

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034685.D
 Acq On : 23 Mar 2023 09:24
 Operator : JC/MD
 Sample : VX0323MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBL01

Quant Time: Mar 23 13:28:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

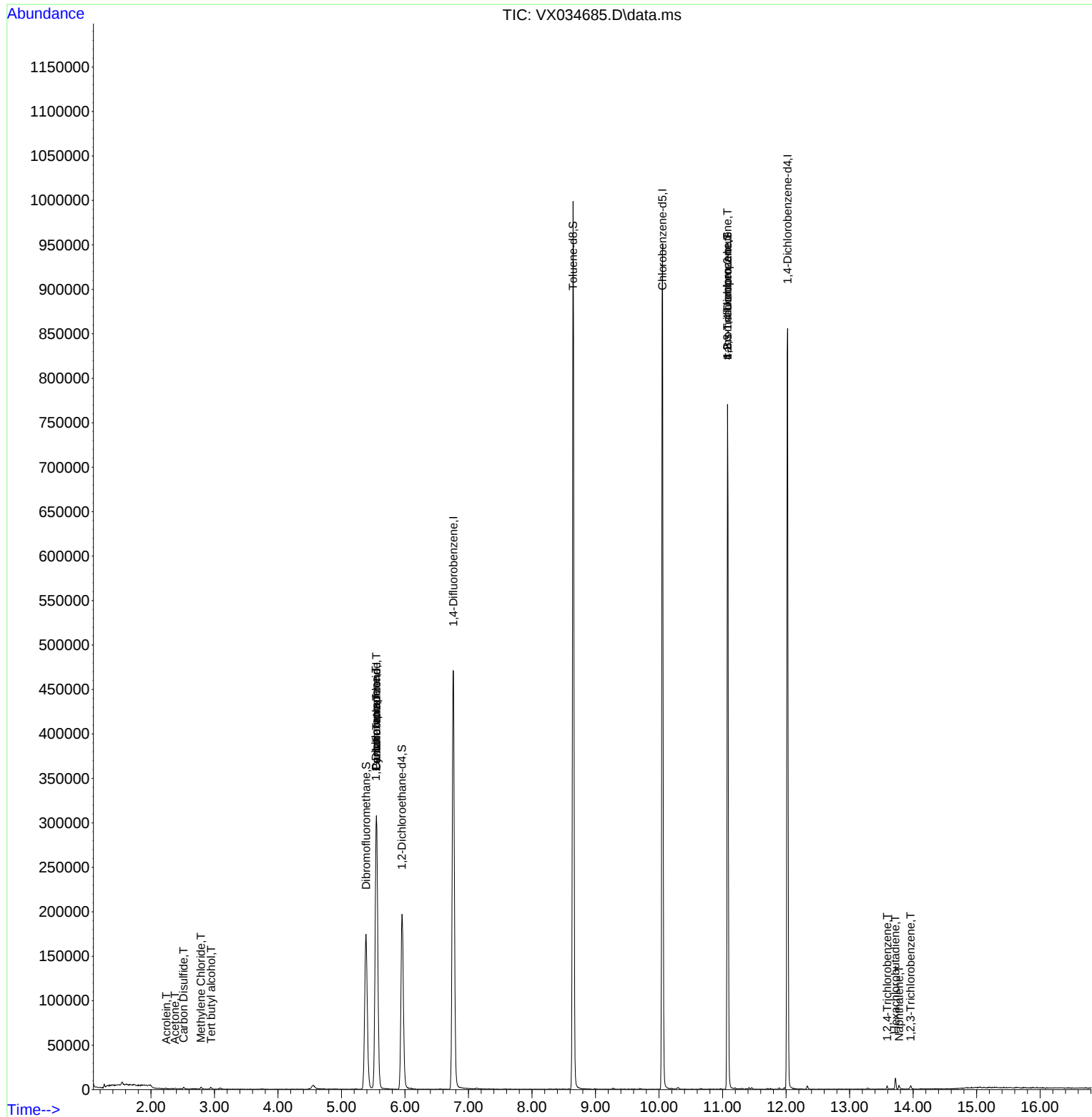
Internal Standards						
1) Pentafluorobenzene	5.550	168	284471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	477953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201975	48.804	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.600%		
35) Dibromofluoromethane	5.385	113	153440	48.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	8.647	98	570851	48.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.920%		
62) 4-Bromofluorobenzene	11.079	95	209830	44.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.200%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	497	Below Cal		96
11) Tert butyl alcohol	2.946	59	1156	1.341 ug/l #		73
13) Acrolein	2.239	56	225	0.330 ug/l #		43
16) Acetone	2.379	43	1176	0.603 ug/l		97
17) Carbon Disulfide	2.514	76	2171	0.248 ug/l		96
20) Methylene Chloride	2.788	84	1071	0.283 ug/l #		83
31) Cyclohexane	5.550	56	6508	1.121 ug/l #		1
36) 1,1-Dichloropropene	5.544	75	23875	4.926 ug/l #		51
38) Carbon Tetrachloride	5.550	117	30997	6.429 ug/l #		15
76) 1,2,3-Trichloropropane	11.079	75	110398	27.010 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	110398	73.070 ug/l #		8
93) 1,2,4-Trichlorobenzene	13.591	180	858	0.220 ug/l #		67
94) Hexachlorobutadiene	13.719	225	1807	1.148 ug/l		95
95) Naphthalene	13.780	128	3215	0.245 ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1085	0.284 ug/l		95

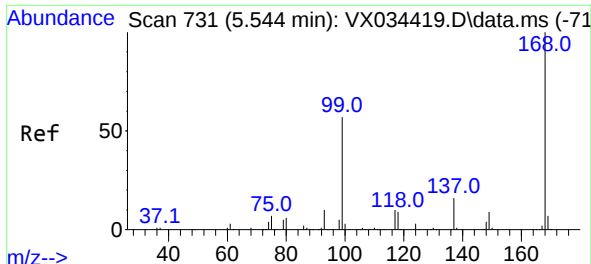
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 13:28:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

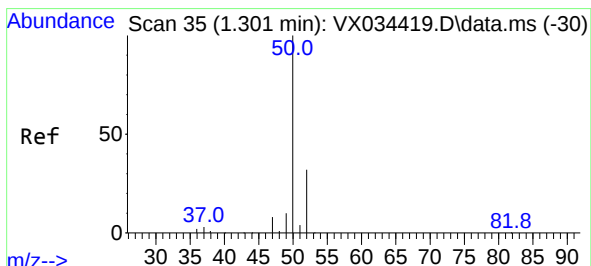
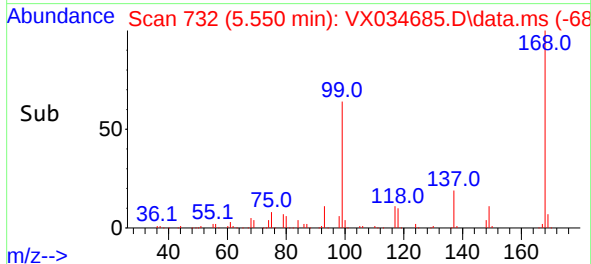
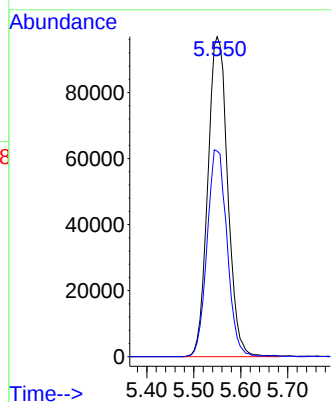
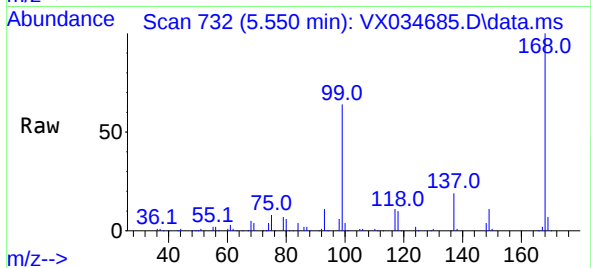




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

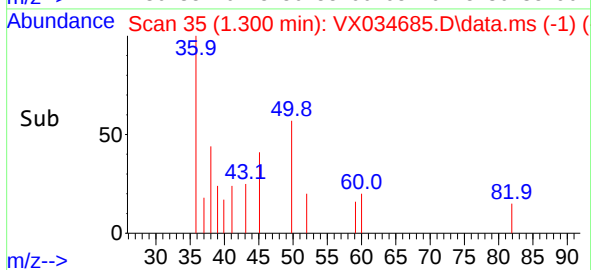
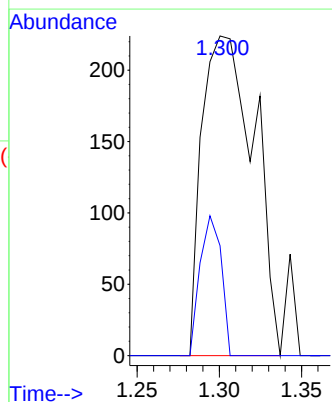
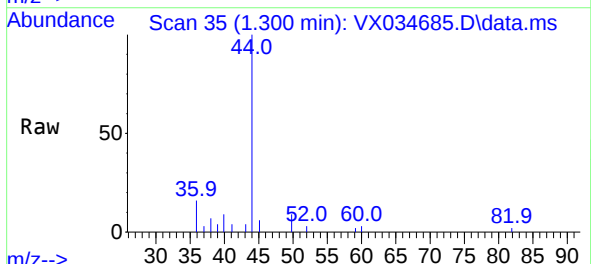
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

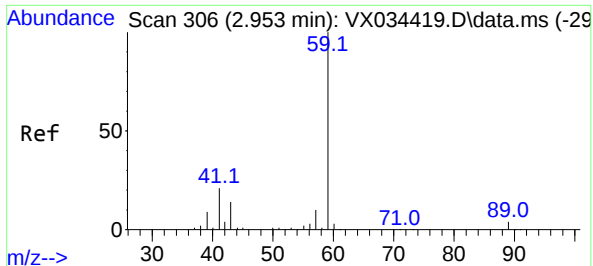
Tgt Ion:168 Resp: 284471
Ion Ratio Lower Upper
168 100
99 64.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9

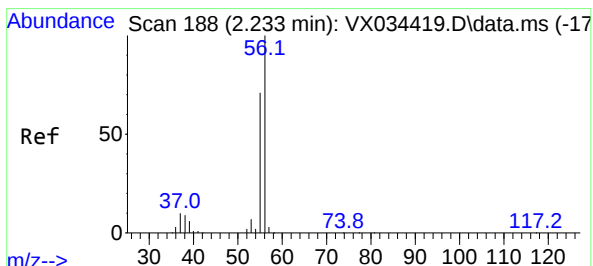
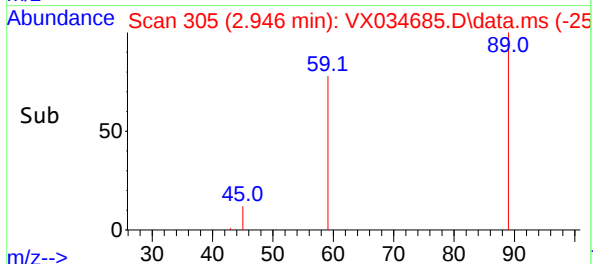
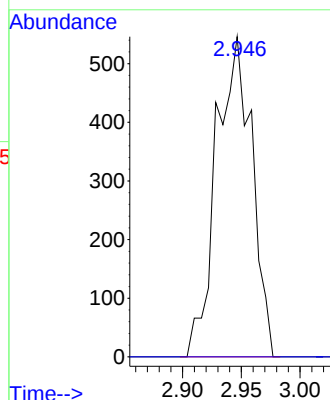
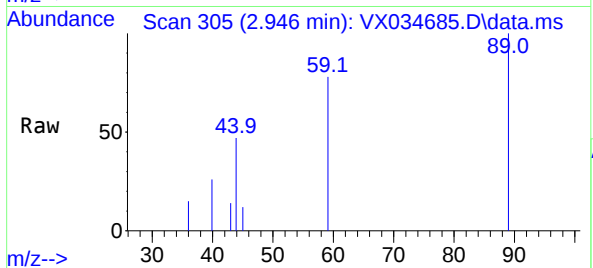




#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

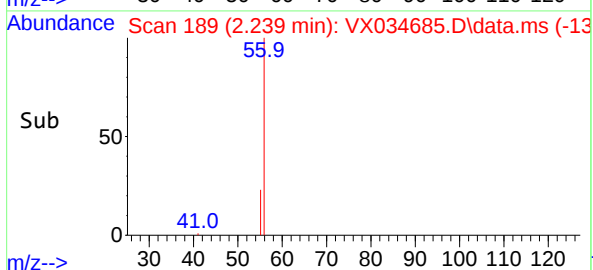
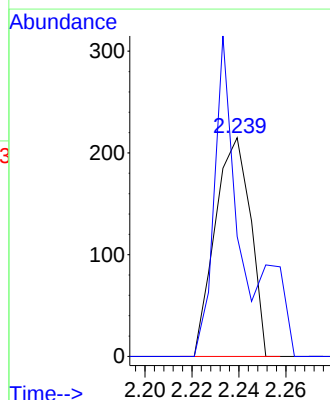
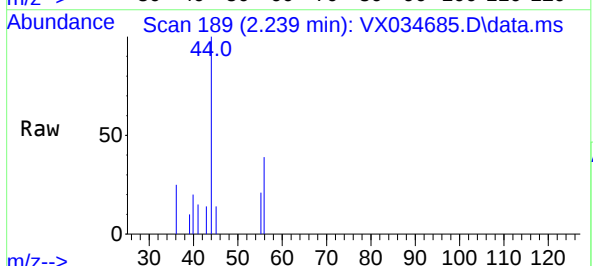
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

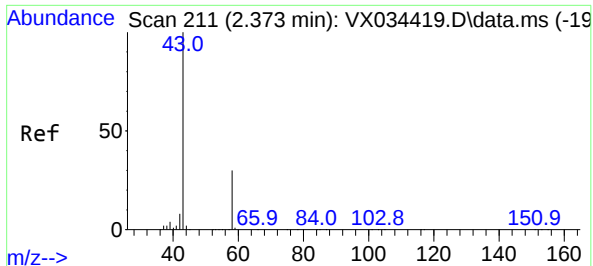
Tgt Ion: 59 Resp: 1156
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.330 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 118.2 56.6 85.0#

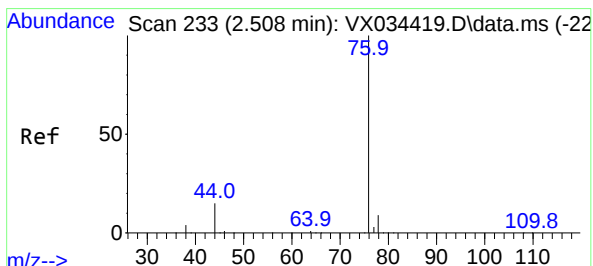
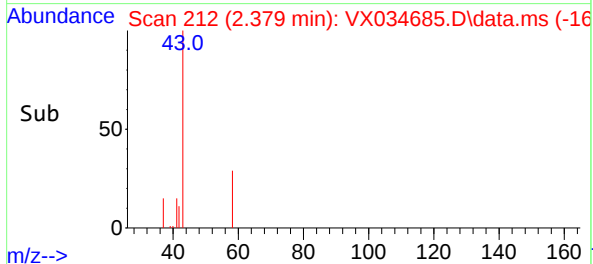
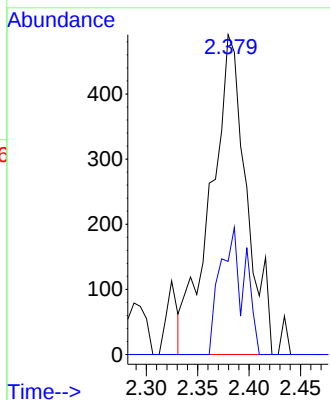
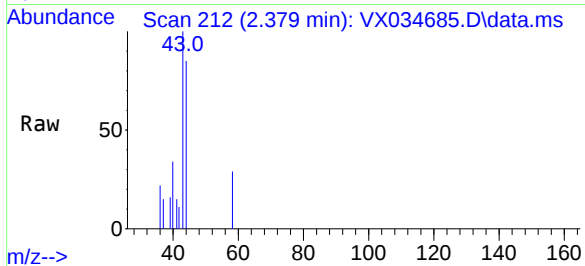




#16
Acetone
Concen: 0.603 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

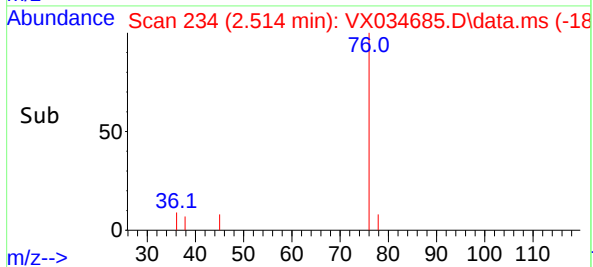
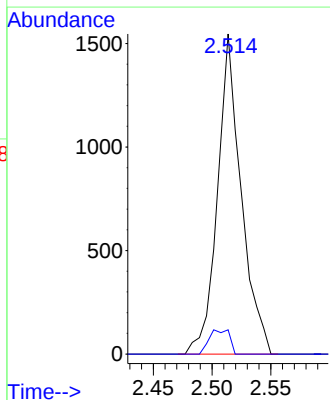
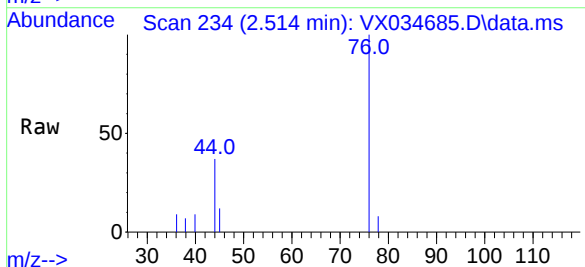
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

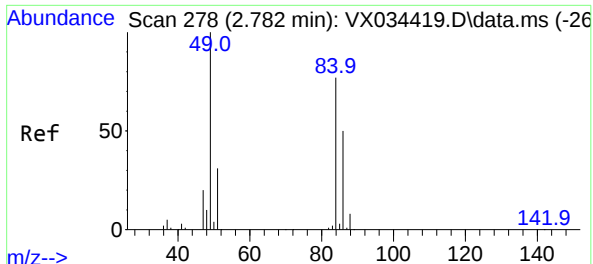
Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
58 29.1 24.7 37.1



#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 76 Resp: 2171
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



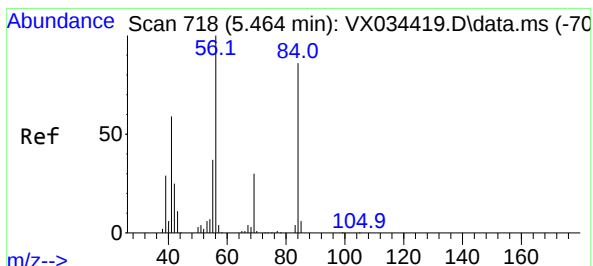
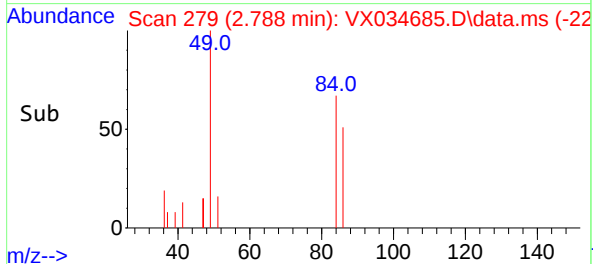
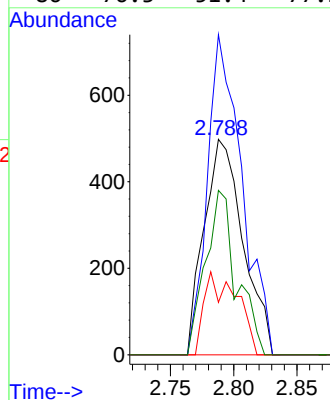
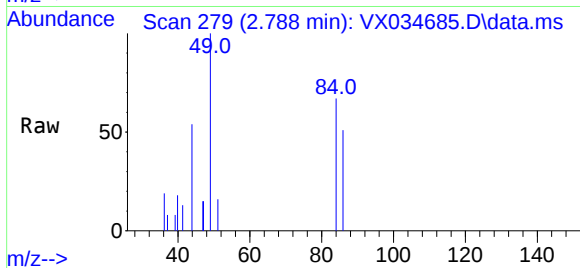


#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

Tgt Ion: 84 Resp: 1071

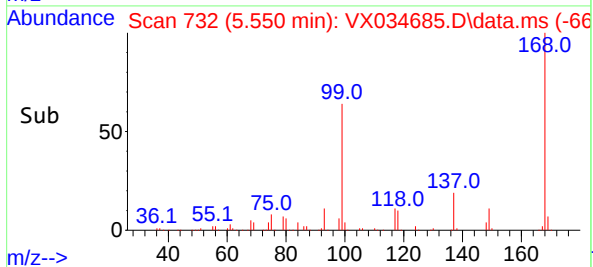
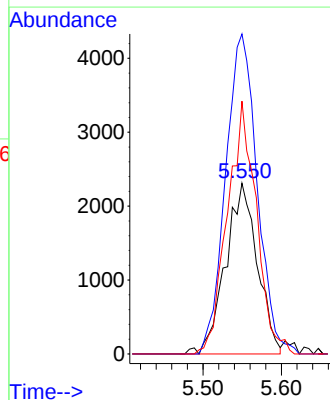
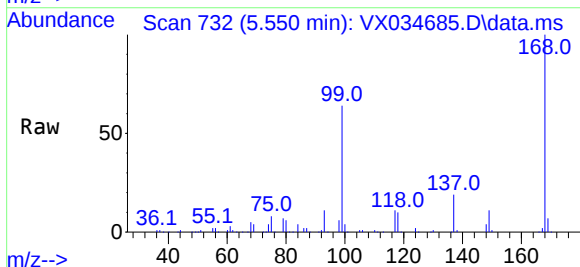
Ion	Ratio	Lower	Upper
84	100		
49	148.6	103.8	155.8
51	24.3	31.8	47.8#
86	76.3	51.4	77.2

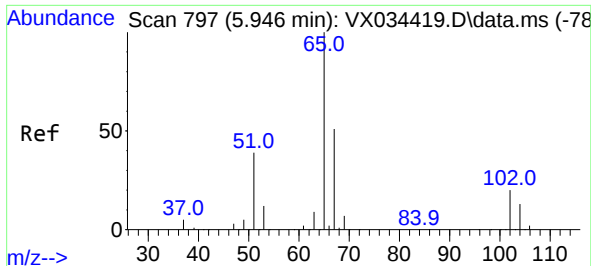


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 56 Resp: 6508

Ion	Ratio	Lower	Upper
56	100		
69	187.4	23.7	35.5#
84	148.0	68.5	102.7#

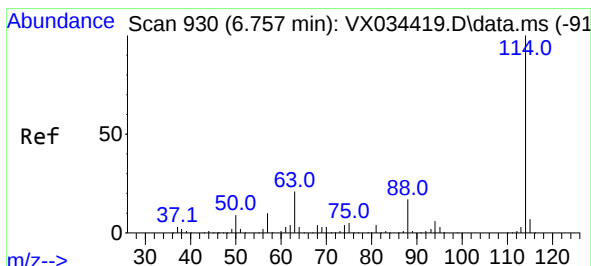
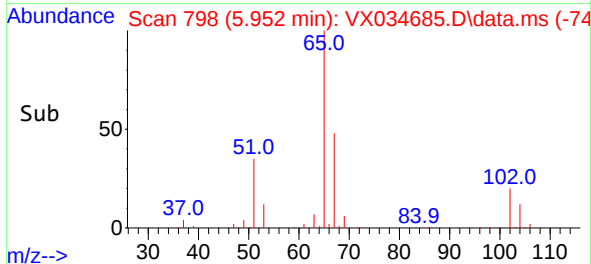
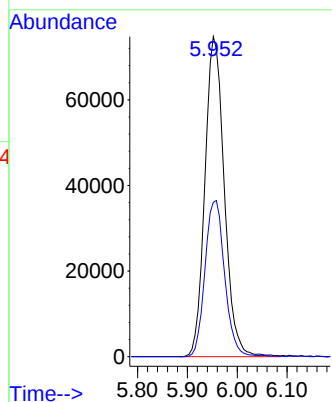
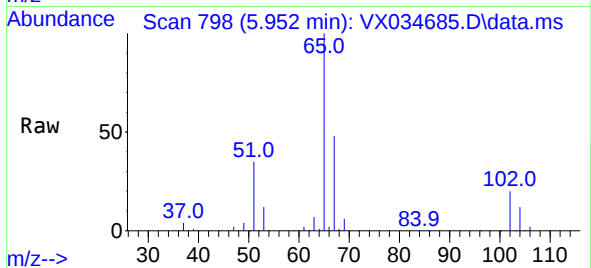




#33
1,2-Dichloroethane-d4
Concen: 48.804 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

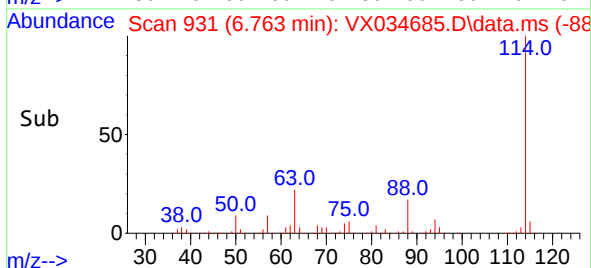
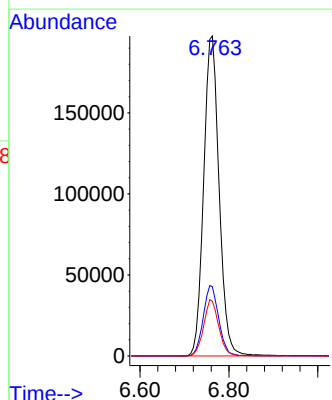
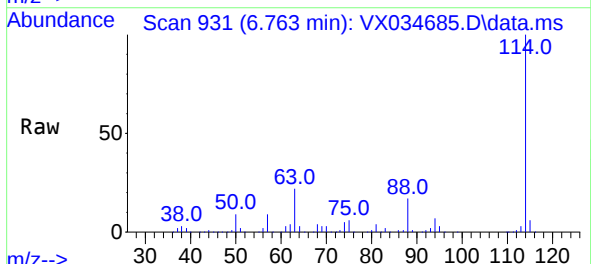
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

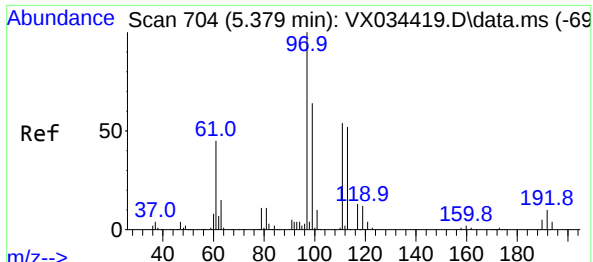
Tgt Ion: 65 Resp: 201975
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 114 Resp: 477953
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 17.1 0.0 33.2

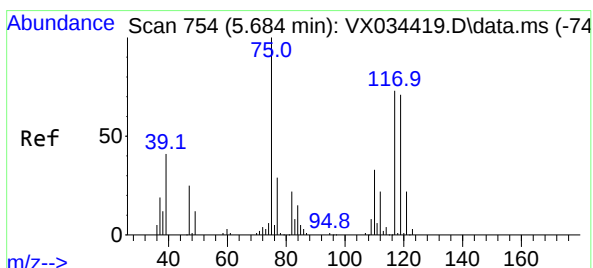
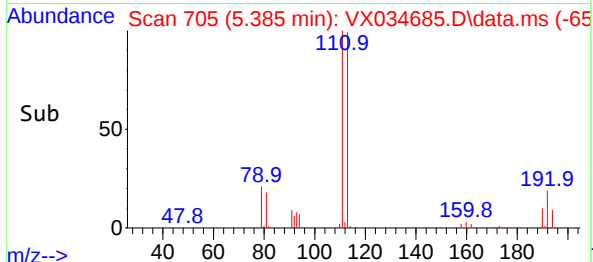
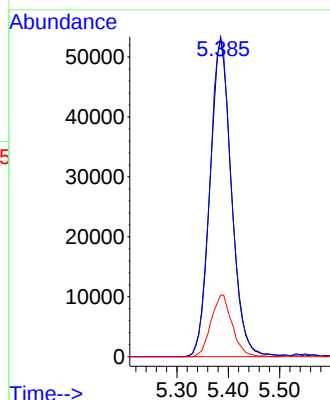
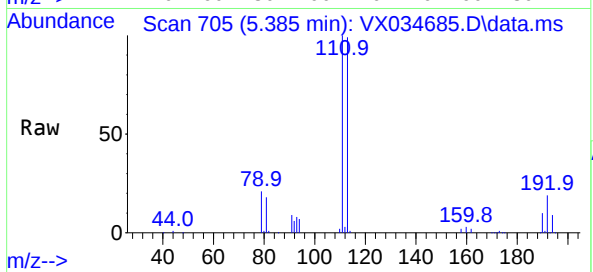




#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

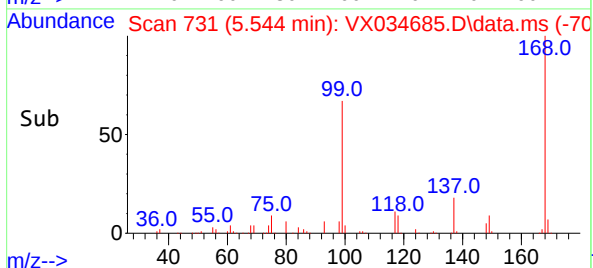
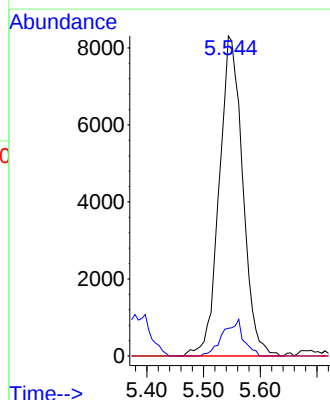
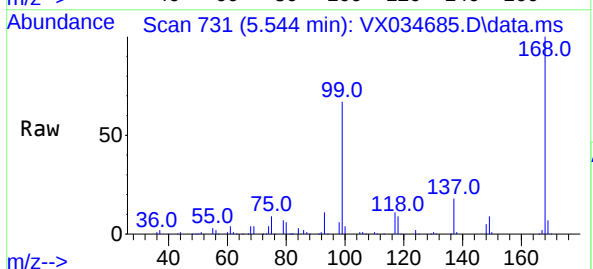
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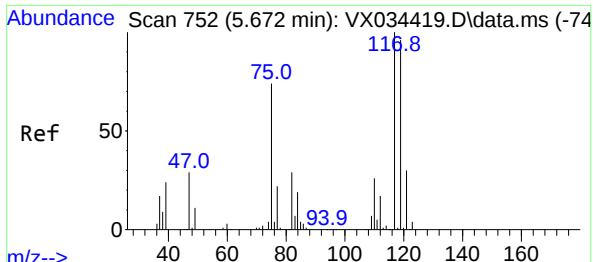
Tgt Ion:113 Resp: 153440
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

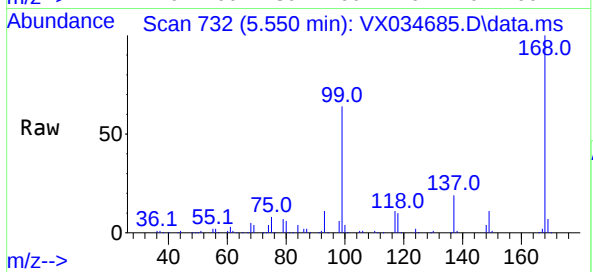
Tgt Ion: 75 Resp: 23875
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



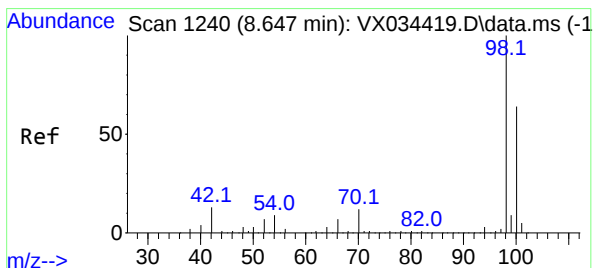
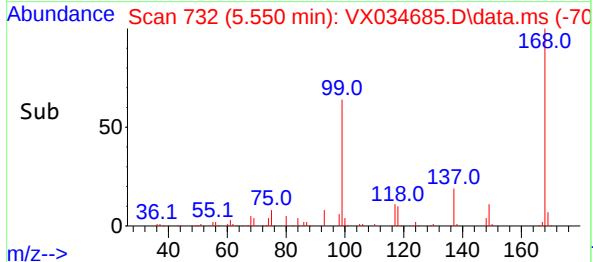
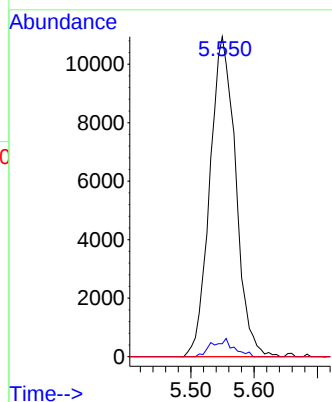


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

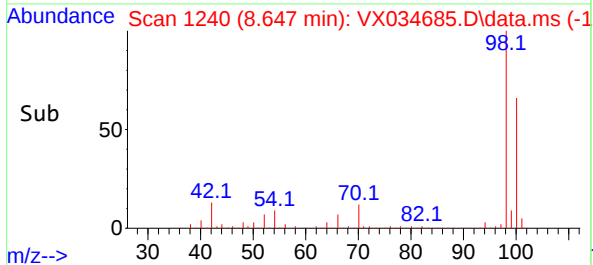
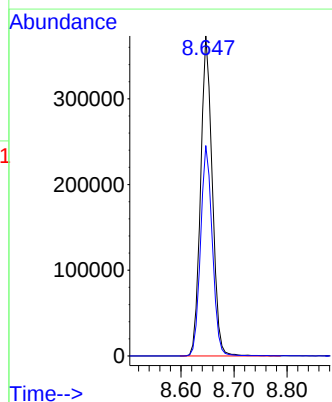
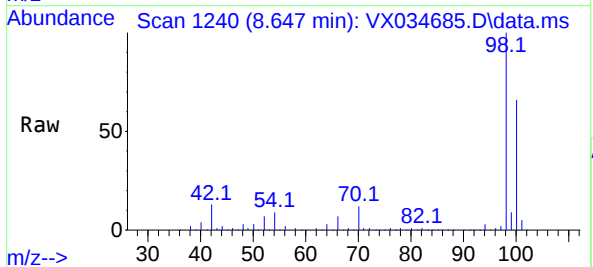


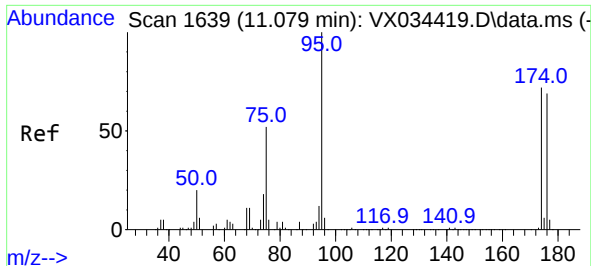
Tgt Ion:117 Resp: 30997
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.458 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 98 Resp: 570851
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

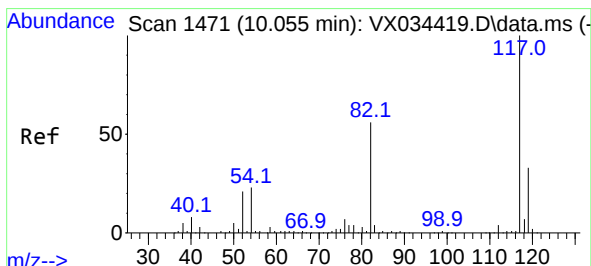
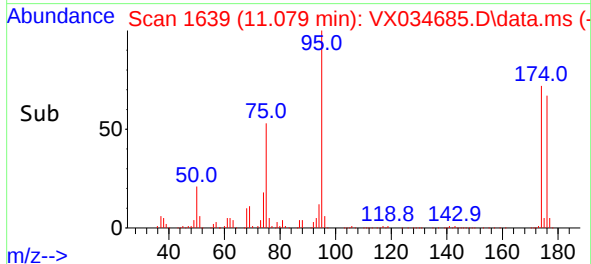
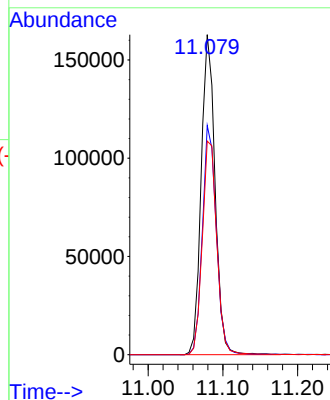
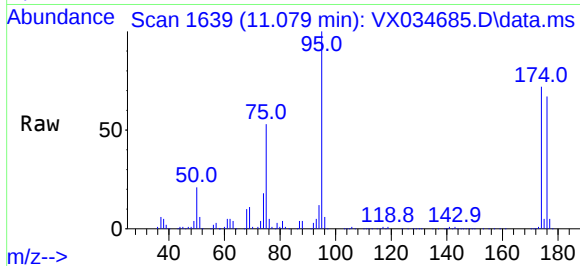




#62
4-Bromofluorobenzene
Concen: 44.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

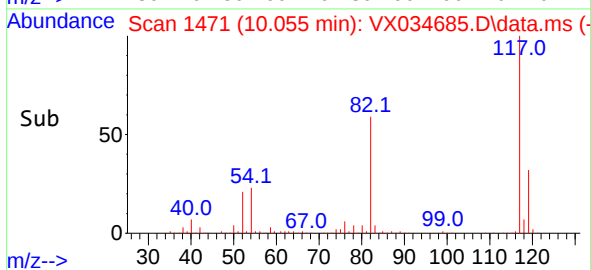
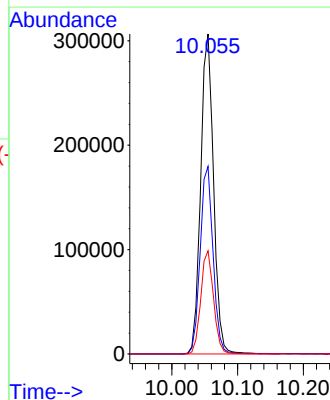
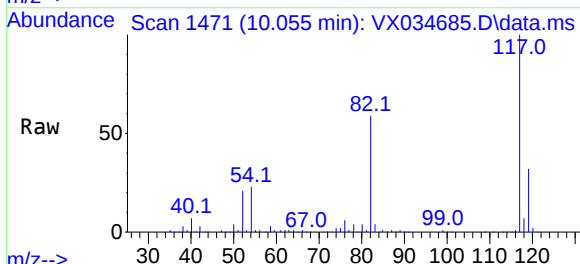
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

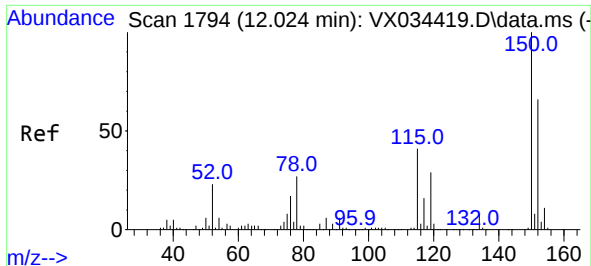
Tgt Ion: 95 Resp: 209830
Ion Ratio Lower Upper
95 100
174 71.7 0.0 147.4
176 69.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 117 Resp: 416109
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.3 26.0 39.0

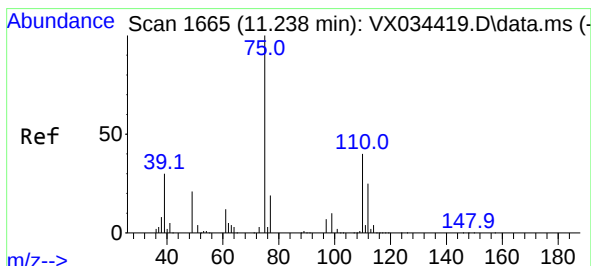
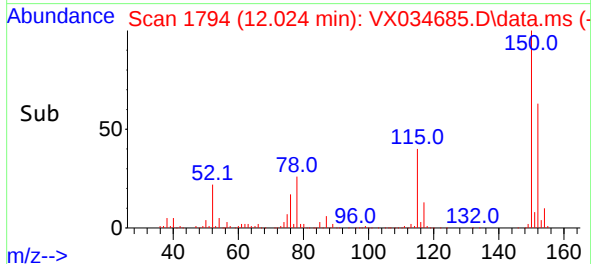
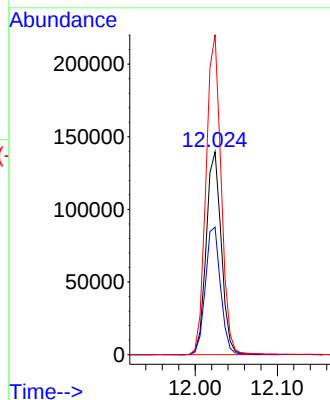
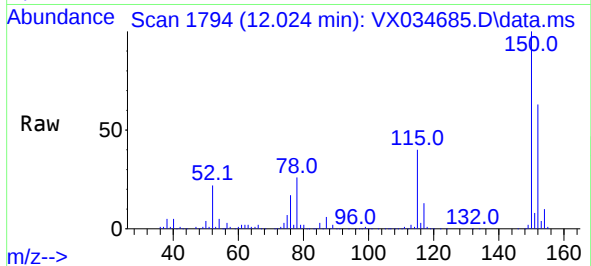




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

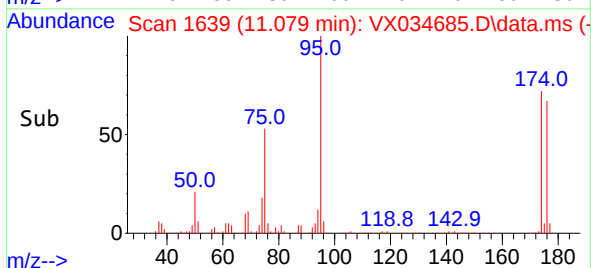
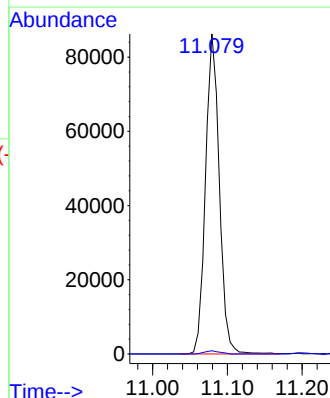
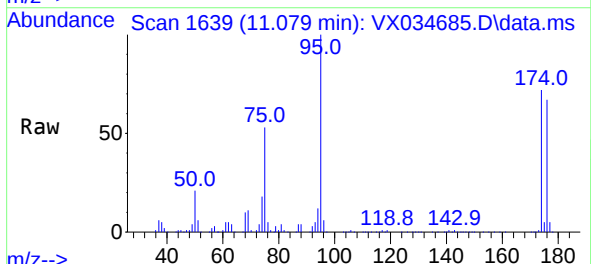
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

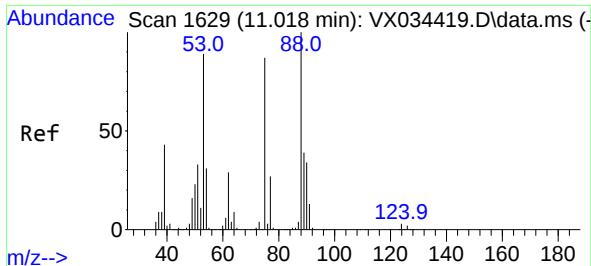
Tgt Ion:152 Resp: 178011
Ion Ratio Lower Upper
152 100
115 63.6 45.0 135.0
150 158.4 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion: 75 Resp: 110398
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

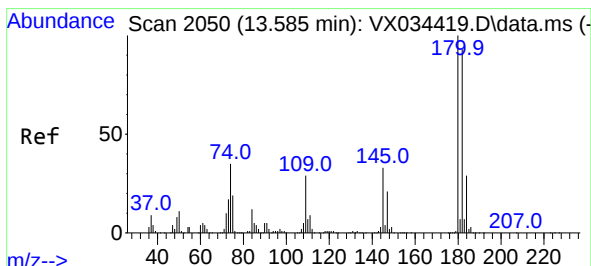
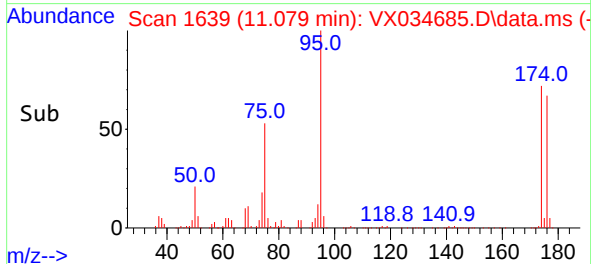
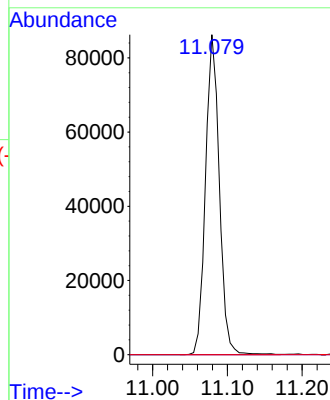
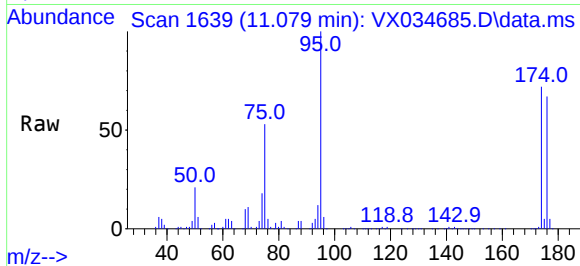




#81
trans-1,4-Dichloro-2-butene
Concen: 73.070 ug/l
RT: 11.079 min Scan# 110398
Delta R.T. 0.061 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

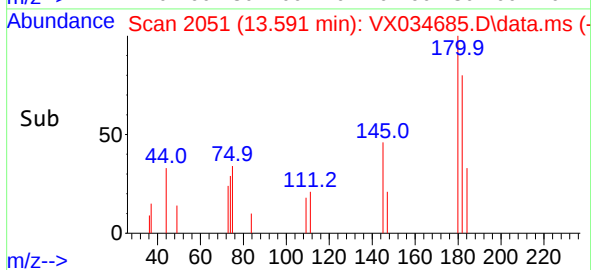
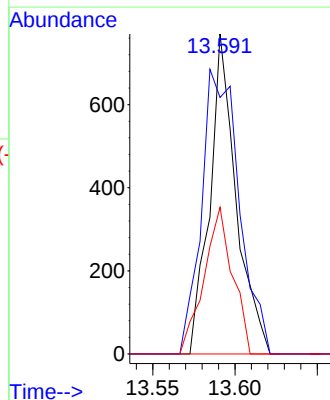
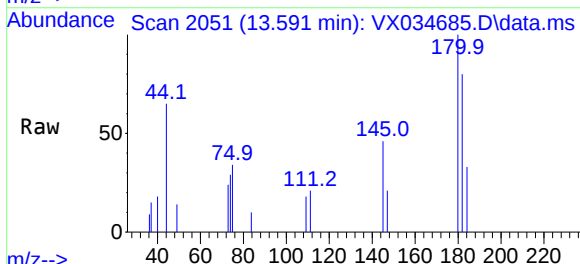
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

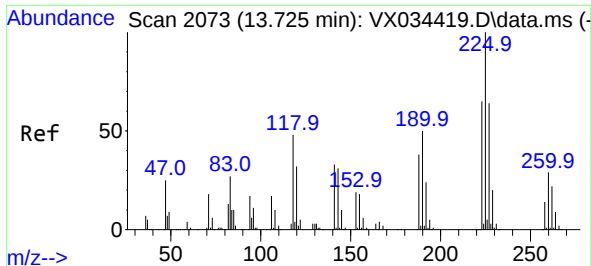
Tgt Ion: 75 Resp: 110398
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

Tgt Ion:180 Resp: 858
Ion Ratio Lower Upper
180 100
182 126.6 47.0 141.0
145 49.7 15.9 47.7#

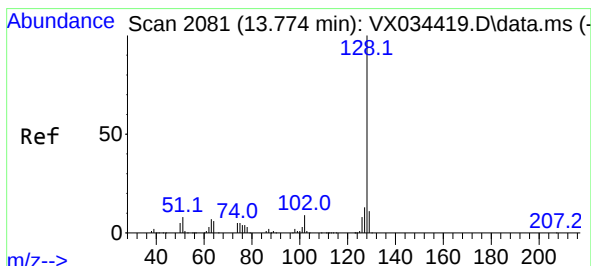
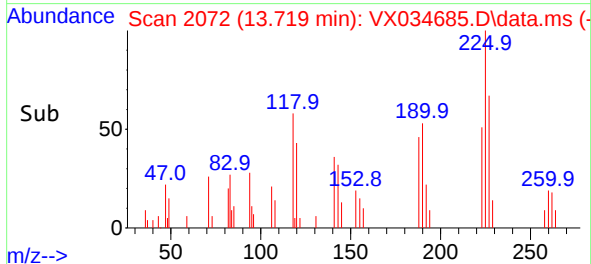
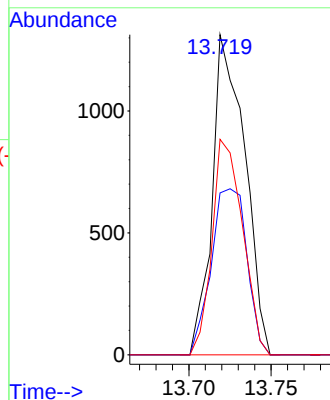
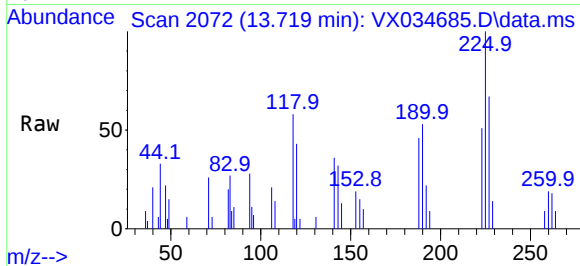




#94
Hexachlorobutadiene
Concen: 1.148 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

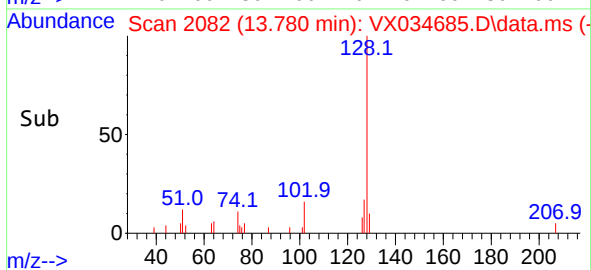
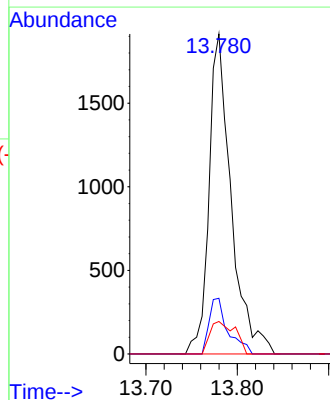
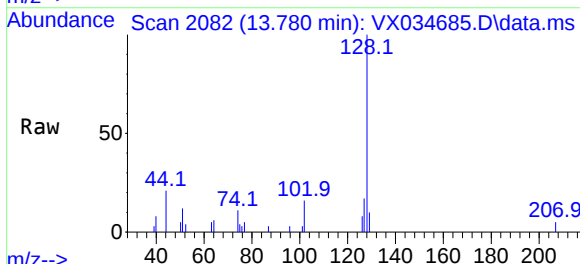
Instrument :
MSVOA_X
ClientSampleId :
VX0323MBL01

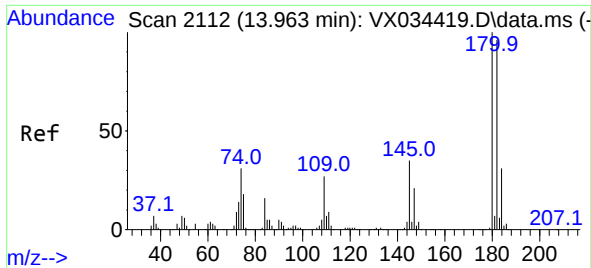
Tgt Ion:	225	Resp:	1807
Ion	Ratio	Lower	Upper
225	100		
223	57.0	32.1	96.5
227	63.3	31.8	95.4



#95
Naphthalene
Concen: 0.245 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034685.D
Acq: 23 Mar 2023 09:24

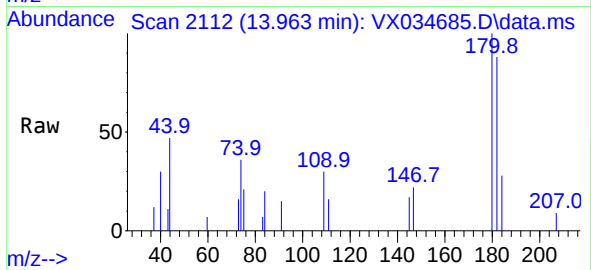
Tgt Ion:	128	Resp:	3215
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.4
129	11.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.284 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034685.D
 Acq: 23 Mar 2023 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBL01



Tgt Ion:	180	Resp:	1085
Ion	Ratio	Lower	Upper
180	100		
182	99.3	48.0	144.2
145	29.9	17.7	53.1

