

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034008.D
 Acq On : 03 Feb 2023 13:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 03 22:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

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

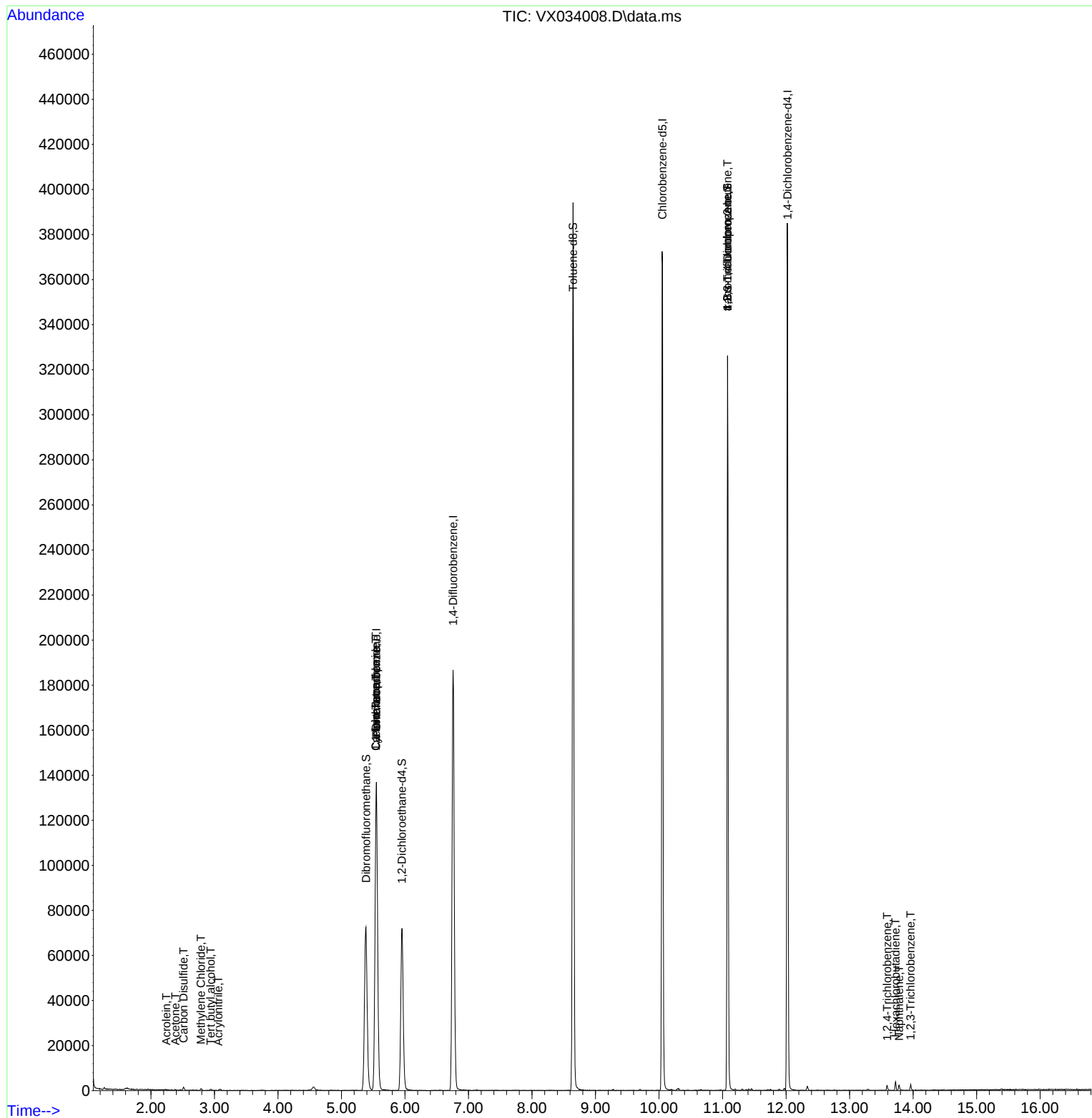
Internal Standards						
1) Pentafluorobenzene	5.550	168	148511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68925	44.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.700%		
35) Dibromofluoromethane	5.385	113	64198	49.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	235211	49.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.820%		
62) 4-Bromofluorobenzene	11.079	95	82438	47.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	222	0.860	ug/l #	86
13) Acrolein	2.239	56	75	0.283	ug/l	84
15) Acrylonitrile	3.062	53	157	0.223	ug/l #	43
16) Acetone	2.386	43	308	0.438	ug/l #	46
17) Carbon Disulfide	2.514	76	1543	0.466	ug/l #	84
20) Methylene Chloride	2.788	84	388	0.258	ug/l	86
31) Cyclohexane	5.544	56	2048	0.908	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8507	4.512	ug/l #	48
38) Carbon Tetrachloride	5.544	117	12169	6.229	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37894	22.547	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37894	69.969	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	793	0.391	ug/l	98
94) Hexachlorobutadiene	13.725	225	758	0.764	ug/l	90
95) Naphthalene	13.780	128	2275	0.391	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	879	0.432	ug/l	94

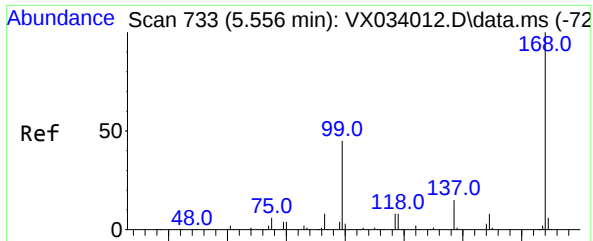
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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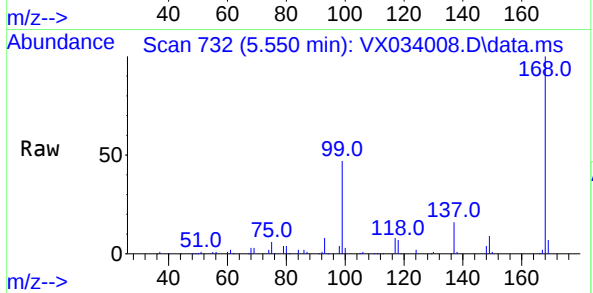
Quant Time: Feb 03 22:19:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
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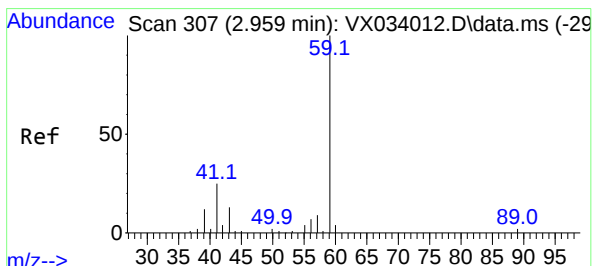
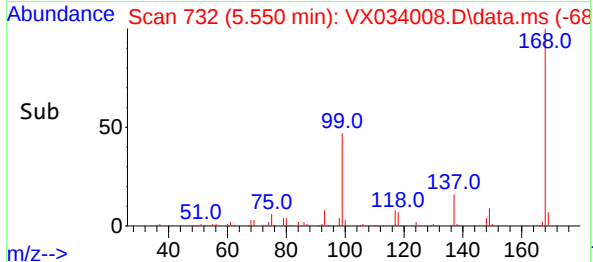
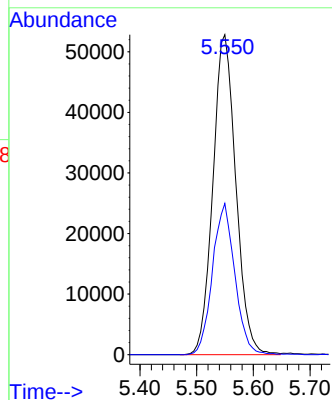


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
IBLK

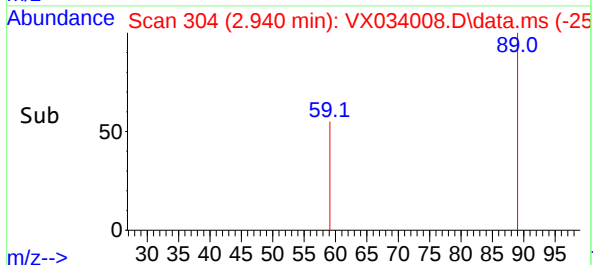
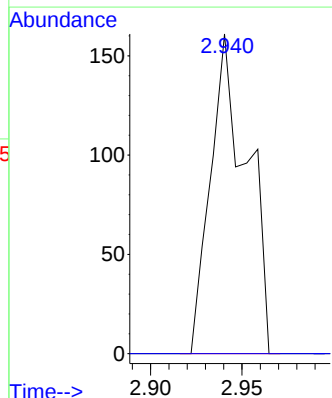
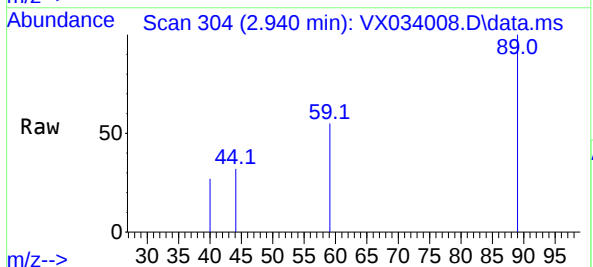


Tgt Ion:168 Resp: 148511
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4

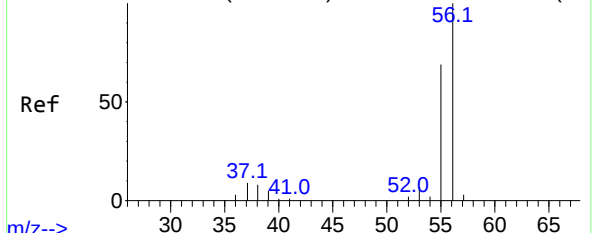


#11
Tert butyl alcohol
Concen: 0.860 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



Abundance Scan 188 (2.233 min): VX034012.D\data.ms (-18



#13

Acrolein

Concen: 0.283 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034008.D

Acq: 03 Feb 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

IBLK

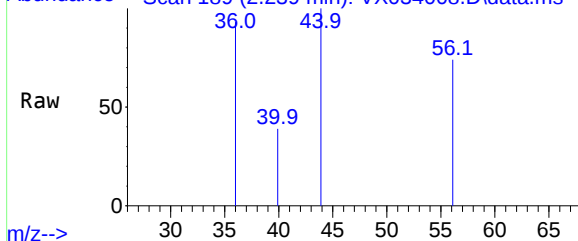
Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

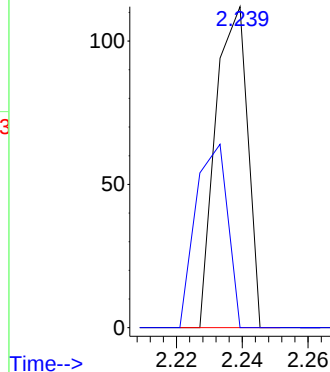
56 100

55 57.3 56.3 84.5

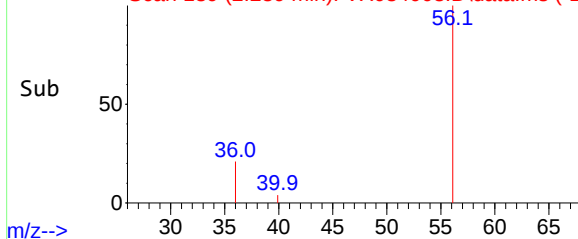
Abundance Scan 189 (2.239 min): VX034008.D\data.ms



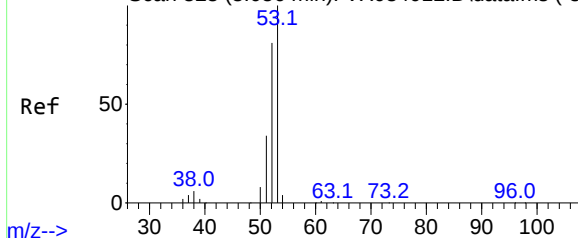
Abundance



Abundance Scan 189 (2.239 min): VX034008.D\data.ms (-13



Abundance Scan 323 (3.056 min): VX034012.D\data.ms (-31



#15

Acrylonitrile

Concen: 0.223 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX034008.D

Acq: 03 Feb 2023 13:59

Tgt Ion: 53 Resp: 157

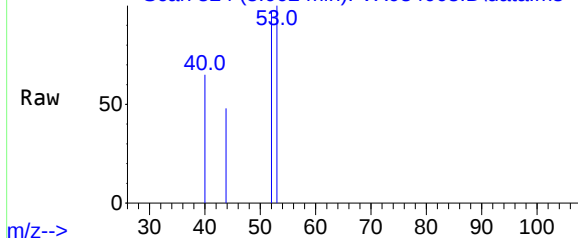
Ion Ratio Lower Upper

53 100

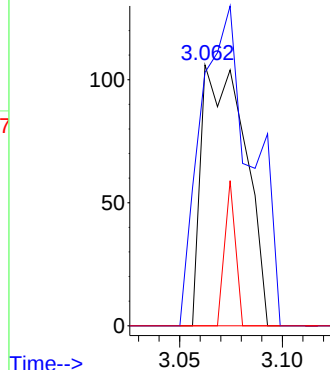
52 141.4 65.7 98.5#

51 14.0 29.0 43.4#

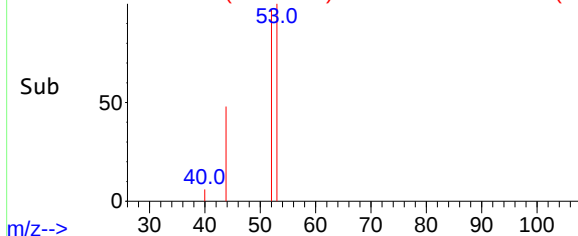
Abundance Scan 324 (3.062 min): VX034008.D\data.ms

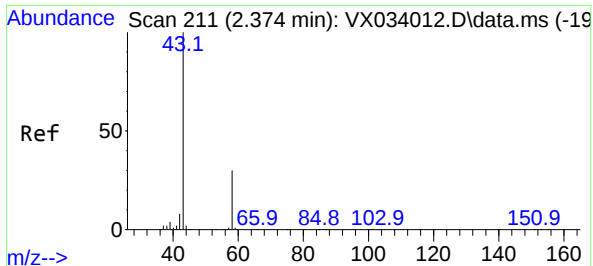


Abundance



Abundance Scan 324 (3.062 min): VX034008.D\data.ms (-27

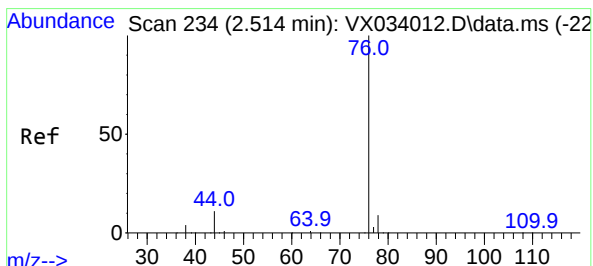
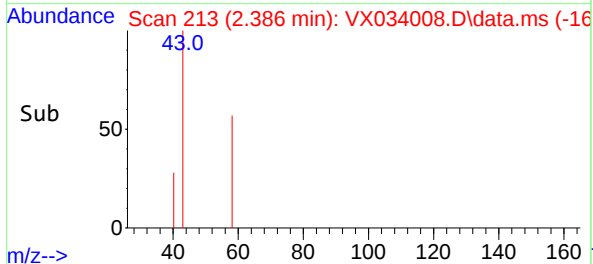
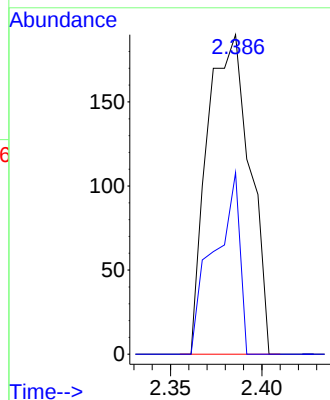
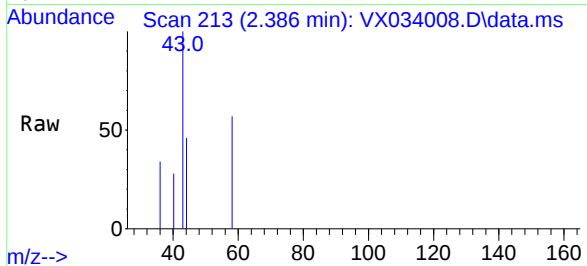




#16
Acetone
Concen: 0.438 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

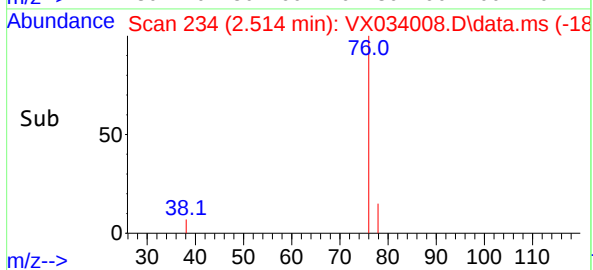
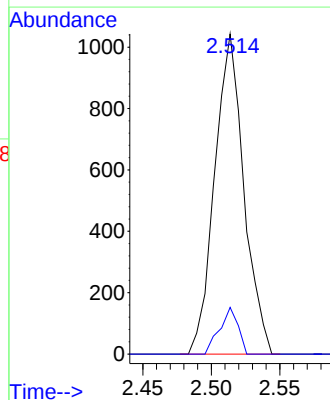
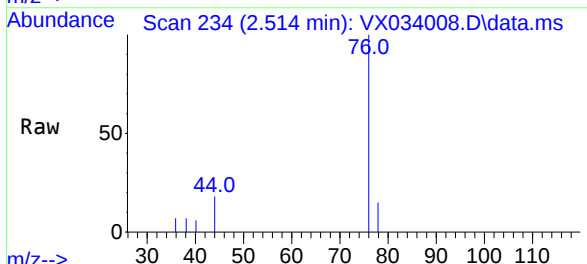
Instrument :
MSVOA_X
ClientSampleId :
IBLK

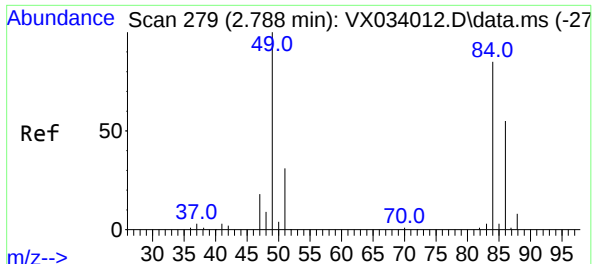
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 56.8 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.466 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 76 Resp: 1543
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.6#



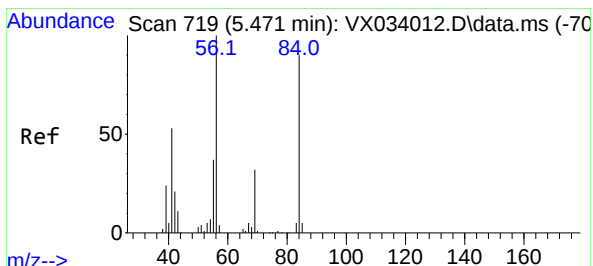
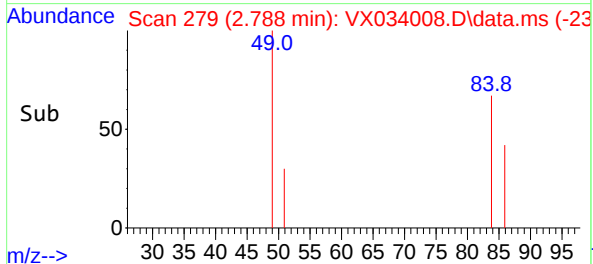
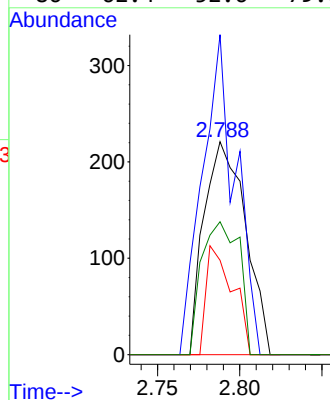
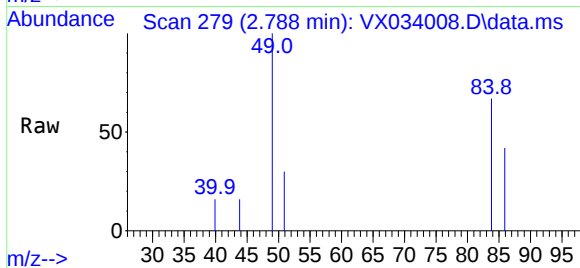


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 388

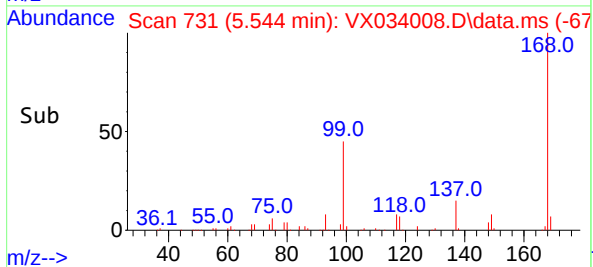
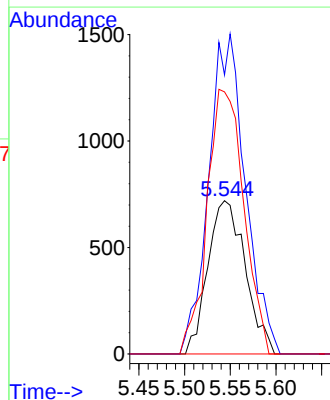
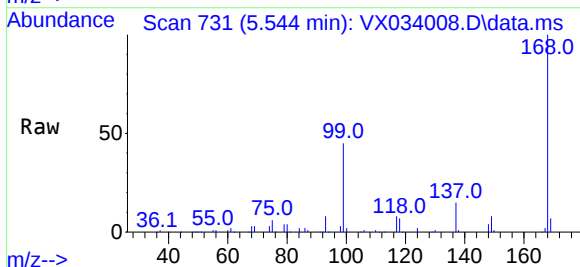
Ion	Ratio	Lower	Upper
84	100		
49	150.2	101.1	151.7
51	44.3	31.0	46.6
86	62.4	52.6	79.0

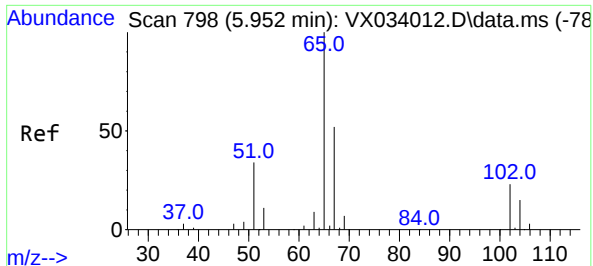


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 56 Resp: 2048

Ion	Ratio	Lower	Upper
56	100		
69	182.1	24.6	37.0#
84	171.0	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.847 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034008.D

Acq: 03 Feb 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

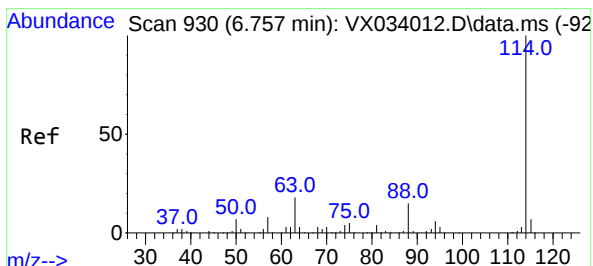
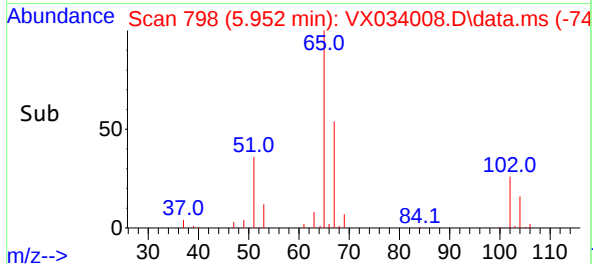
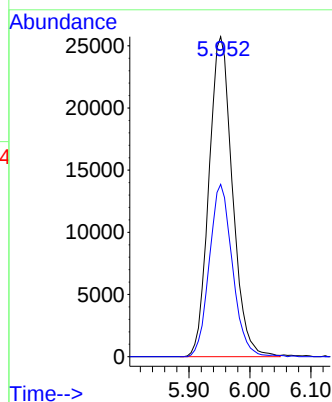
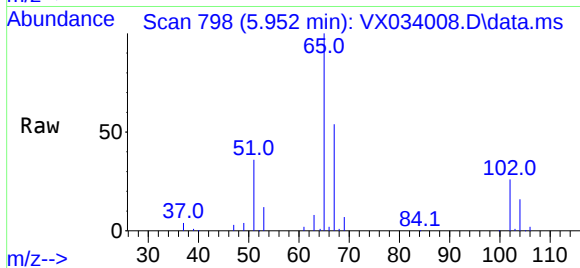
IBLK

Tgt Ion: 65 Resp: 68925

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034008.D

Acq: 03 Feb 2023 13:59

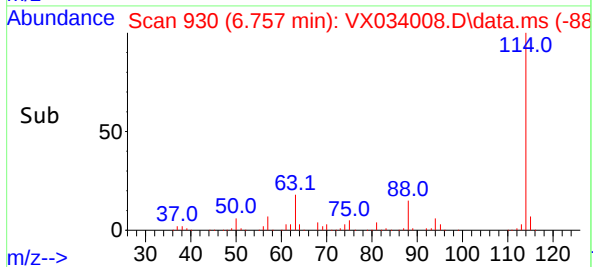
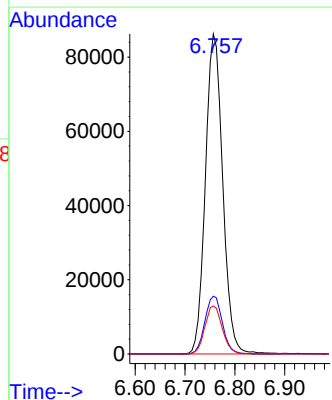
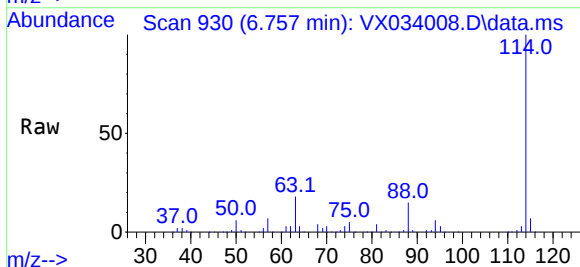
Tgt Ion: 114 Resp: 208235

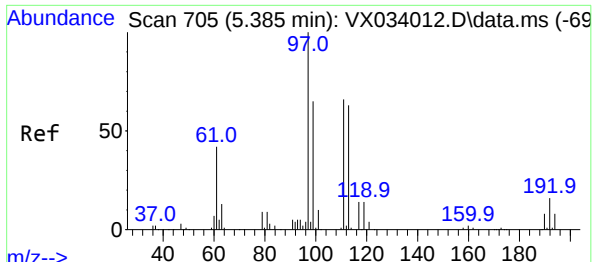
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

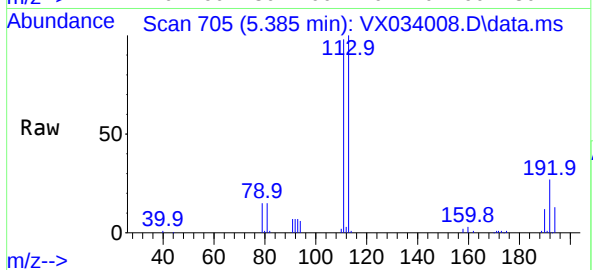
88 15.0 0.0 30.6



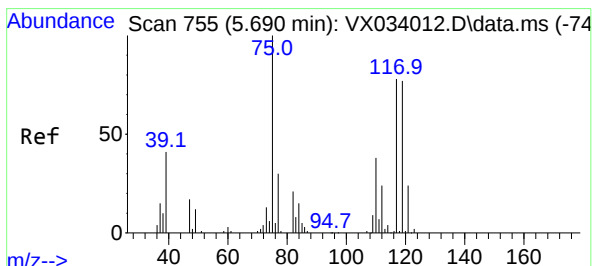
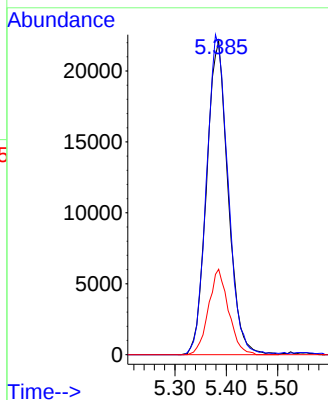
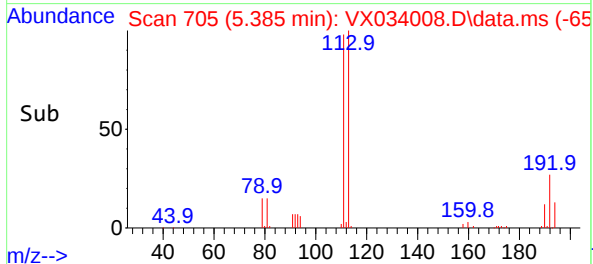


#35
Dibromofluoromethane
Concen: 49.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

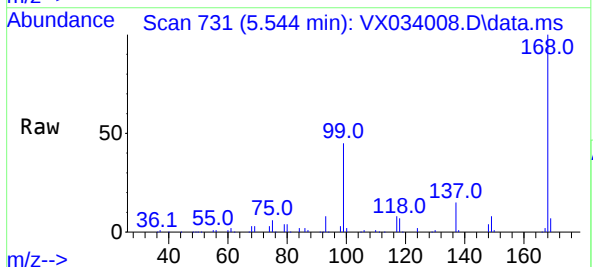
Instrument :
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IBLK



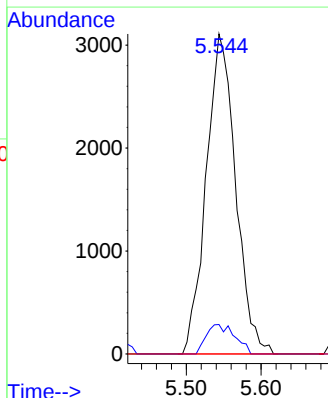
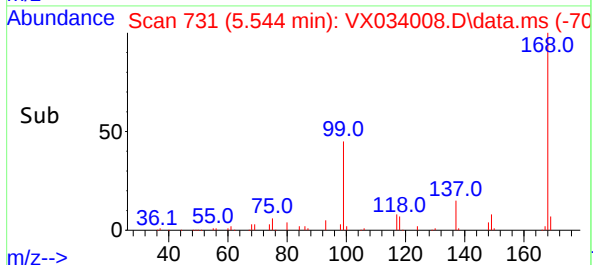
Tgt Ion:113 Resp: 64198
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 25.5 19.0 28.4

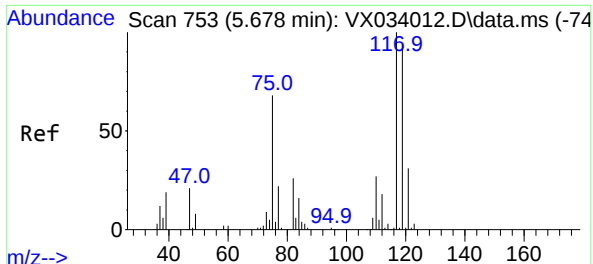


#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59



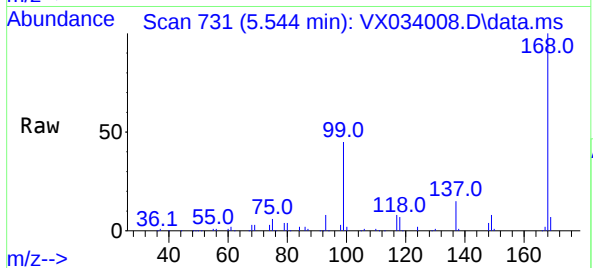
Tgt Ion: 75 Resp: 8507
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



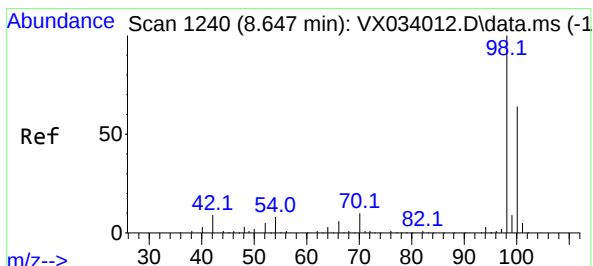
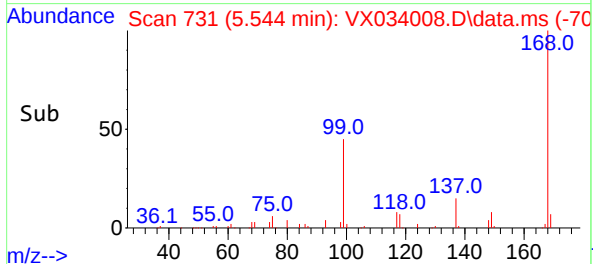
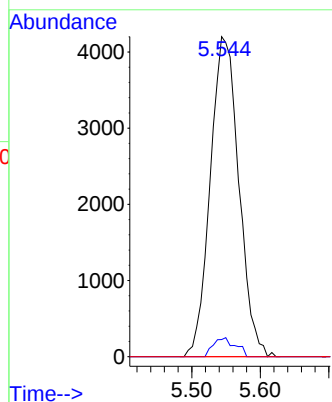


#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
IBLK

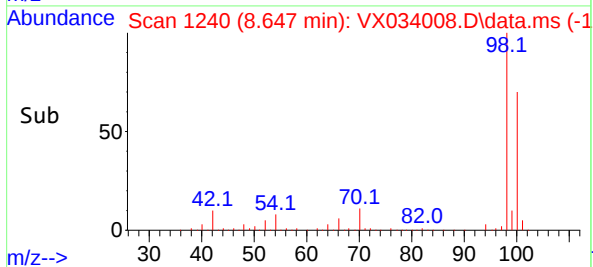
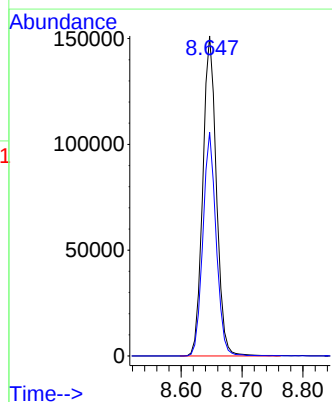
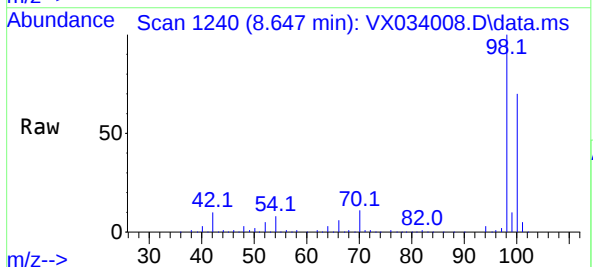


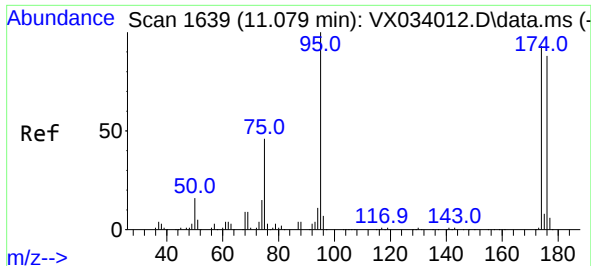
Tgt Ion:117 Resp: 12169
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.914 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 98 Resp: 235211
Ion Ratio Lower Upper
98 100
100 68.1 53.6 80.4

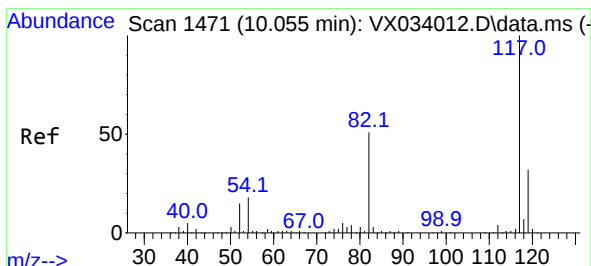
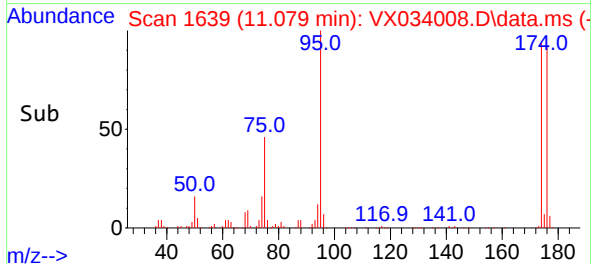
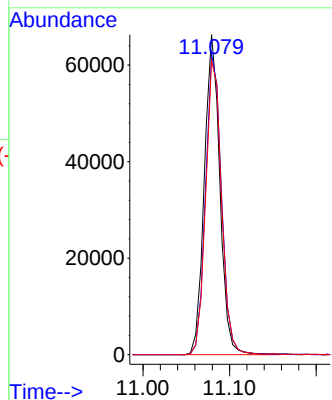
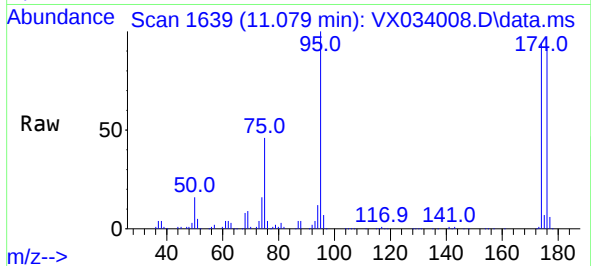




#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

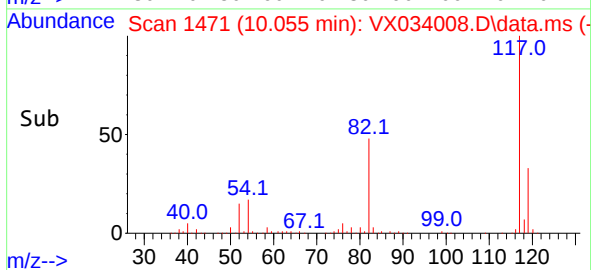
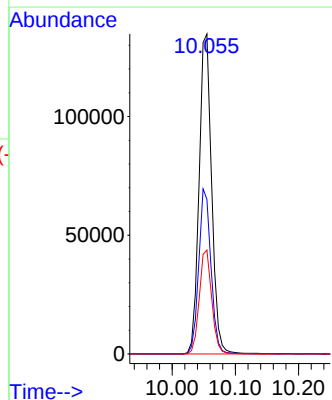
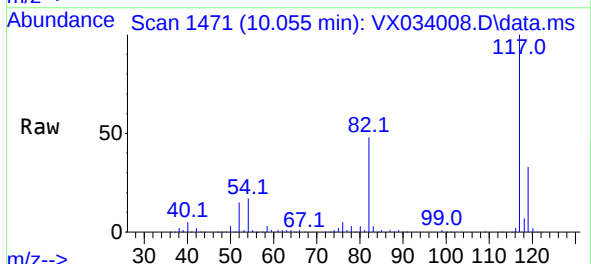
Instrument :
MSVOA_X
ClientSampleId :
IBLK

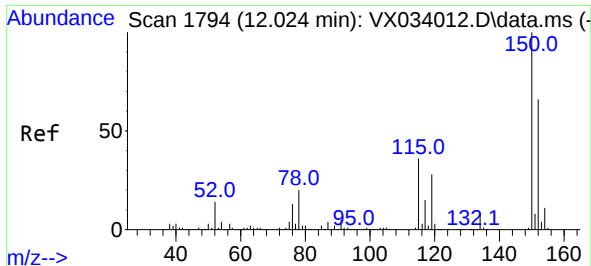
Tgt Ion: 95 Resp: 82438
Ion Ratio Lower Upper
95 100
174 96.6 0.0 184.4
176 93.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 117 Resp: 186396
Ion Ratio Lower Upper
117 100
82 48.3 40.6 60.8
119 32.5 25.6 38.4

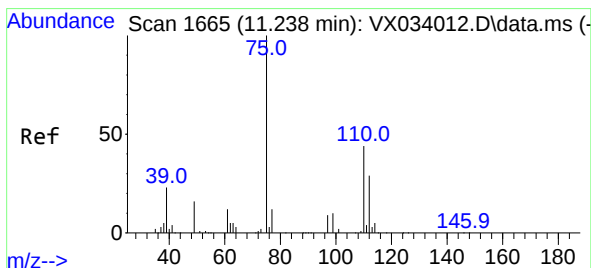
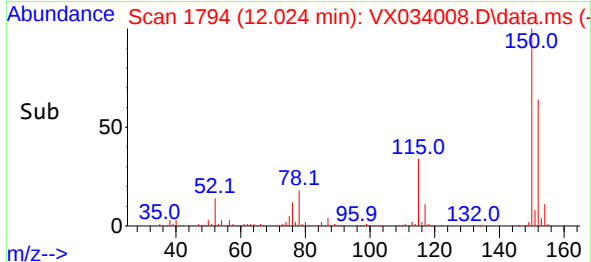
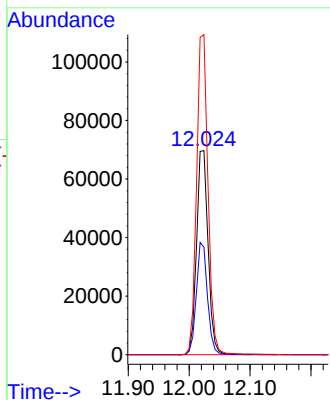
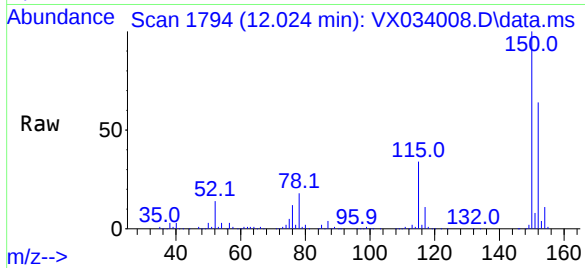




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

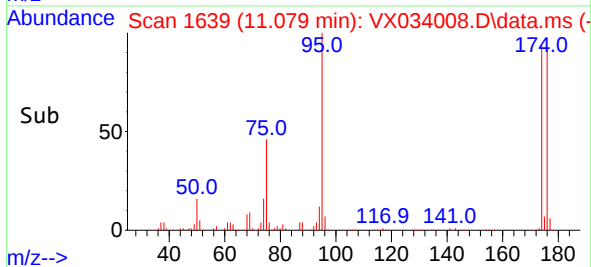
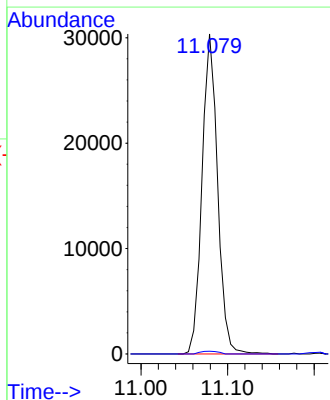
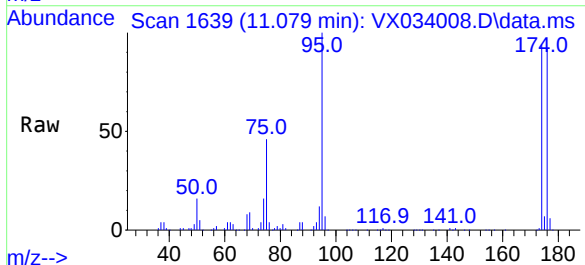
Instrument :
MSVOA_X
ClientSampleId :
IBLK

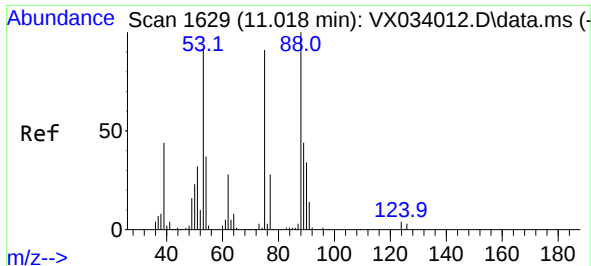
Tgt Ion:152 Resp: 91452
Ion Ratio Lower Upper
152 100
115 53.1 38.7 116.1
150 155.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 22.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 75 Resp: 37894
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.4#

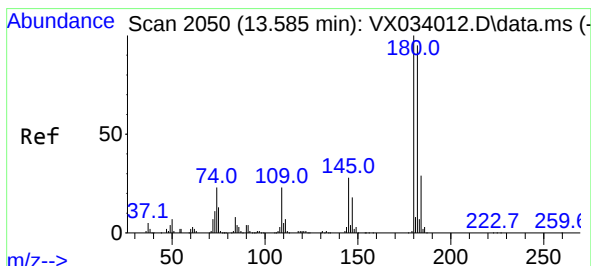
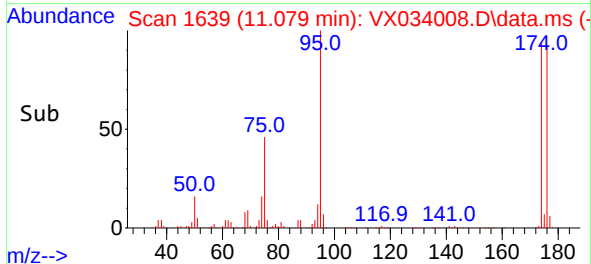
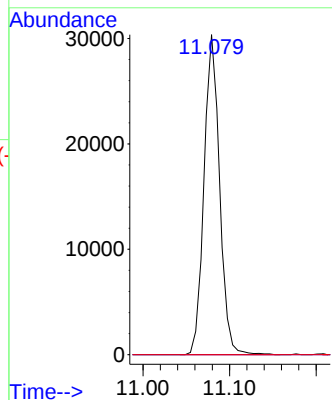
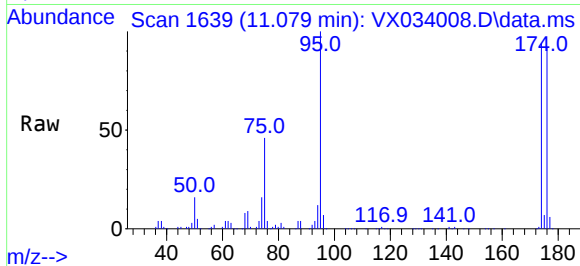




#81
trans-1,4-Dichloro-2-butene
Concen: 69.969 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

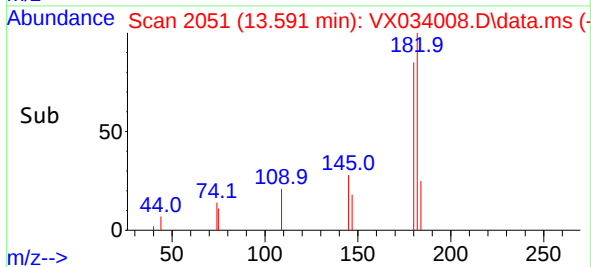
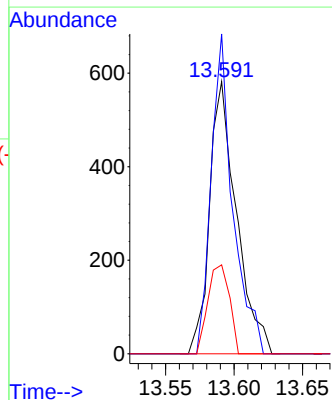
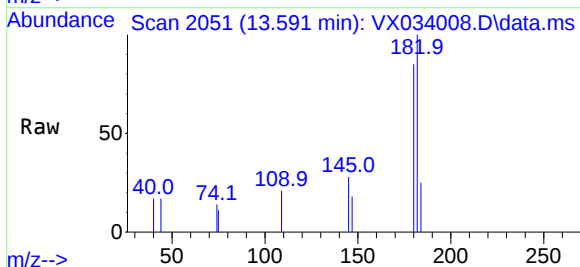
Instrument :
MSVOA_X
ClientSampleId :
IBLK

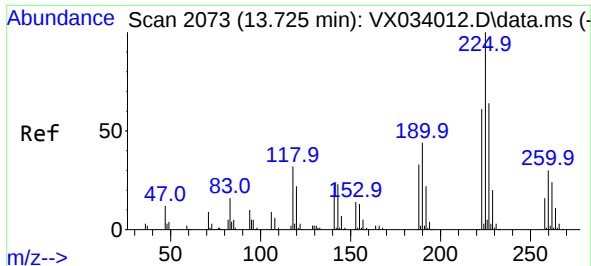
Tgt Ion: 75 Resp: 37894
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.391 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

Tgt Ion: 180 Resp: 793
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 26.1 14.1 42.2

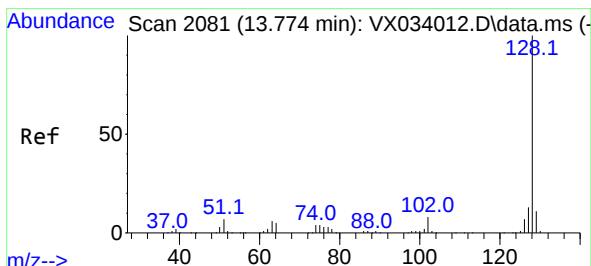
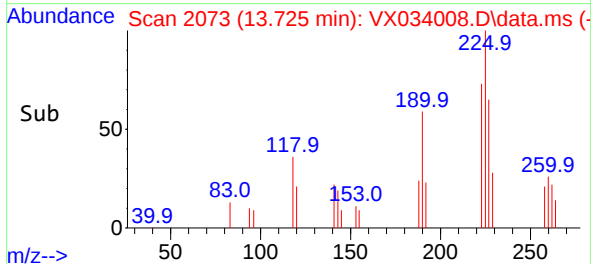
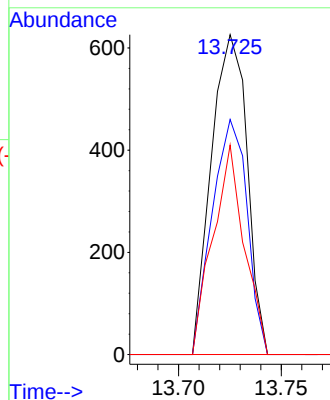
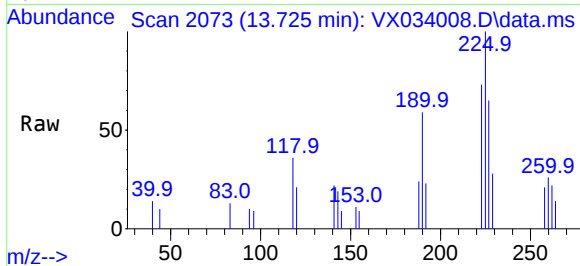




#94
Hexachlorobutadiene
Concen: 0.764 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

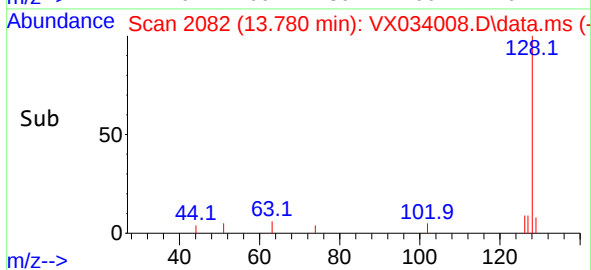
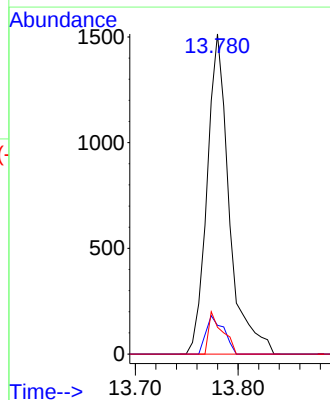
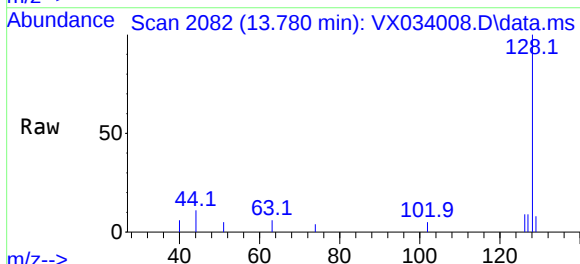
Instrument :
MSVOA_X
ClientSampleId :
IBLK

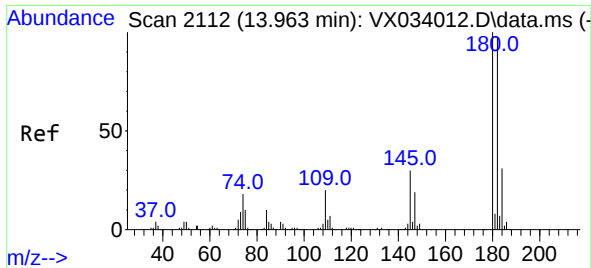
Tgt Ion:	225	Resp:	758
Ion	Ratio	Lower	Upper
225	100		
223	71.9	31.3	93.9
227	57.5	32.3	96.9



#95
Naphthalene
Concen: 0.391 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034008.D
Acq: 03 Feb 2023 13:59

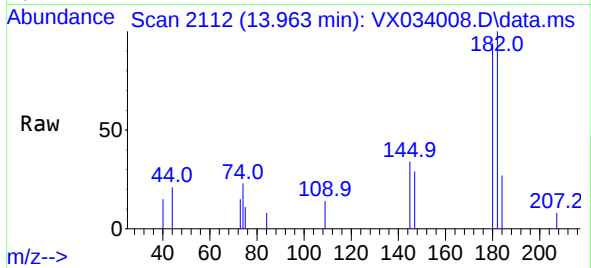
Tgt Ion:	128	Resp:	2275
Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.3	15.5#
129	8.2	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.432 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX034008.D
 Acq: 03 Feb 2023 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	879
Ion	Ratio	Lower	Upper
180	100		
182	101.6	47.6	142.9
145	27.4	15.1	45.3

