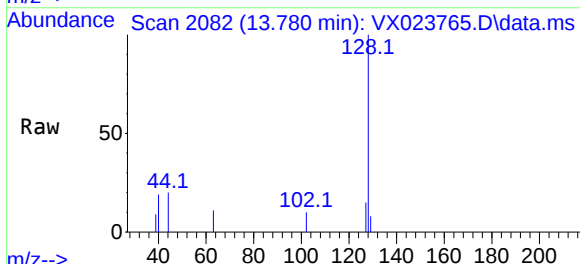
Instrument :
MSVOA_X
ClientSampleId :
25NME

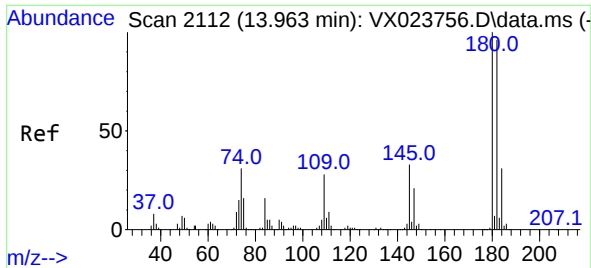
Tgt Ion:	225	Resp:	201
Ion	Ratio	Lower	Upper
225	100		
223	76.6	31.1	93.2
227	52.2	31.6	95.0



#95
Naphthalene
Concen: 1.466 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023765.D
Acq: 17 Aug 2021 16:06

Tgt Ion:	128	Resp:	1292
Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.3	15.5#
129	9.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.236 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX023765.D
 Acq: 17 Aug 2021 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 25NME

Tgt Ion:180 Resp: 435
 Ion Ratio Lower Upper
 180 100
 182 92.2 47.6 142.9
 145 29.9 16.1 48.3

