

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038277.D
 Acq On : 13 Oct 2023 11:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 13 23:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

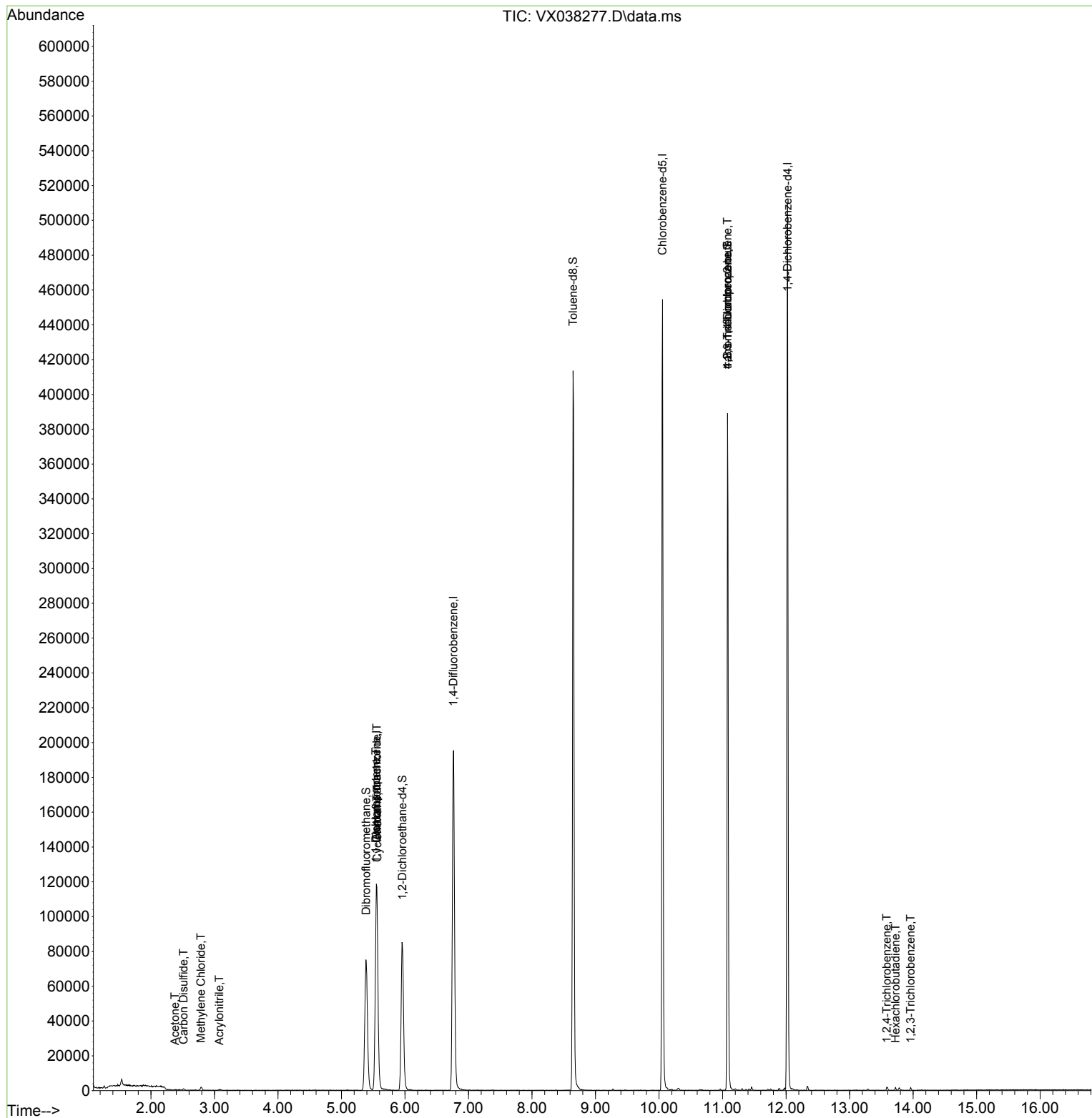
Internal Standards						
1) Pentafluorobenzene	5.550	168	110329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82669	46.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.385	113	65080	44.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.680%
50) Toluene-d8	8.647	98	251612	45.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.740%#
62) 4-Bromofluorobenzene	11.079	95	97804	46.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	59	Below Cal		88
6) Chloroethane	1.660	64	72	Below Cal	#	43
15) Acrylonitrile	3.075	53	174	0.215	ug/l	97
16) Acetone	2.380	43	416	0.562	ug/l #	47
17) Carbon Disulfide	2.514	76	917	0.315	ug/l #	88
20) Methylene Chloride	2.788	84	821	0.589	ug/l #	85
31) Cyclohexane	5.562	56	2734	1.422	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	9404	4.699	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11130	5.653	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	53077	22.010	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53077	63.116	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	572	0.254	ug/l	78
94) Hexachlorobutadiene	13.725	225	251	0.277	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.963	180	490	0.225	ug/l	86

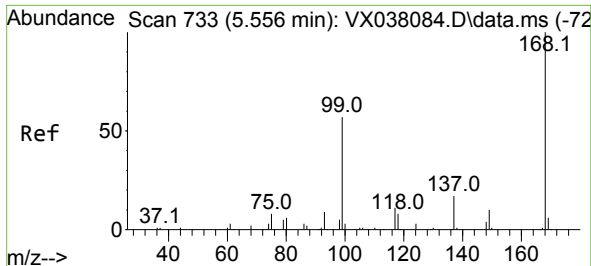
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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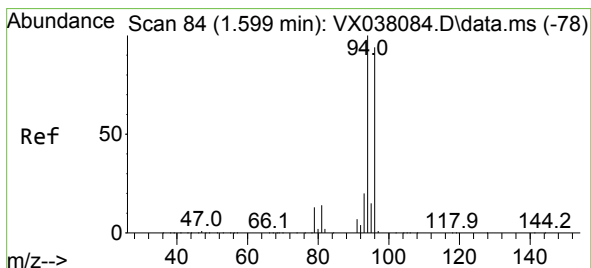
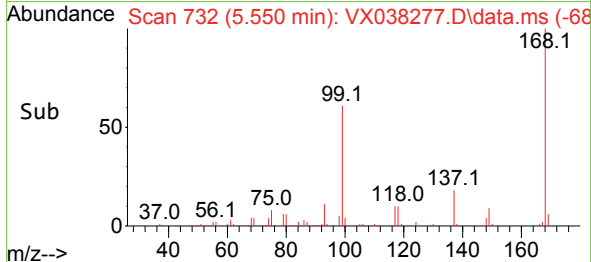
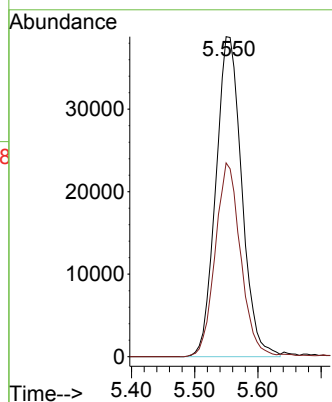
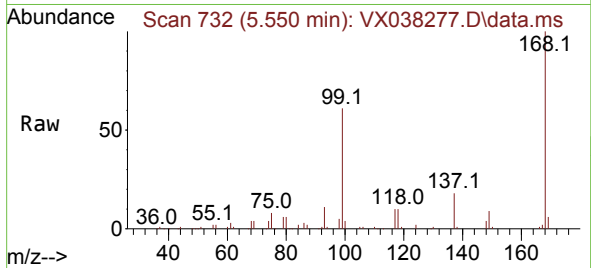




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

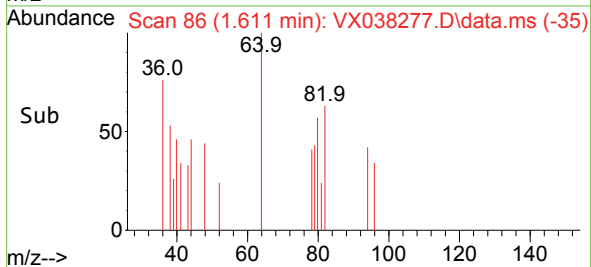
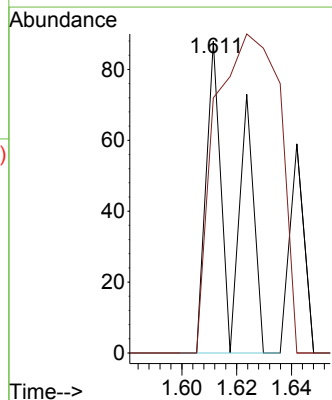
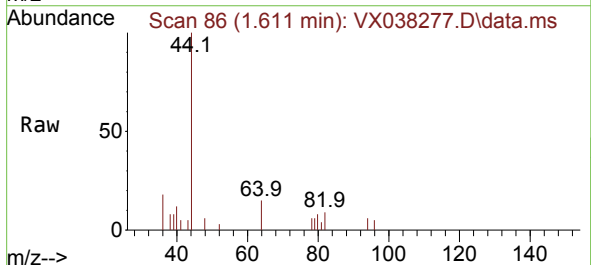
Instrument :
MSVOA_X
ClientSampleId :
IBLK

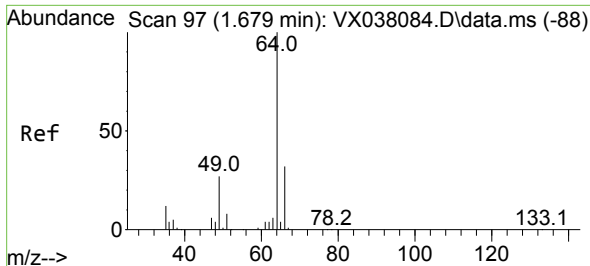
Tgt Ion:168 Resp: 110329
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 81.8 74.6 111.8

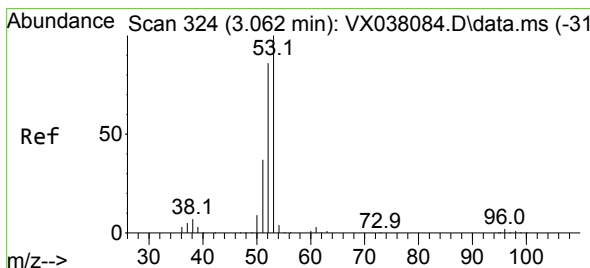
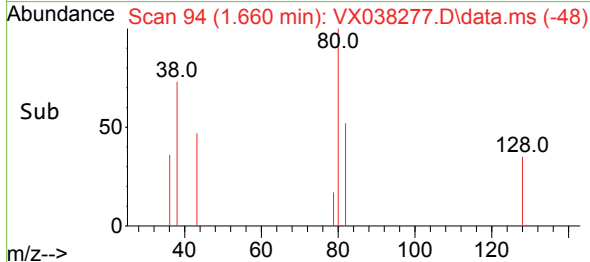
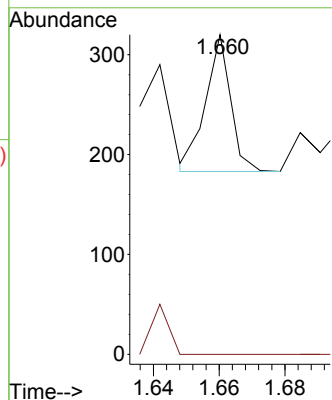
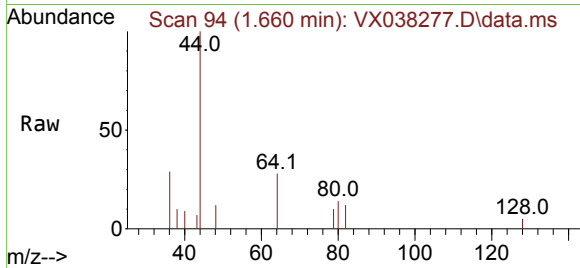




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

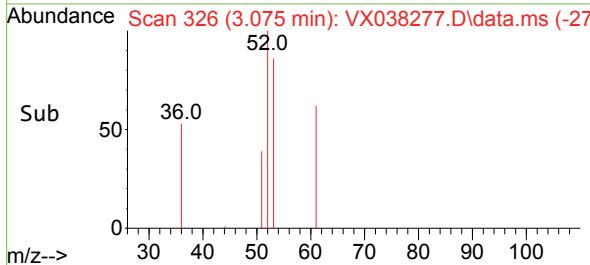
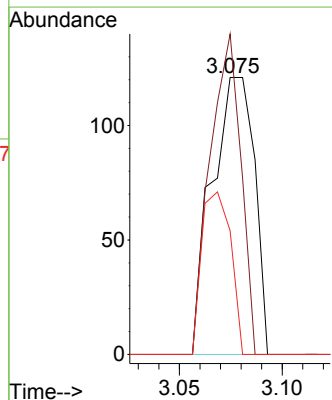
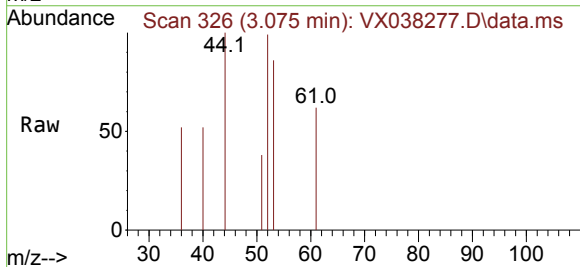
Instrument :
MSVOA_X
ClientSampleId :
IBLK

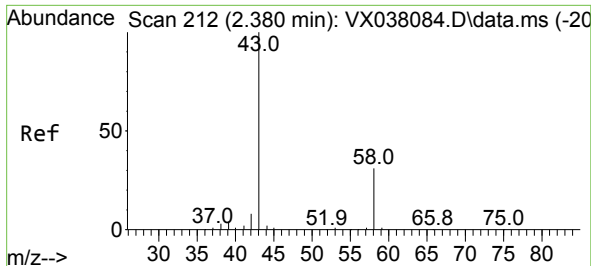
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#15
Acrylonitrile
Concen: 0.215 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 53 Resp: 174
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 40.2 29.8 44.6

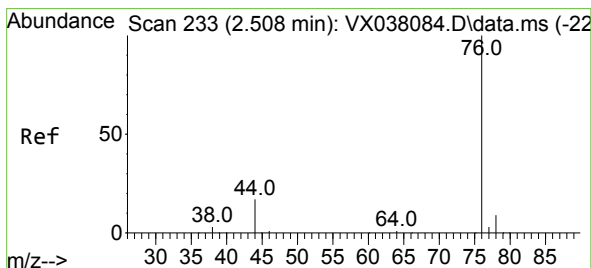
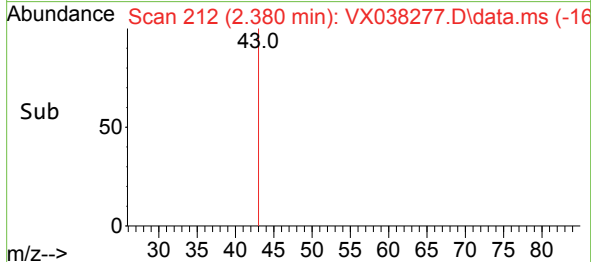
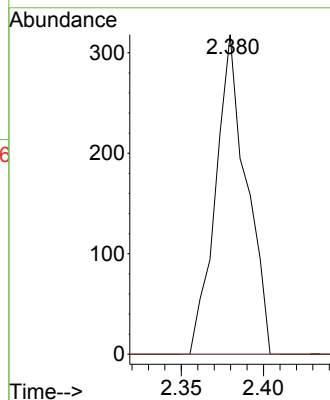
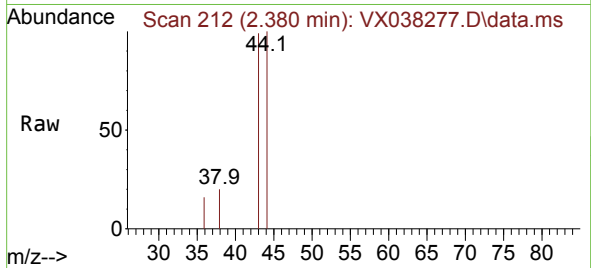




#16
Acetone
Concen: 0.562 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

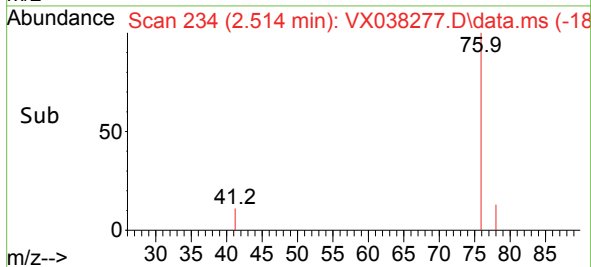
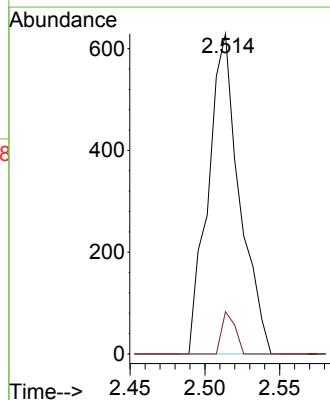
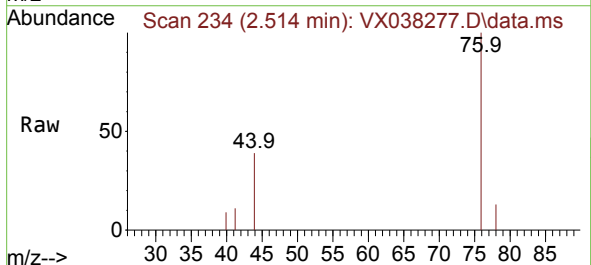
Instrument :
MSVOA_X
ClientSampleId :
IBLK

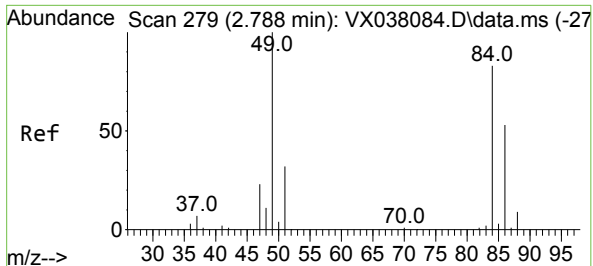
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

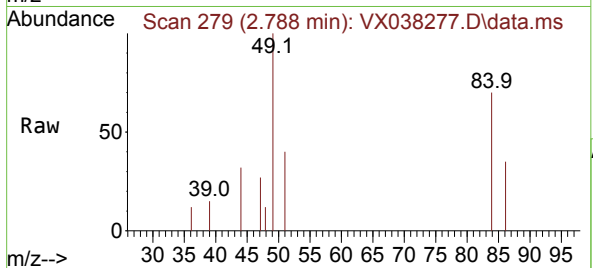
Tgt Ion: 76 Resp: 917
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.6#





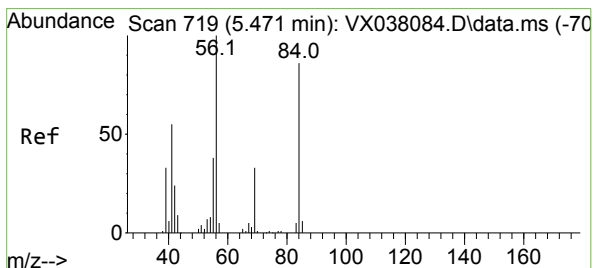
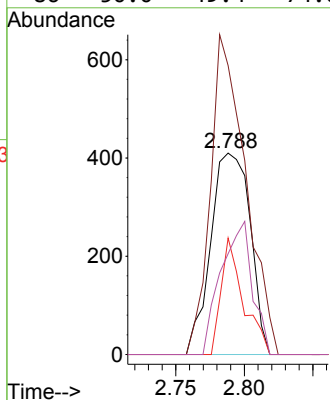
#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 821

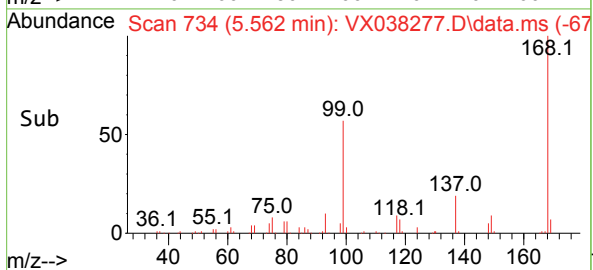
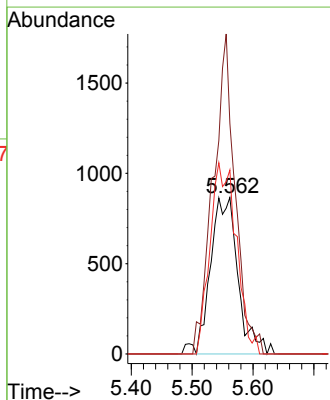
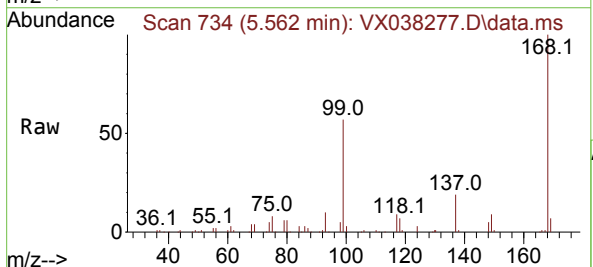
Ion	Ratio	Lower	Upper
84	100		
49	143.4	103.6	155.4
51	57.8	33.8	50.6#
86	50.0	49.4	74.0

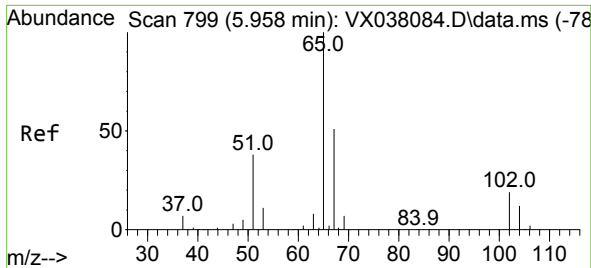


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 56 Resp: 2734

Ion	Ratio	Lower	Upper
56	100		
69	147.3	23.4	35.2#
84	117.5	65.9	98.9#

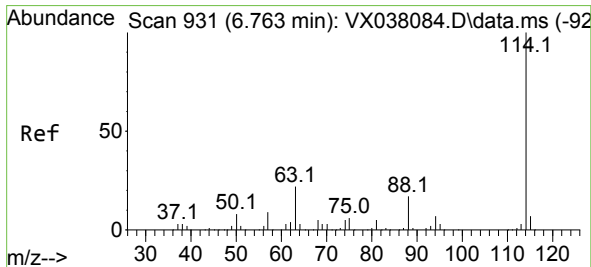
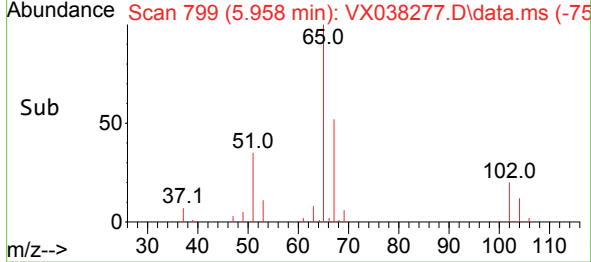
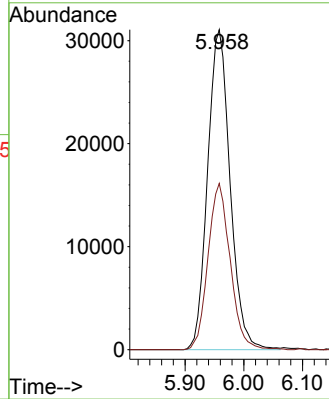
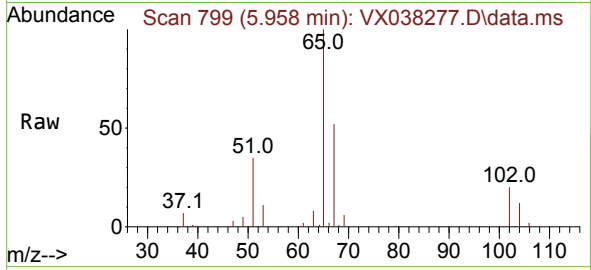




#33
1,2-Dichloroethane-d4
Concen: 46.585 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

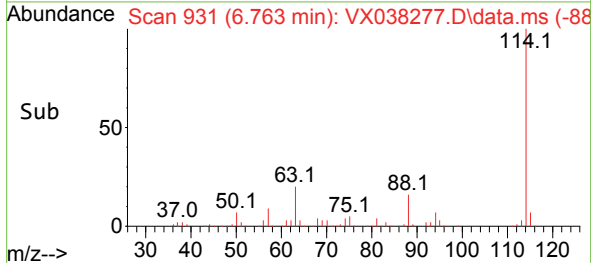
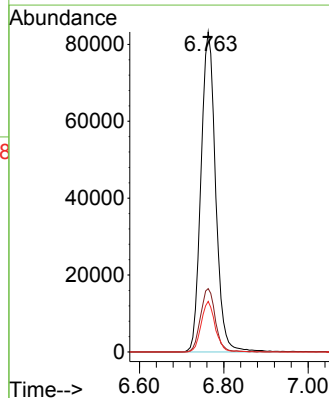
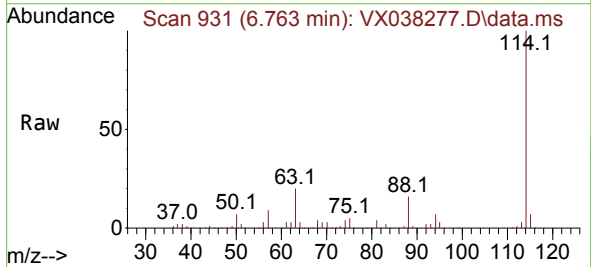
Instrument :
MSVOA_X
ClientSampleId :
IBLK

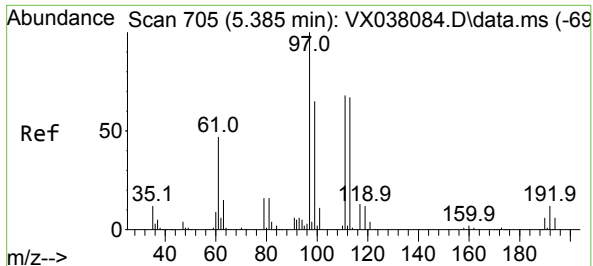
Tgt Ion: 65 Resp: 82669
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 114 Resp: 201425
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.8 0.0 36.6

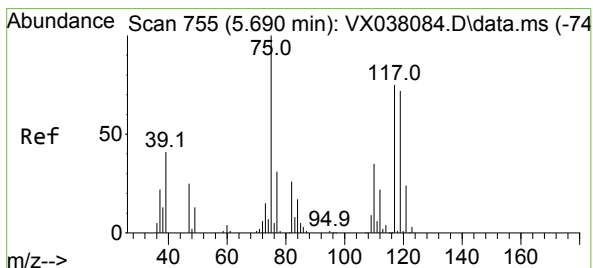
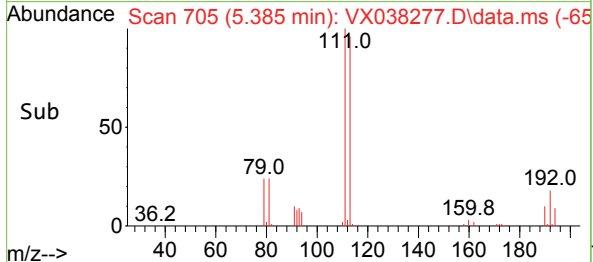
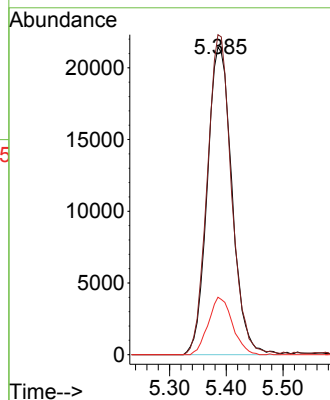
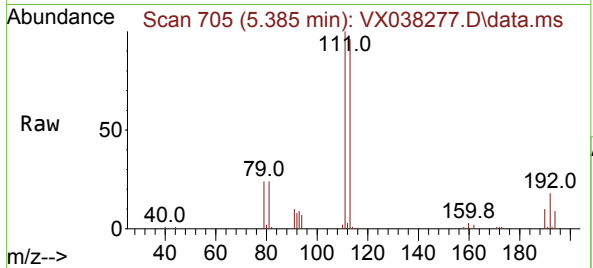




#35
Dibromofluoromethane
Concen: 44.840 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

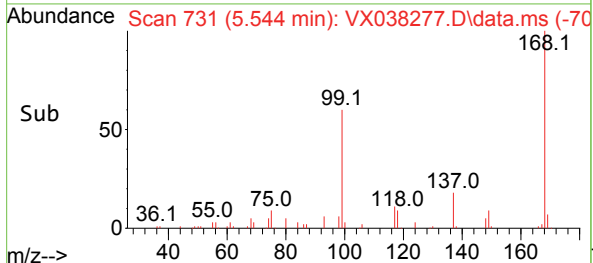
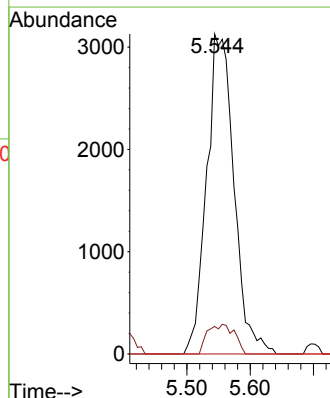
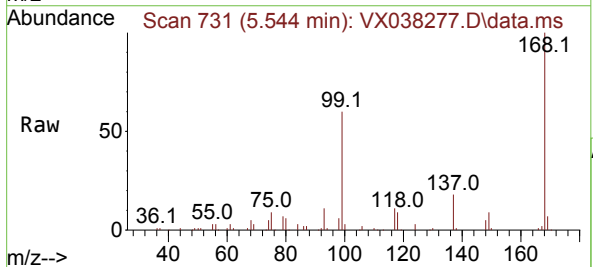
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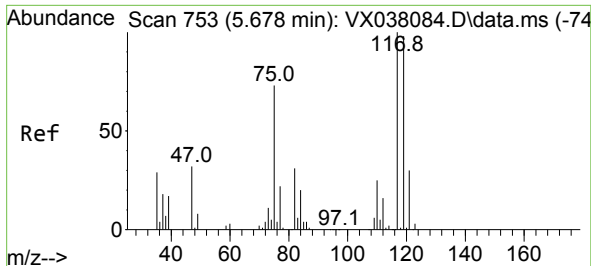
Tgt Ion:113 Resp: 65080
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

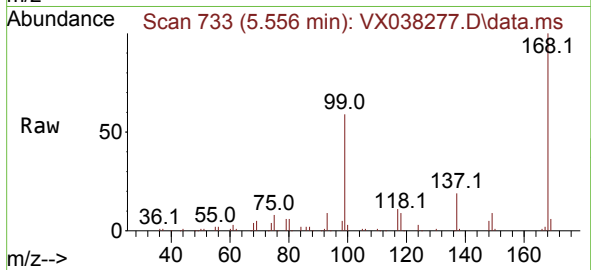
Tgt Ion: 75 Resp: 9404
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



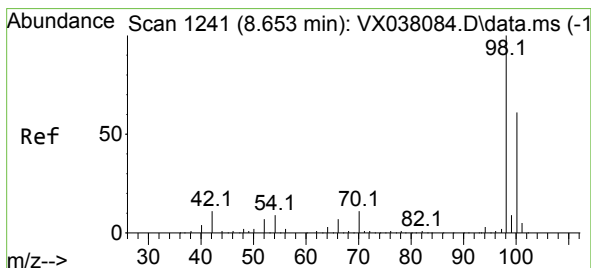
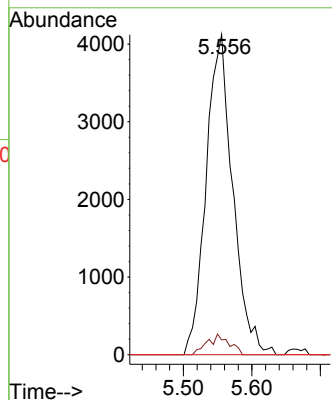
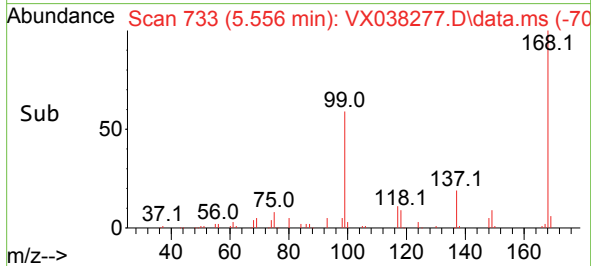


#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

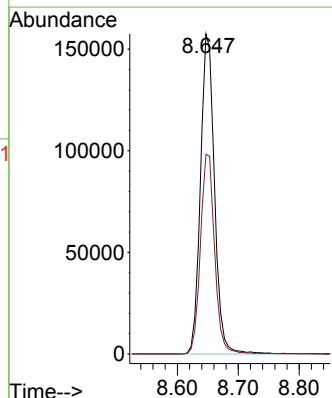
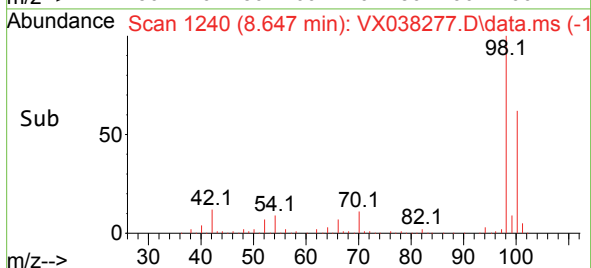
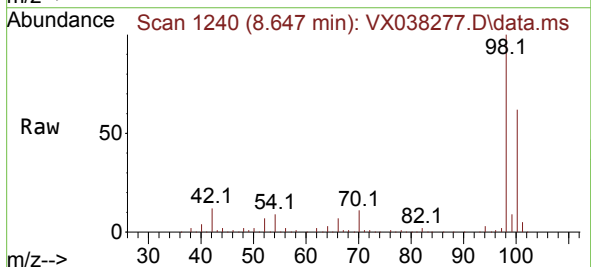


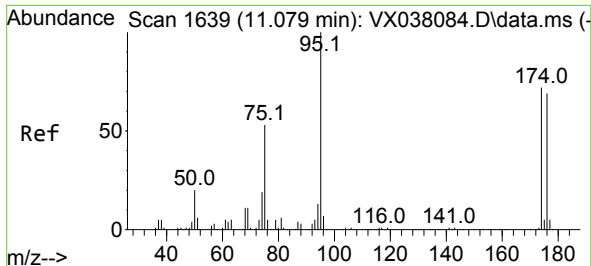
Tgt Ion:117 Resp: 11130
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.367 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 98 Resp: 251612
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

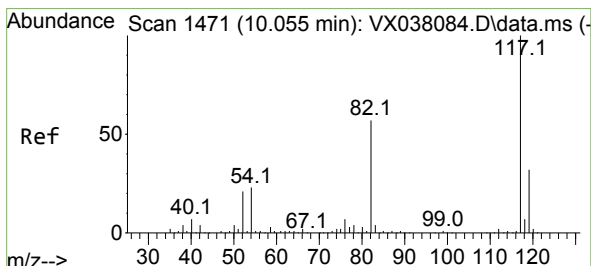
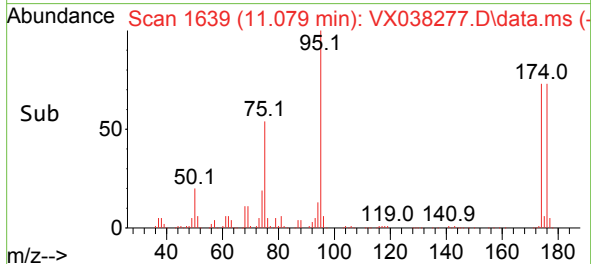
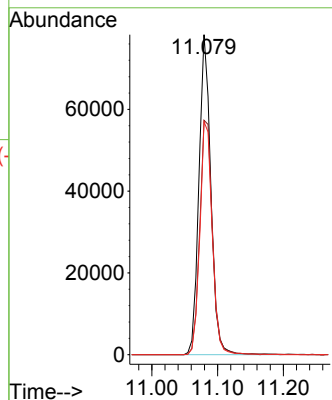
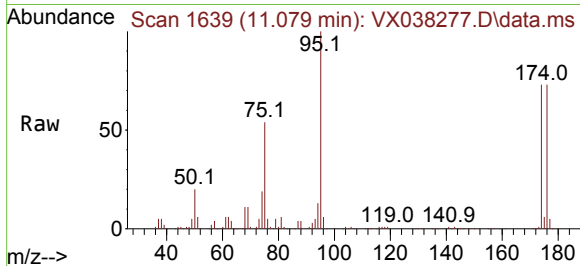




#62
4-Bromofluorobenzene
Concen: 46.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

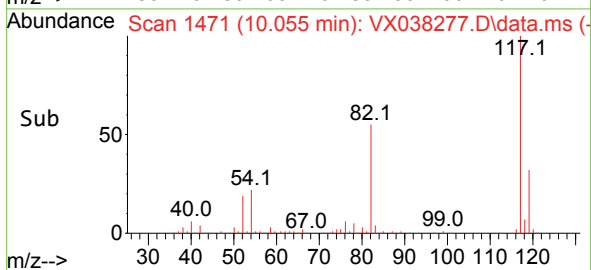
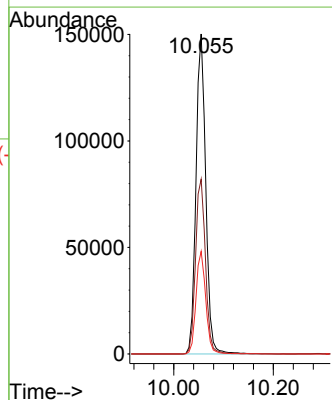
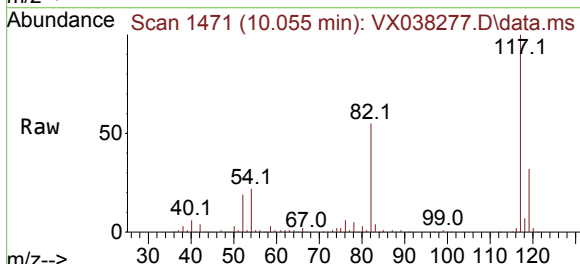
Instrument :
MSVOA_X
ClientSampleId :
IBLK

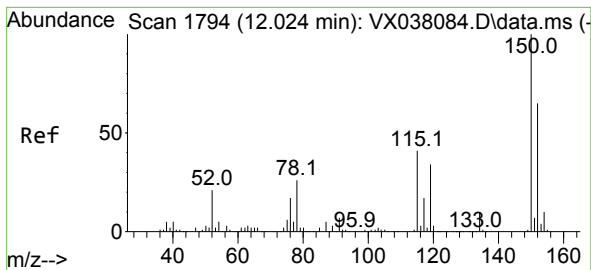
Tgt Ion: 95 Resp: 97804
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion: 117 Resp: 203782
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038277.D

Acq: 13 Oct 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

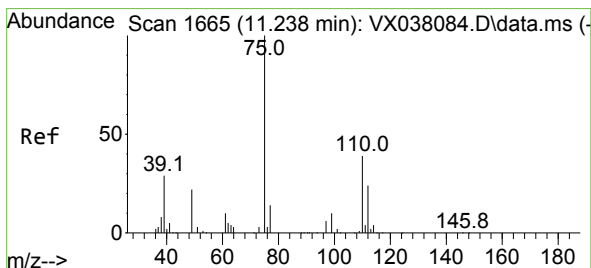
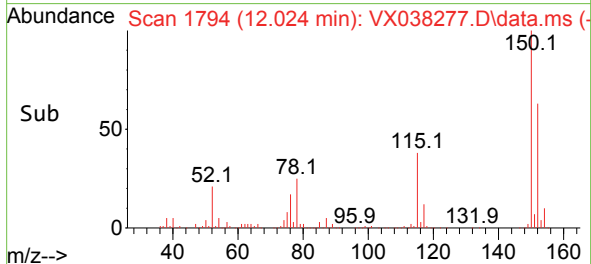
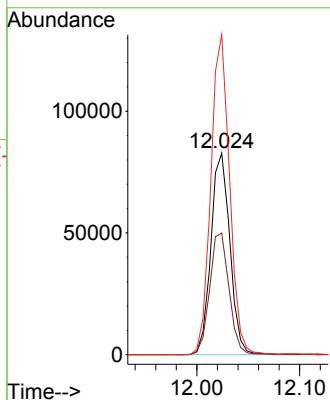
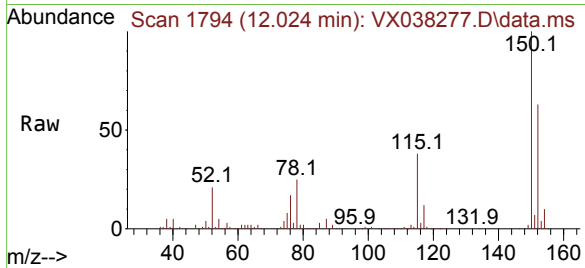
Tgt Ion:152 Resp: 106077

Ion Ratio Lower Upper

152 100

115 61.7 43.3 129.9

150 156.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.010 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038277.D

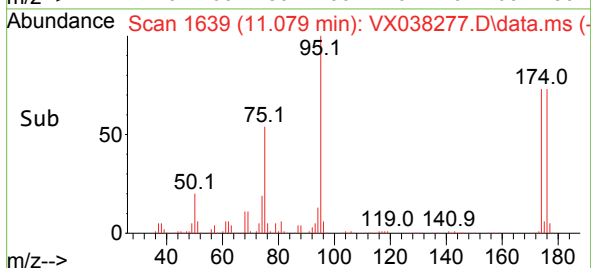
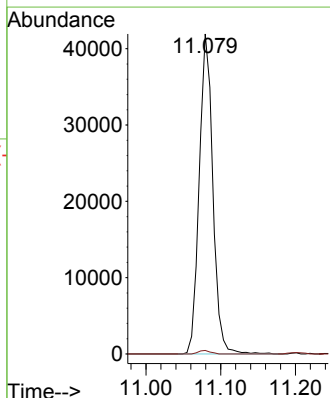
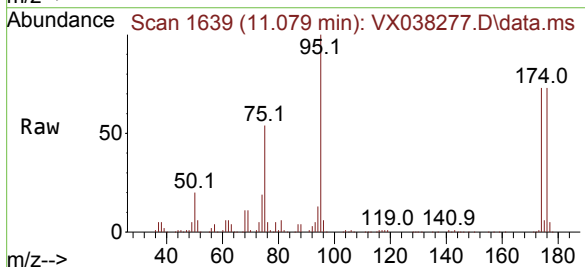
Acq: 13 Oct 2023 11:47

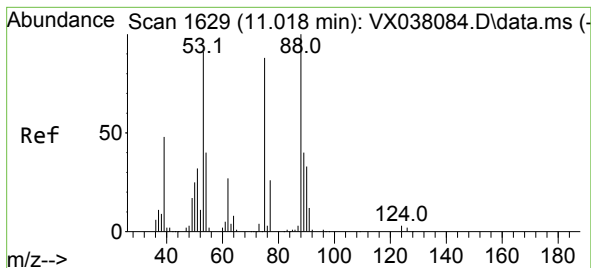
Tgt Ion: 75 Resp: 53077

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

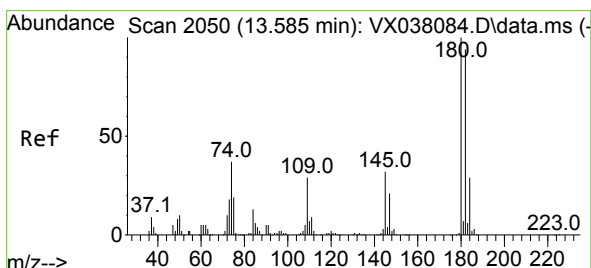
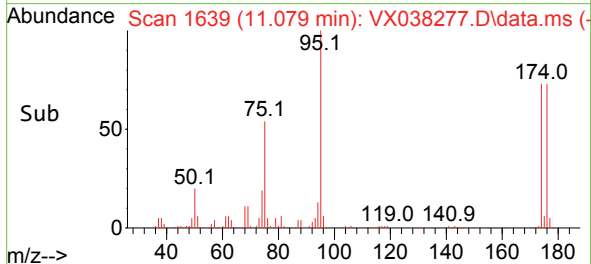
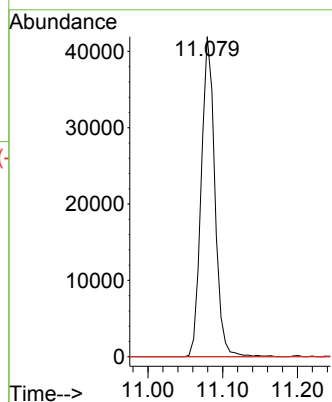
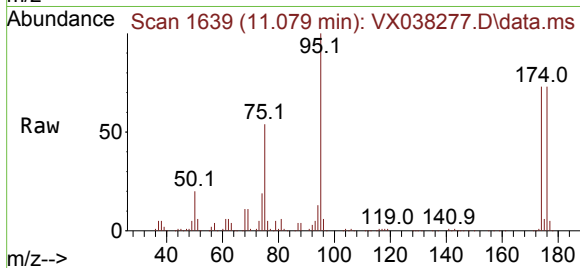




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.116 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038277.D
 Acq: 13 Oct 2023 11:47

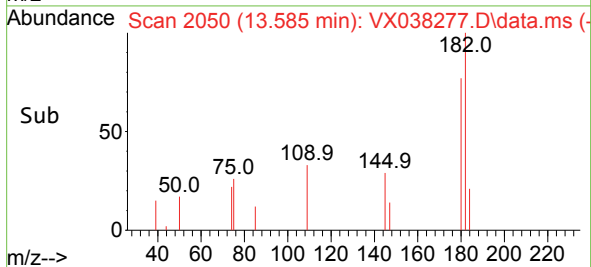
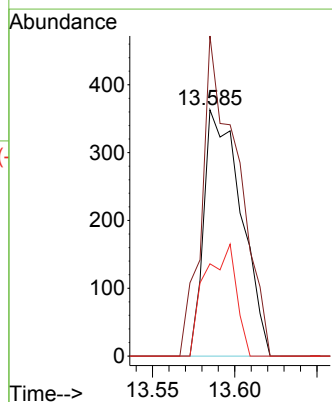
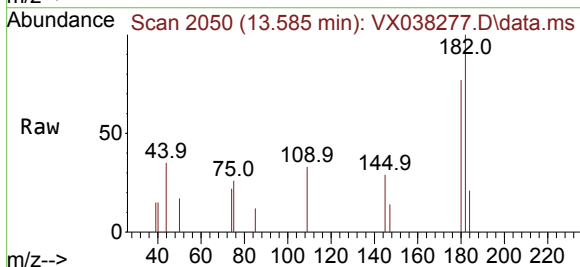
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

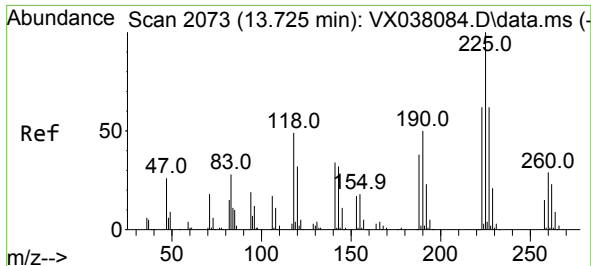
Tgt Ion: 75 Resp: 53077
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.254 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX038277.D
 Acq: 13 Oct 2023 11:47

Tgt Ion:180 Resp: 572
 Ion Ratio Lower Upper
 180 100
 182 124.7 48.3 144.8
 145 38.1 18.0 54.0

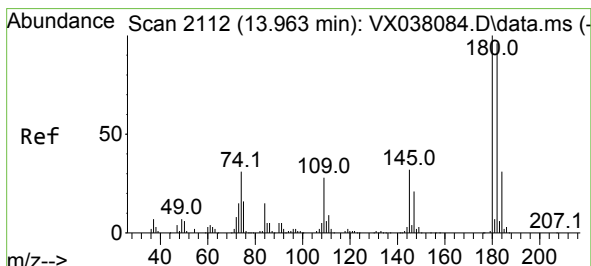
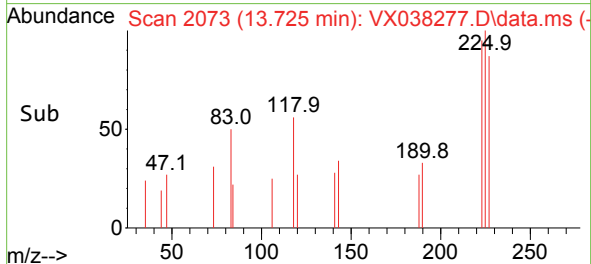
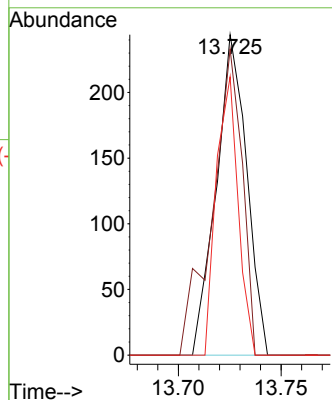
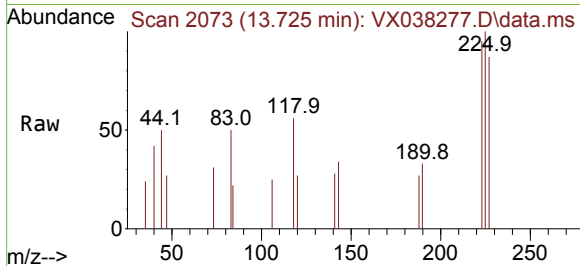




#94
Hexachlorobutadiene
Concen: 0.277 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 251
Ion Ratio Lower Upper
225 100
223 93.2 31.1 93.2#
227 62.2 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038277.D
Acq: 13 Oct 2023 11:47

Tgt Ion:180 Resp: 490
Ion Ratio Lower Upper
180 100
182 107.1 46.9 140.6
145 28.0 17.8 53.5

