

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037784.D
 Acq On : 18 Sep 2023 18:23
 Operator : JC/MD
 Sample : 04475-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 19 07:24:35 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)

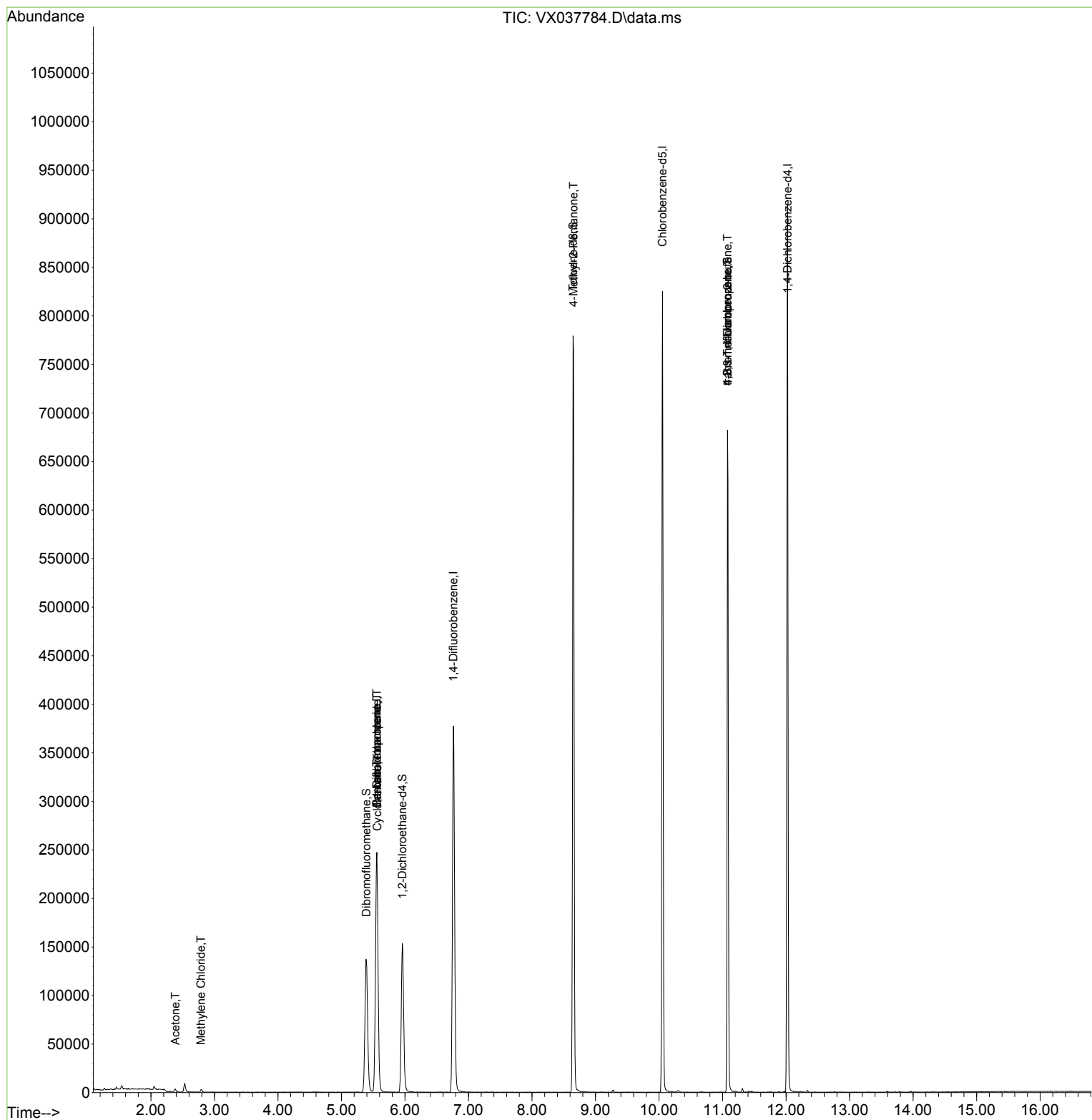
Internal Standards						
1) Pentafluorobenzene	5.556	168	235596	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	394430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145268	46.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.860%
35) Dibromofluoromethane	5.391	113	122540	46.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	483523	49.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	181749	51.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3286	2.207	ug/l	94
20) Methylene Chloride	2.788	84	1295	0.445	ug/l	# 75
31) Cyclohexane	5.562	56	4731	1.191	ug/l	# 5
36) 1,1-Dichloropropene	5.556	75	17469	4.805	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23869	6.275	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2012	0.496	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	92843	20.385	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	92843	65.300	ug/l	# 5

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

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Response via : Initial Calibration

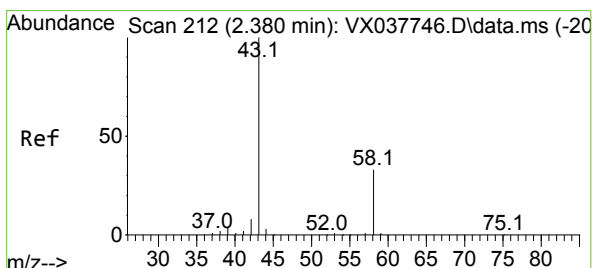
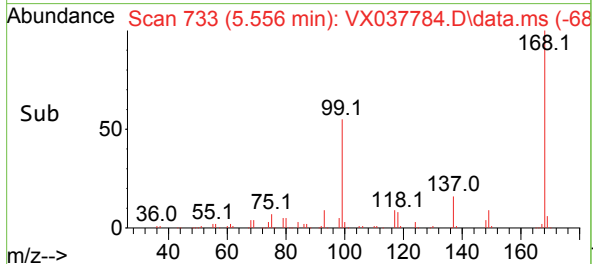
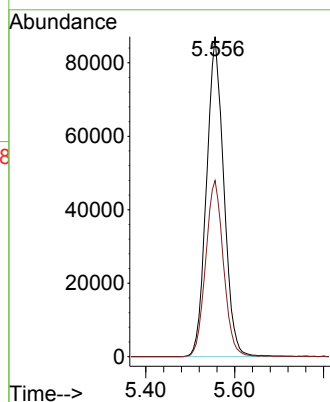
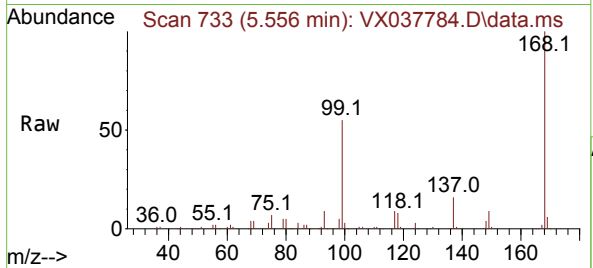




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

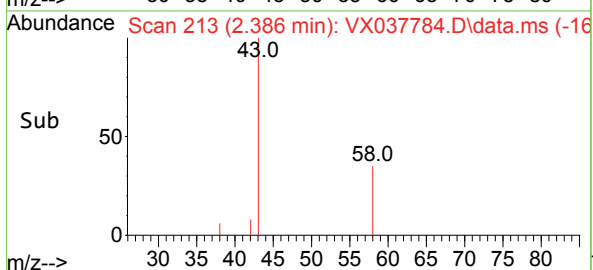
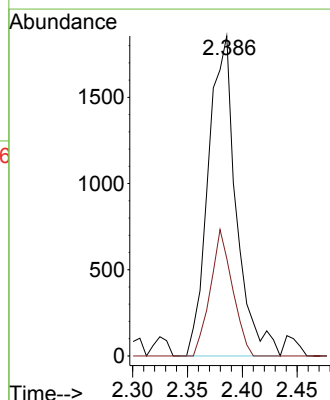
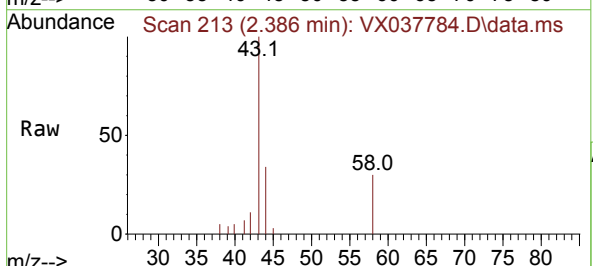
Instrument :
MSVOA_X
ClientSampleId :

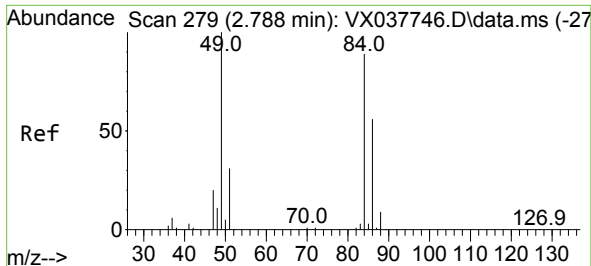
Tgt Ion:168 Resp: 235596
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#16
Acetone
Concen: 2.207 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

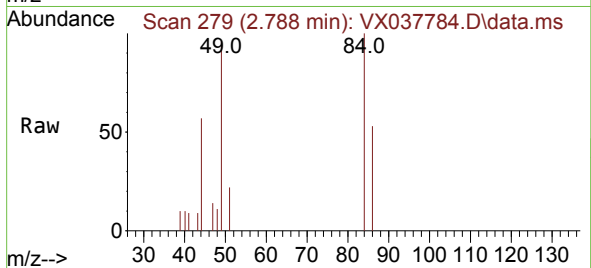
Tgt Ion: 43 Resp: 3286
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



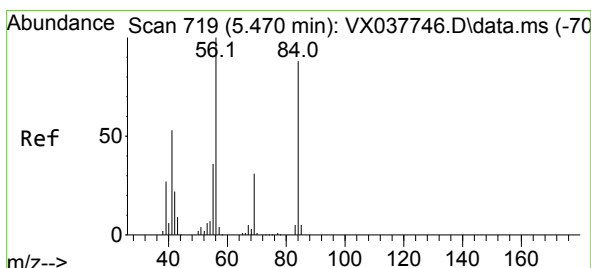
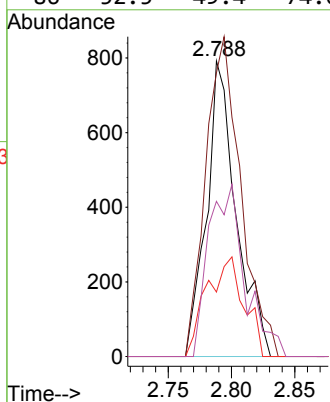


#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

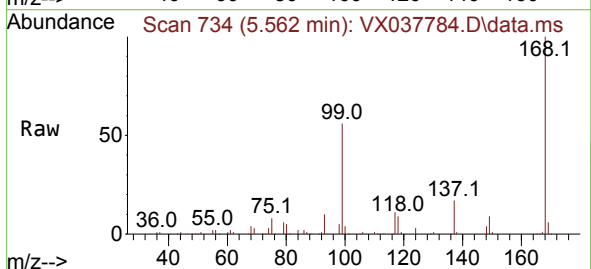
Instrument :
MSVOA_X
ClientSampleId :



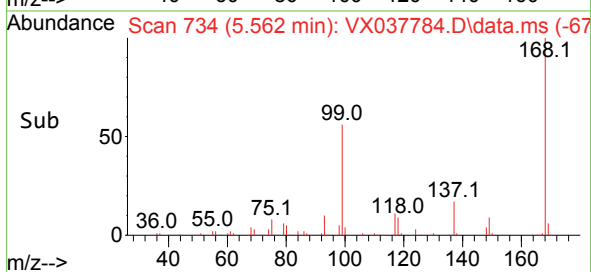
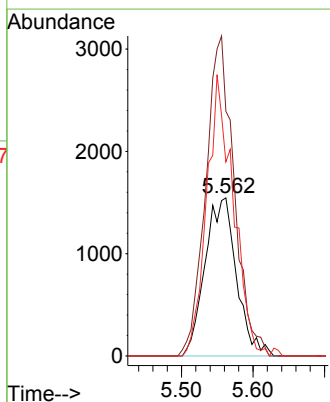
Tgt Ion:	84	Resp:	1295
Ion	Ratio	Lower	Upper
84	100		
49	96.0	103.6	155.4#
51	21.8	33.8	50.6#
86	52.5	49.4	74.0

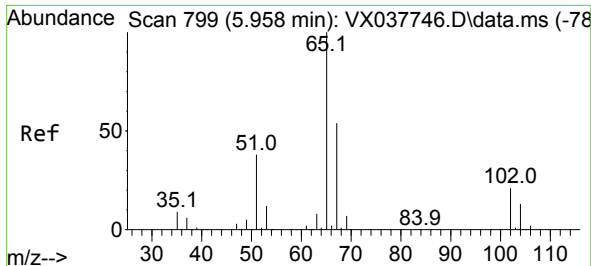


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23



Tgt Ion:	56	Resp:	4731
Ion	Ratio	Lower	Upper
56	100		
69	154.8	23.4	35.2#
84	122.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.931 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037784.D

Acq: 18 Sep 2023 18:23

Instrument :

MSVOA_X

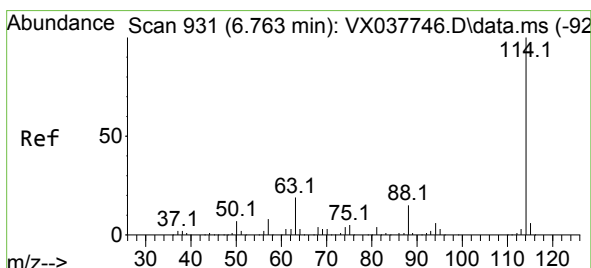
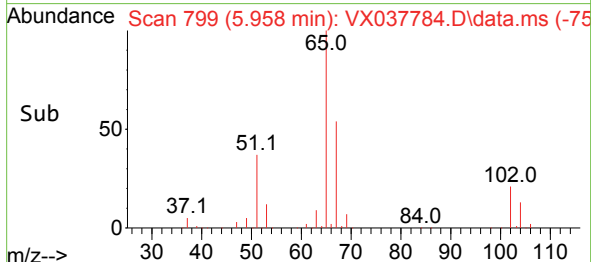
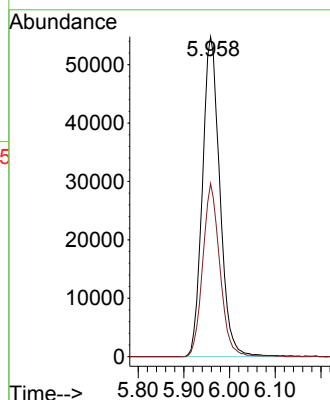
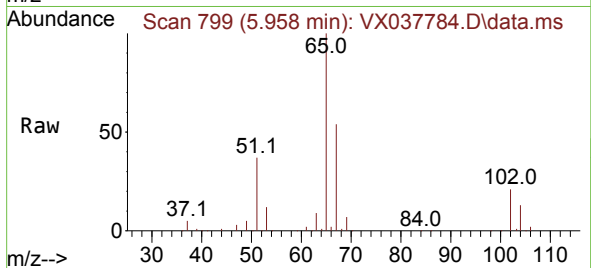
ClientSampleId :

Tgt Ion: 65 Resp: 145268

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037784.D

Acq: 18 Sep 2023 18:23

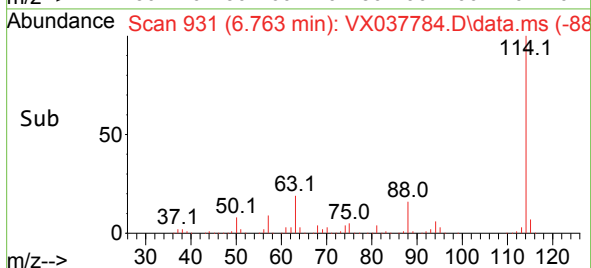
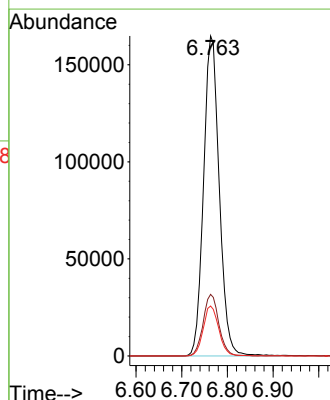
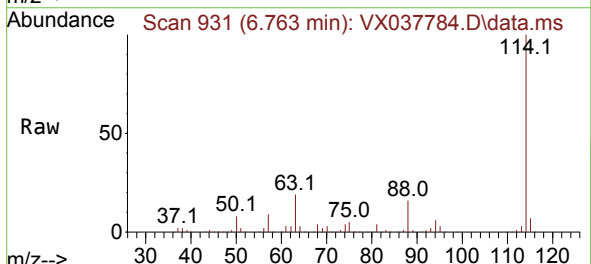
Tgt Ion: 114 Resp: 394430

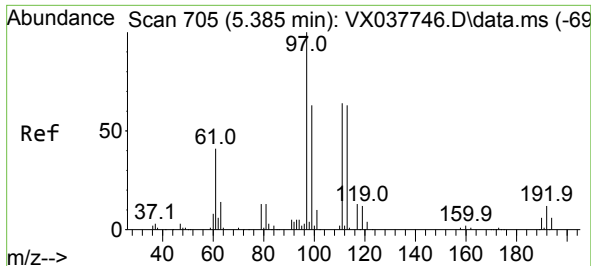
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

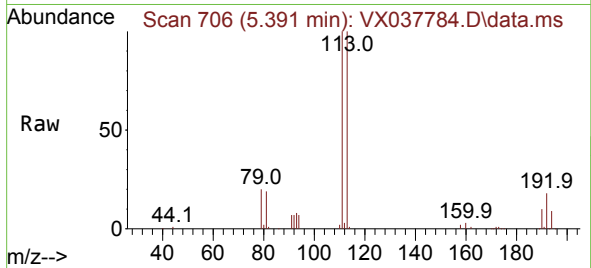
88 15.6 0.0 36.6



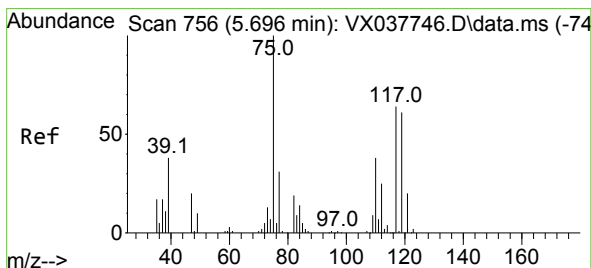
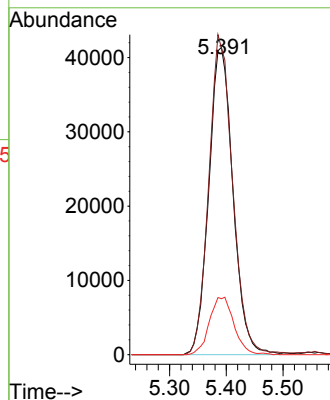
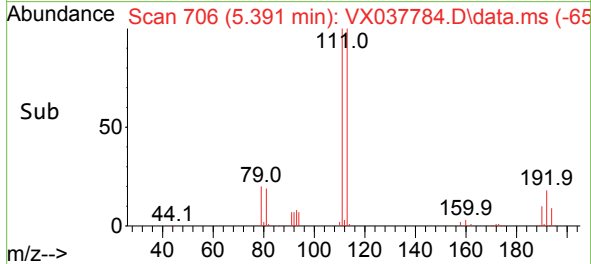


#35
Dibromofluoromethane
Concen: 46.432 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

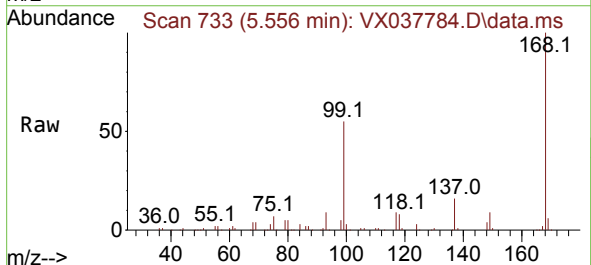
Instrument :
MSVOA_X
ClientSampleId :



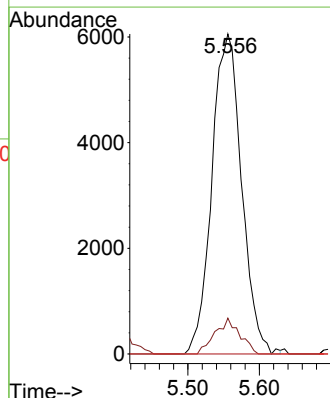
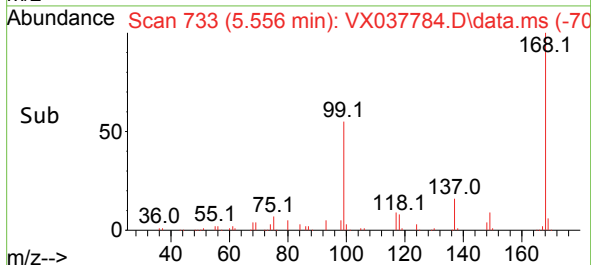
Tgt Ion:113 Resp: 122540
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.1 13.3 19.9

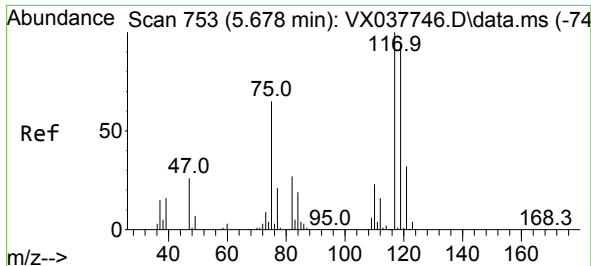


#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23



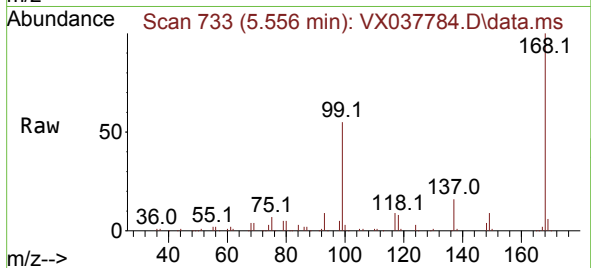
Tgt Ion: 75 Resp: 17469
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



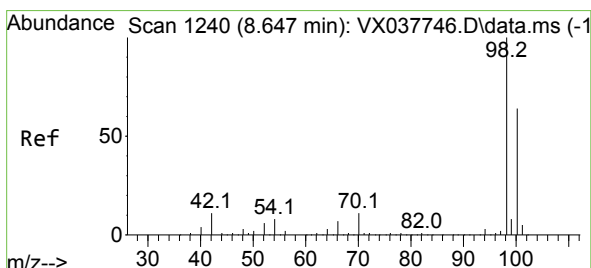
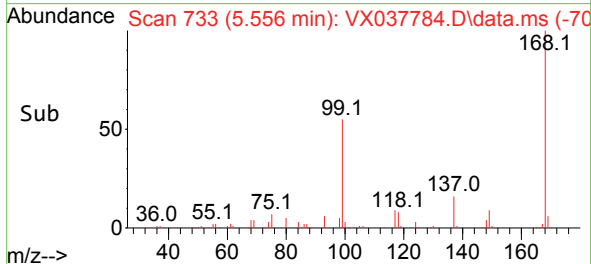
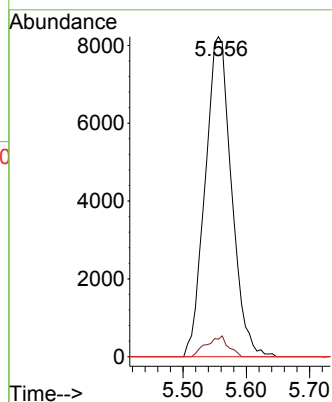


#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :

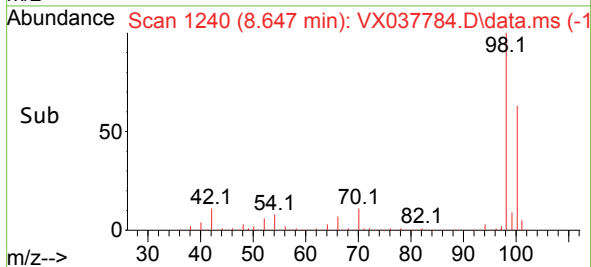
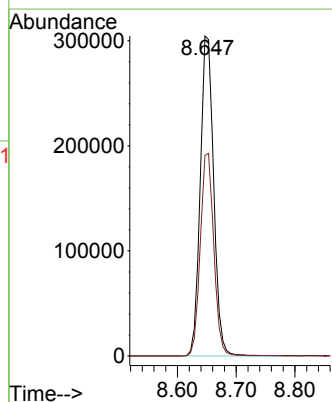
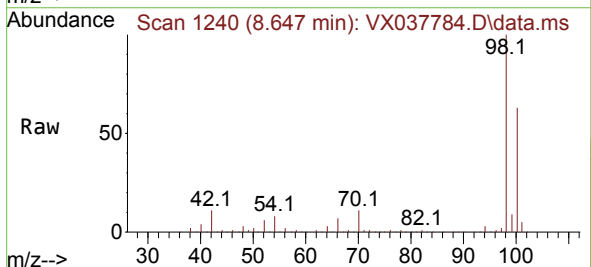


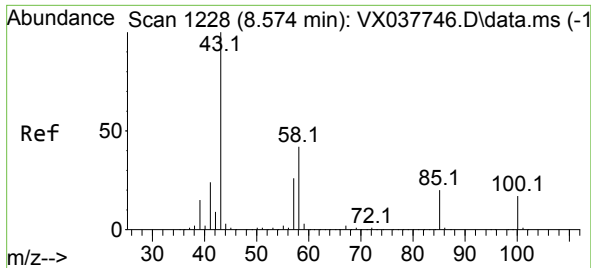
Tgt Ion:117 Resp: 23869
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.308 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Tgt Ion: 98 Resp: 483523
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

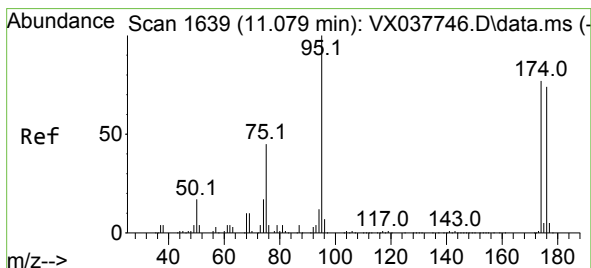
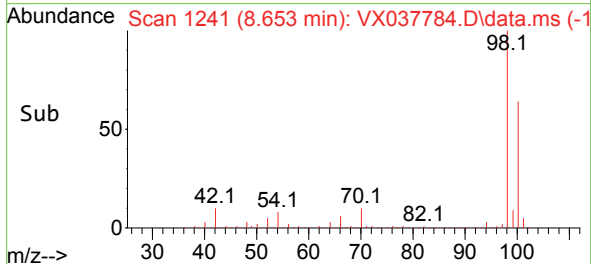
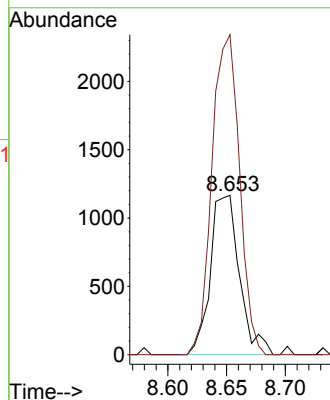
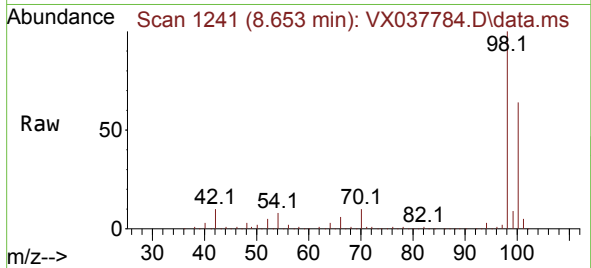




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

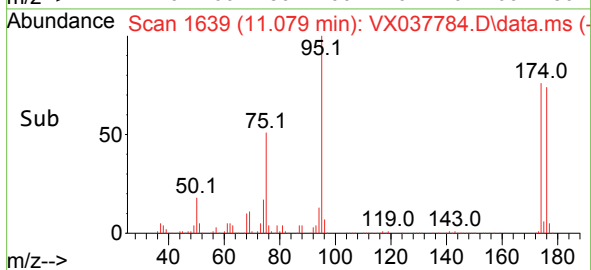
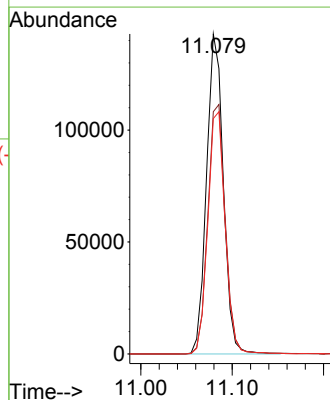
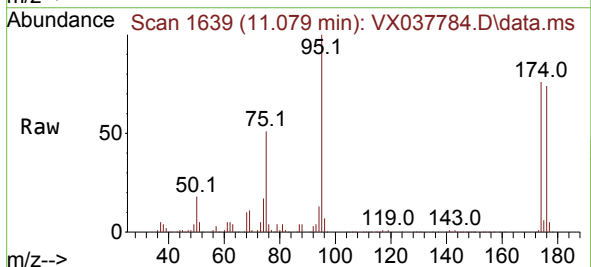
Instrument :
MSVOA_X
ClientSampleId :

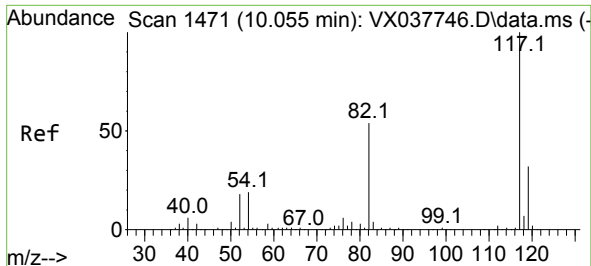
Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
58 190.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Tgt Ion: 95 Resp: 181749
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 78.4 0.0 131.0

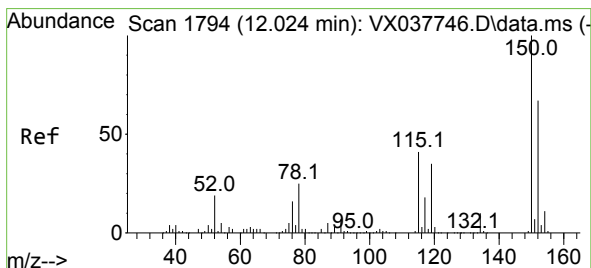
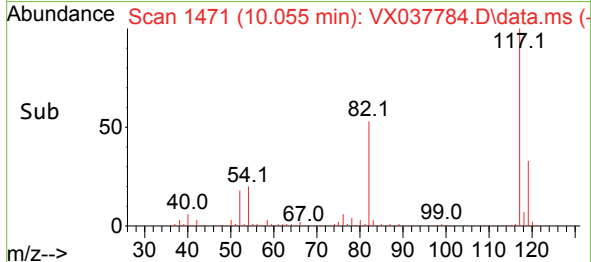
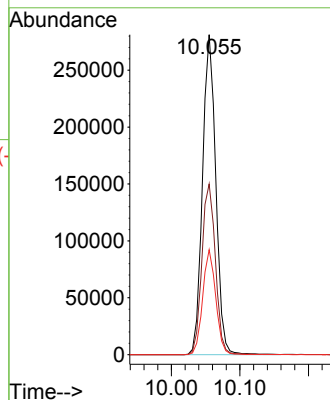
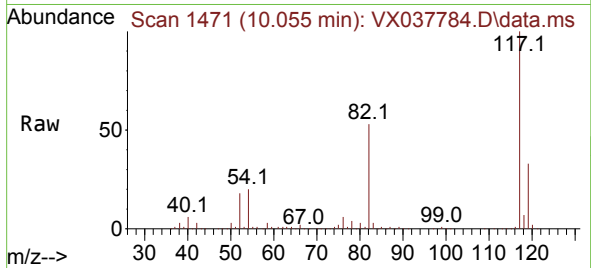




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

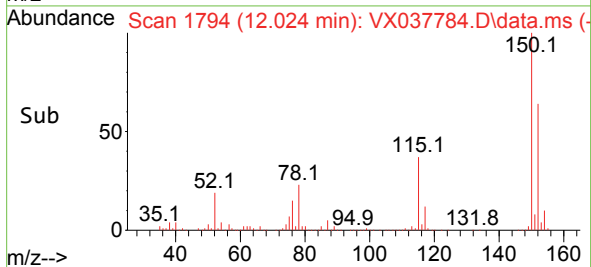
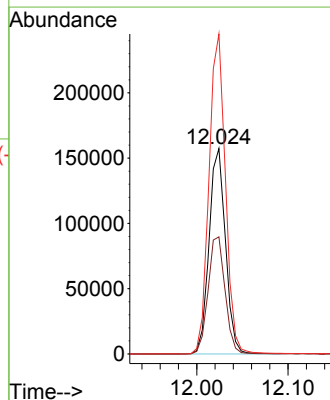
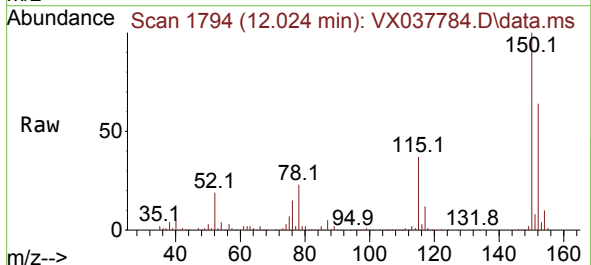
Instrument :
MSVOA_X
ClientSampleId :

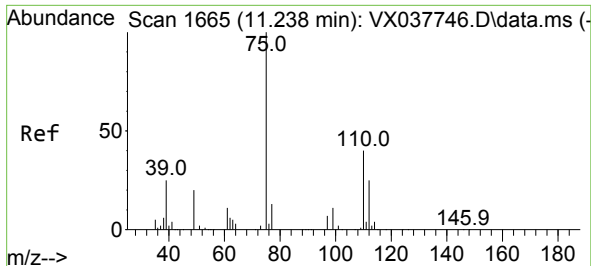
Tgt Ion:117 Resp: 380528
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Tgt Ion:152 Resp: 196919
Ion Ratio Lower Upper
152 100
115 59.0 43.3 129.9
150 156.3 0.0 345.0

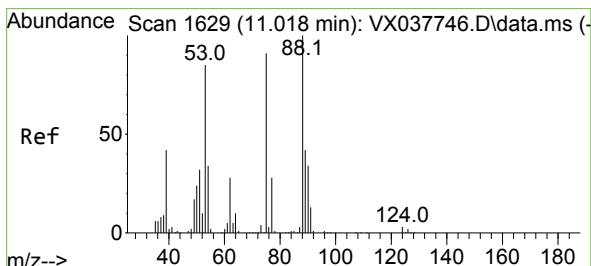
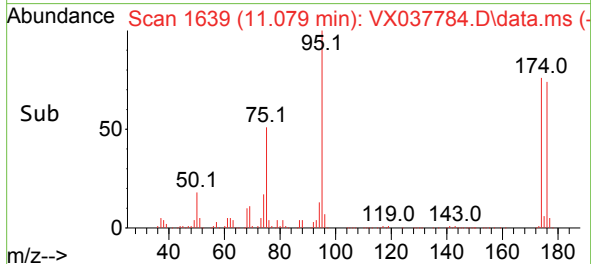
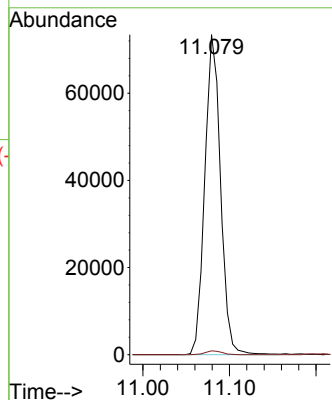
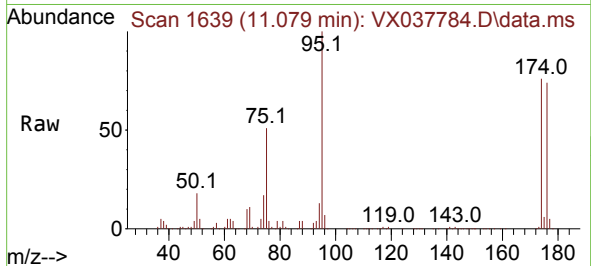




#76
1,2,3-Trichloropropane
Concen: 20.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 92843
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037784.D
Acq: 18 Sep 2023 18:23

Tgt Ion: 75 Resp: 92843
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

