

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037889.D
 Acq On : 25 Sep 2023 12:10
 Operator : JC/MD
 Sample : 04595-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 06:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

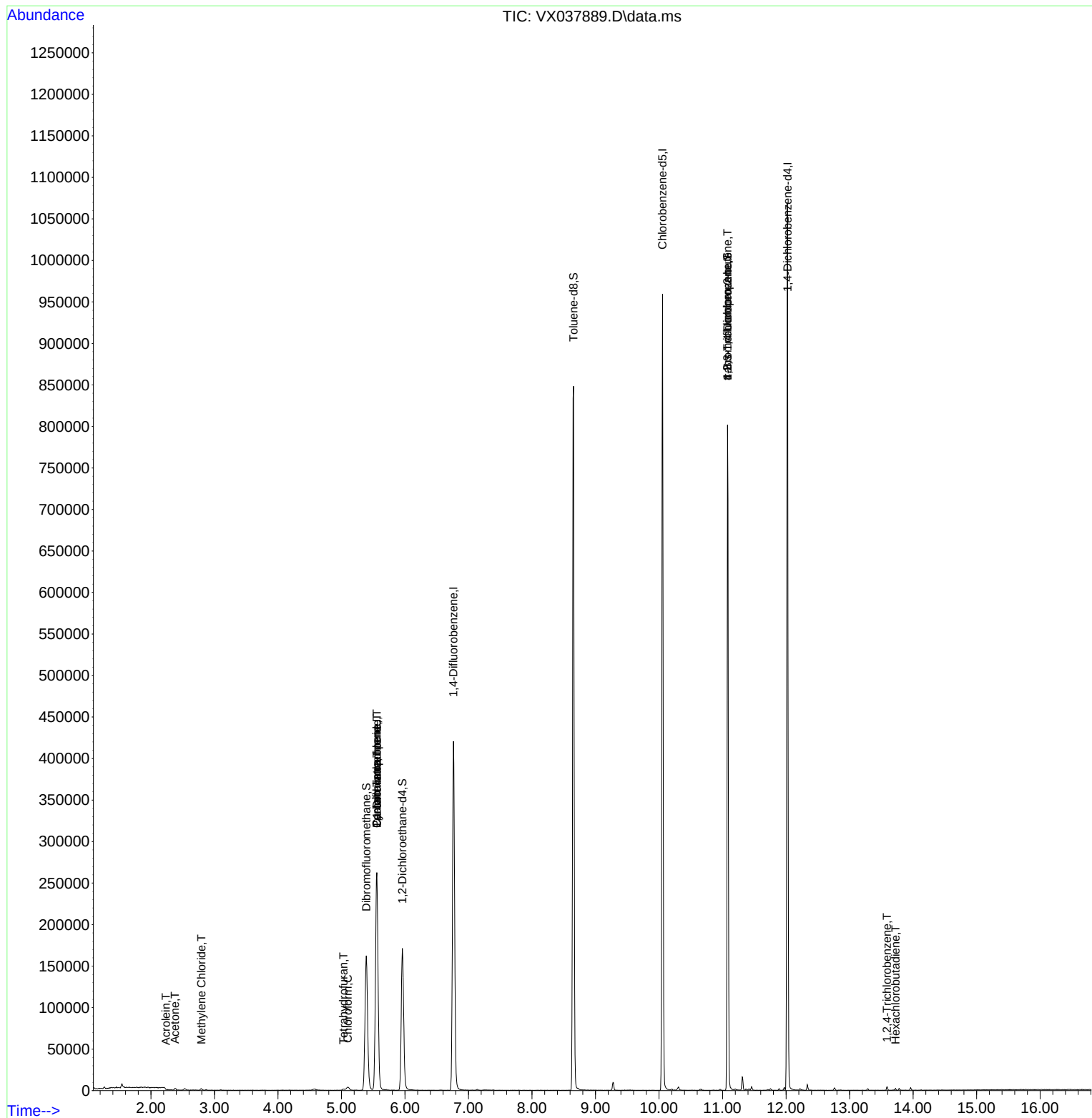
Internal Standards						
1) Pentafluorobenzene	5.556	168	253551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	439011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162080	48.654	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.300%	
35) Dibromofluoromethane	5.391	113	141010	48.004	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.000%	
50) Toluene-d8	8.653	98	530479	48.603	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.200%	
62) 4-Bromofluorobenzene	11.079	95	206595	52.090	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.180%	
Target Compounds						
						Qvalue
13) Acrolein	2.233	56	146	0.207	ug/l	85
16) Acetone	2.380	43	2551	1.592	ug/l	92
20) Methylene Chloride	2.794	84	1008	0.315	ug/l	89
29) Tetrahydrofuran	5.032	42	1477	1.050	ug/l	99
30) Chloroform	5.099	83	4848	0.875	ug/l	84
31) Cyclohexane	5.556	56	5182	1.212	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18848	4.658	ug/l #	51
38) Carbon Tetrachloride	5.556	117	25758	6.084	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	104970	19.851	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	104970	63.591	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1302	0.280	ug/l	93
94) Hexachlorobutadiene	13.725	225	448	0.206	ug/l	89

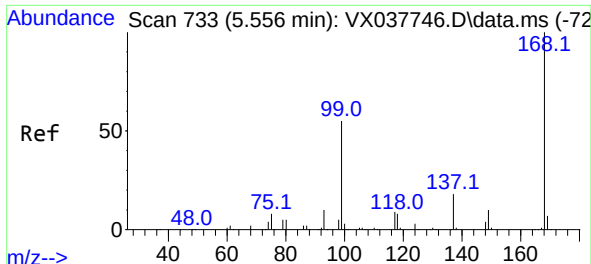
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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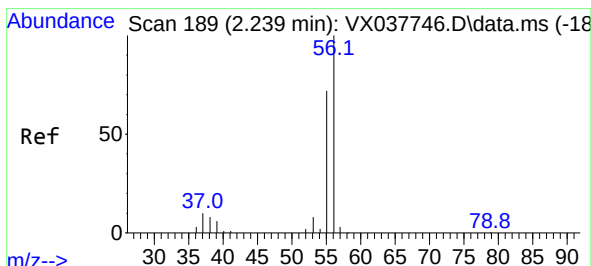
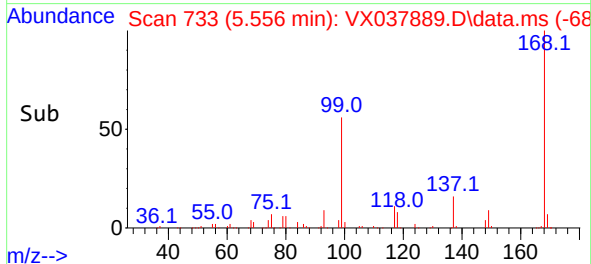
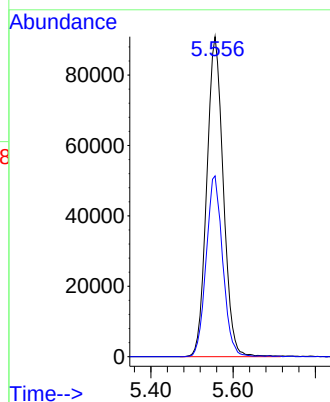
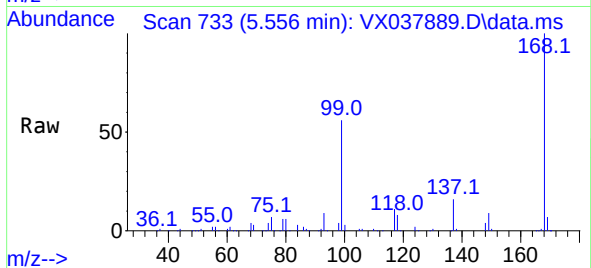




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

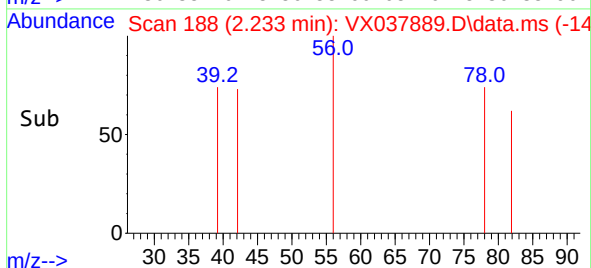
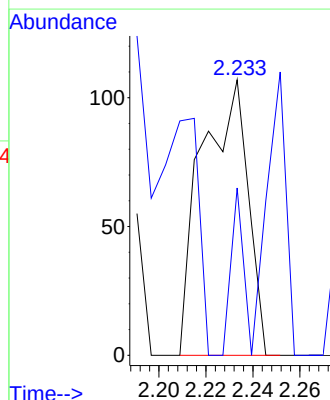
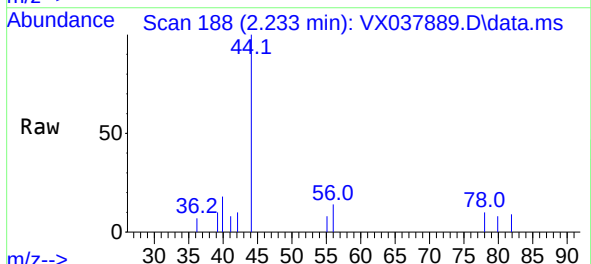
Instrument :
MSVOA_X
ClientSampleId :

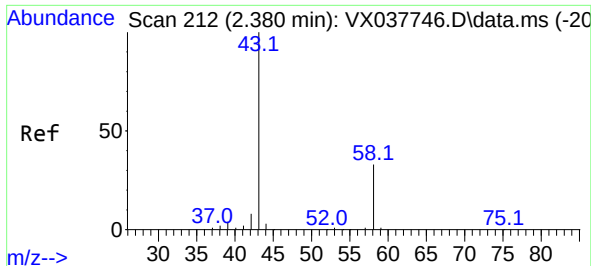
Tgt Ion:168 Resp: 253551
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#13
Acrolein
Concen: 0.207 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 58.9 57.1 85.7

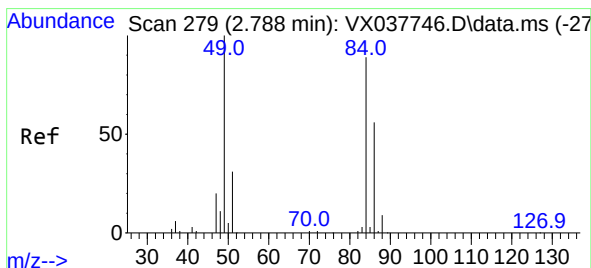
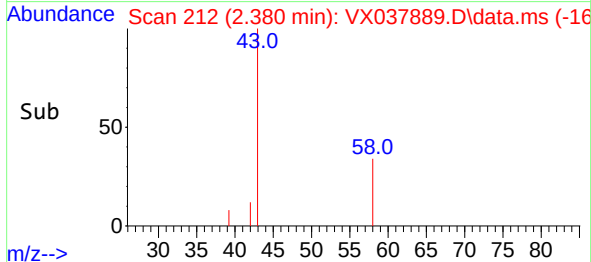
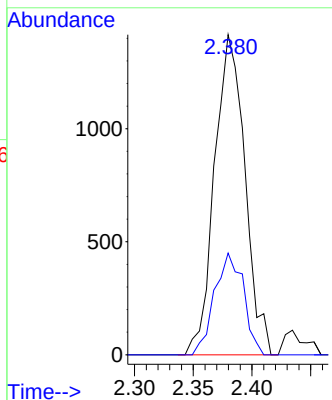
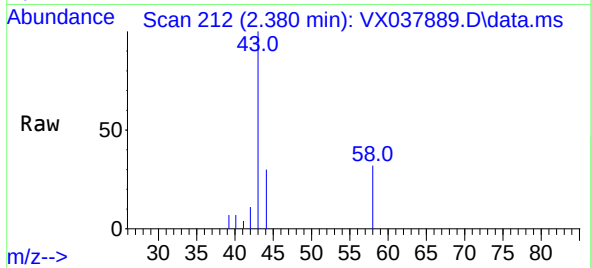




#16
Acetone
Concen: 1.592 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

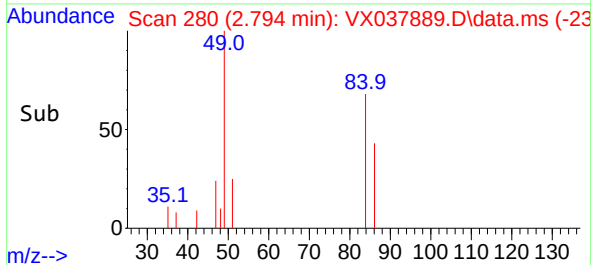
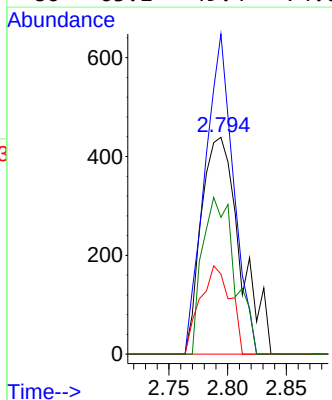
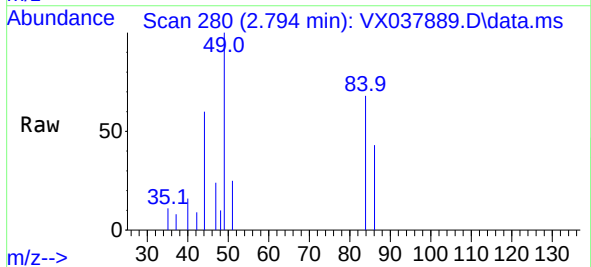
Instrument :
MSVOA_X
ClientSampleId :

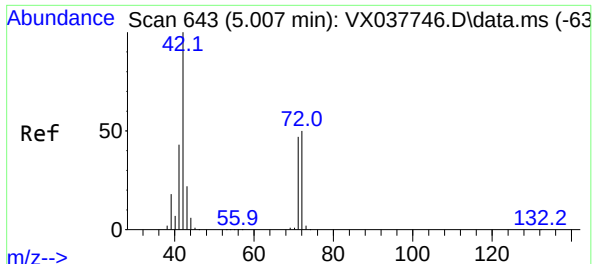
Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 84 Resp: 1008
Ion Ratio Lower Upper
84 100
49 147.6 103.6 155.4
51 36.9 33.8 50.6
86 63.1 49.4 74.0





#29

Tetrahydrofuran

Concen: 1.050 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.018 min

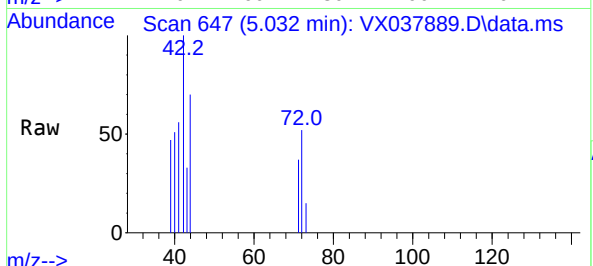
Lab File: VX037889.D

Acq: 25 Sep 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :



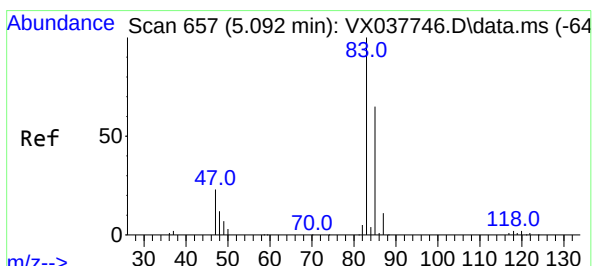
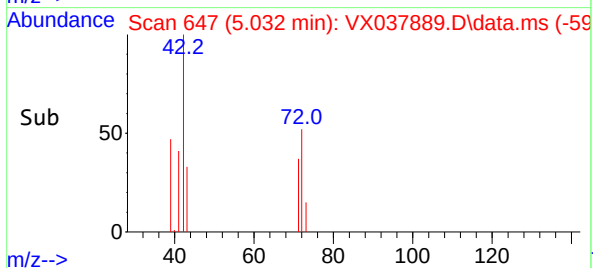
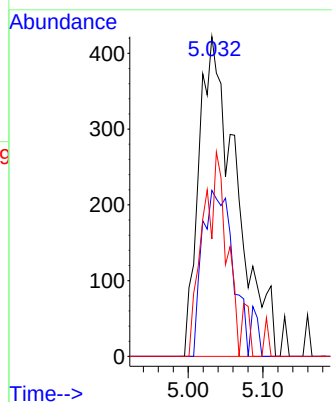
Tgt Ion: 42 Resp: 1477

Ion Ratio Lower Upper

42 100

72 41.6 34.2 51.4

71 40.1 32.2 48.2



#30

Chloroform

Concen: 0.875 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037889.D

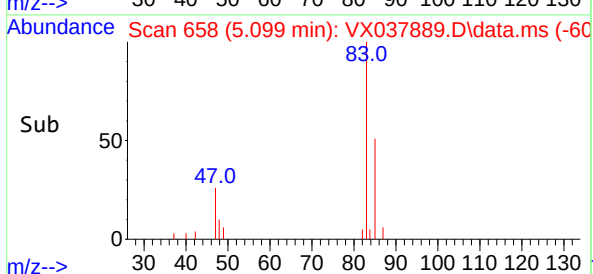
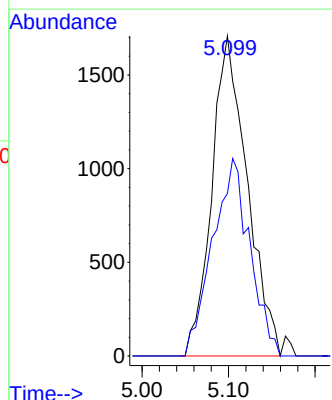
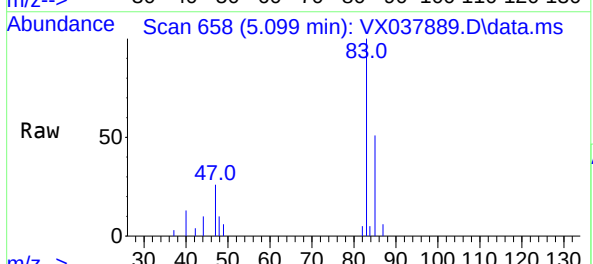
Acq: 25 Sep 2023 12:10

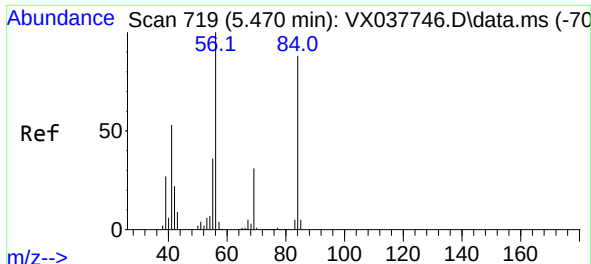
Tgt Ion: 83 Resp: 4848

Ion Ratio Lower Upper

83 100

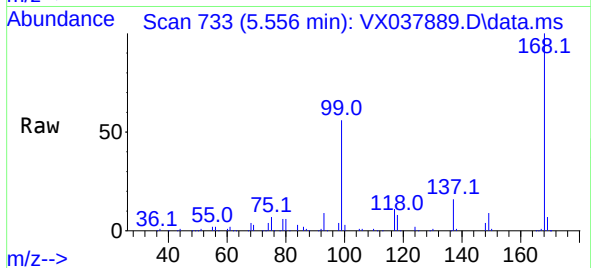
85 50.8 50.3 75.5



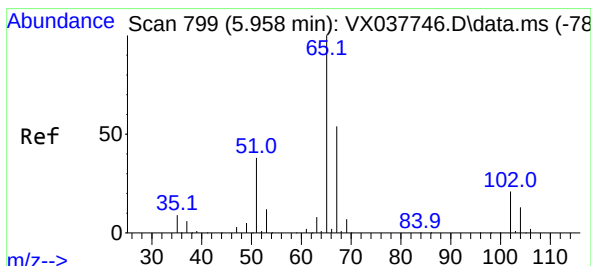
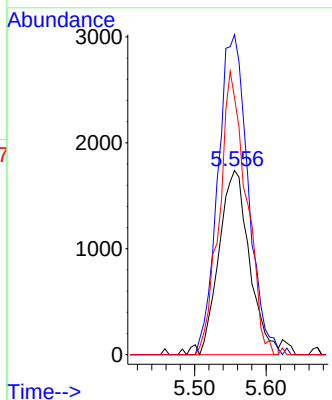
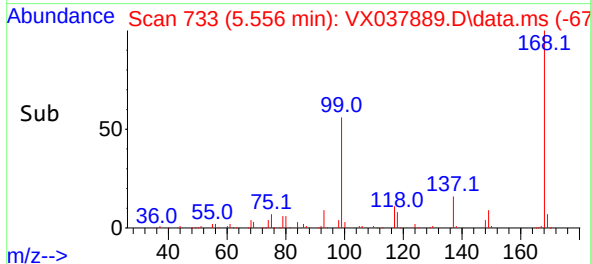


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Instrument :
MSVOA_X
ClientSampleId :

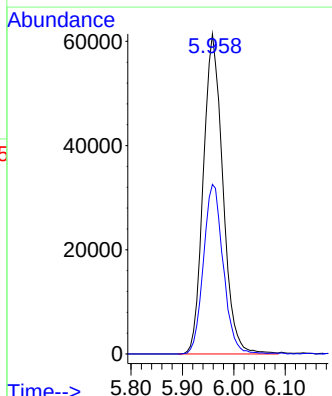
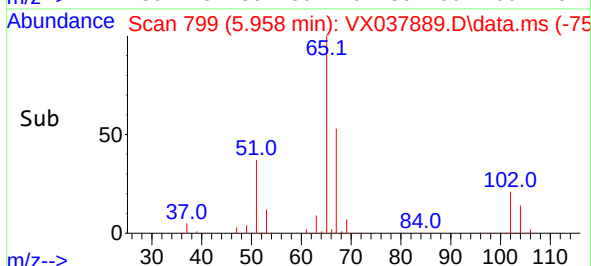
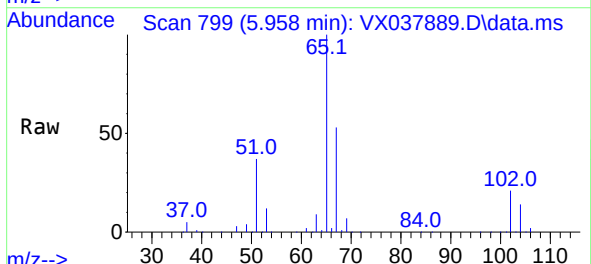


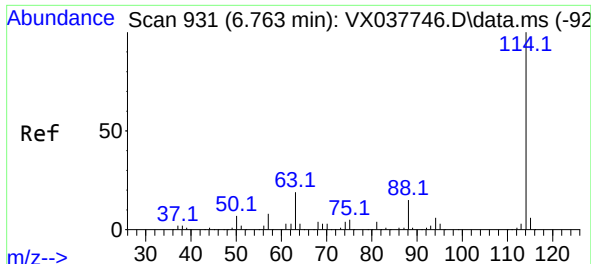
Tgt Ion: 56 Resp: 5182
Ion Ratio Lower Upper
56 100
69 173.8 23.4 35.2#
84 139.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.654 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 65 Resp: 162080
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

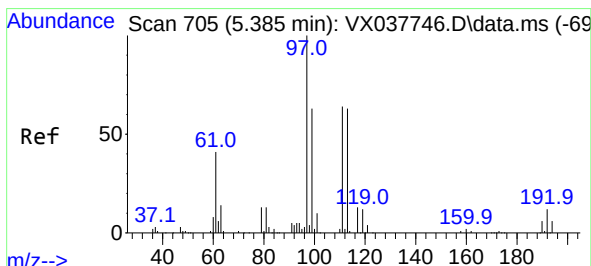
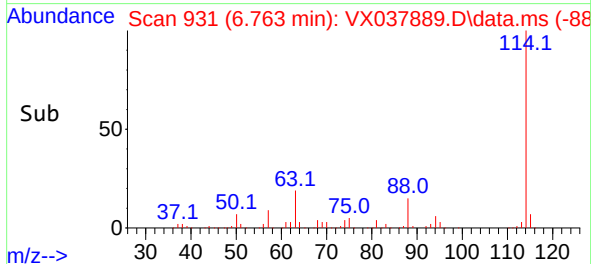
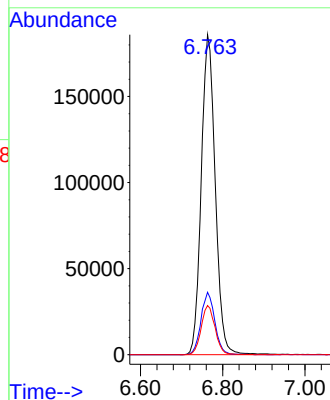
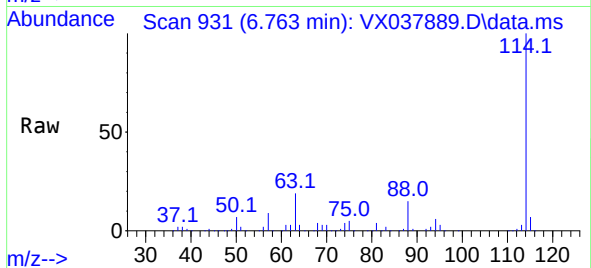




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

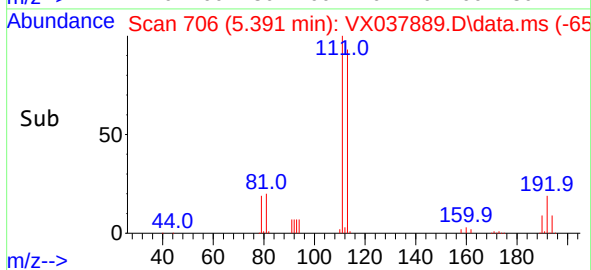
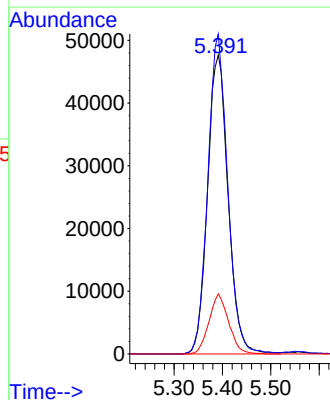
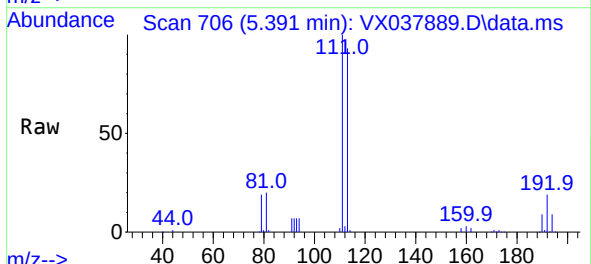
Instrument :
MSVOA_X
ClientSampleId :

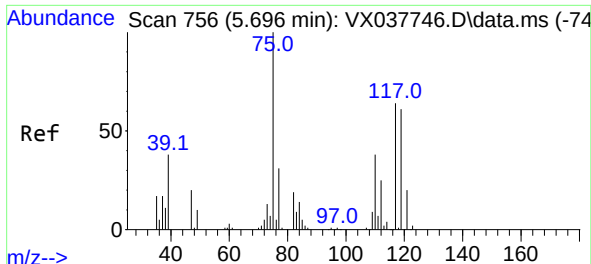
Tgt Ion:114 Resp: 439011
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

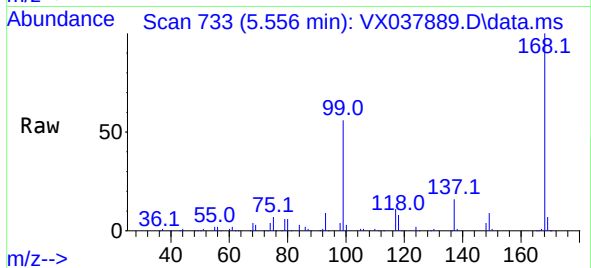
Tgt Ion:113 Resp: 141010
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.1 13.3 19.9



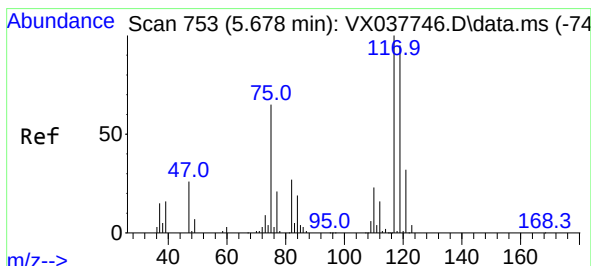
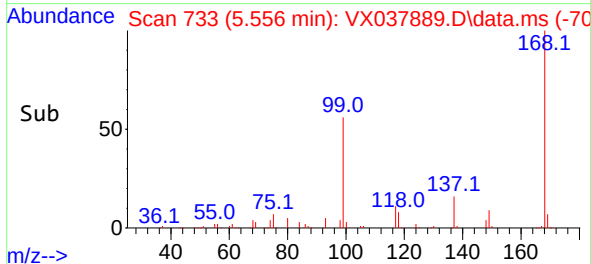
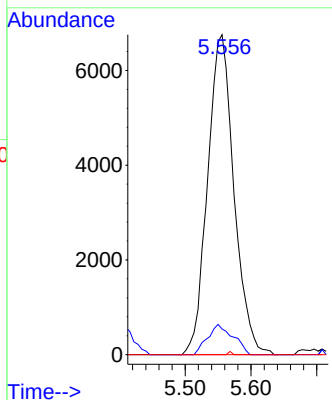


#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Instrument :
MSVOA_X
ClientSampleId :

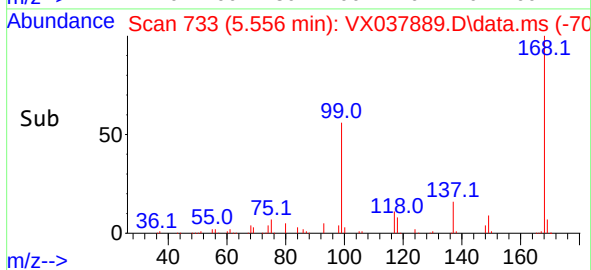
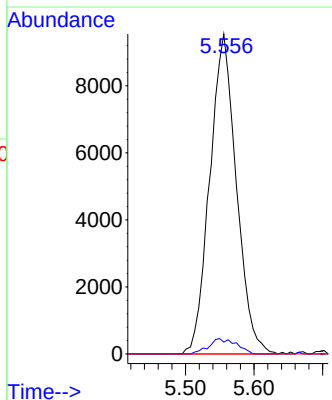
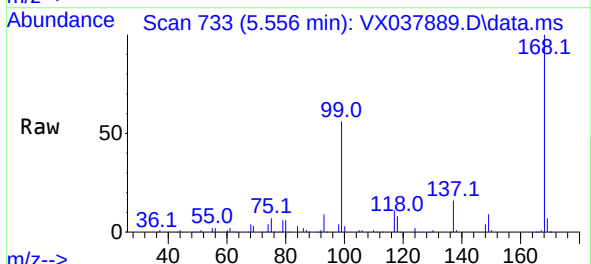


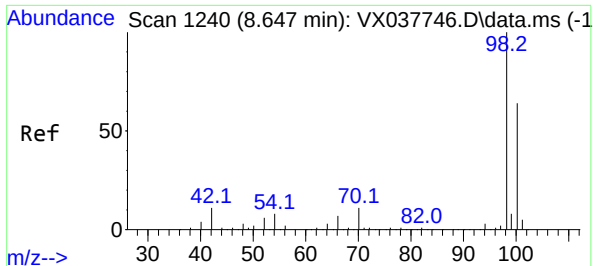
Tgt Ion: 75 Resp: 18848
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.1 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 117 Resp: 25758
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

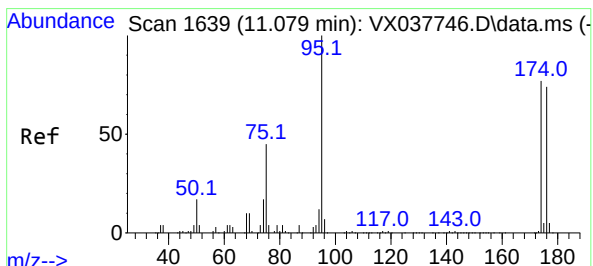
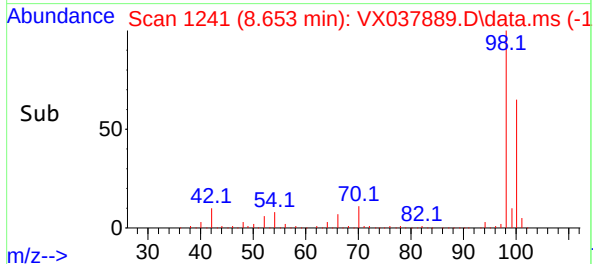
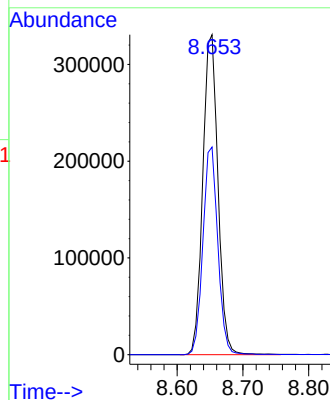
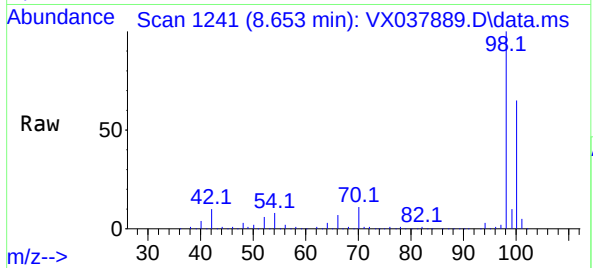




#50
Toluene-d8
Concen: 48.603 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

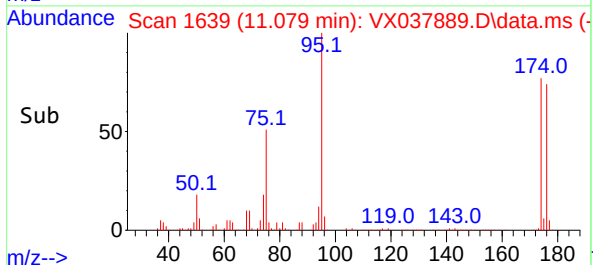
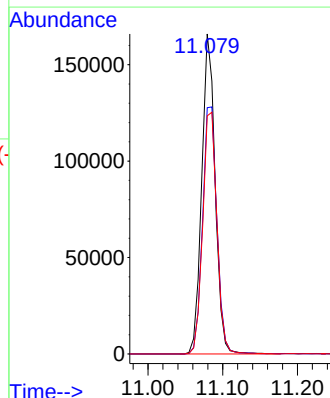
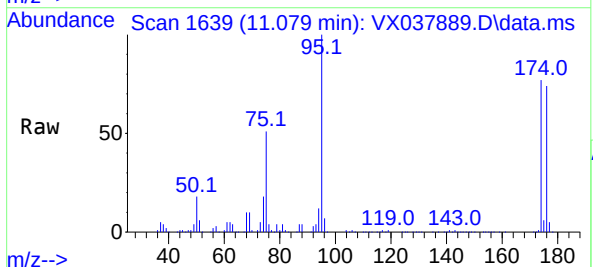
Instrument :
MSVOA_X
ClientSampleId :

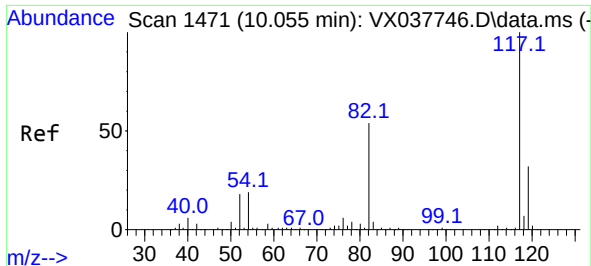
Tgt Ion: 98 Resp: 530479
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 95 Resp: 206595
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 80.4 0.0 131.0

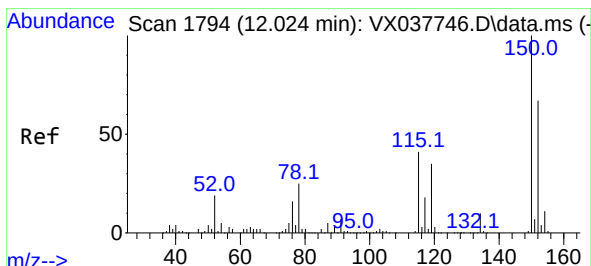
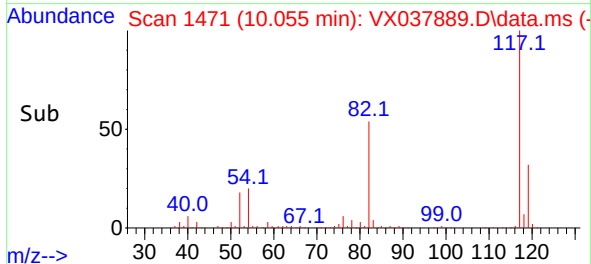
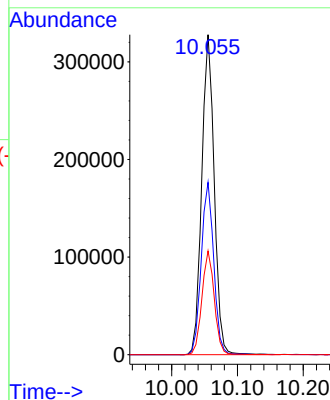
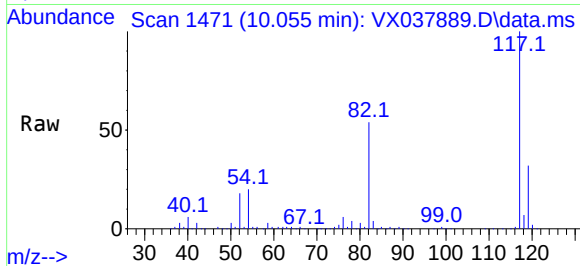




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

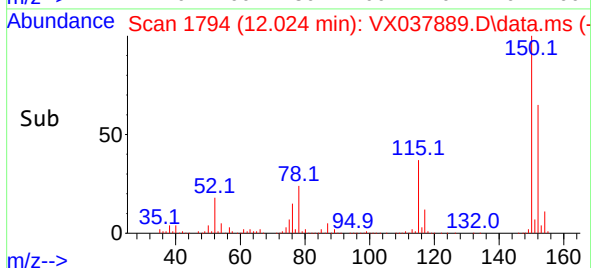
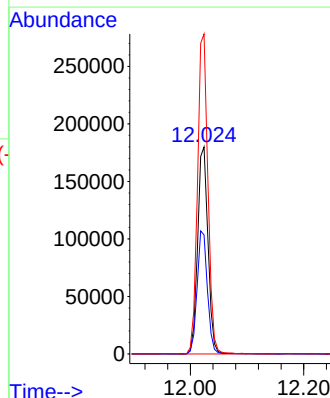
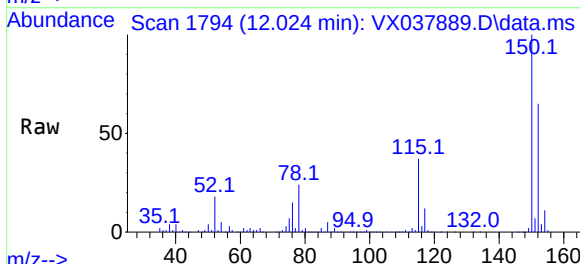
Instrument :
MSVOA_X
ClientSampleId :

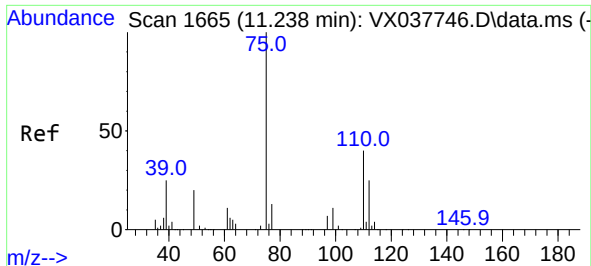
Tgt Ion:117 Resp: 431643
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion:152 Resp: 228621
Ion Ratio Lower Upper
152 100
115 58.9 43.3 129.9
150 154.9 0.0 345.0

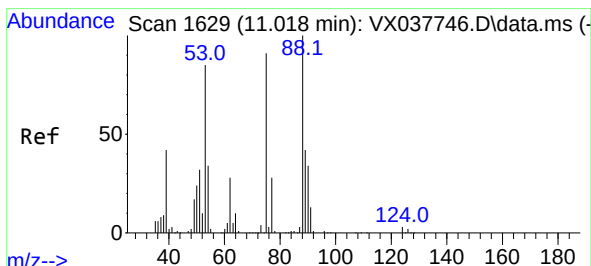
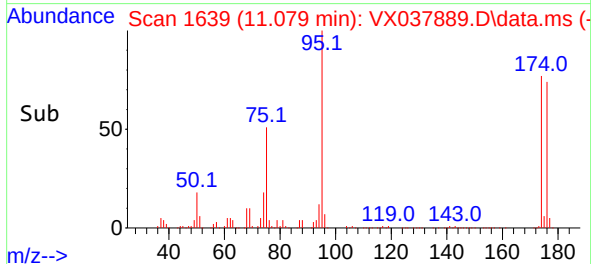
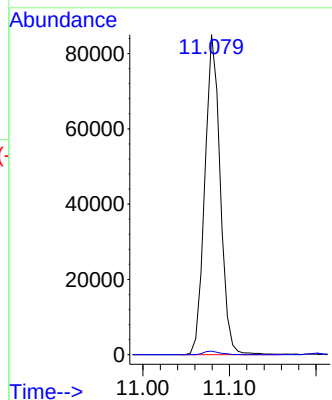
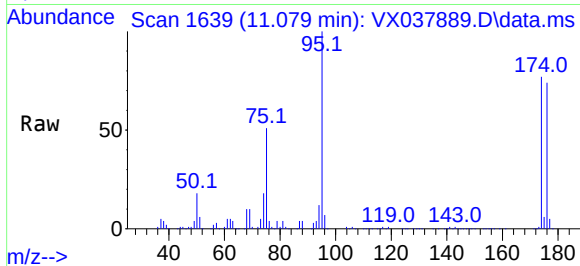




#76
1,2,3-Trichloropropane
Concen: 19.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

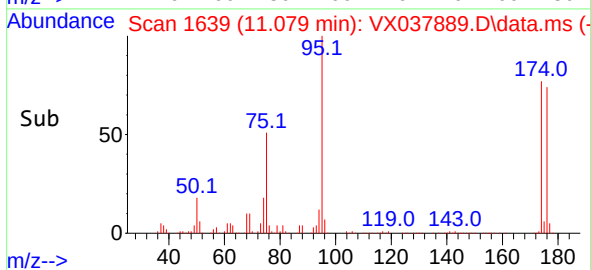
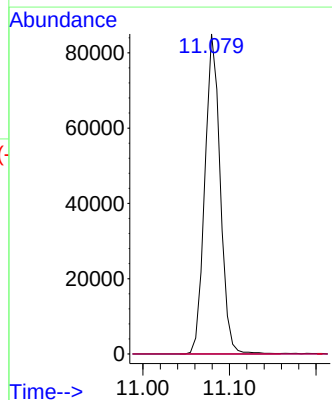
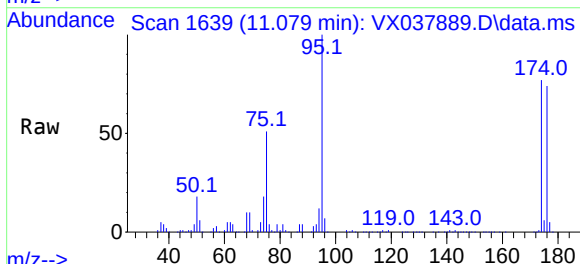
Instrument :
MSVOA_X
ClientSampleId :

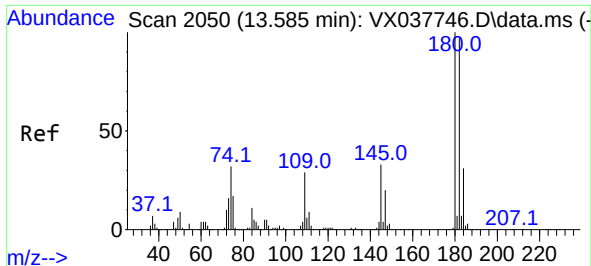
Tgt Ion: 75 Resp: 104970
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion: 75 Resp: 104970
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

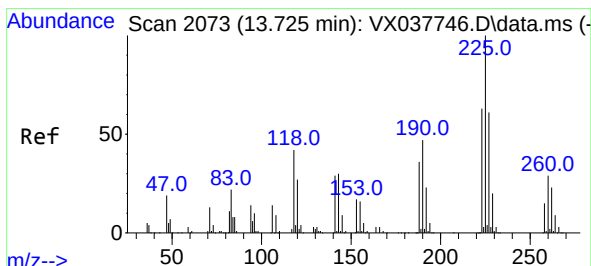
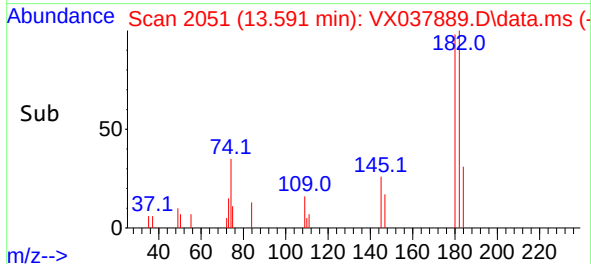
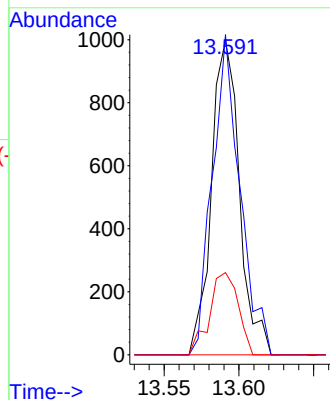
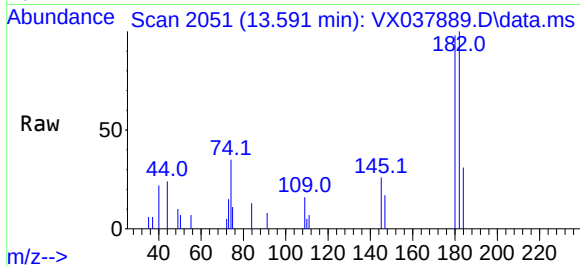




#93
1,2,4-Trichlorobenzene
Concen: 0.280 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180	Resp:	1302
Ion	Ratio	Lower Upper
180	100	
182	100.2	48.3 144.8
145	26.7	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037889.D
Acq: 25 Sep 2023 12:10

Tgt Ion:225	Resp:	448
Ion	Ratio	Lower Upper
225	100	
223	68.3	31.1 93.2
227	54.0	32.5 97.5

