

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036936.D
 Acq On : 11 Aug 2023 13:15
 Operator : JC/MD
 Sample : 03980-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 22:57:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

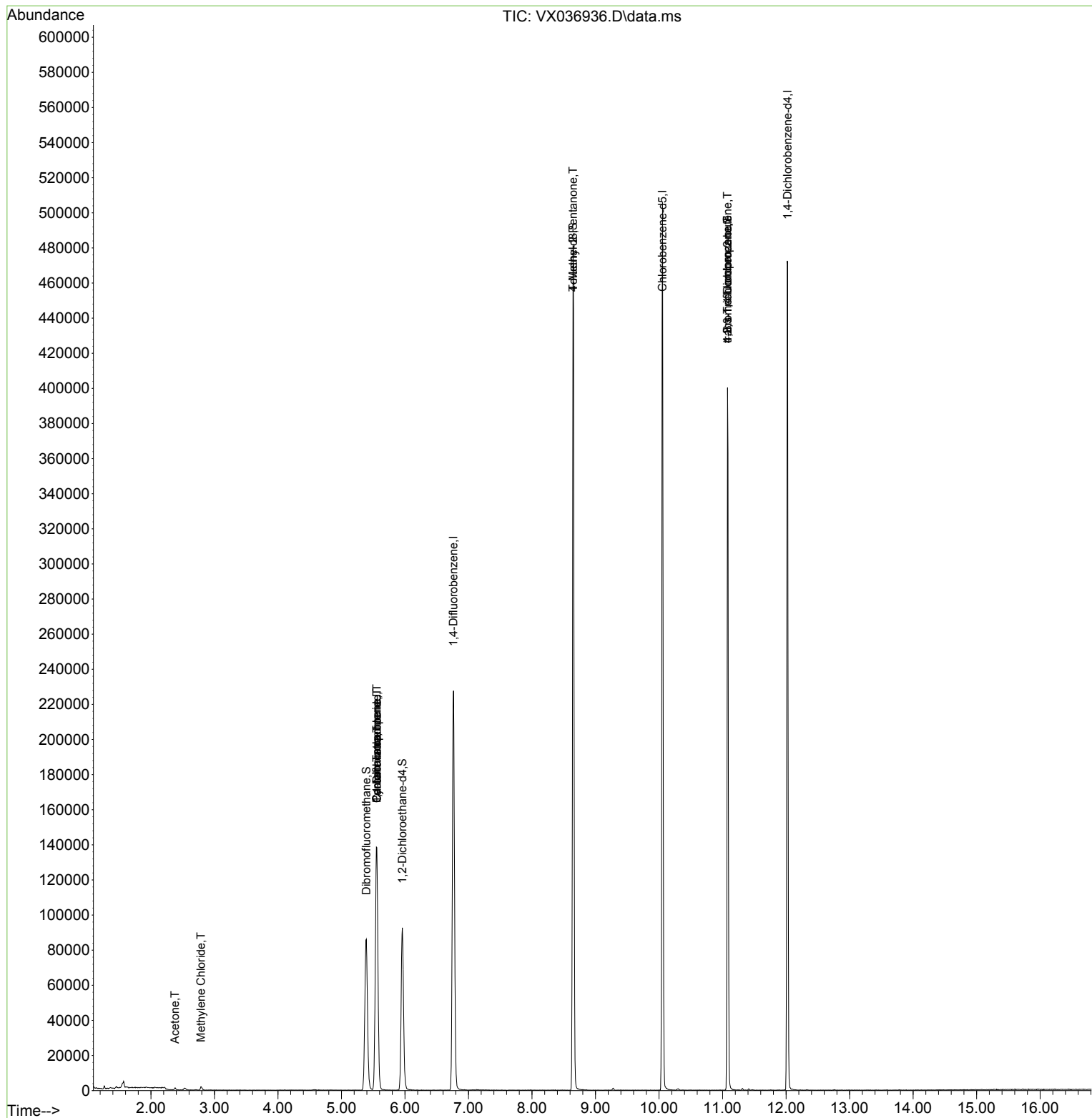
Internal Standards						
1) Pentafluorobenzene	5.556	168	128811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91161	47.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.391	113	75515	46.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	282404	48.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	110041	50.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1036	1.310	ug/l	94
20) Methylene Chloride	2.788	84	962	0.547	ug/l	94
31) Cyclohexane	5.556	56	2943	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10432	4.306	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13954	5.417	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1211	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57026	24.379	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57026	55.257	ug/l #	5

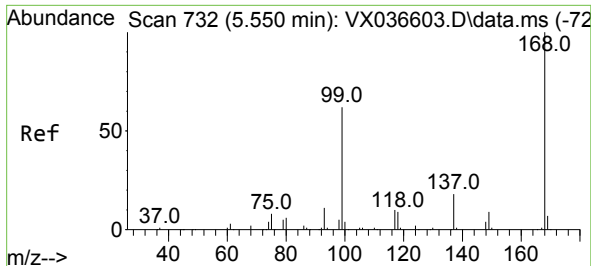
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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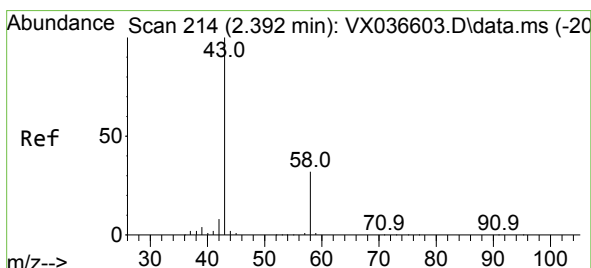
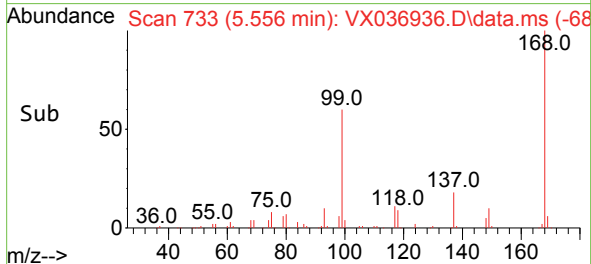
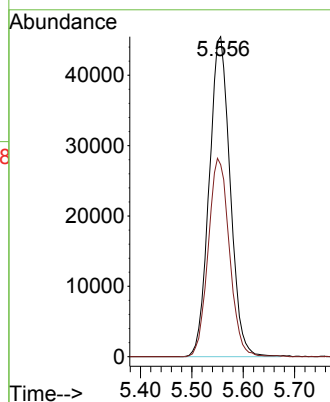
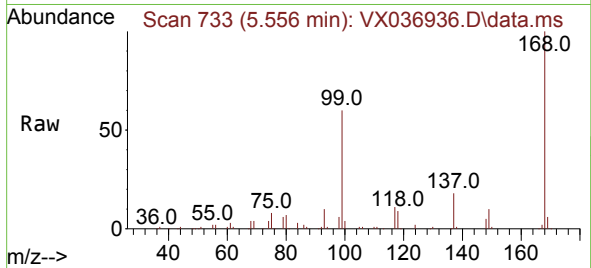




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

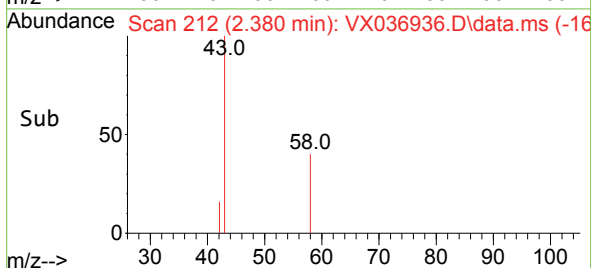
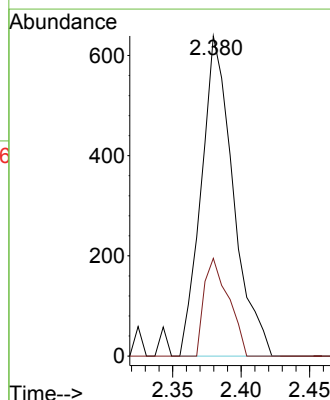
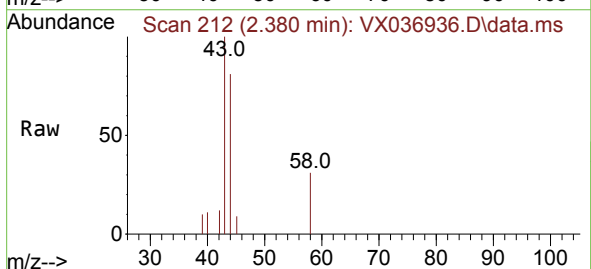
Instrument :
MSVOA_X
ClientSampleId :

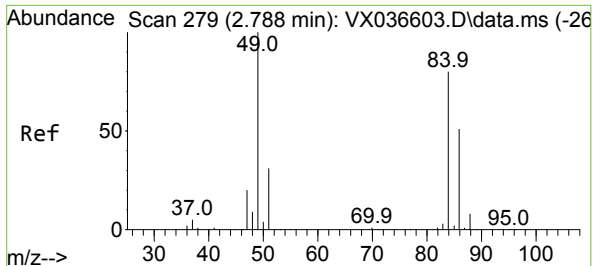
Tgt Ion:168 Resp: 128811
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#16
Acetone
Concen: 1.310 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

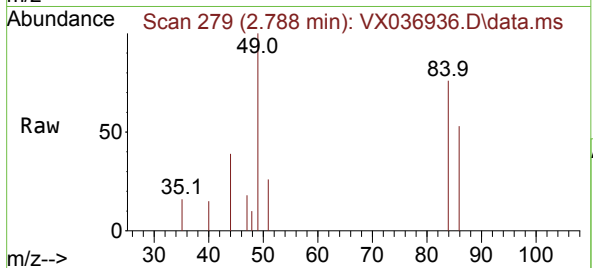
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



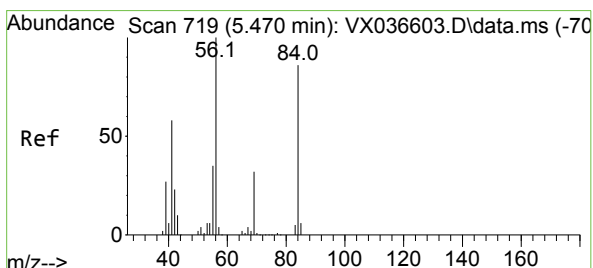
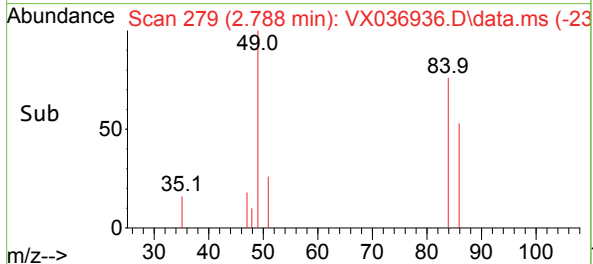
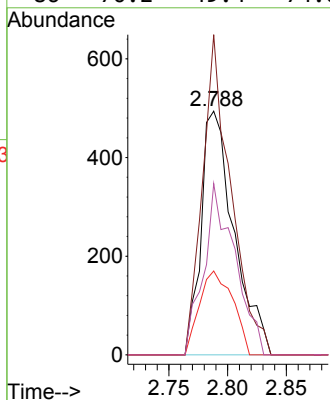


#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

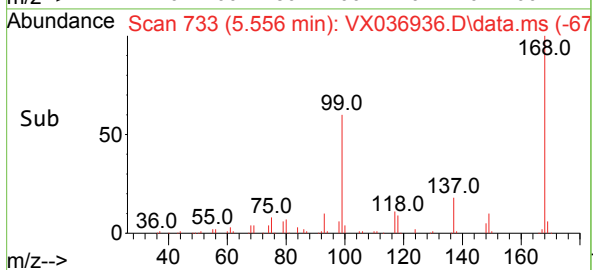
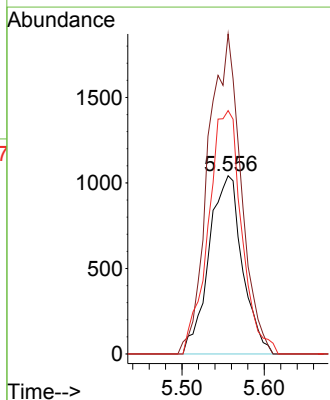
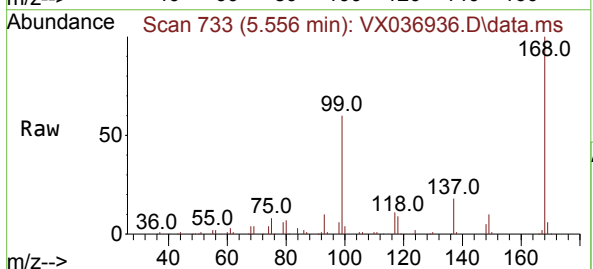


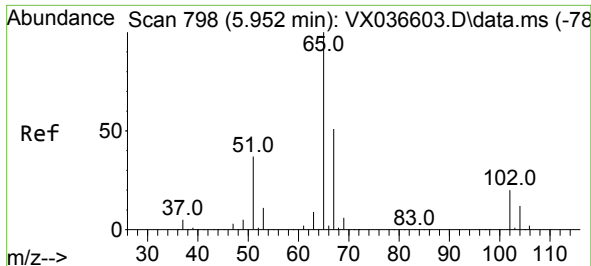
Tgt Ion:	84	Resp:	962
Ion	Ratio	Lower	Upper
84	100		
49	131.4	103.6	155.4
51	34.4	33.8	50.6
86	70.2	49.4	74.0



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Tgt Ion:	56	Resp:	2943
Ion	Ratio	Lower	Upper
56	100		
69	179.6	23.4	35.2#
84	136.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.830 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036936.D

Acq: 11 Aug 2023 13:15

Instrument :

MSVOA_X

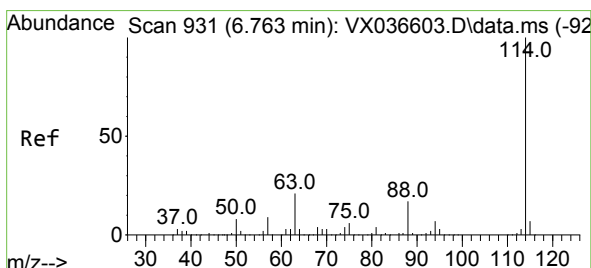
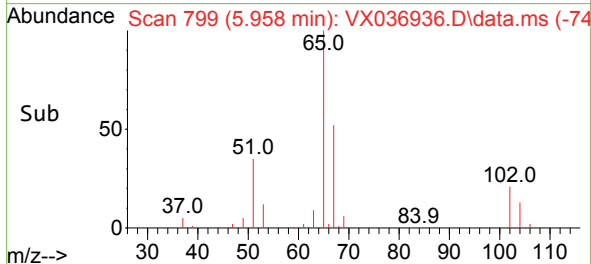
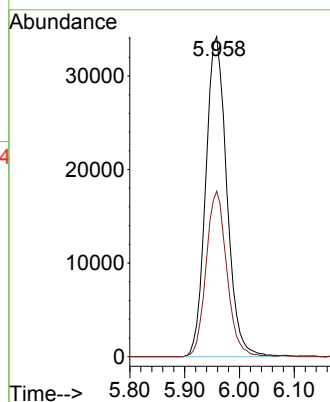
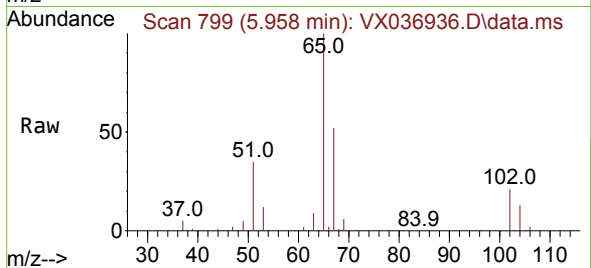
ClientSampleId :

Tgt Ion: 65 Resp: 91161

Ion Ratio Lower Upper

65 100

67 50.8 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: VX036936.D

Acq: 11 Aug 2023 13:15

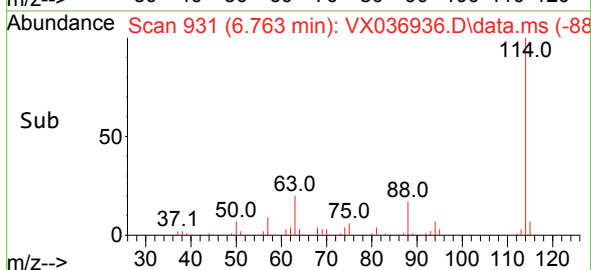
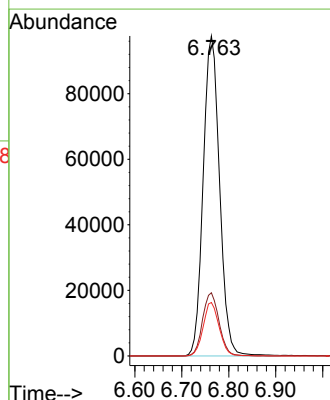
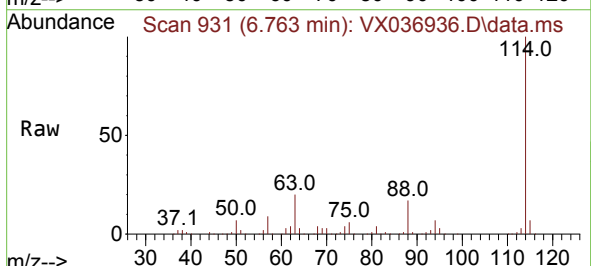
Tgt Ion: 114 Resp: 236494

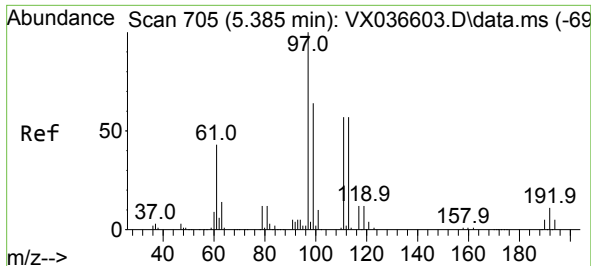
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

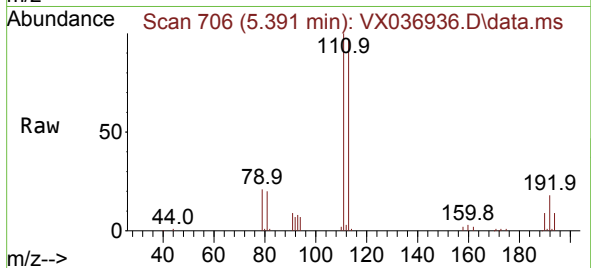
88 16.7 0.0 36.6



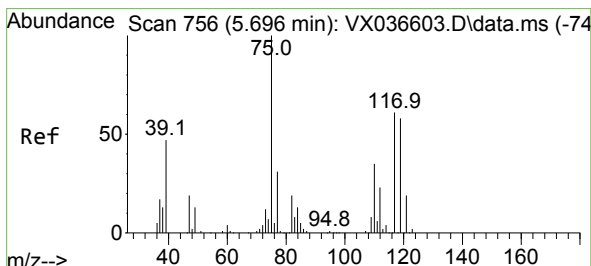
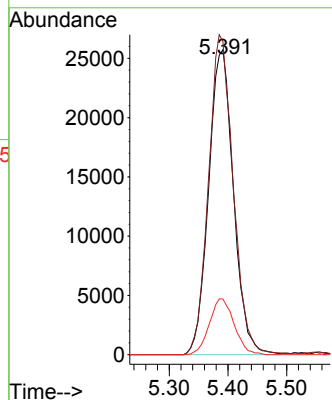
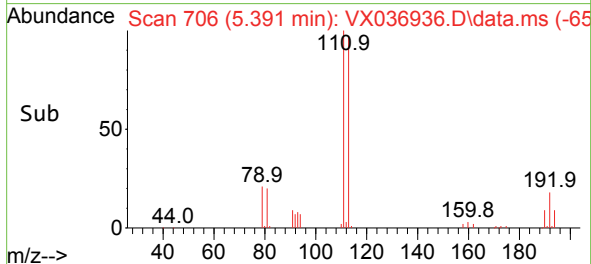


#35
 Dibromofluoromethane
 Concen: 46.456 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX036936.D
 Acq: 11 Aug 2023 13:15

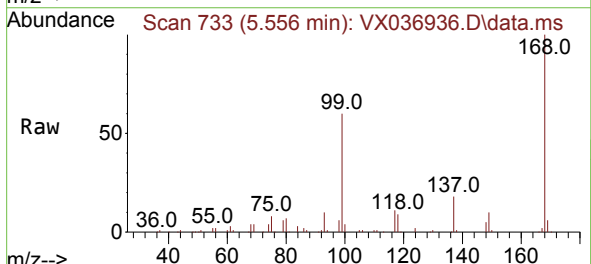
Instrument :
 MSVOA_X
 ClientSampleId :



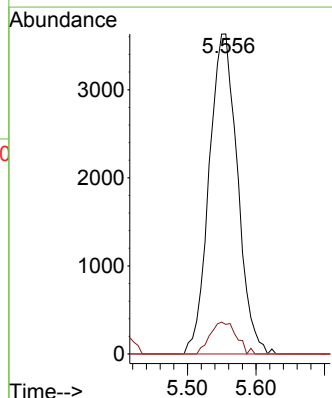
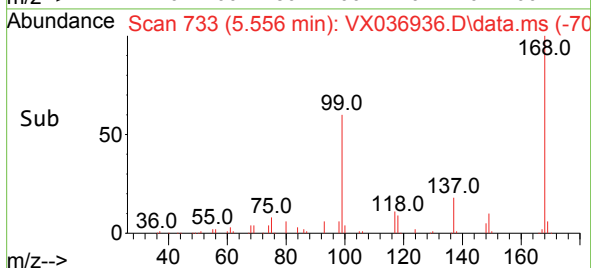
Tgt Ion:113 Resp: 75515
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 18.3 13.3 19.9

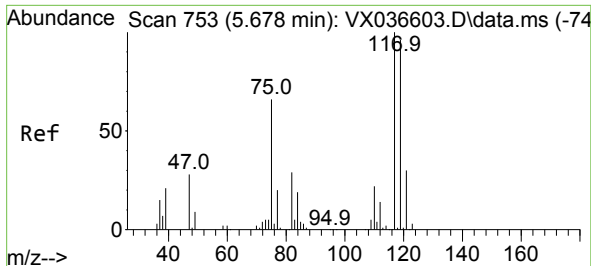


#36
 1,1-Dichloropropene
 Concen: 4.306 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX036936.D
 Acq: 11 Aug 2023 13:15



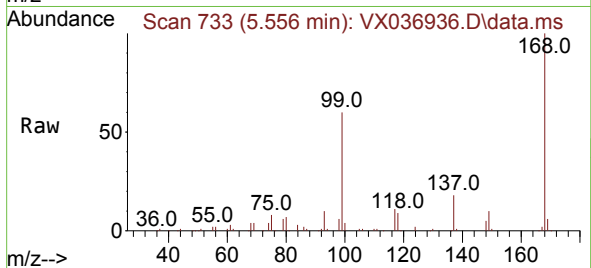
Tgt Ion: 75 Resp: 10432
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



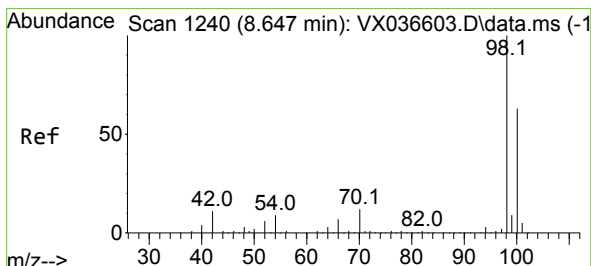
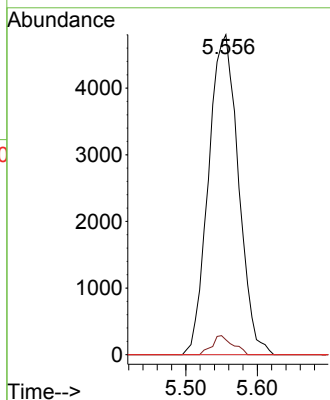
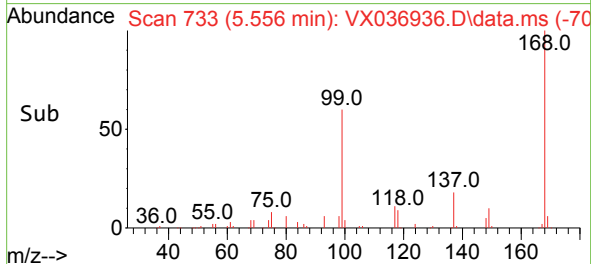


#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

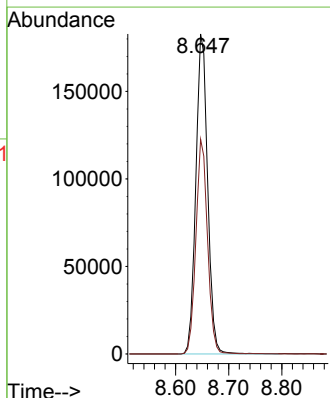
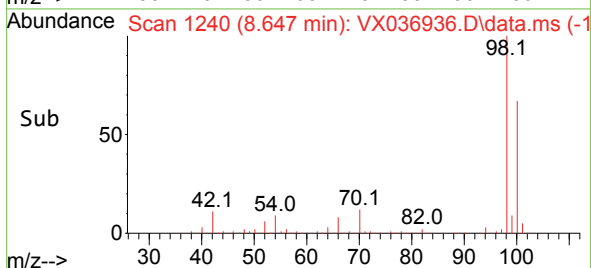
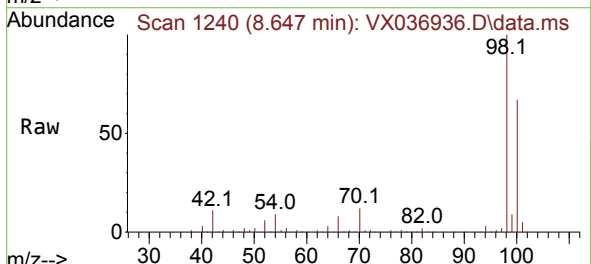


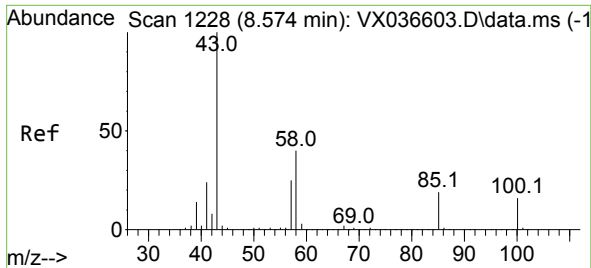
Tgt Ion:117 Resp: 13954
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Tgt Ion: 98 Resp: 282404
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

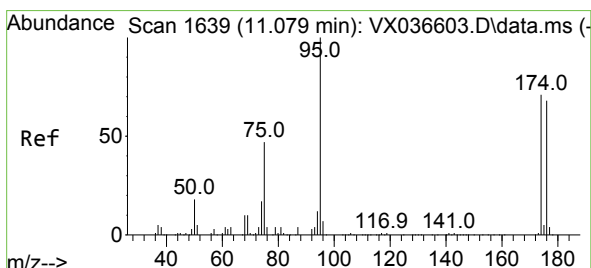
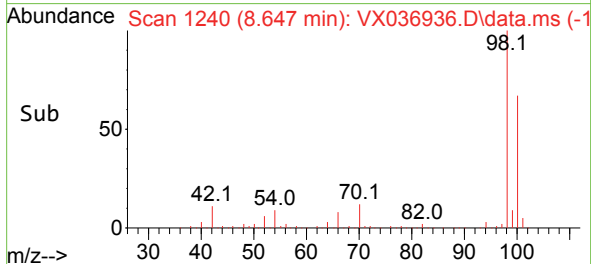
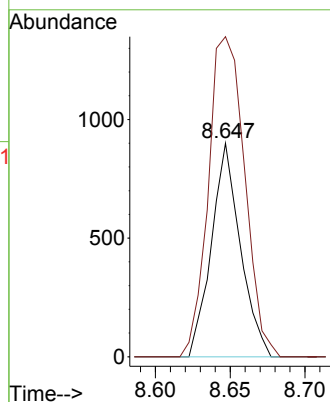
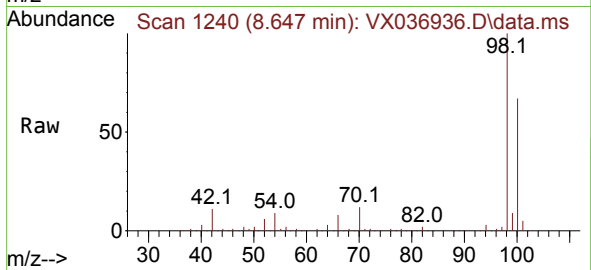




#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

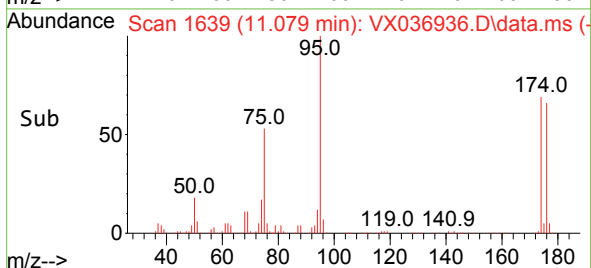
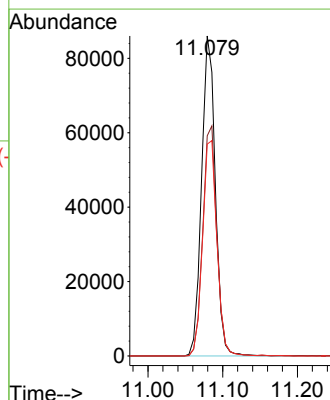
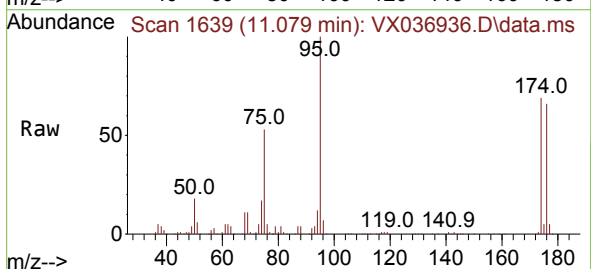
Instrument :
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ClientSampleId :

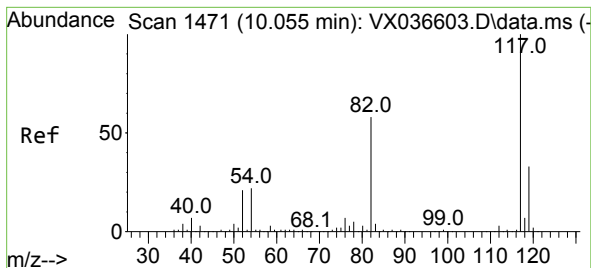
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 188.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Tgt Ion: 95 Resp: 110041
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.3 0.0 131.0

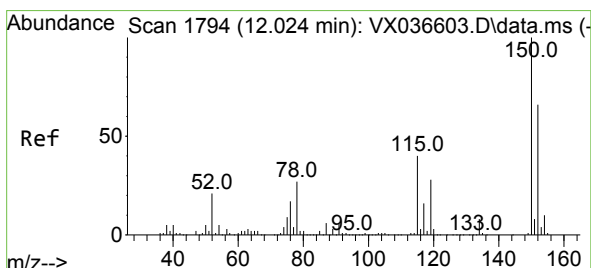
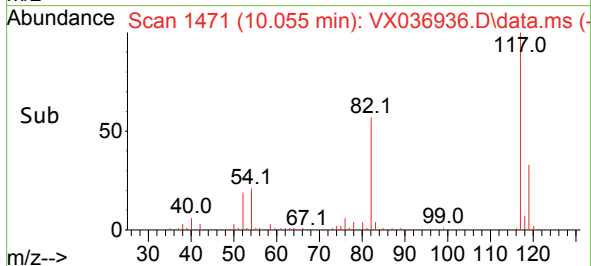
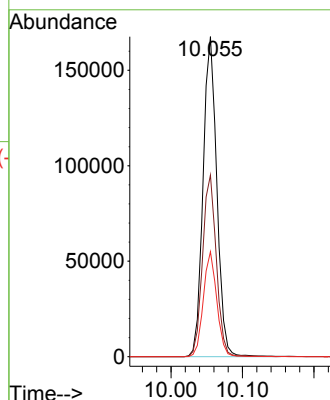
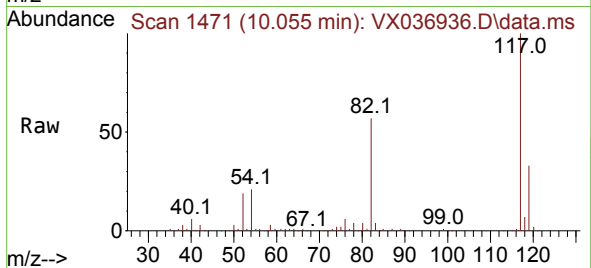




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

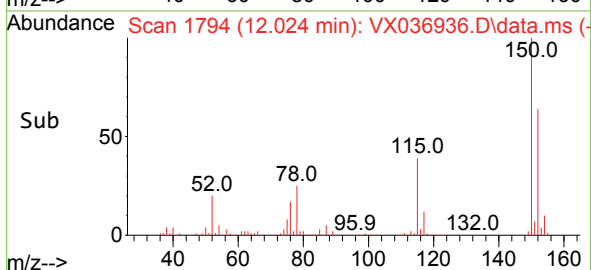
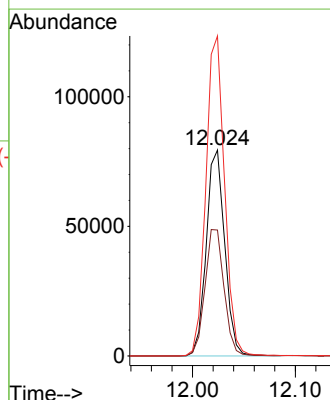
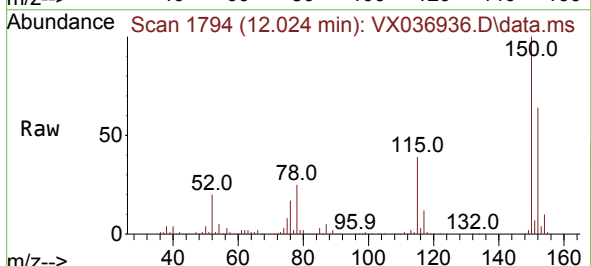
Instrument :
MSVOA_X
ClientSampleId :

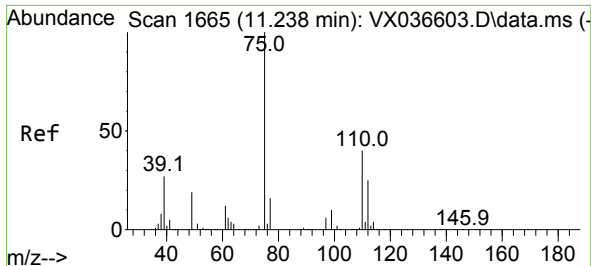
Tgt Ion:117 Resp: 224035
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Tgt Ion:152 Resp: 99448
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 157.2 0.0 345.0

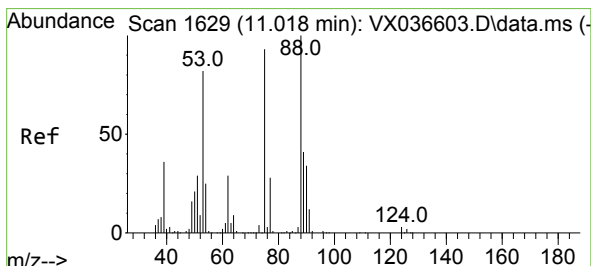
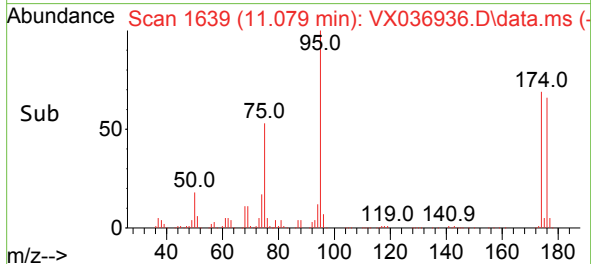
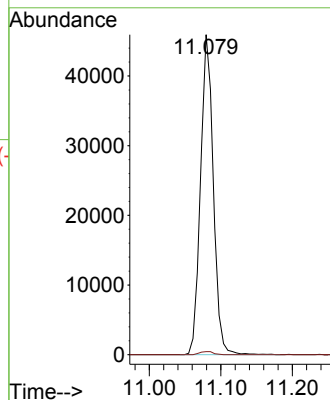
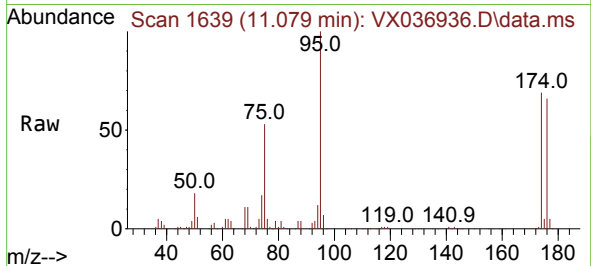




#76
1,2,3-Trichloropropane
Concen: 24.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57026
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036936.D
Acq: 11 Aug 2023 13:15

Tgt Ion: 75 Resp: 57026
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

