

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033682.D
 Acq On : 10 Jan 2023 14:05
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Jan 11 00:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

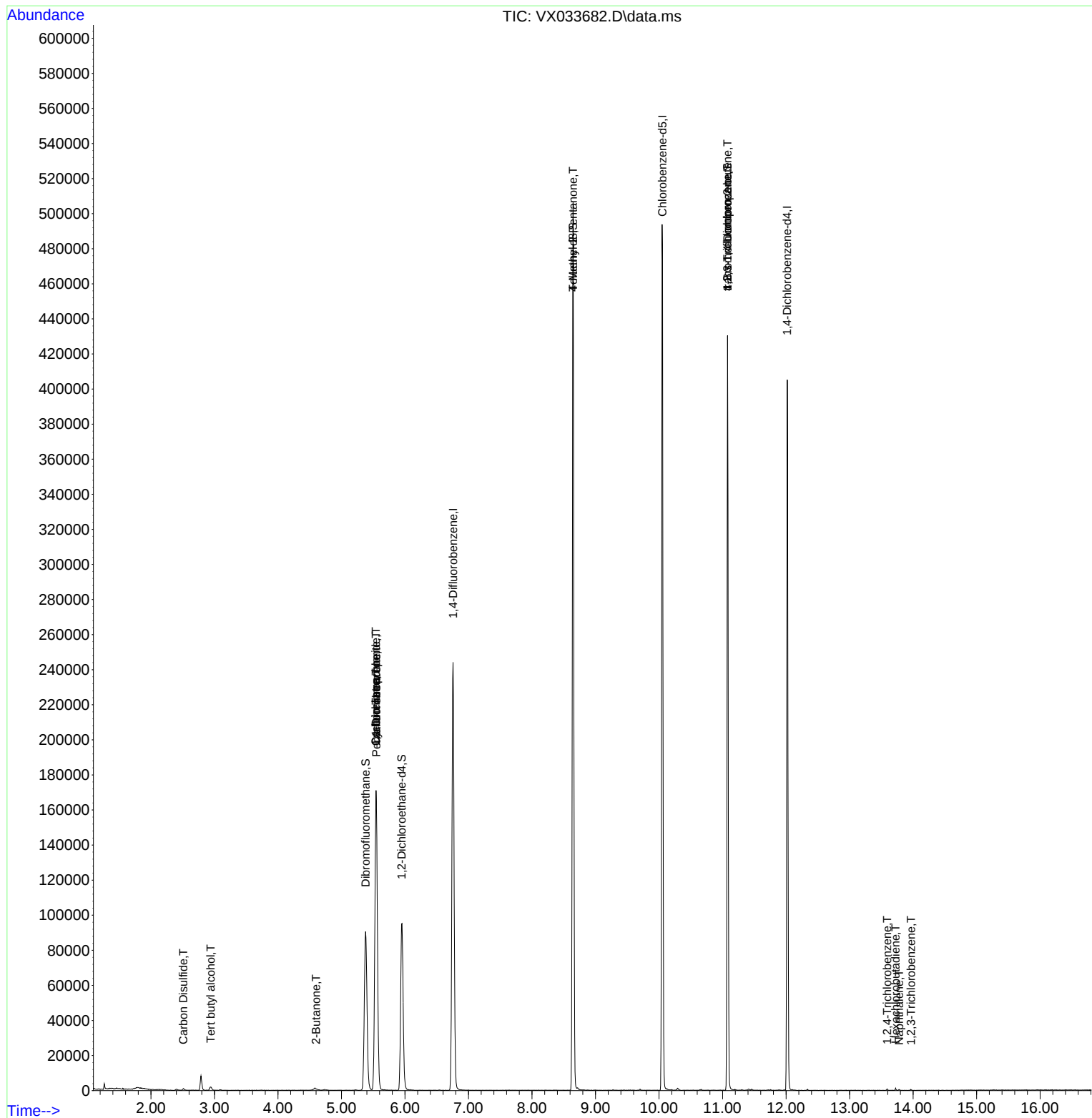
Internal Standards						
1) Pentafluorobenzene	5.550	168	174554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95558	48.495	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.980%	
35) Dibromofluoromethane	5.379	113	80420	47.911	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.820%	
50) Toluene-d8	8.647	98	296709	49.456	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.920%	
62) 4-Bromofluorobenzene	11.079	95	106444	50.054	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1302	4.022	ug/l #	80
16) Acetone	2.404	43	1104	Below Cal		97
17) Carbon Disulfide	2.507	76	1157	1.920	ug/l #	74
20) Methylene Chloride	2.788	84	3517	Below Cal		93
25) 2-Butanone	4.599	43	759	0.590	ug/l #	51
31) Cyclohexane	5.544	56	3201	1.167	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	11214	4.932	ug/l #	51
37) Ethyl Acetate	4.727	43	1034	Below Cal	#	69
38) Carbon Tetrachloride	5.544	117	15965	6.635	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1335	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52253	34.670	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	52253	105.228	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	266	1.734	ug/l	93
94) Hexachlorobutadiene	13.725	225	268	0.332	ug/l	88
95) Naphthalene	13.780	128	579	3.211	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	250	3.870	ug/l	93

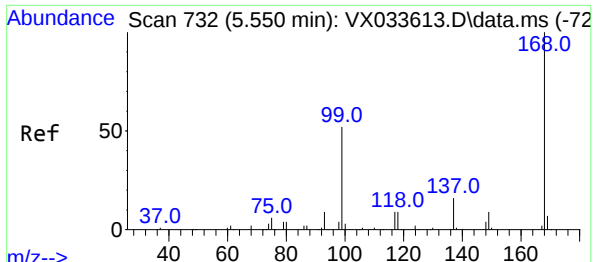
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
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Instrument :
MSVOA_X
ClientSampleId :
VIBLK

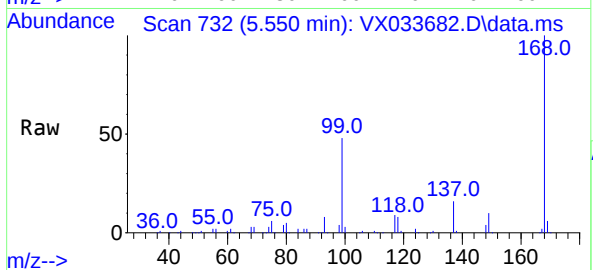
Quant Time: Jan 11 00:33:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration



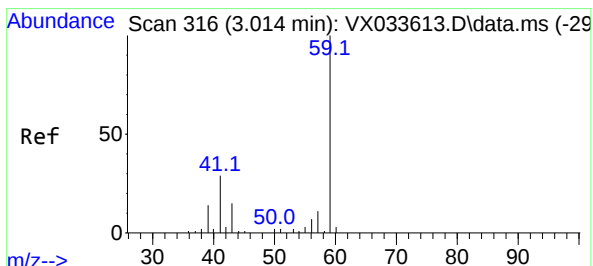
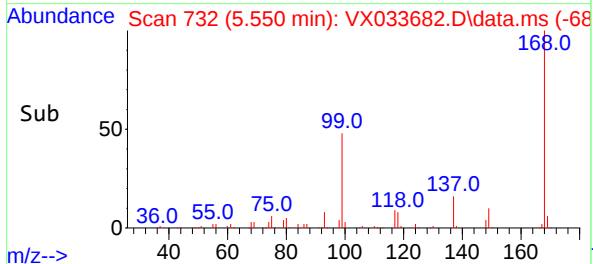
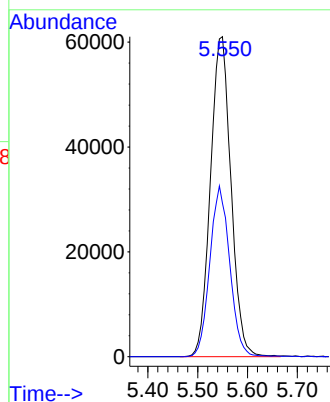


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

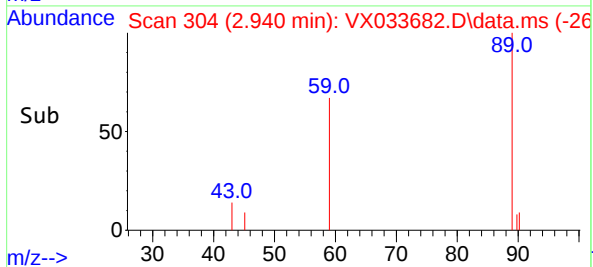
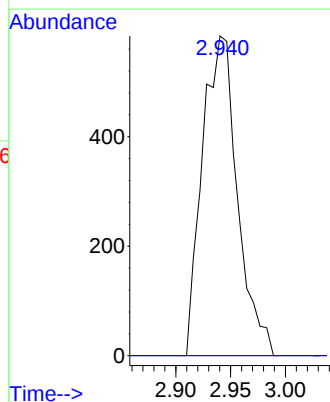
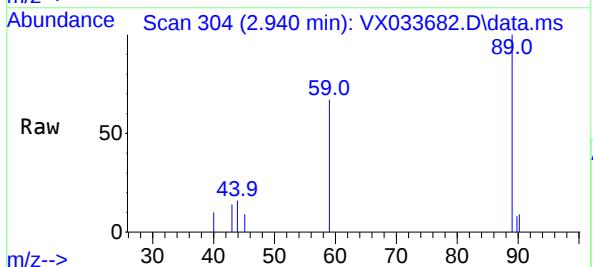


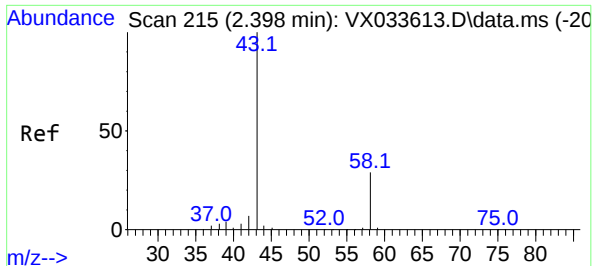
Tgt Ion:168 Resp: 174554
Ion Ratio Lower Upper
168 100
99 48.0 41.4 62.2



#11
Tert butyl alcohol
Concen: 4.022 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 59 Resp: 1302
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

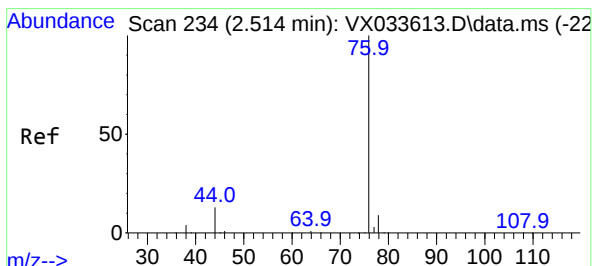
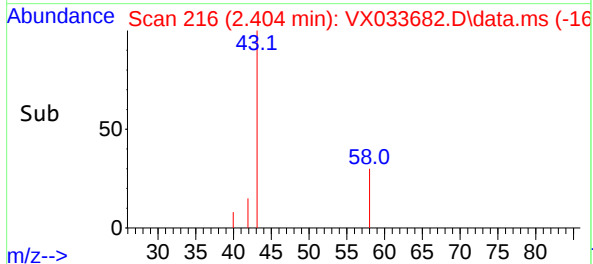
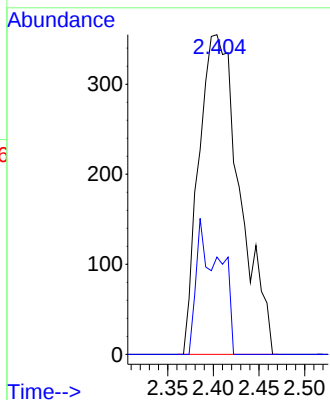
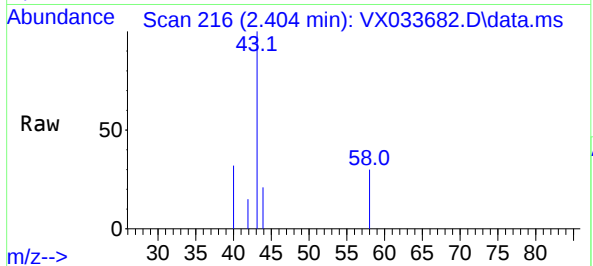




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

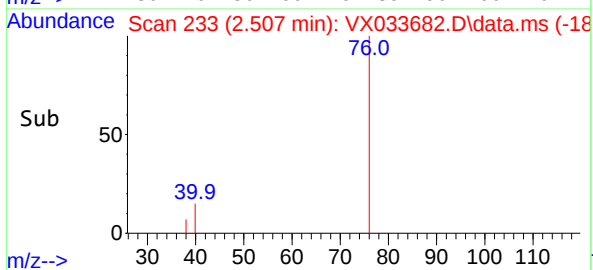
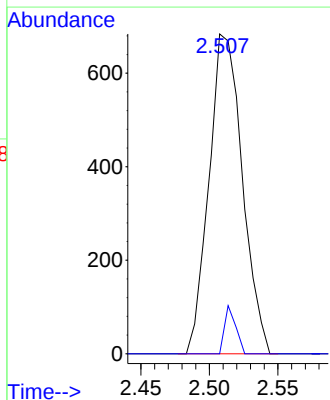
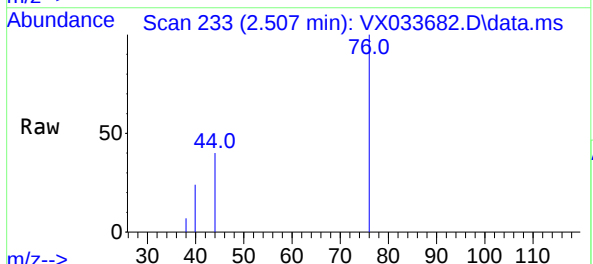
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

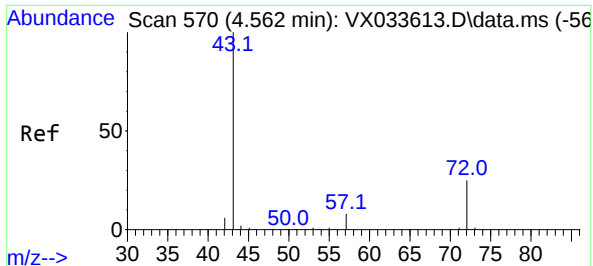
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 30.4 22.9 34.3



#17
Carbon Disulfide
Concen: 1.920 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 76 Resp: 1157
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

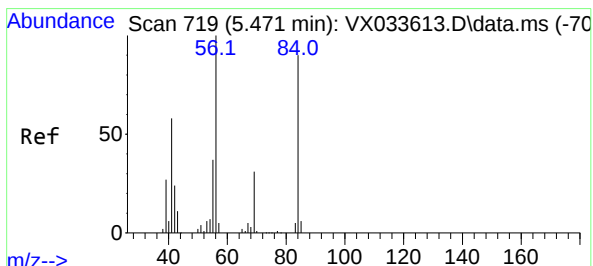
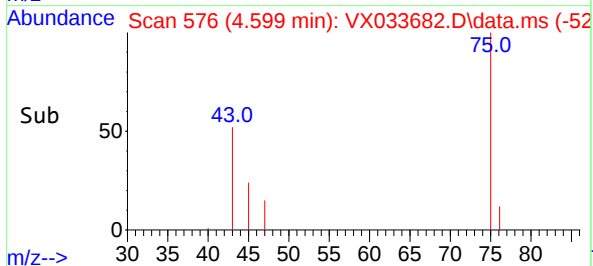
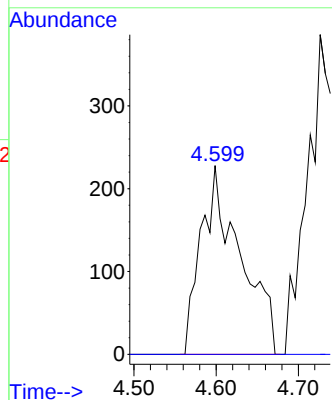
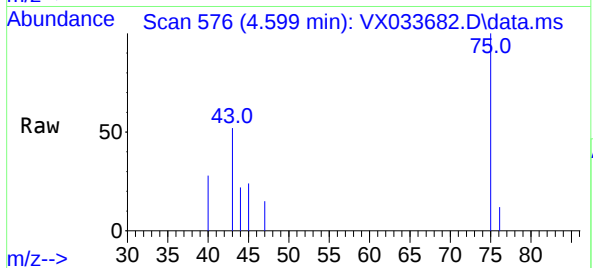




#25
2-Butanone
Concen: 0.590 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

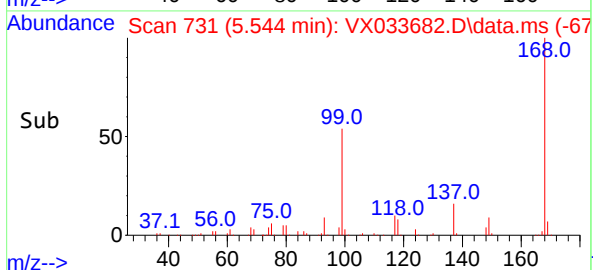
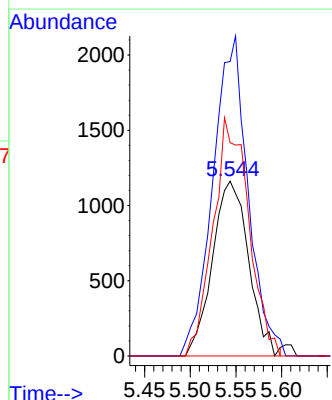
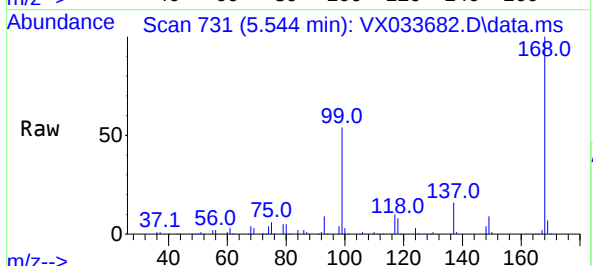
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

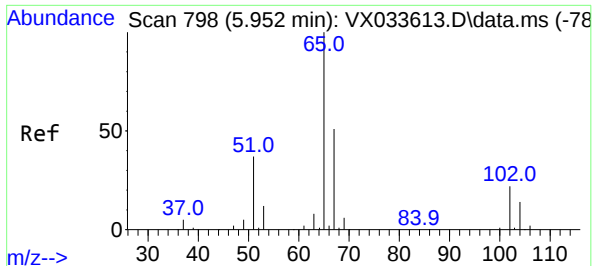
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 56 Resp: 3201
Ion Ratio Lower Upper
56 100
69 168.6 24.6 36.8#
84 122.1 72.2 108.2#

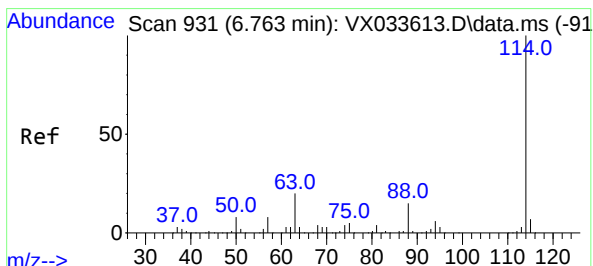
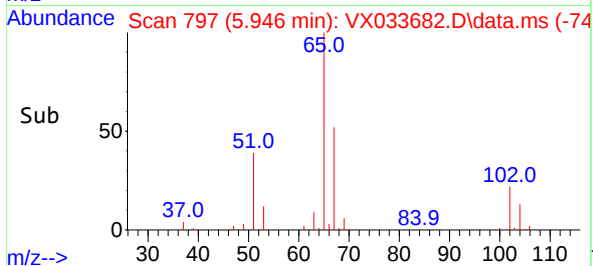
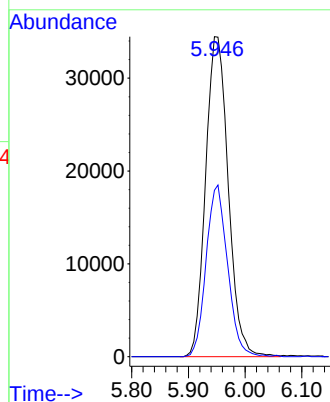
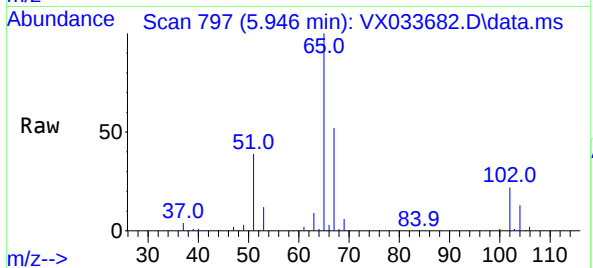




#33
1,2-Dichloroethane-d4
Concen: 48.495 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

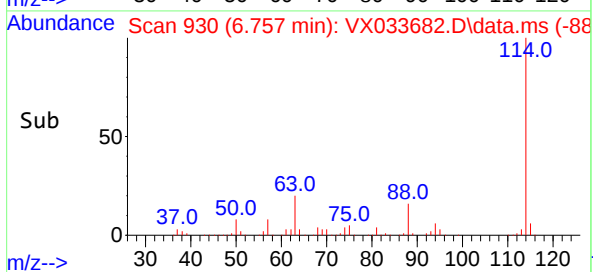
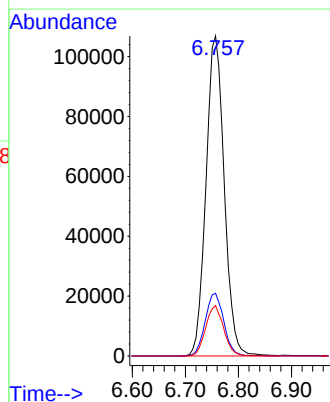
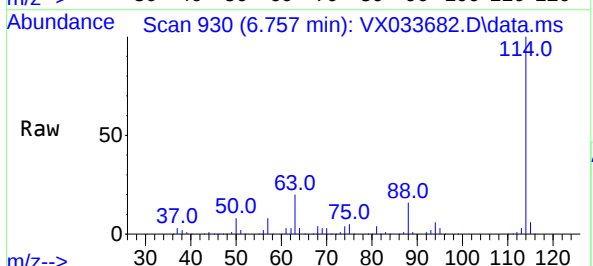
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

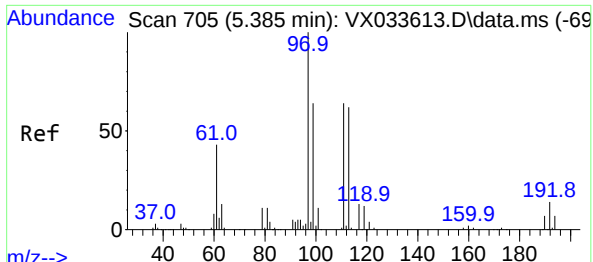
Tgt Ion: 65 Resp: 95558
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 114 Resp: 255371
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.8 0.0 29.6

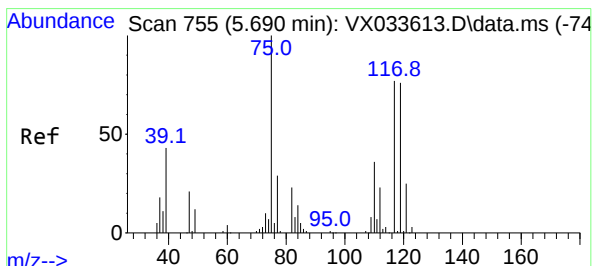
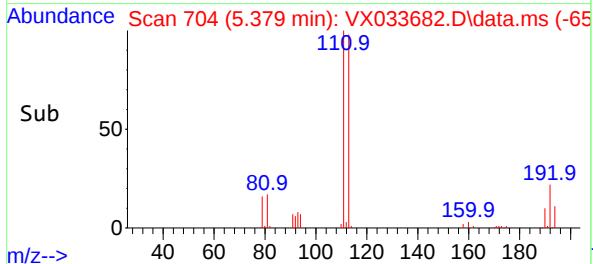
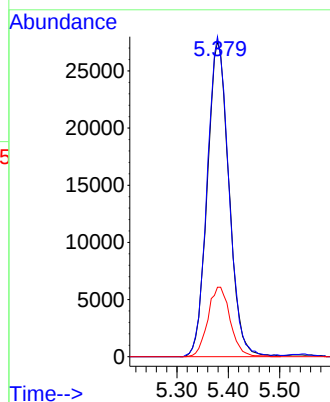
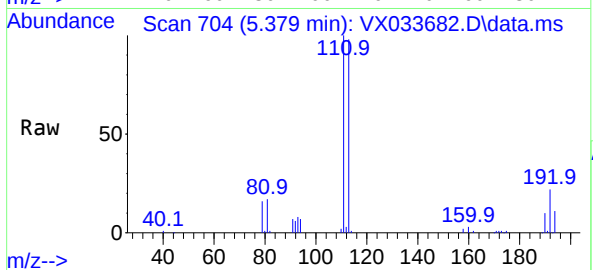




#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

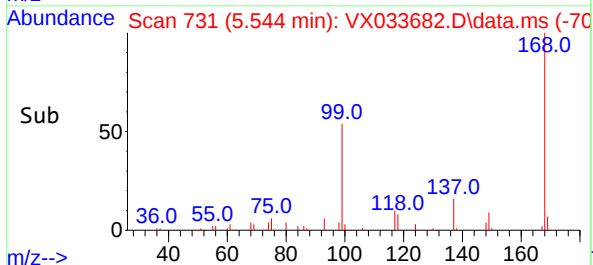
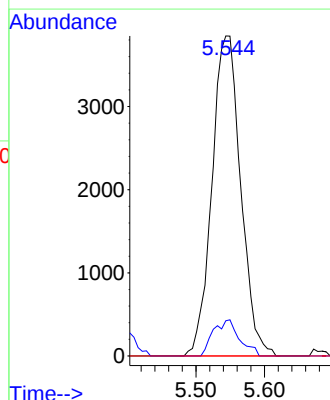
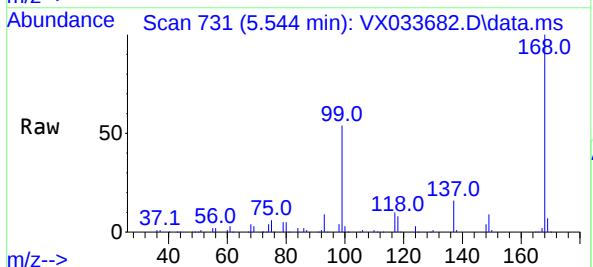
Instrument :
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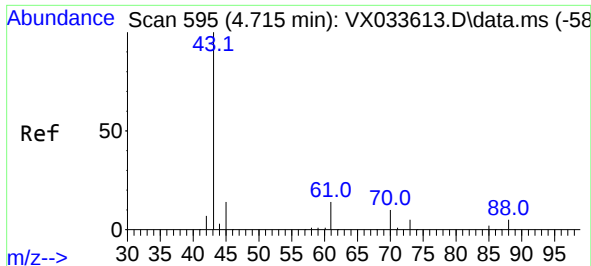
Tgt Ion:113 Resp: 80420
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 22.8 18.2 27.2



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 75 Resp: 11214
Ion Ratio Lower Upper
75 100
110 10.3 18.0 54.0#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX033682.D

Acq: 10 Jan 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

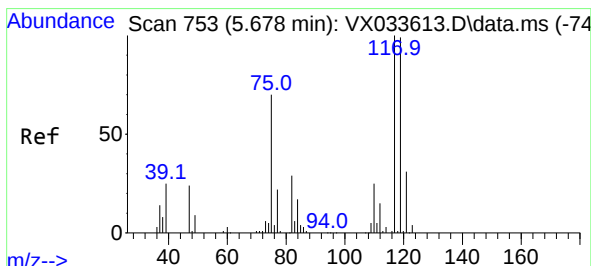
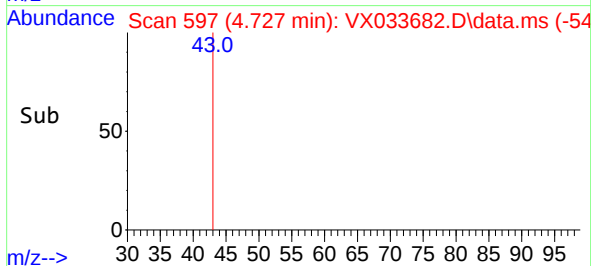
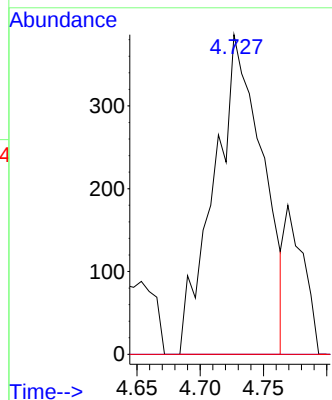
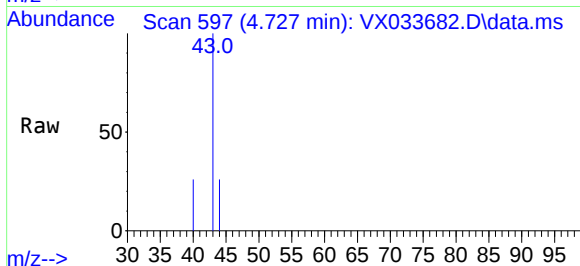
Tgt Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.1 12.1#



#38

Carbon Tetrachloride

Concen: 6.635 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX033682.D

Acq: 10 Jan 2023 14:05

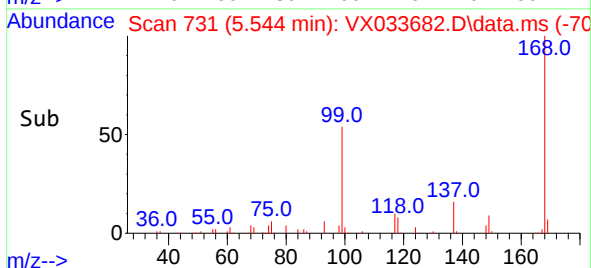
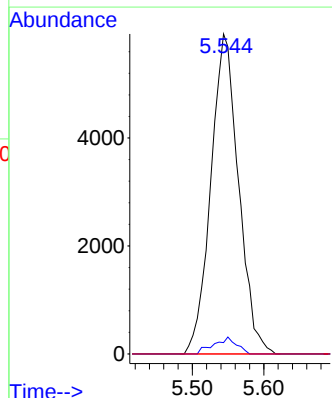
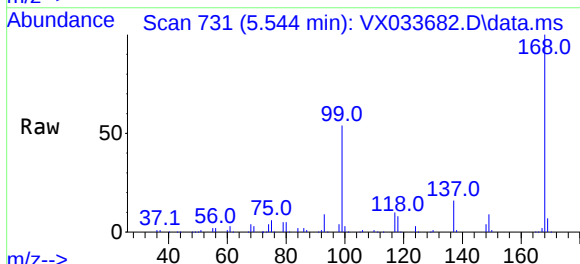
Tgt Ion: 117 Resp: 15965

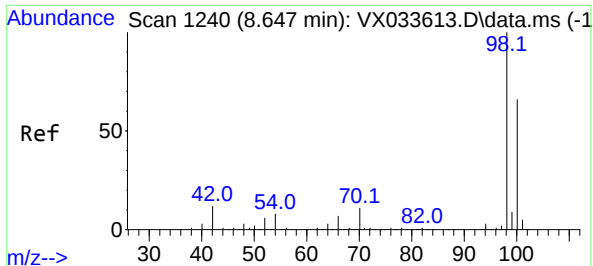
Ion Ratio Lower Upper

117 100

119 3.5 78.8 118.2#

121 0.0 24.9 37.3#

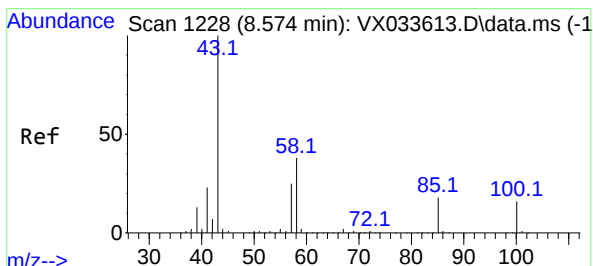
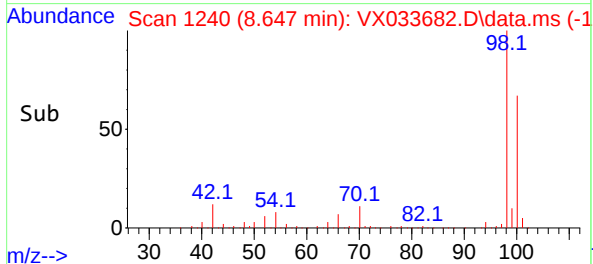
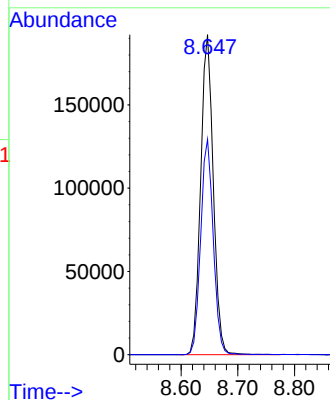
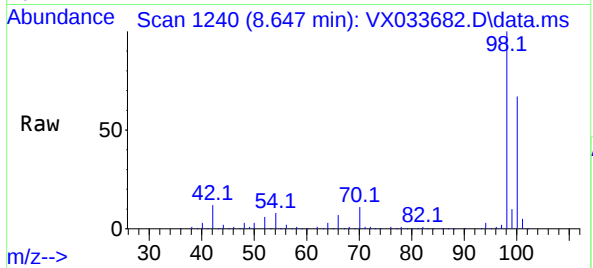




#50
Toluene-d8
Concen: 49.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

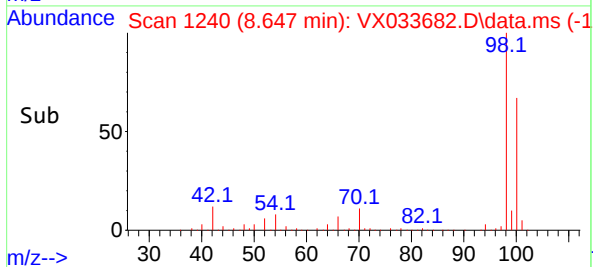
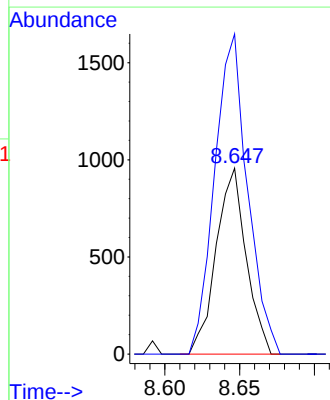
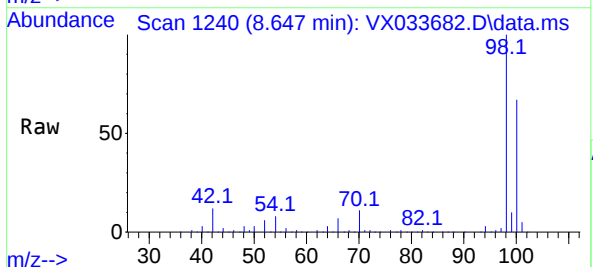
Instrument :
MSVOA_X
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VIBLK

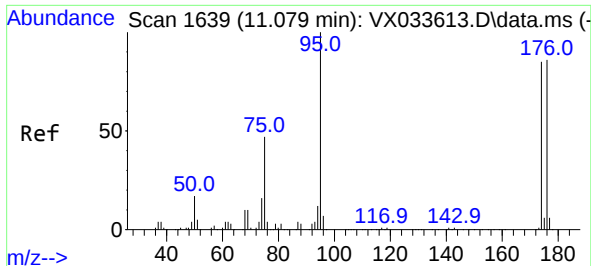
Tgt Ion: 98 Resp: 296709
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 188.5 30.5 45.7#

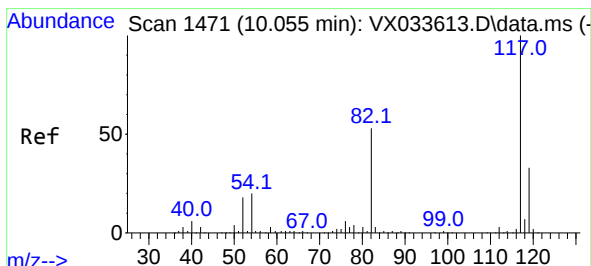
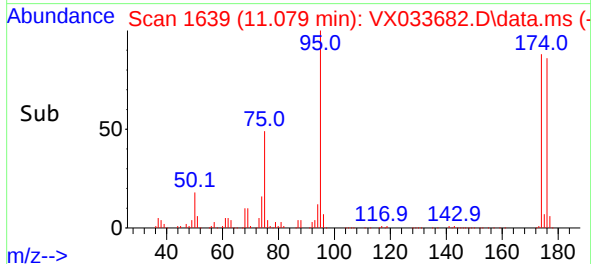
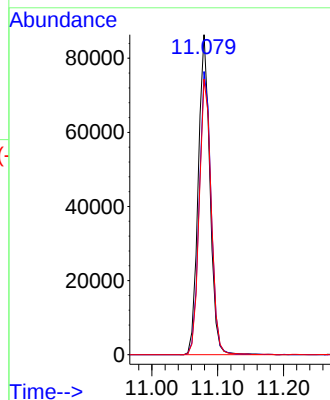
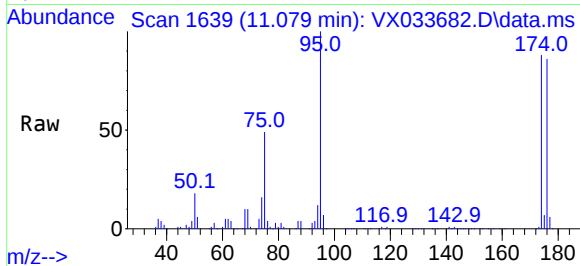




#62
4-Bromofluorobenzene
Concen: 50.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

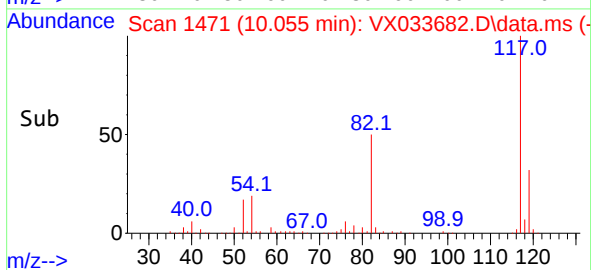
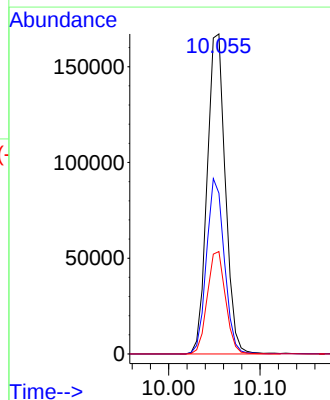
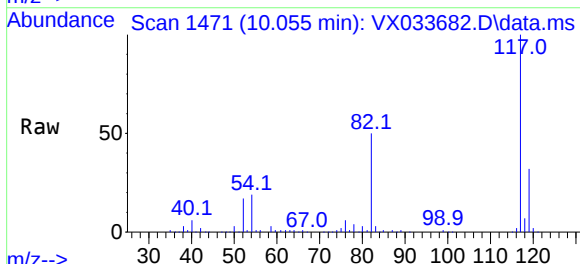
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

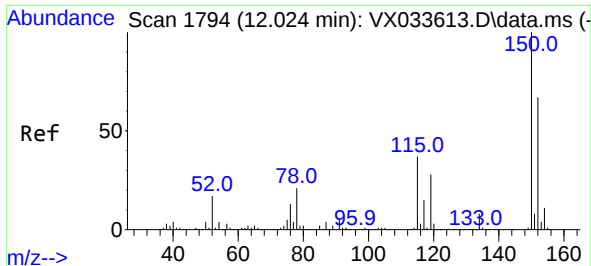
Tgt Ion: 95 Resp: 106444
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.4
176 88.1 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion: 117 Resp: 230602
Ion Ratio Lower Upper
117 100
82 50.3 42.2 63.2
119 32.0 26.2 39.4

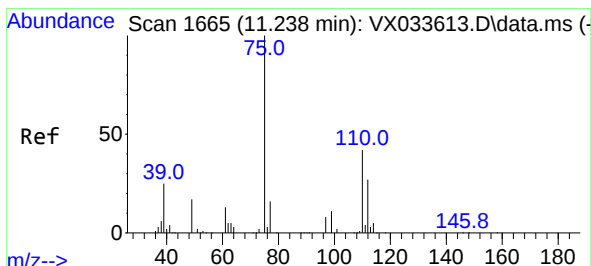
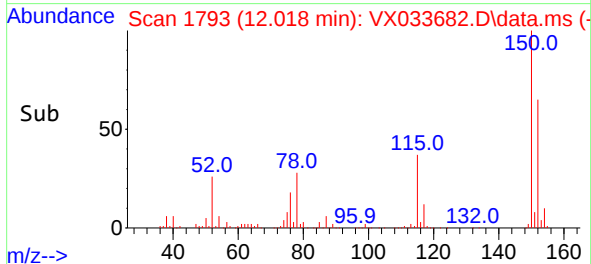
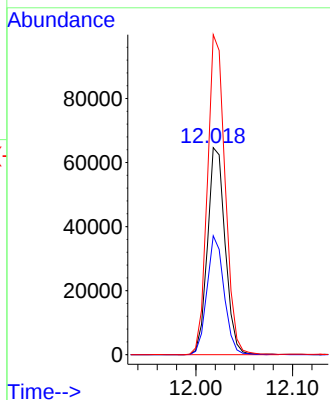
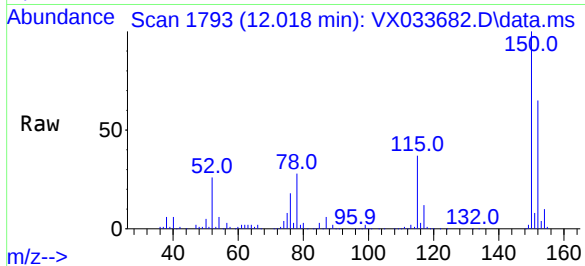




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX033682.D
 Acq: 10 Jan 2023 14:05

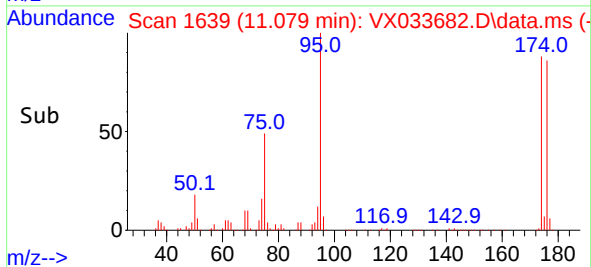
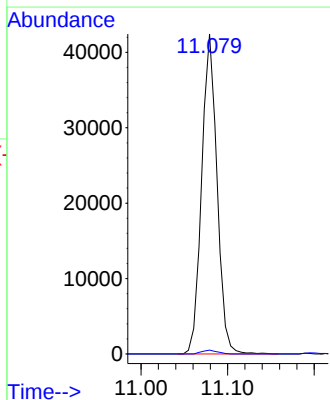
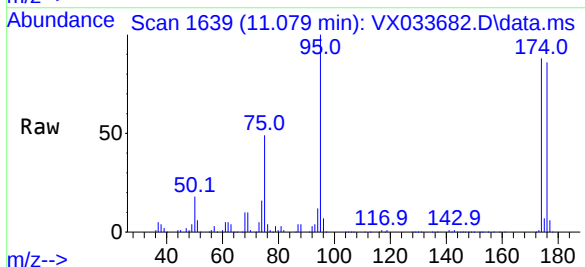
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

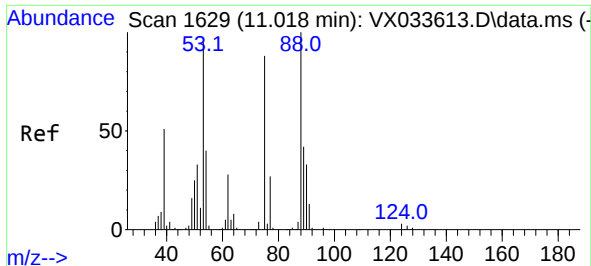
Tgt Ion:152 Resp: 82267
 Ion Ratio Lower Upper
 152 100
 115 55.7 38.5 115.5
 150 154.8 0.0 340.4



#76
 1,2,3-Trichloropropane
 Concen: 34.670 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX033682.D
 Acq: 10 Jan 2023 14:05

Tgt Ion: 75 Resp: 52253
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.3 63.9#

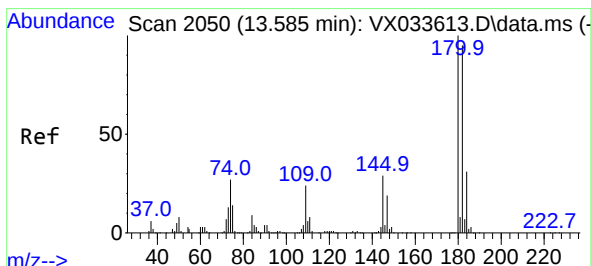
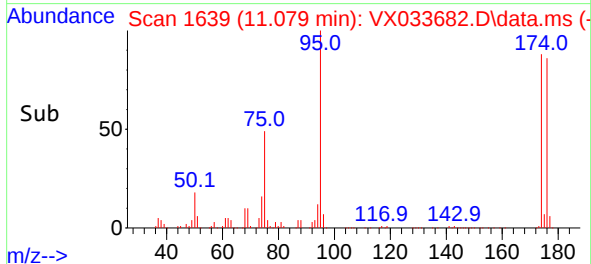
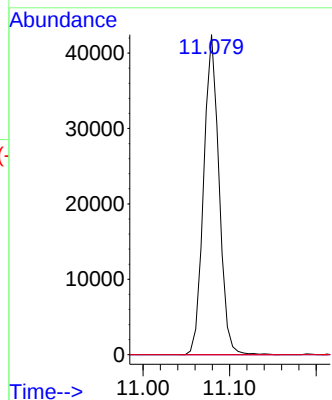
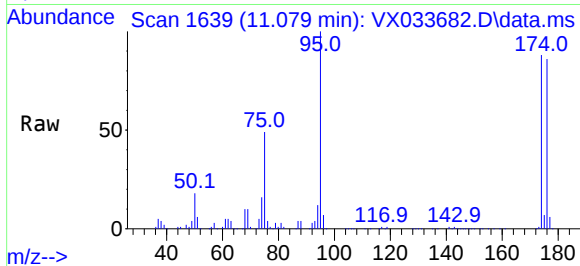




#81
trans-1,4-Dichloro-2-butene
Concen: 105.228 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

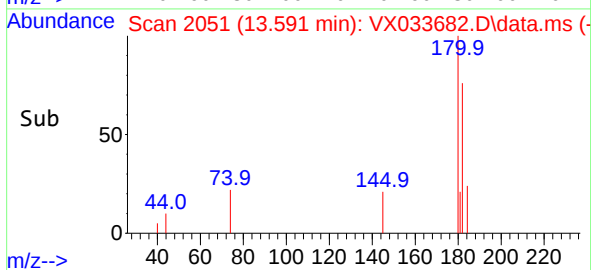
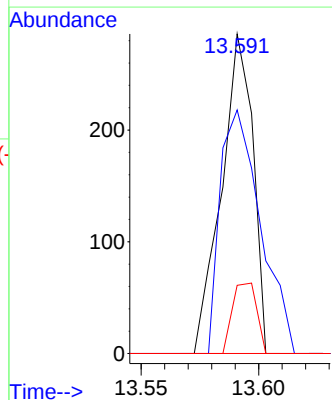
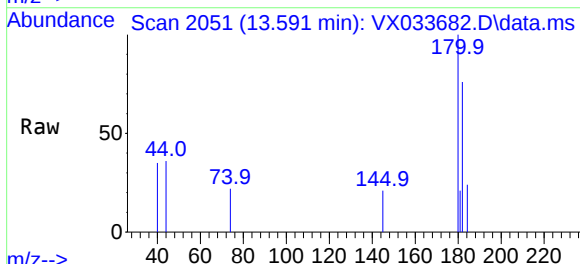
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

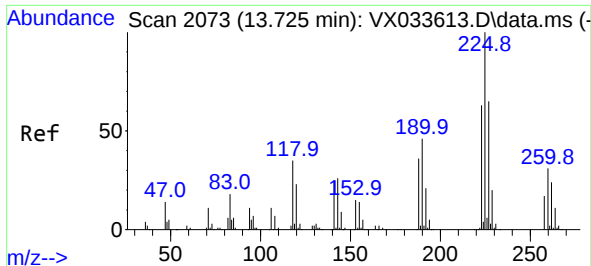
Tgt Ion: 75 Resp: 52253
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#



#93
1,2,4-Trichlorobenzene
Concen: 1.734 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

Tgt Ion:180 Resp: 266
Ion Ratio Lower Upper
180 100
182 97.7 47.4 142.2
145 16.9 14.1 42.2

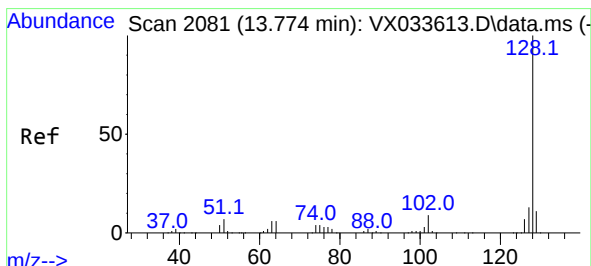
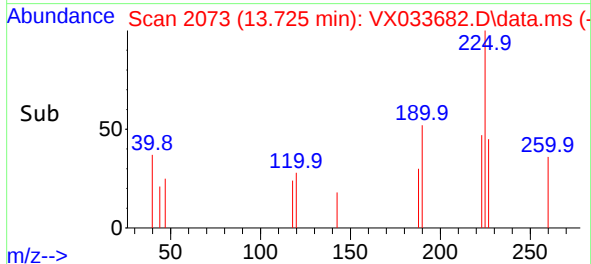
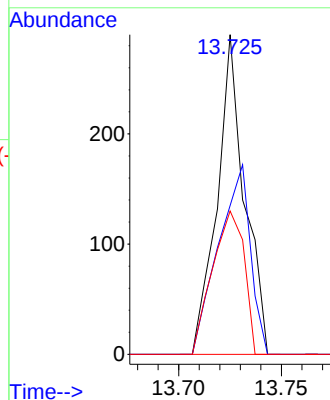
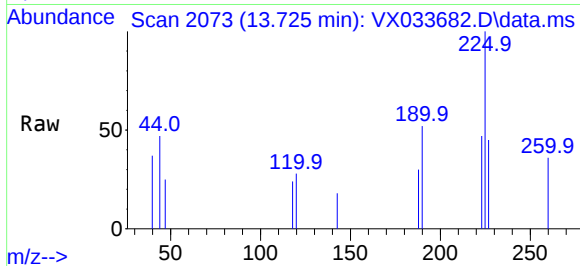




#94
Hexachlorobutadiene
Concen: 0.332 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

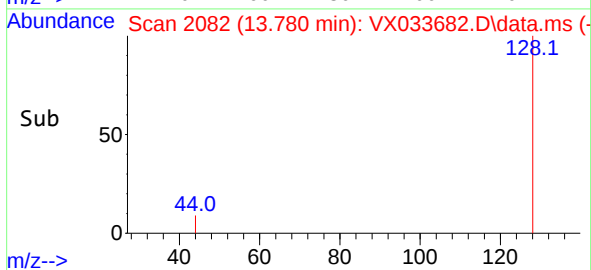
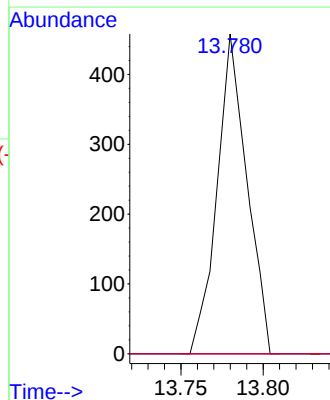
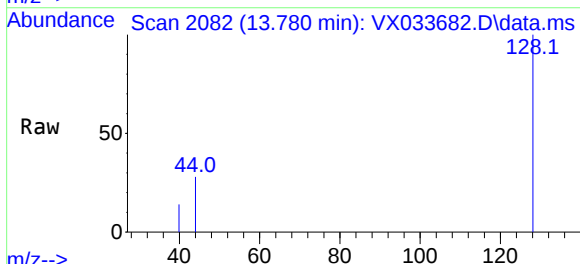
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

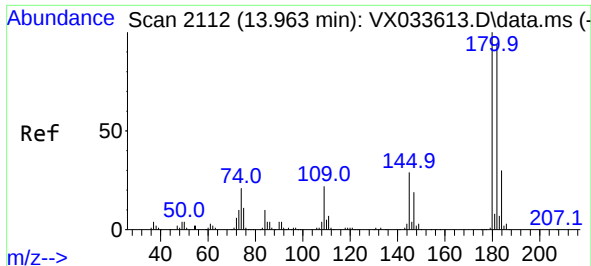
Tgt Ion:	225	Resp:	268
Ion	Ratio	Lower	Upper
225	100		
223	69.4	31.4	94.3
227	51.9	31.9	95.5



#95
Naphthalene
Concen: 3.211 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033682.D
Acq: 10 Jan 2023 14:05

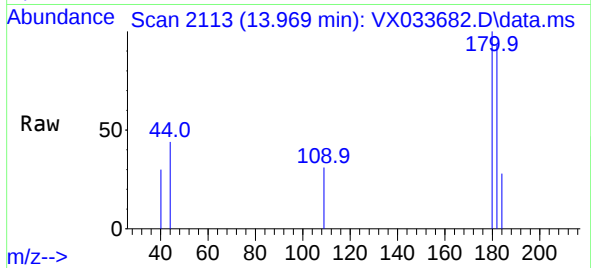
Tgt Ion:	128	Resp:	579
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	9.0	13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.870 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX033682.D
 Acq: 10 Jan 2023 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	250
Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.2	141.6
145	24.4	15.0	45.0

