

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034260.D
 Acq On : 24 Feb 2023 12:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 24 22:21:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

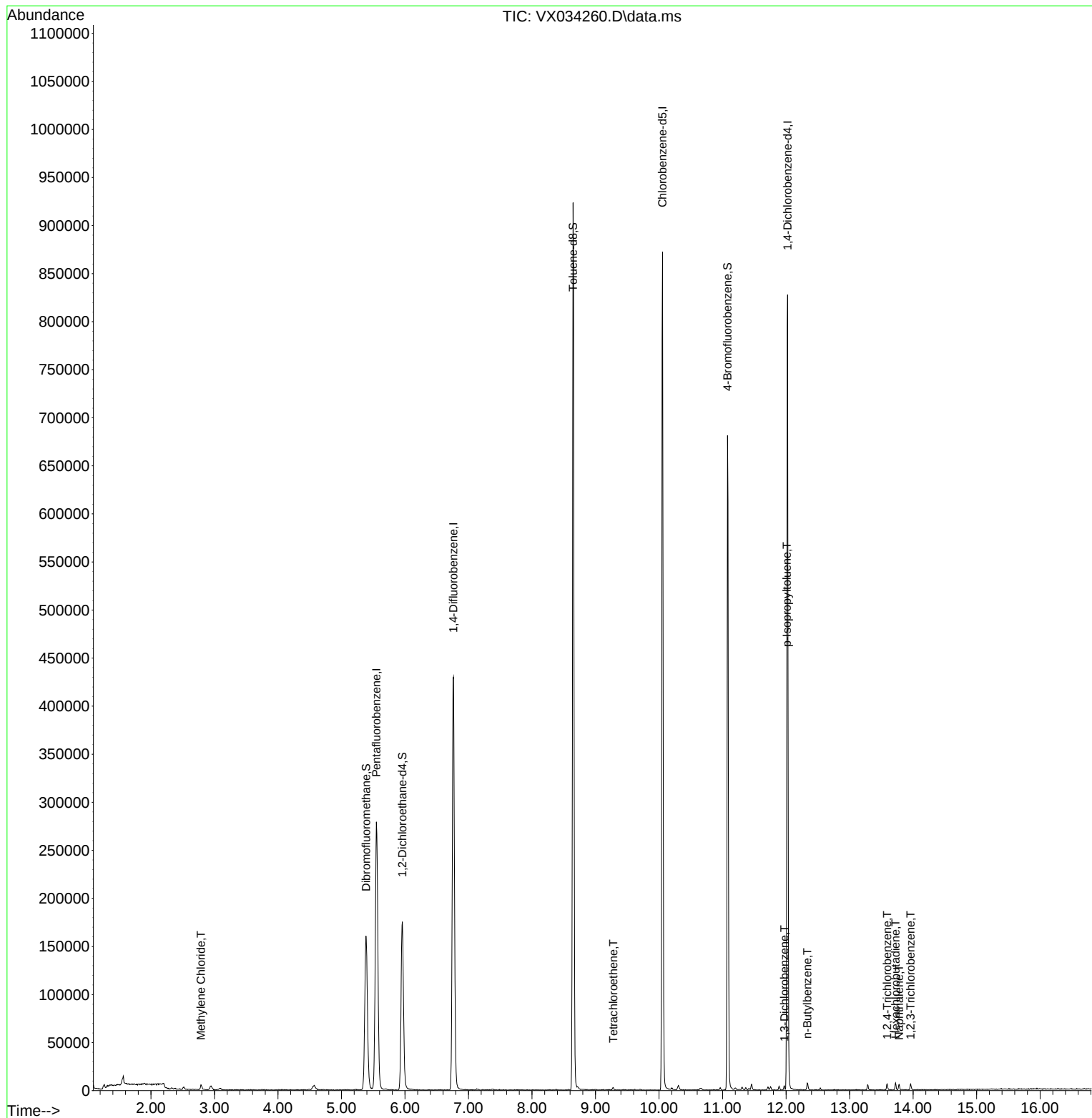
Internal Standards						
1) Pentafluorobenzene	5.549	168	280572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160910	42.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.160%		
35) Dibromofluoromethane	5.385	113	141611	47.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.646	98	542593	50.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	182200	44.641	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.280%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	2152	0.613	ug/l #	90
64) Tetrachloroethene	9.280	164	584	0.207	ug/l #	74
86) p-Isopropyltoluene	12.012	119	2318	0.201	ug/l #	76
87) 1,3-Dichlorobenzene	11.975	146	1513	0.252	ug/l	91
89) n-Butylbenzene	12.335	91	2465	0.240	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1783	0.472	ug/l	95
94) Hexachlorobutadiene	13.725	225	1039	0.664	ug/l	98
95) Naphthalene	13.780	128	4368	0.344	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1582	0.422	ug/l	88

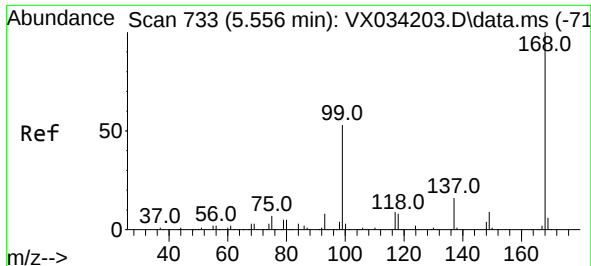
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
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IBLK

Quant Time: Feb 24 22:21:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
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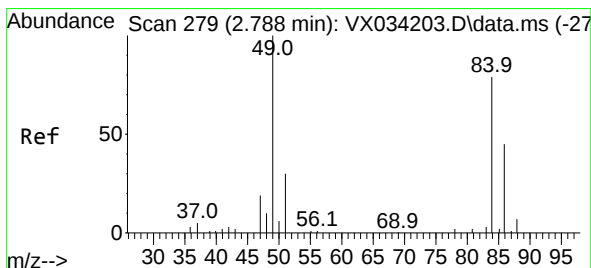
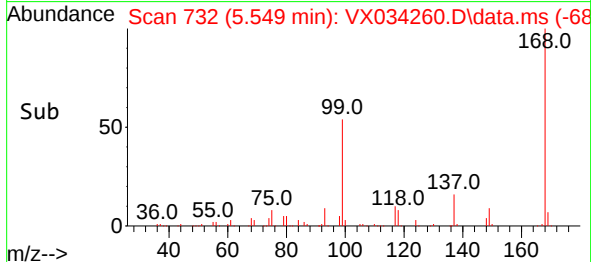
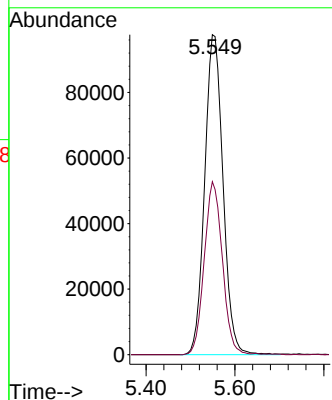
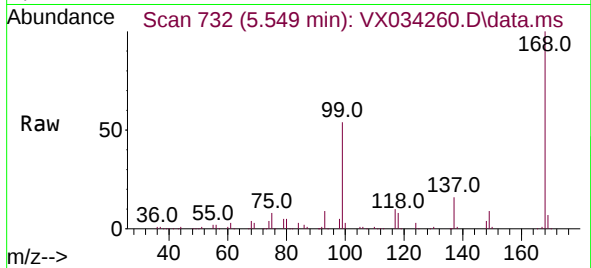




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

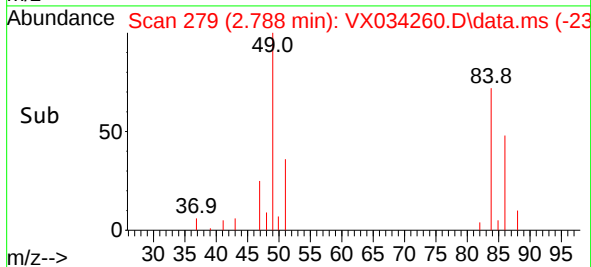
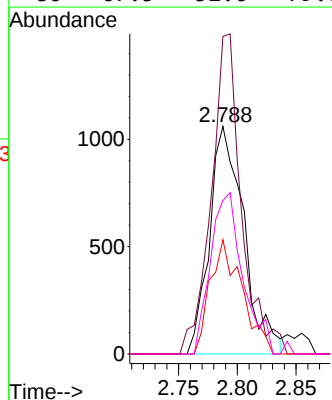
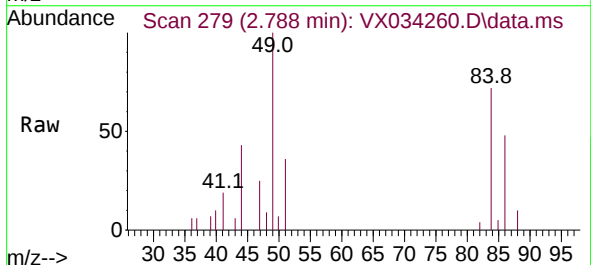
Instrument :
MSVOA_X
ClientSampleId :
IBLK

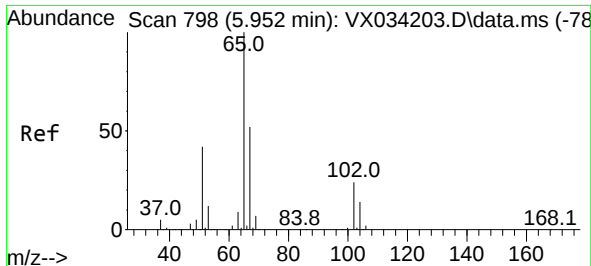
Tgt Ion:168 Resp: 280572
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4



#20
Methylene Chloride
Concen: 0.613 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

Tgt Ion: 84 Resp: 2152
Ion Ratio Lower Upper
84 100
49 139.6 101.1 151.7
51 50.2 31.0 46.6#
86 67.5 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 42.584 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034260.D

Acq: 24 Feb 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

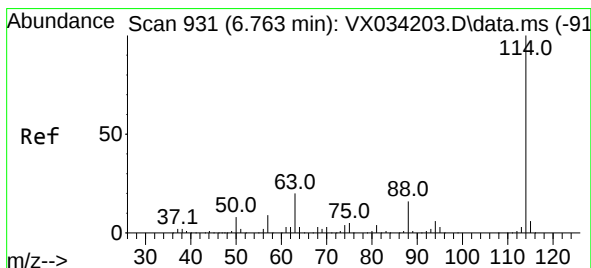
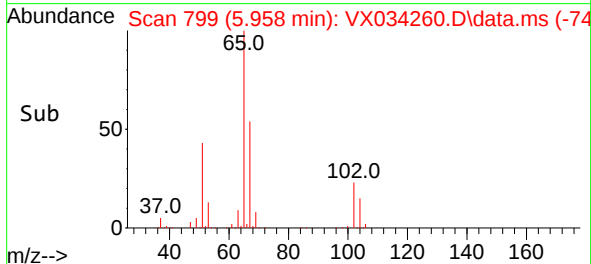
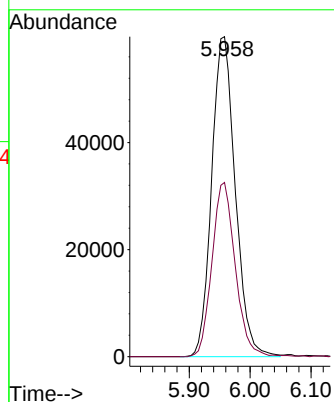
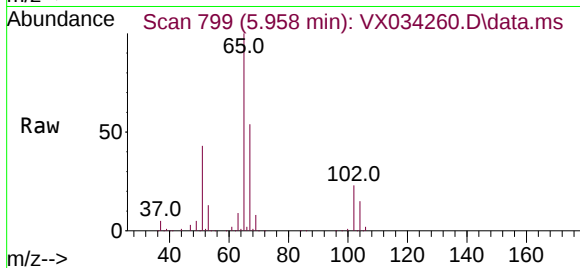
IBLK

Tgt Ion: 65 Resp: 160910

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034260.D

Acq: 24 Feb 2023 12:52

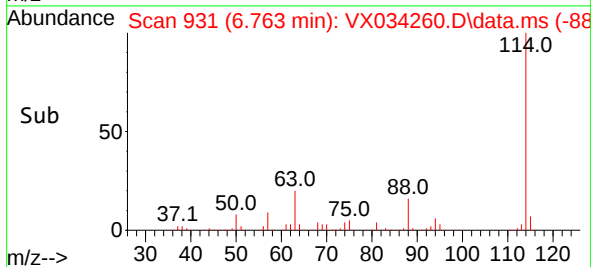
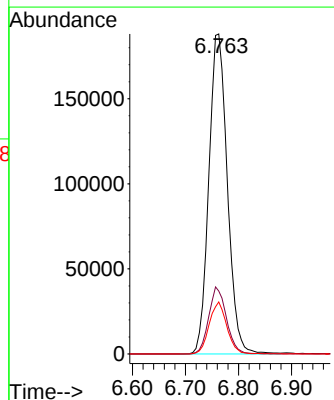
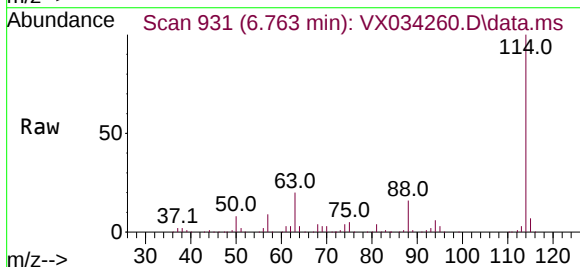
Tgt Ion: 114 Resp: 456454

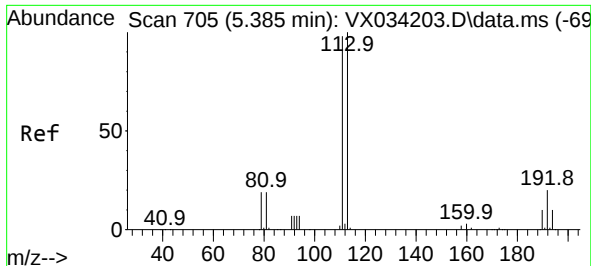
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 16.3 0.0 30.6

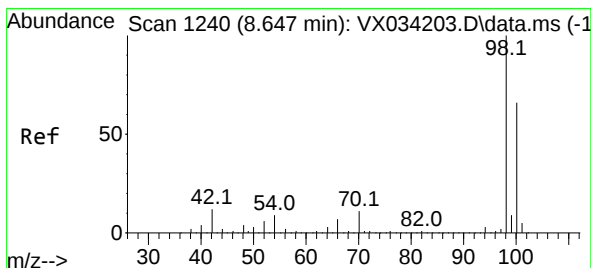
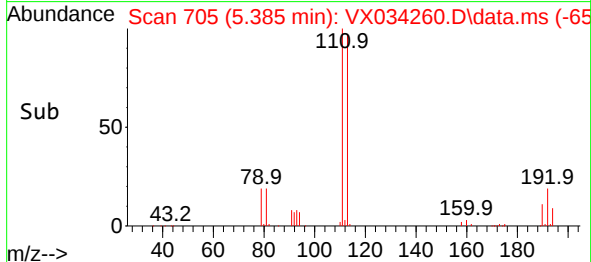
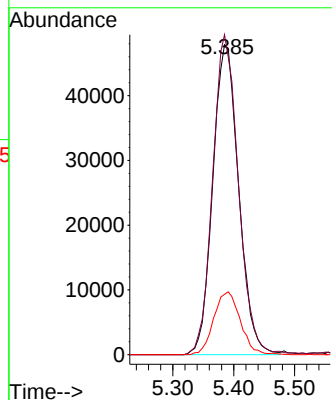
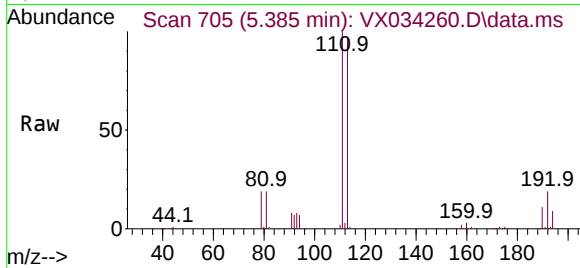




#35
Dibromofluoromethane
Concen: 47.649 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

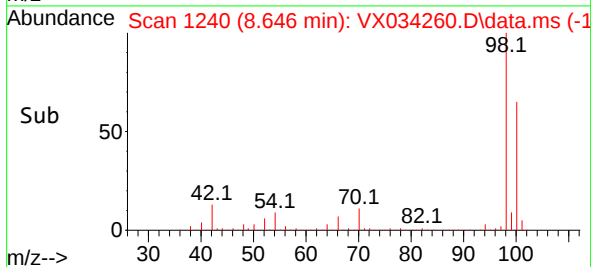
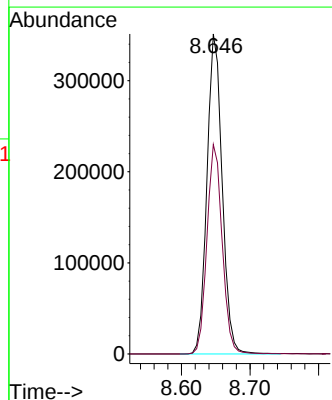
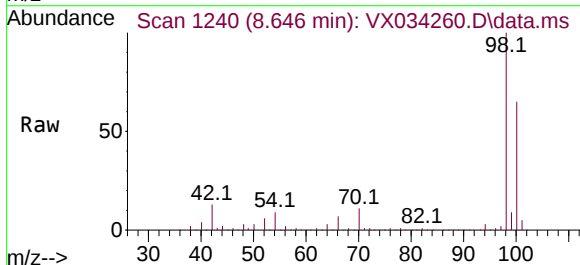
Instrument :
MSVOA_X
ClientSampleId :
IBLK

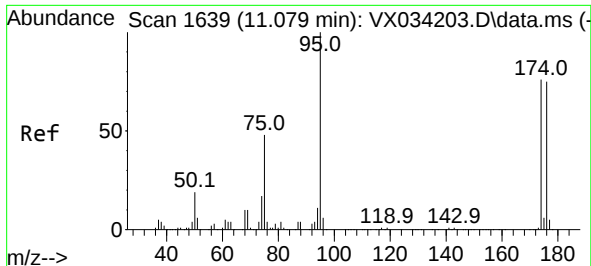
Tgt Ion:113 Resp: 141611
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 20.8 19.0 28.4



#50
Toluene-d8
Concen: 50.851 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

Tgt Ion: 98 Resp: 542593
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

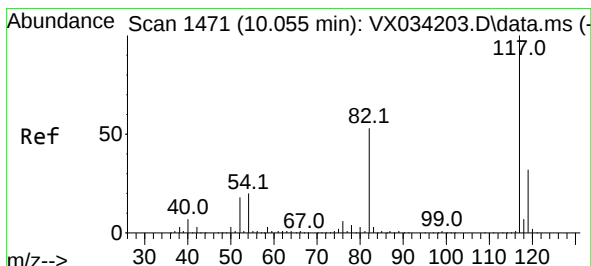
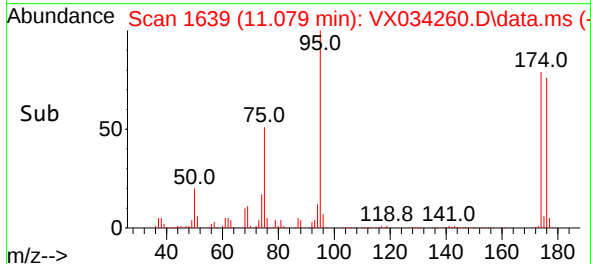
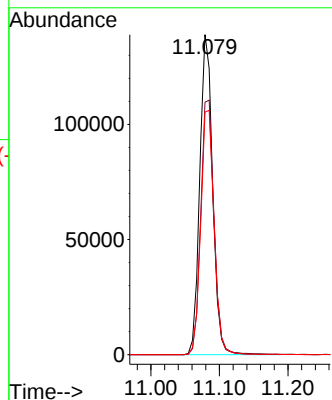
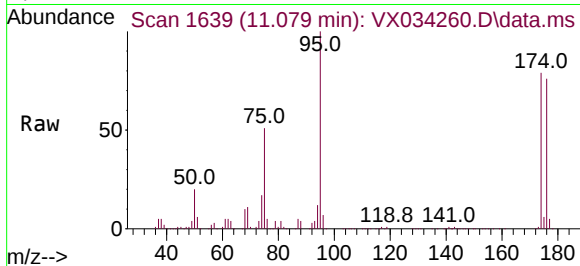




#62
4-Bromofluorobenzene
Concen: 44.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

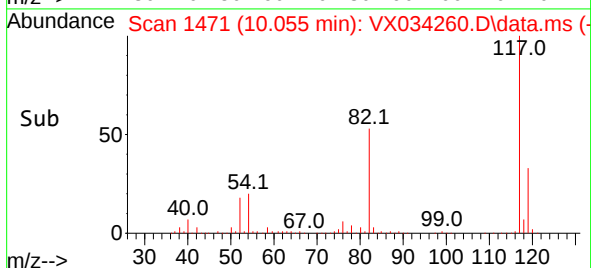
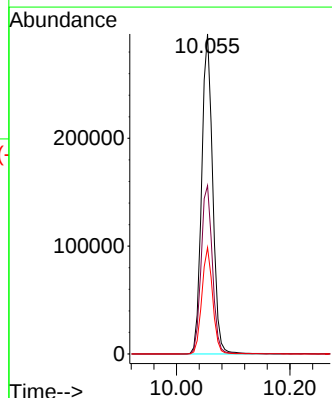
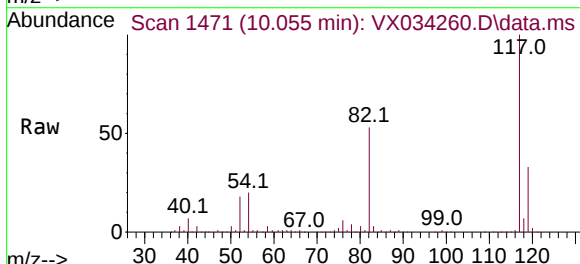
Instrument :
MSVOA_X
ClientSampleId :
IBLK

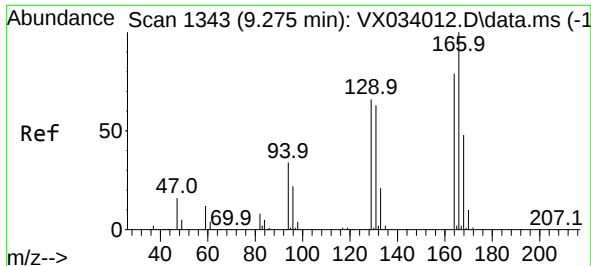
Tgt Ion: 95 Resp: 182200
Ion Ratio Lower Upper
95 100
174 82.3 0.0 184.4
176 79.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

Tgt Ion: 117 Resp: 400417
Ion Ratio Lower Upper
117 100
82 52.6 40.6 60.8
119 33.2 25.6 38.4

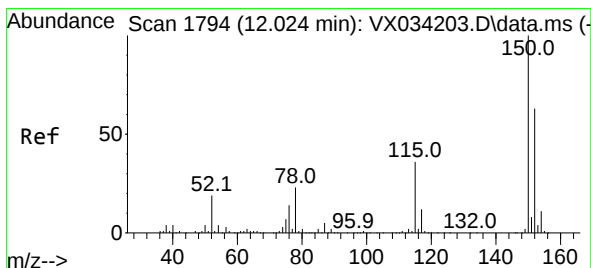
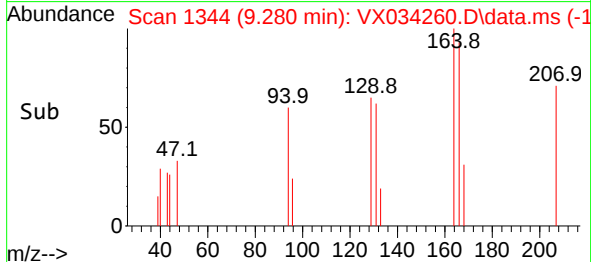
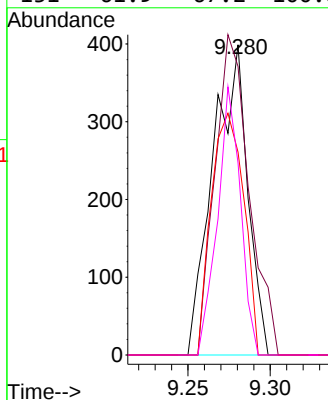
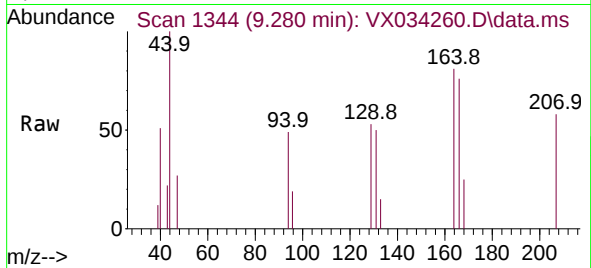




#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 9.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

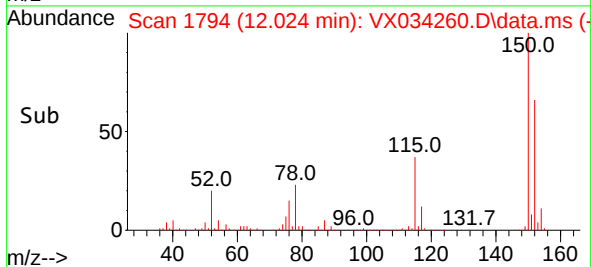
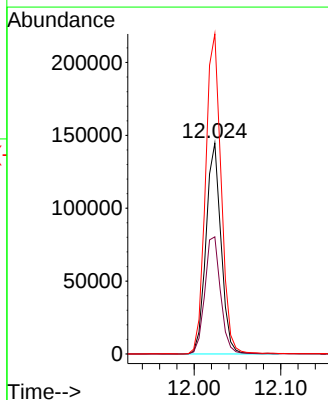
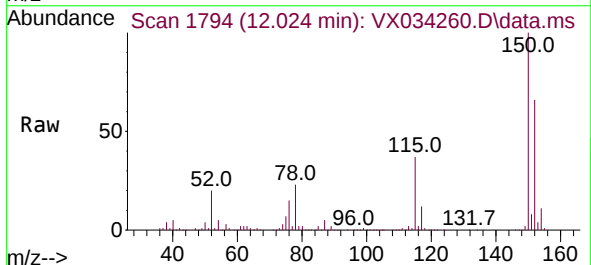
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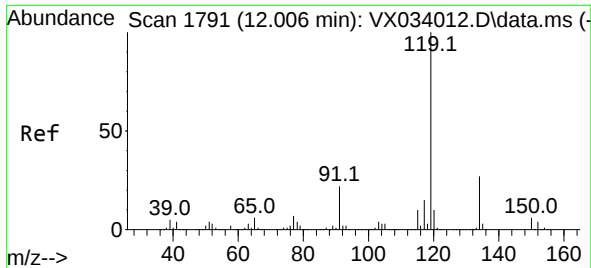
Tgt Ion:164 Resp: 584
Ion Ratio Lower Upper
164 100
166 93.0 100.2 150.2#
129 65.4 69.2 103.8#
131 61.9 67.2 100.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

Tgt Ion:152 Resp: 174683
Ion Ratio Lower Upper
152 100
115 58.3 38.7 116.1
150 157.9 0.0 348.2

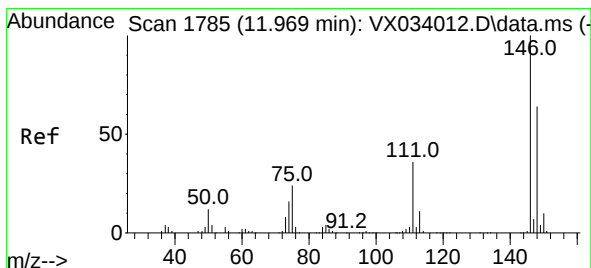
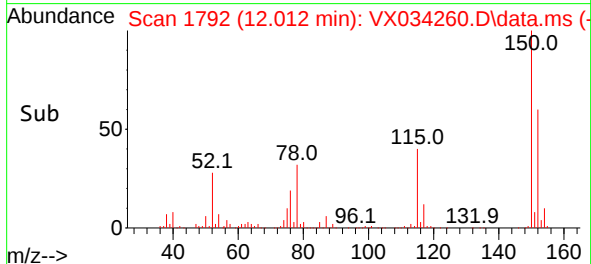
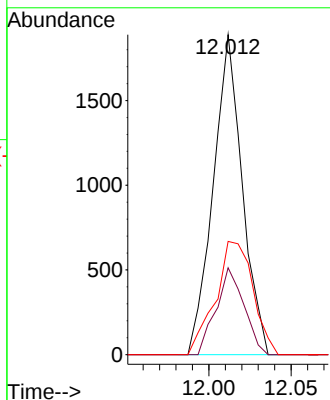
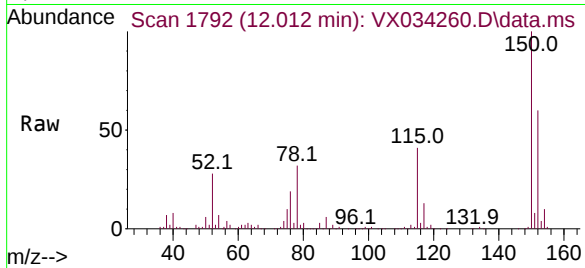




#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

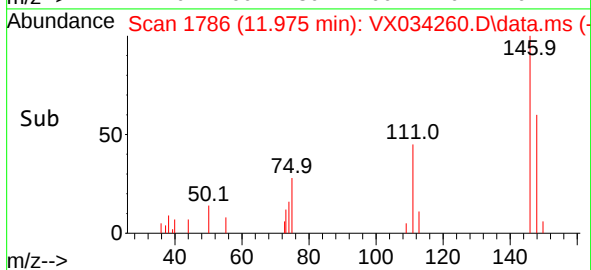
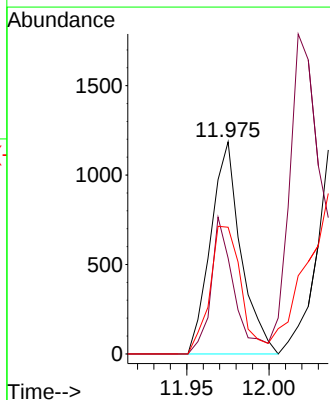
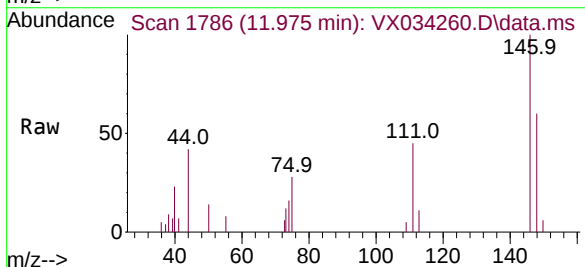
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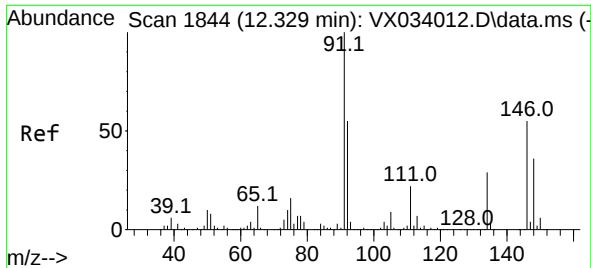
Tgt Ion:119 Resp: 2318
Ion Ratio Lower Upper
119 100
134 25.9 13.6 40.8
91 45.8 11.0 33.0#



#87
1,3-Dichlorobenzene
Concen: 0.252 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

Tgt Ion:146 Resp: 1513
Ion Ratio Lower Upper
146 100
111 49.6 18.6 55.6
148 62.7 31.9 95.5





#89

n-Butylbenzene

Concen: 0.240 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034260.D

Acq: 24 Feb 2023 12:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

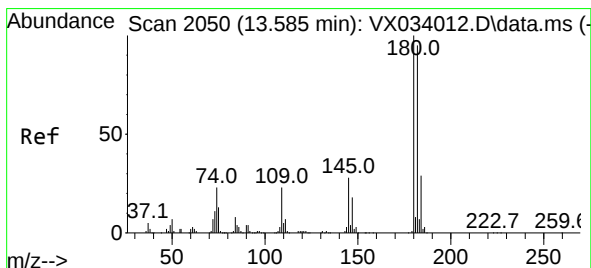
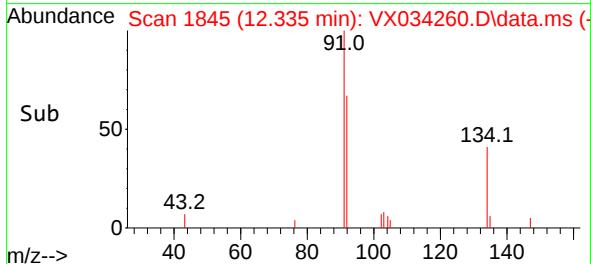
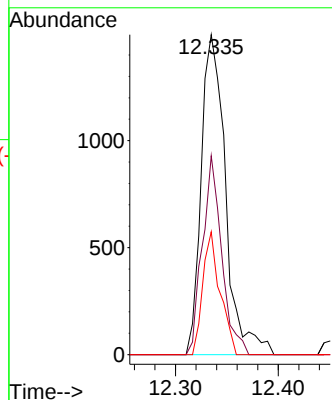
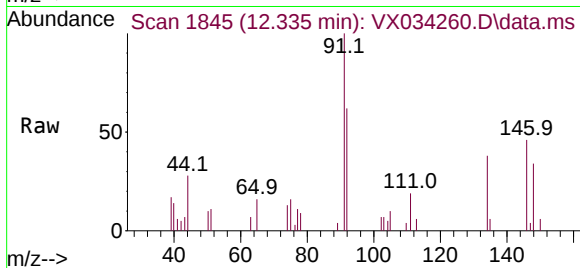
Tgt Ion: 91 Resp: 2465

Ion Ratio Lower Upper

91 100

92 49.6 27.5 82.5

134 27.3 14.3 42.9



#93

1,2,4-Trichlorobenzene

Concen: 0.472 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX034260.D

Acq: 24 Feb 2023 12:52

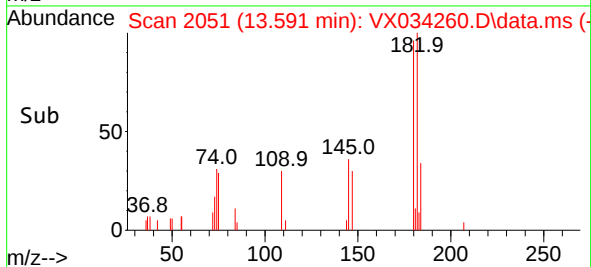
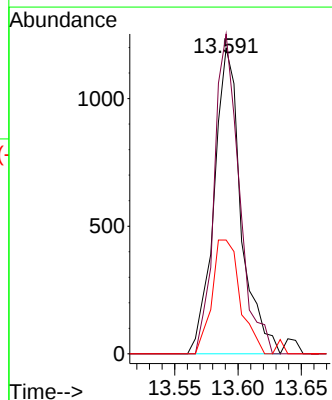
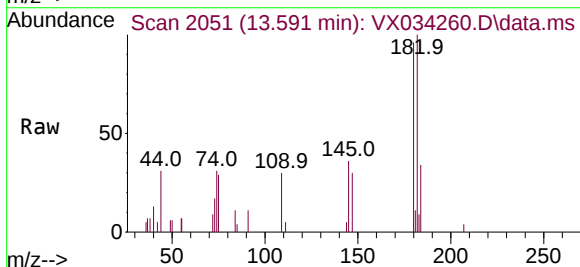
Tgt Ion:180 Resp: 1783

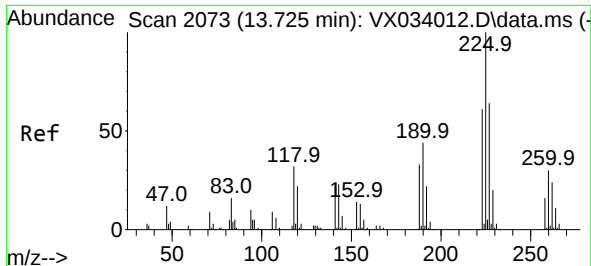
Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.6

145 38.6 14.1 42.2

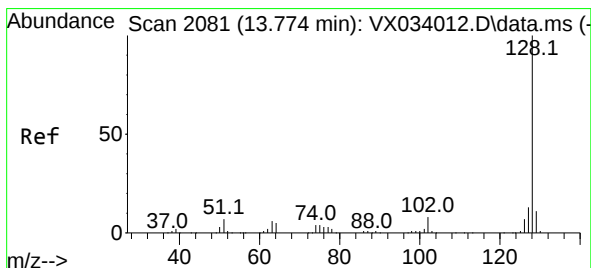
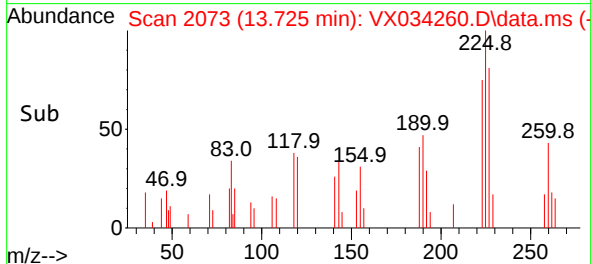
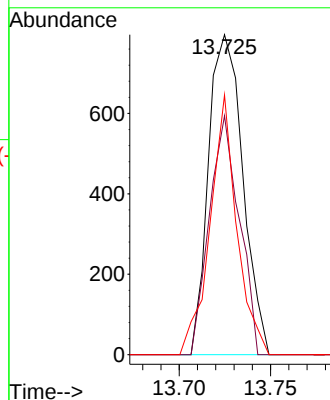
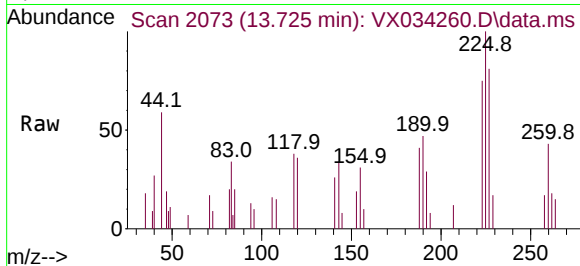




#94
Hexachlorobutadiene
Concen: 0.664 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

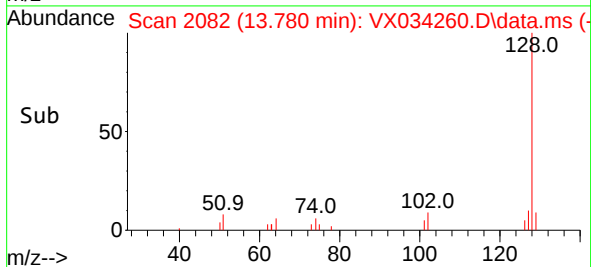
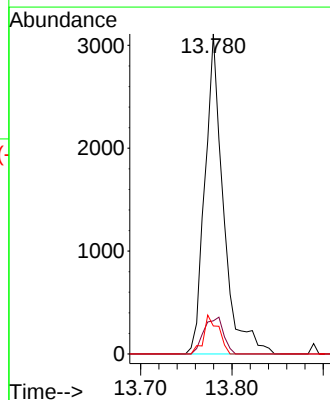
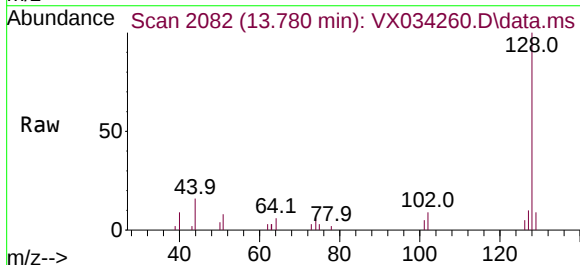
Instrument :
MSVOA_X
ClientSampleId :
IBLK

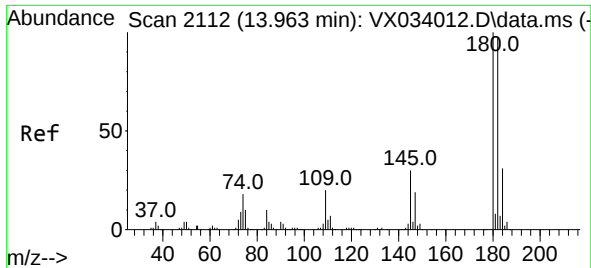
Tgt Ion:	225	Resp:	1039
Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.3	93.9
227	63.3	32.3	96.9



#95
Naphthalene
Concen: 0.344 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034260.D
Acq: 24 Feb 2023 12:52

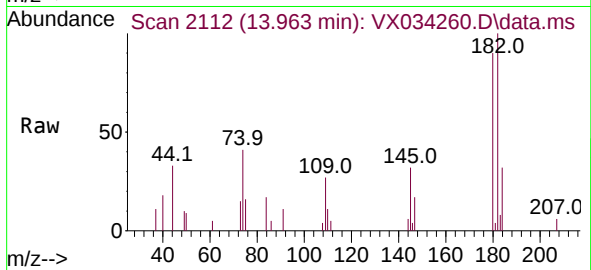
Tgt Ion:	128	Resp:	4368
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	9.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.422 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034260.D
 Acq: 24 Feb 2023 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1582
Ion	Ratio	Lower	Upper
180	100		
182	104.3	47.6	142.9
145	41.0	15.1	45.3

