

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036938.D
 Acq On : 11 Aug 2023 14:03
 Operator : JC/MD
 Sample : 03980-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 22:58:28 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)

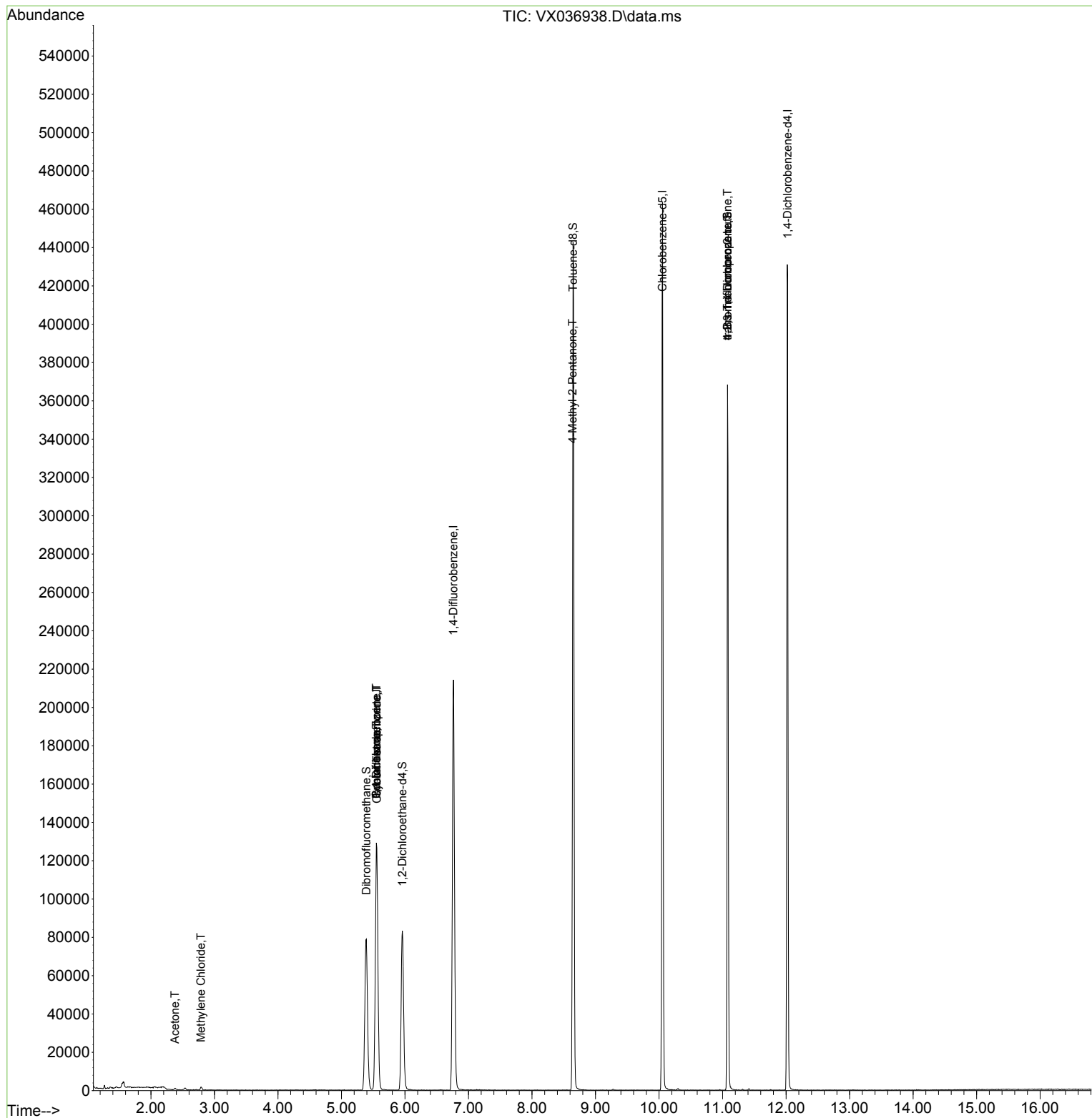
Internal Standards						
1) Pentafluorobenzene	5.550	168	118541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84401	48.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.391	113	70627	47.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	262249	49.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	100592	50.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.740%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	984	1.352	ug/l #	85
20) Methylene Chloride	2.788	84	851	0.526	ug/l #	72
31) Cyclohexane	5.550	56	2671	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9581	4.307	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12814	5.418	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1135	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52646	24.403	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52646	55.310	ug/l #	5

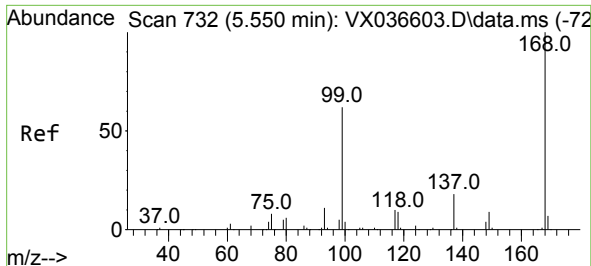
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

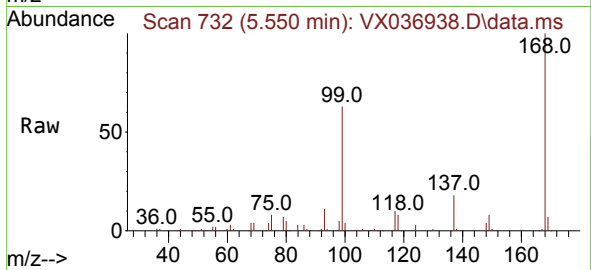
Quant Time: Aug 11 22:58:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



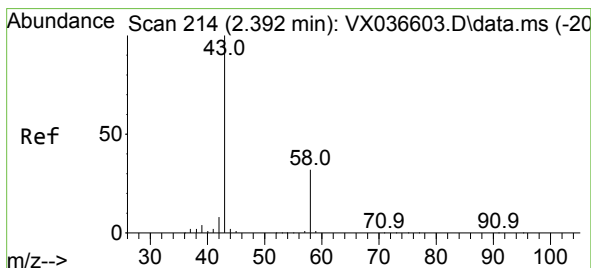
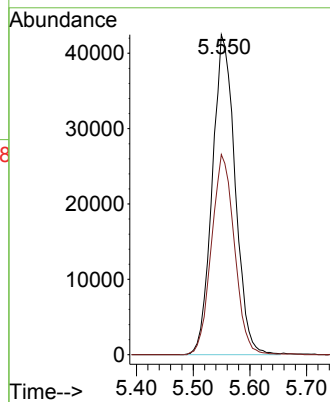
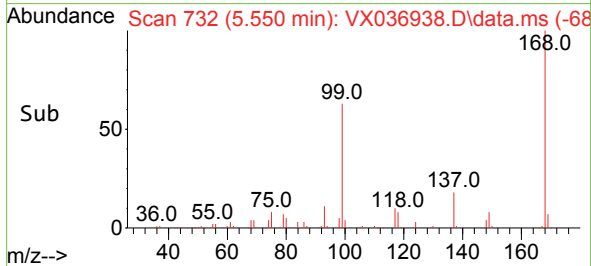


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

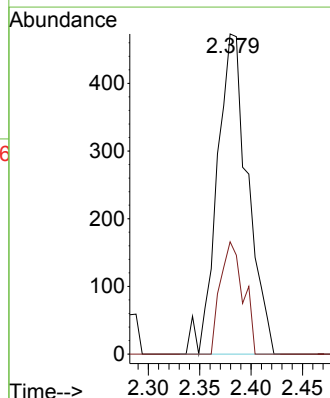
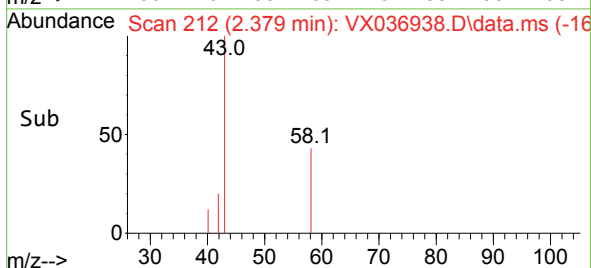
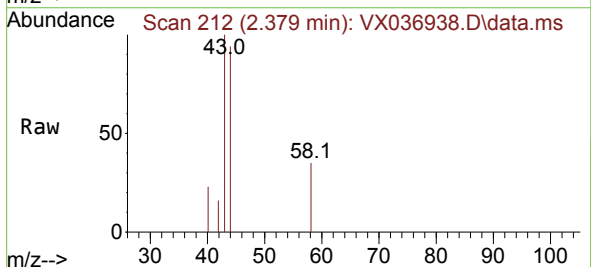


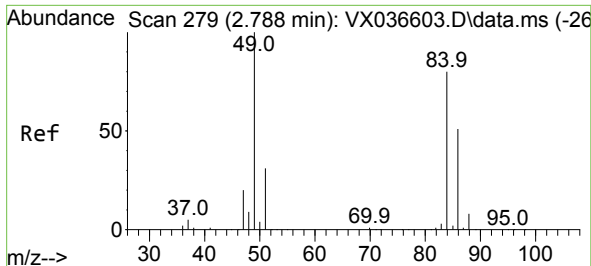
Tgt Ion:168 Resp: 118541
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#16
Acetone
Concen: 1.352 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

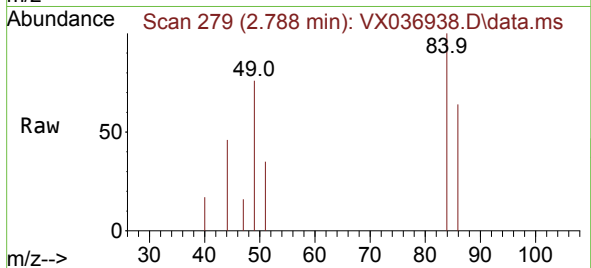
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



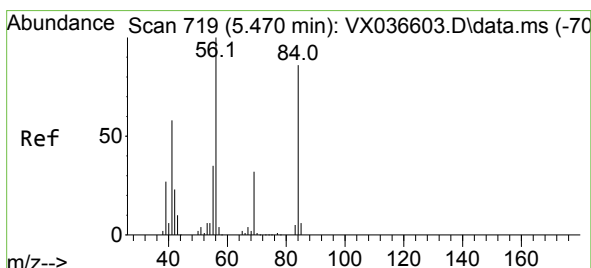
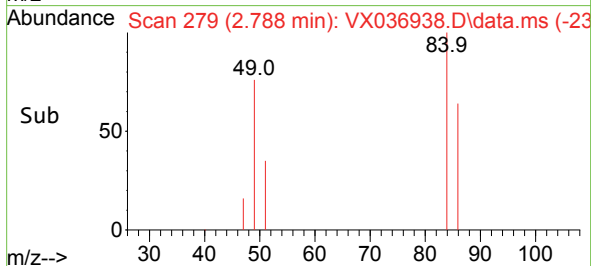
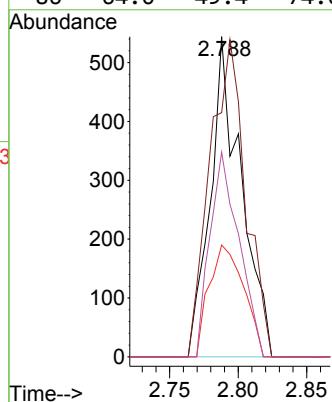


#20
Methylene Chloride
Concen: 0.526 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

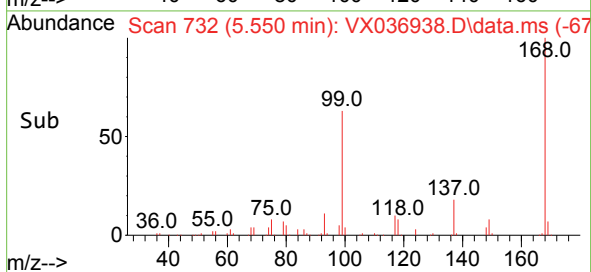
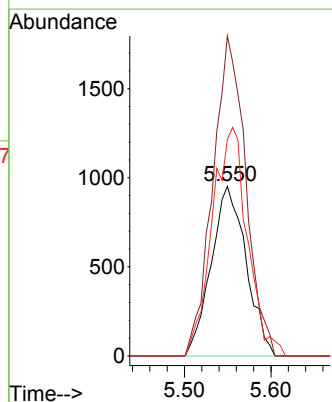
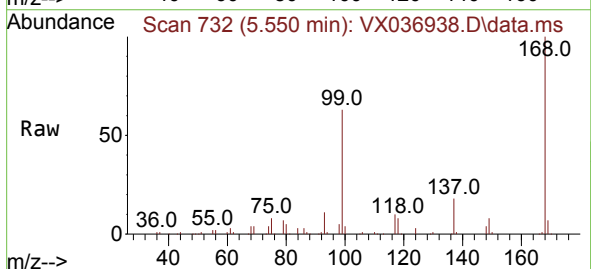


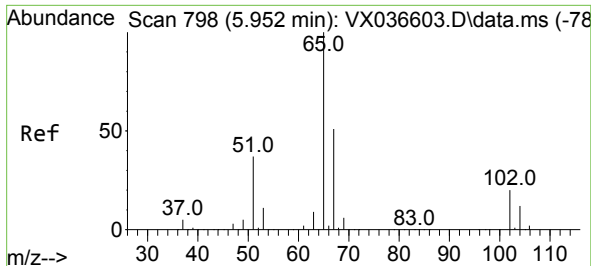
Tgt Ion:	84	Resp:	851
Ion	Ratio	Lower	Upper
84	100		
49	76.3	103.6	155.4#
51	34.9	33.8	50.6
86	64.0	49.4	74.0



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Tgt Ion:	56	Resp:	2671
Ion	Ratio	Lower	Upper
56	100		
69	188.7	23.4	35.2#
84	127.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.119 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036938.D

Acq: 11 Aug 2023 14:03

Instrument :

MSVOA_X

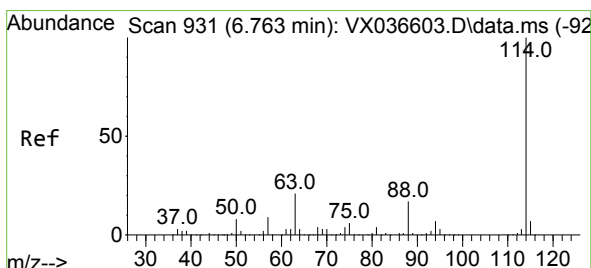
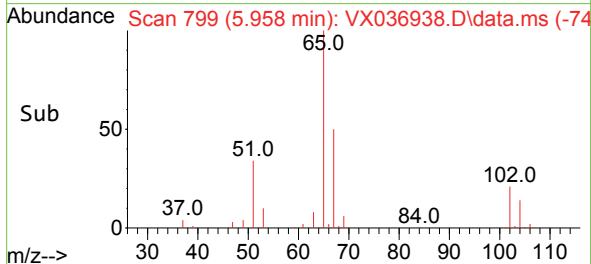
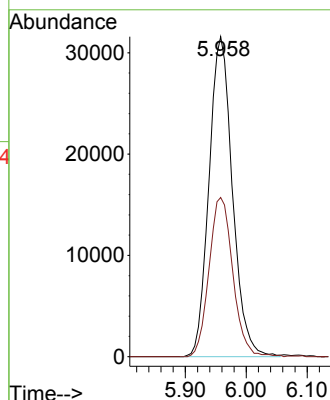
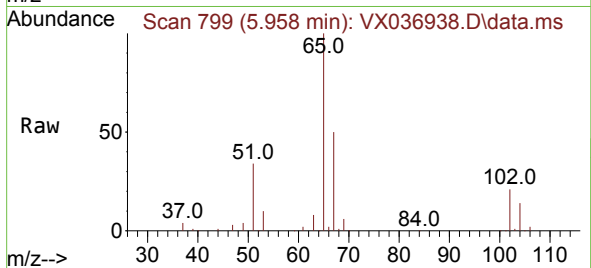
ClientSampleId :

Tgt Ion: 65 Resp: 84401

Ion Ratio Lower Upper

65 100

67 50.5 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: VX036938.D

Acq: 11 Aug 2023 14:03

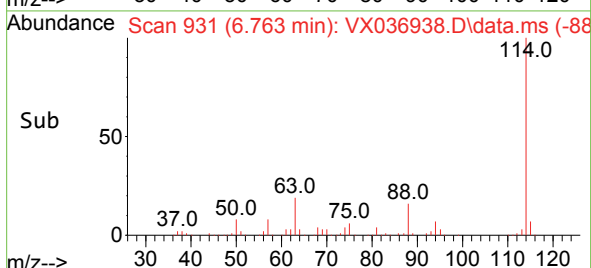
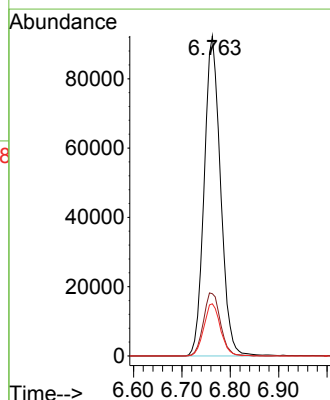
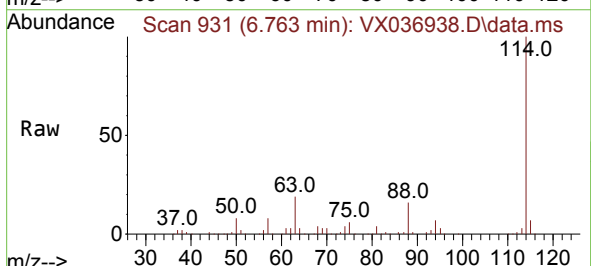
Tgt Ion: 114 Resp: 217146

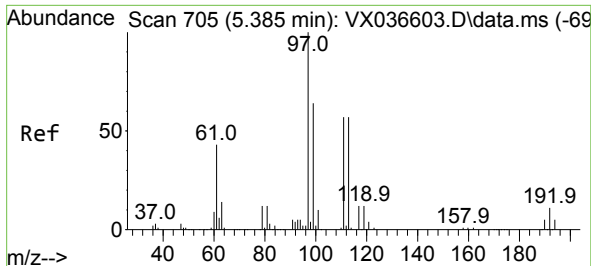
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

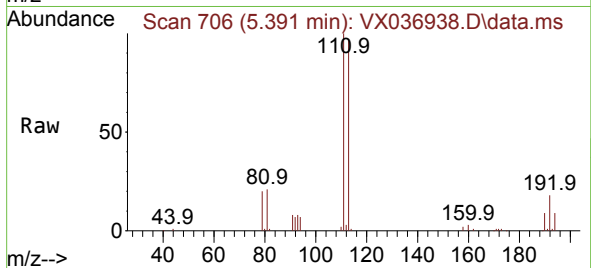
88 16.3 0.0 36.6



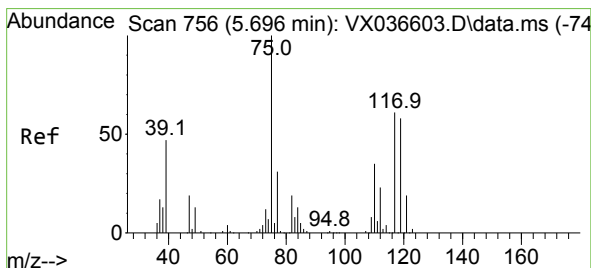
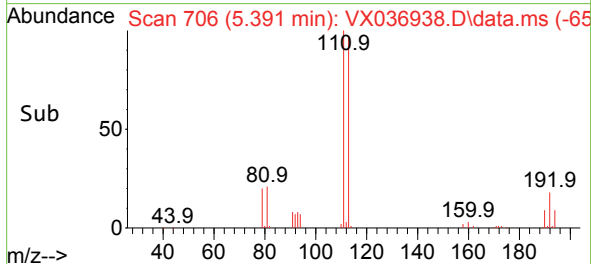
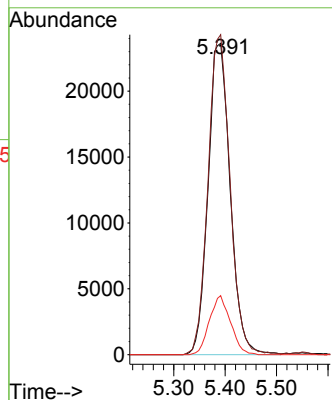


#35
Dibromofluoromethane
Concen: 47.320 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

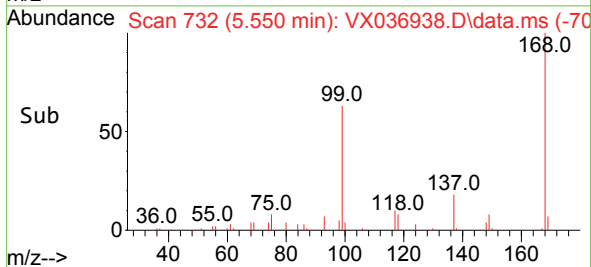
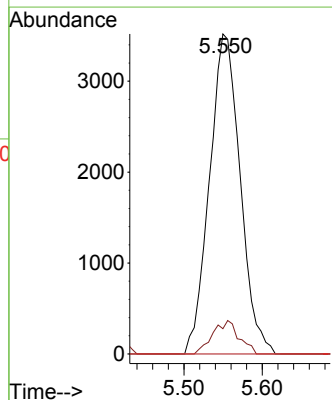
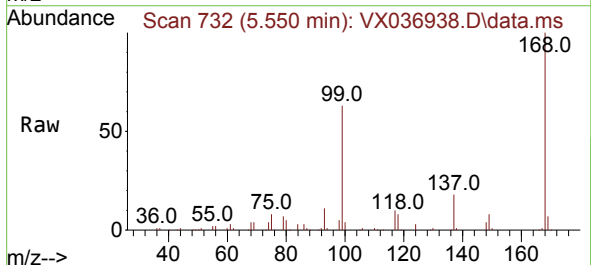


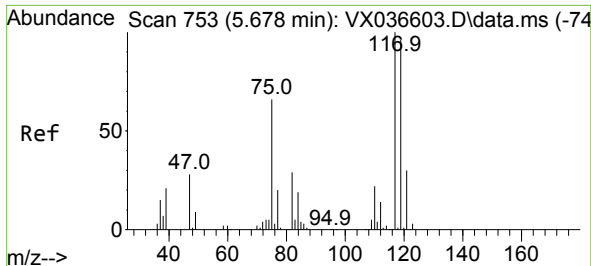
Tgt Ion:113 Resp: 70627
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

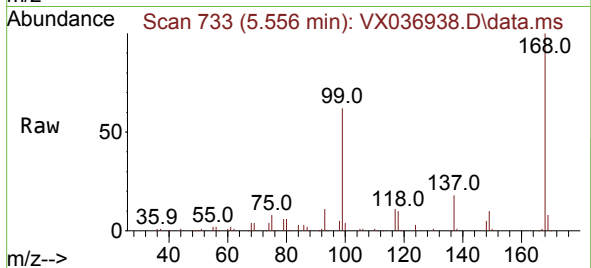
Tgt Ion: 75 Resp: 9581
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



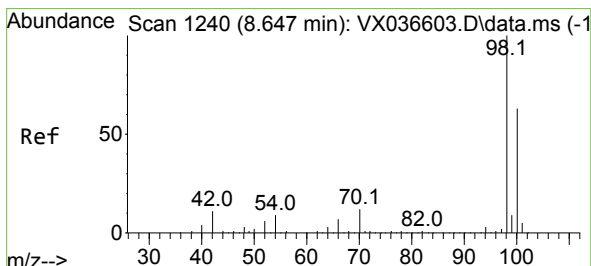
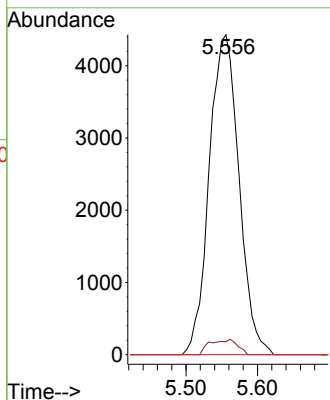
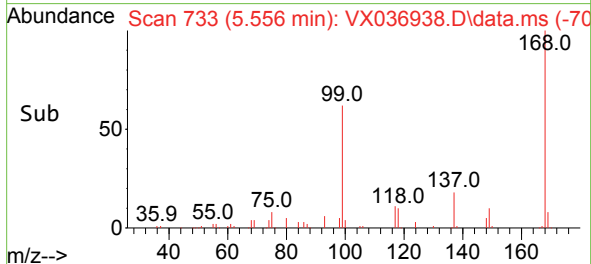


#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

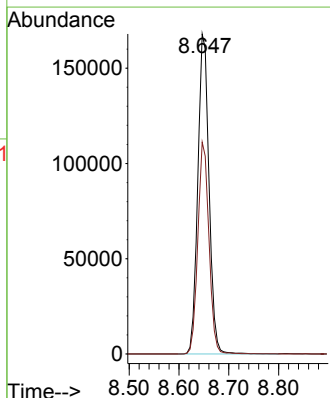
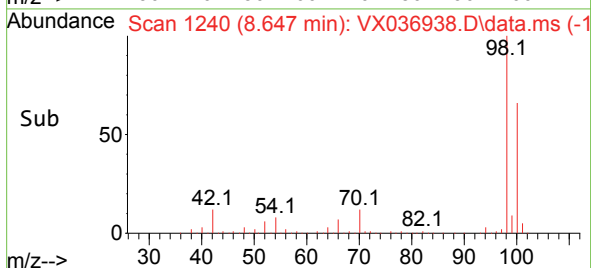
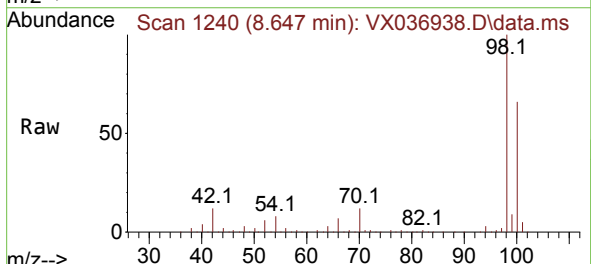


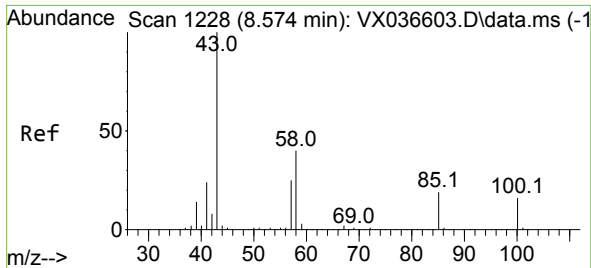
Tgt Ion:117 Resp: 12814
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Tgt Ion: 98 Resp: 262249
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

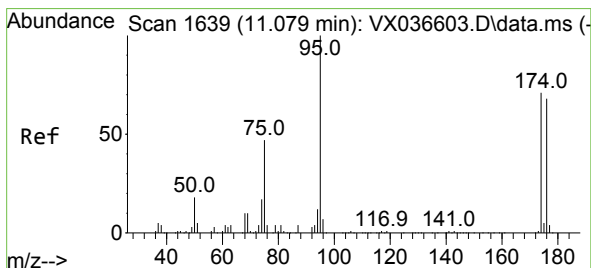
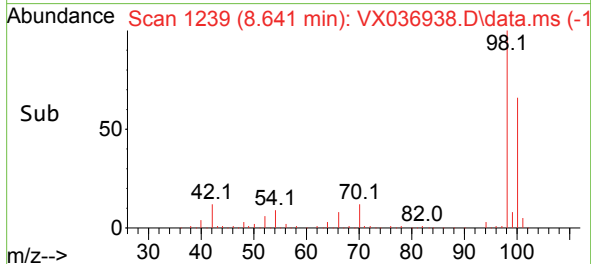
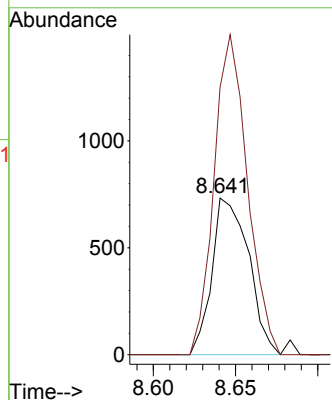
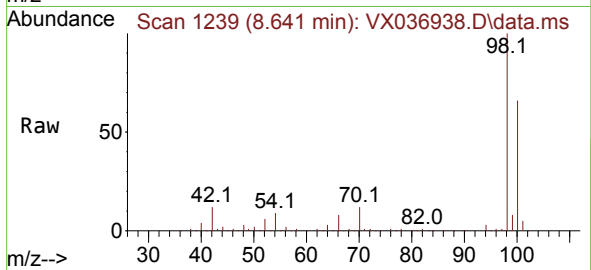




#51
 4-Methyl-2-Pentanone
 Concen: 0.473 ug/l
 RT: 8.641 min Scan# 1135
 Delta R.T. 0.067 min
 Lab File: VX036938.D
 Acq: 11 Aug 2023 14:03

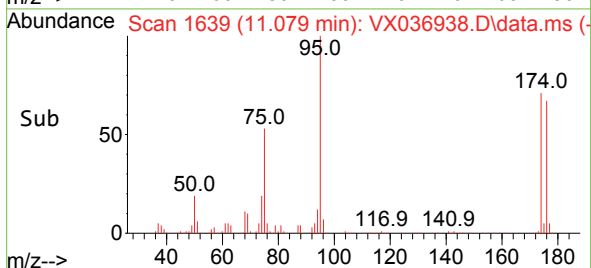
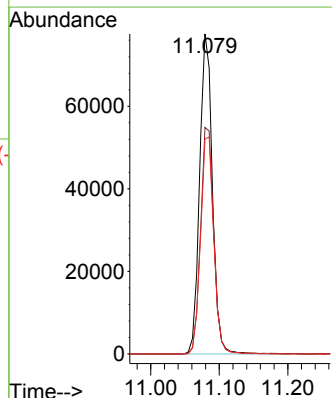
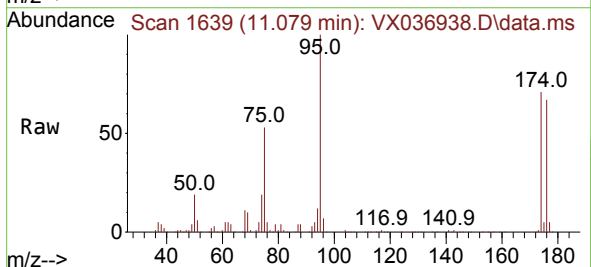
Instrument :
 MSVOA_X
 ClientSampleId :

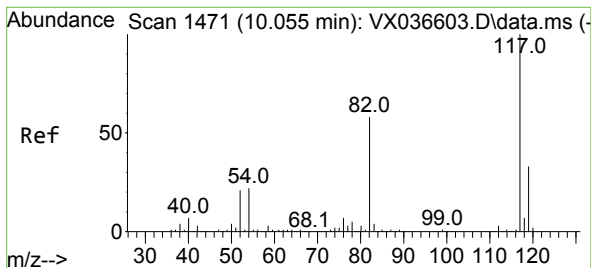
Tgt Ion: 43 Resp: 1135
 Ion Ratio Lower Upper
 43 100
 58 186.4 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 50.374 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX036938.D
 Acq: 11 Aug 2023 14:03

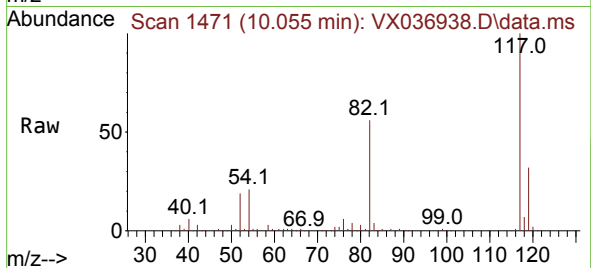
Tgt Ion: 95 Resp: 100592
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 135.6
 176 70.1 0.0 131.0



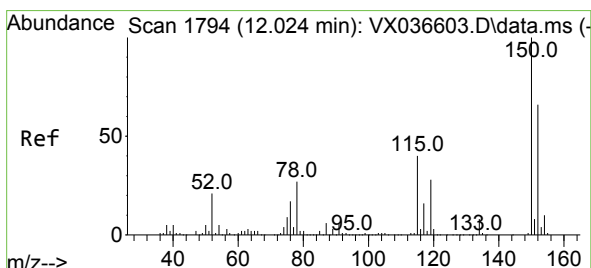
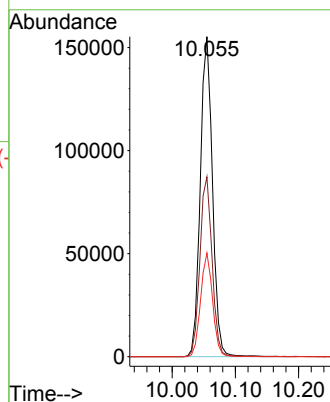
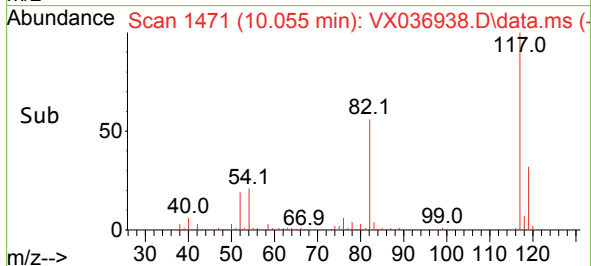


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

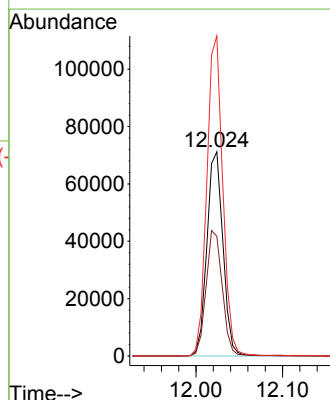
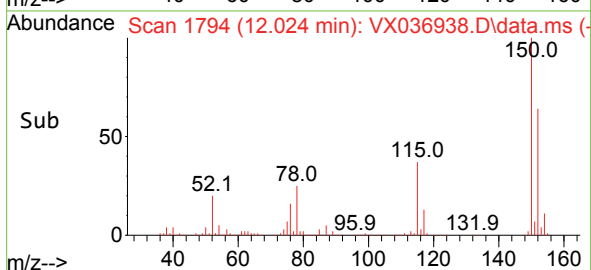
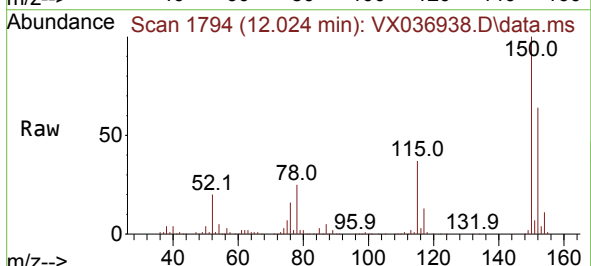


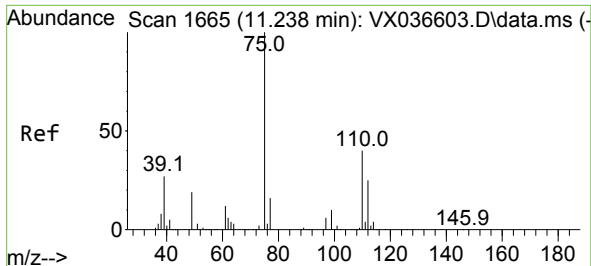
Tgt Ion:117 Resp: 208104
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Tgt Ion:152 Resp: 91721
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 155.0 0.0 345.0

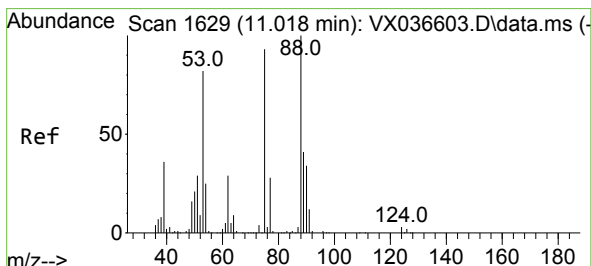
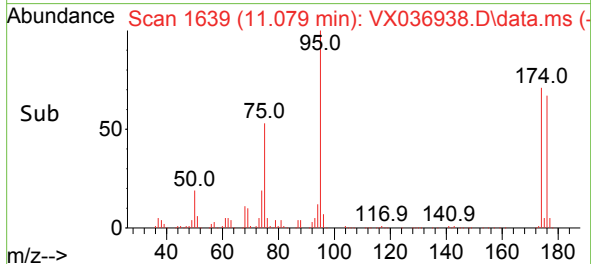
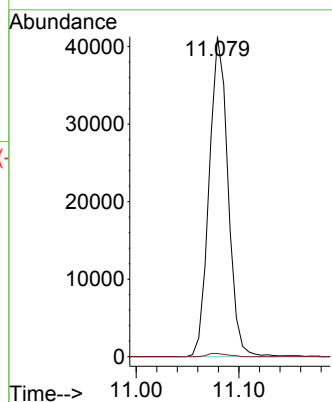
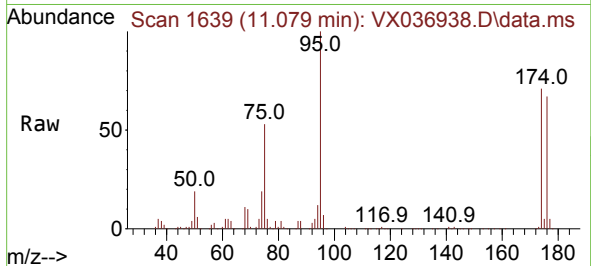




#76
1,2,3-Trichloropropane
Concen: 24.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52646
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.310 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036938.D
Acq: 11 Aug 2023 14:03

Tgt Ion: 75 Resp: 52646
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

