

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037624.D
 Acq On : 09 Sep 2023 13:47
 Operator : JC/MD
 Sample : 04358-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:21:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

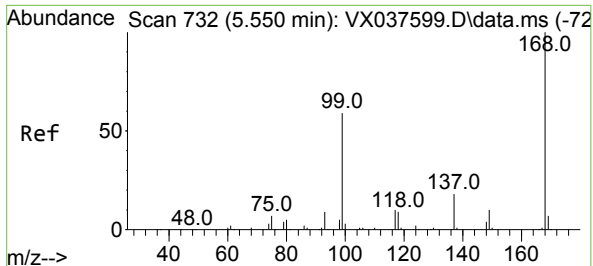
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	136577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224798	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75504	40.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.900%
35) Dibromofluoromethane	5.385	113	67250	42.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.540%
50) Toluene-d8	8.647	98	259798	45.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.100%#
62) 4-Bromofluorobenzene	11.079	95	91763	42.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.440%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	801	1.057	ug/l #	48
20) Methylene Chloride	2.782	84	820	Below Cal	#	71
31) Cyclohexane	5.550	56	2243	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9482	4.565	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13699	6.381	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	832	0.410	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42709	21.741	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42709	64.895	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	374	0.209	ug/l #	80

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

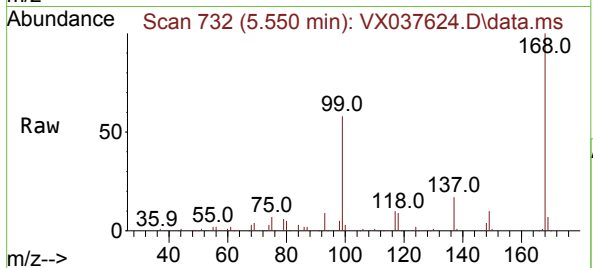
Quant Time: Sep 11 01:21:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration



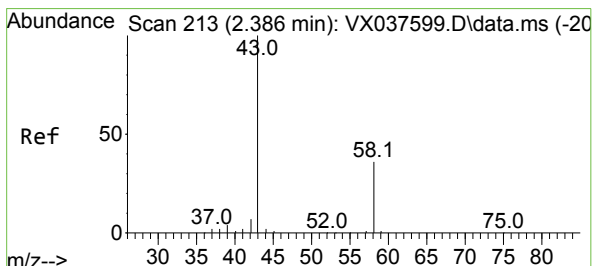
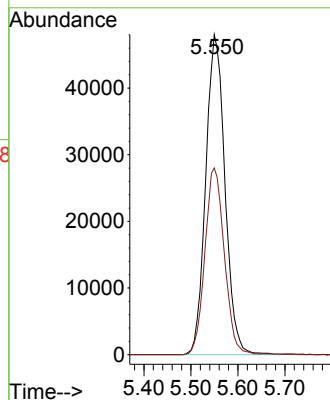
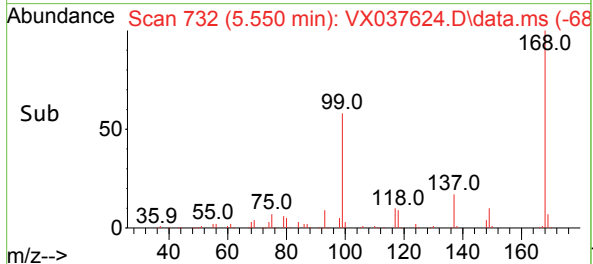


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :

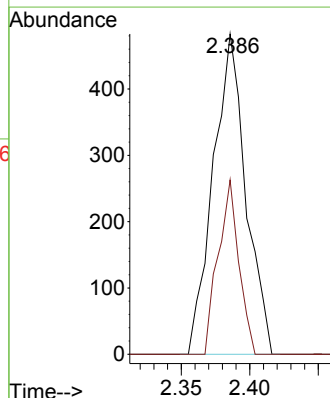
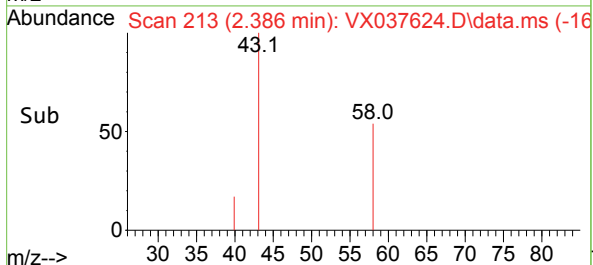
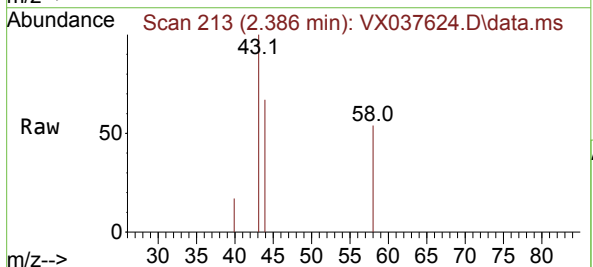


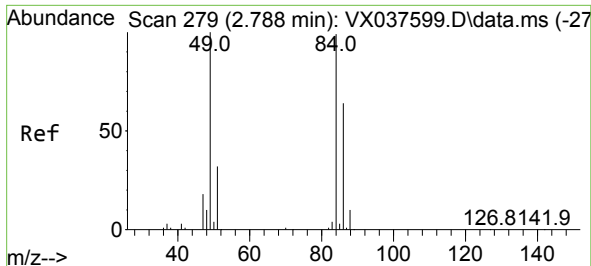
Tgt Ion:168 Resp: 136577
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 1.057 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

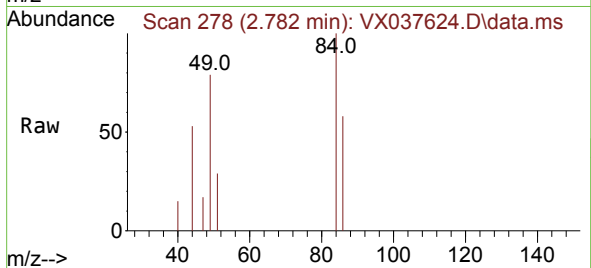
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 54.5 21.9 32.9#



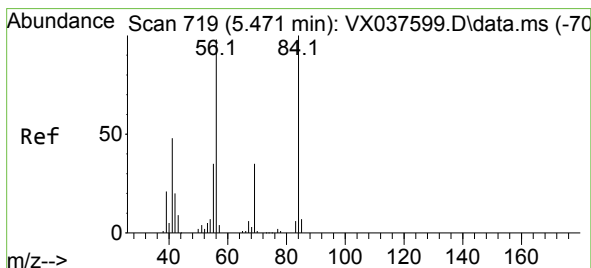
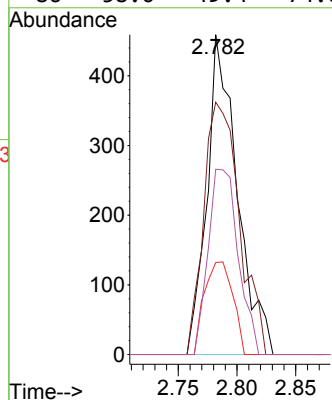


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :

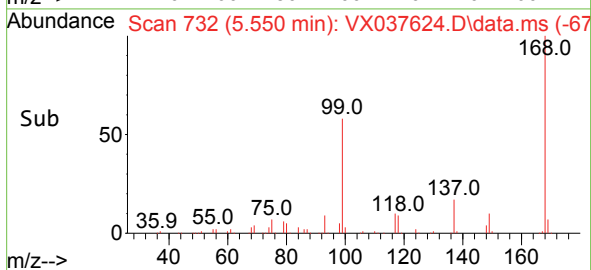
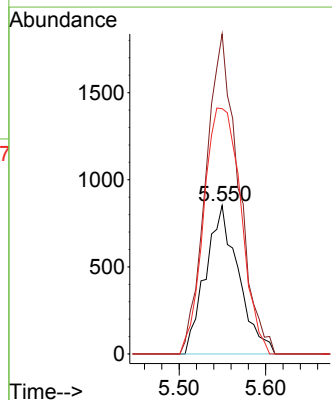
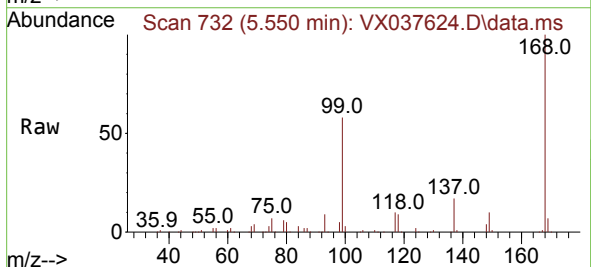


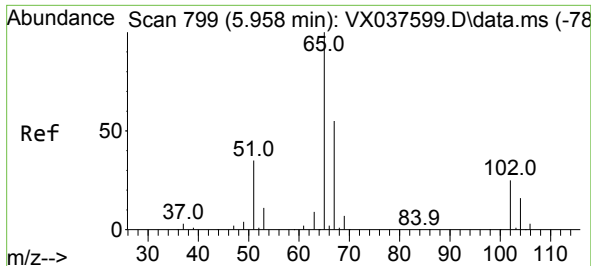
Tgt Ion:	84	Resp:	820
Ion	Ratio	Lower	Upper
84	100		
49	78.9	103.6	155.4#
51	28.8	33.8	50.6#
86	58.0	49.4	74.0



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Tgt Ion:	56	Resp:	2243
Ion	Ratio	Lower	Upper
56	100		
69	215.6	23.4	35.2#
84	165.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037624.D

Acq: 09 Sep 2023 13:47

Instrument :

MSVOA_X

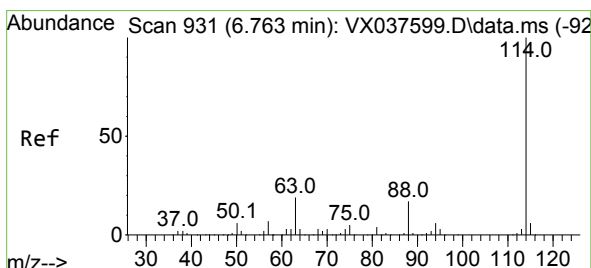
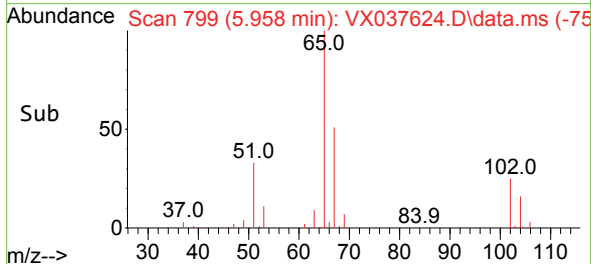
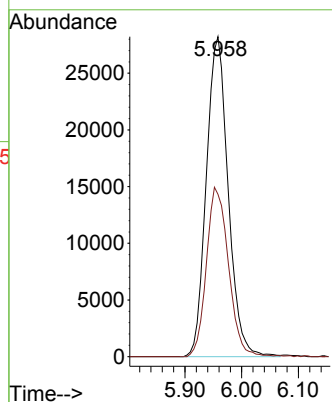
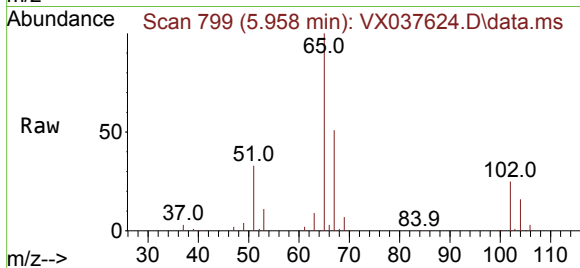
ClientSampleId :

Tgt Ion: 65 Resp: 75504

Ion Ratio Lower Upper

65 100

67 53.7 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: VX037624.D

Acq: 09 Sep 2023 13:47

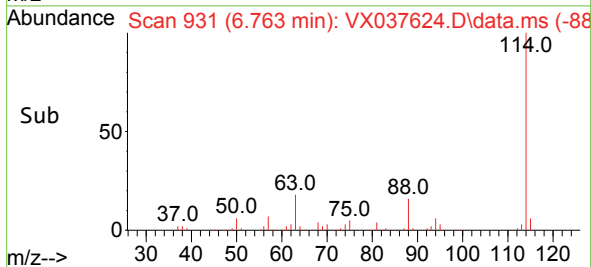
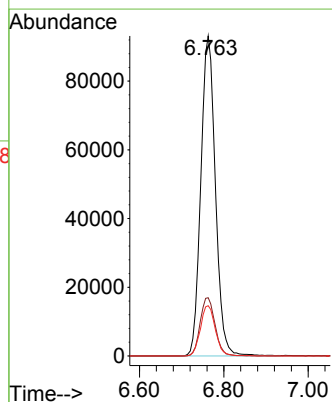
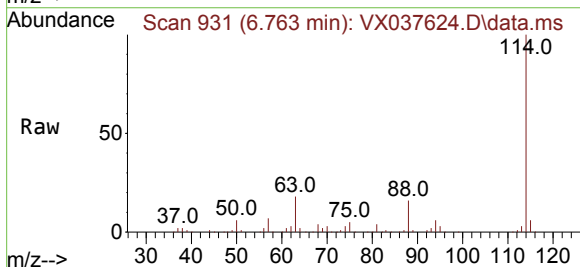
Tgt Ion: 114 Resp: 224798

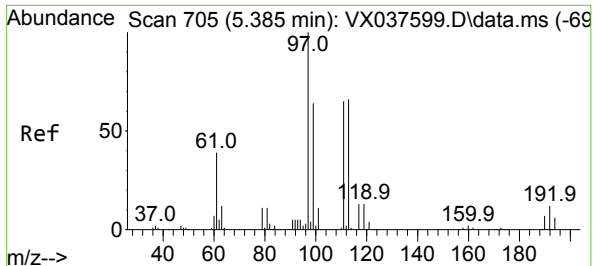
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

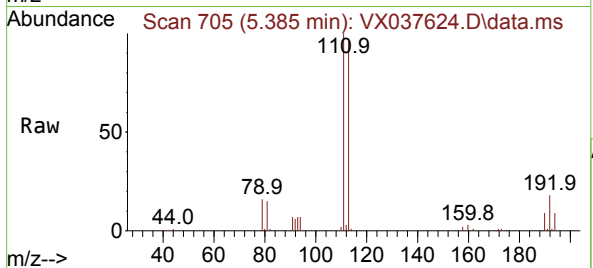
88 15.7 0.0 36.6



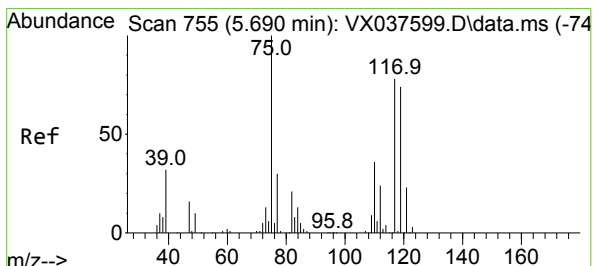
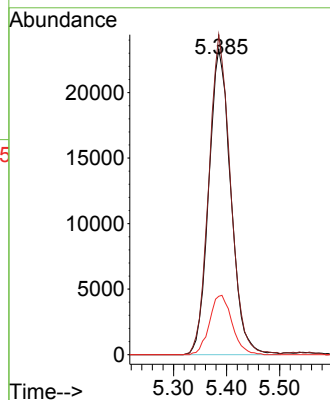
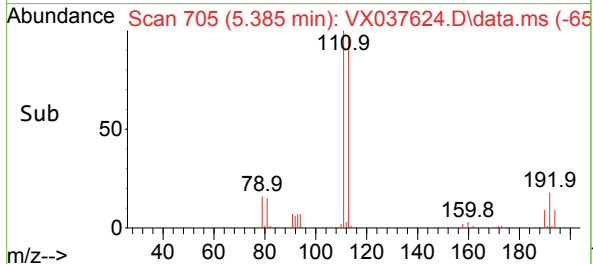


#35
 Dibromofluoromethane
 Concen: 42.771 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX037624.D
 Acq: 09 Sep 2023 13:47

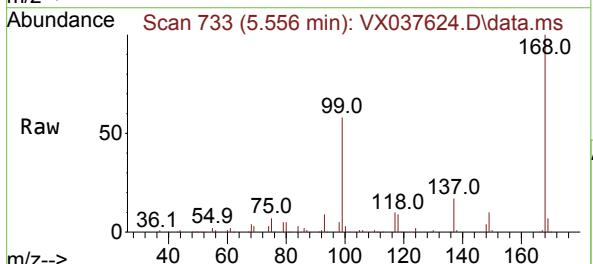
Instrument :
 MSVOA_X
 ClientSampleId :



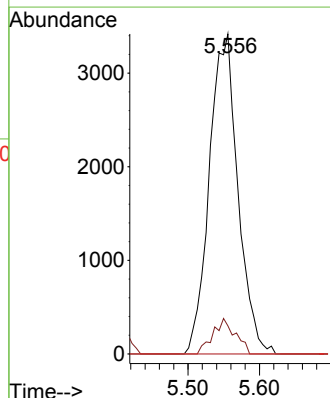
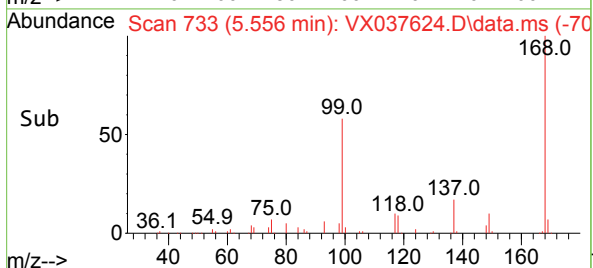
Tgt Ion:113 Resp: 67250
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.9 13.3 19.9#

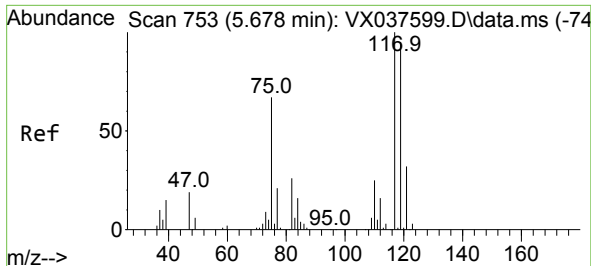


#36
 1,1-Dichloropropene
 Concen: 4.565 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX037624.D
 Acq: 09 Sep 2023 13:47



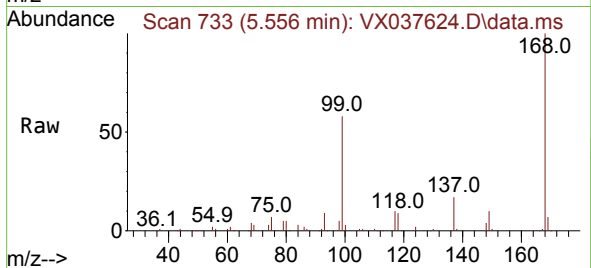
Tgt Ion: 75 Resp: 9482
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.0 50.9#
 77 0.0 24.7 37.1#



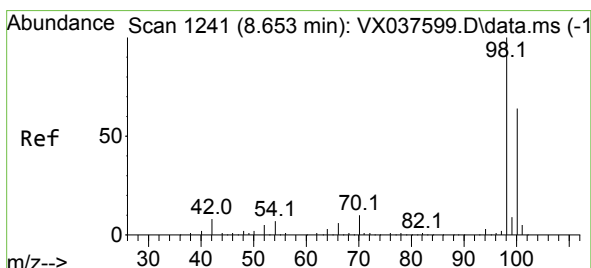
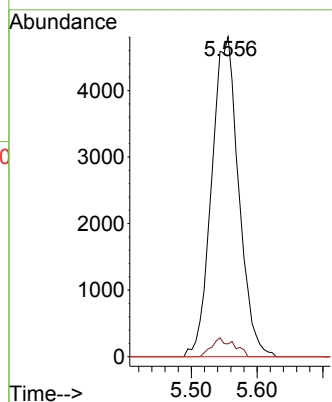
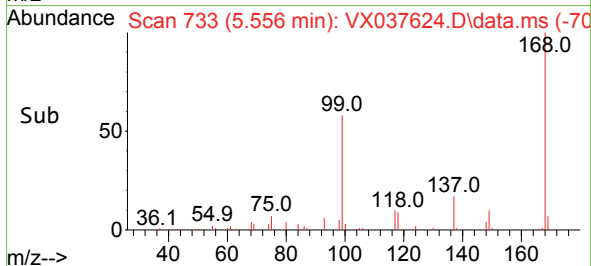


#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :

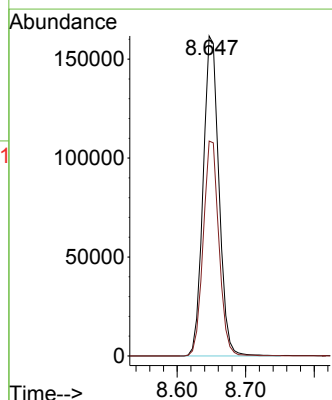
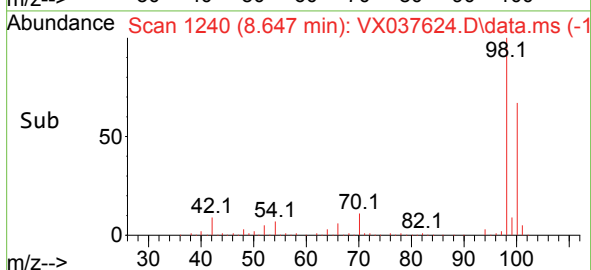
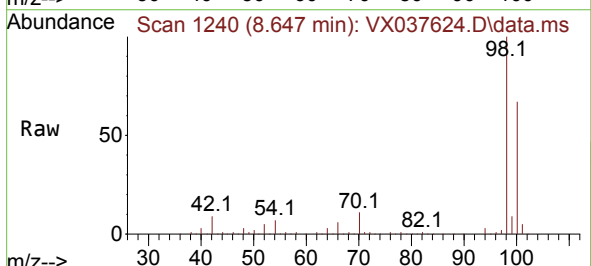


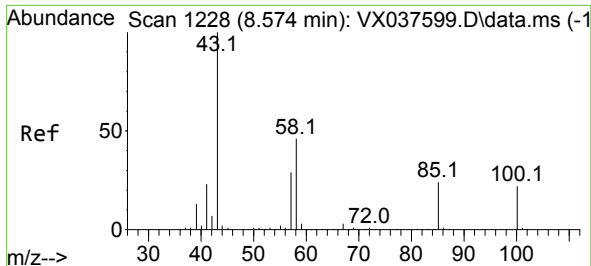
Tgt Ion:117 Resp: 13699
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.050 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Tgt Ion: 98 Resp: 259798
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.410 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX037624.D

Acq: 09 Sep 2023 13:47

Instrument :

MSVOA_X

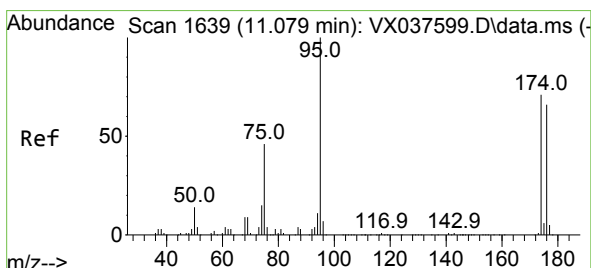
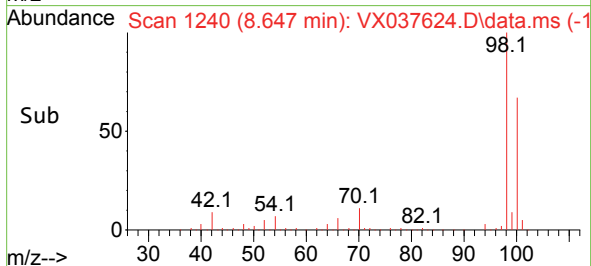
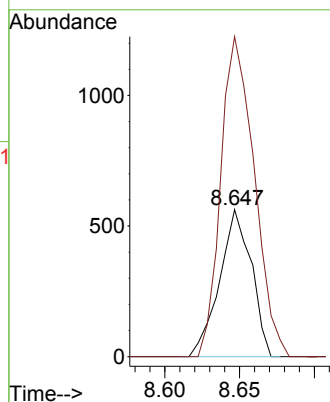
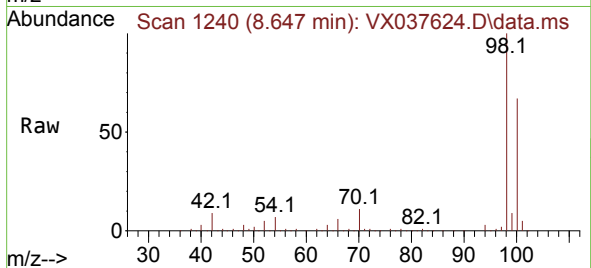
ClientSampleId :

Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

58 229.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 42.220 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037624.D

Acq: 09 Sep 2023 13:47

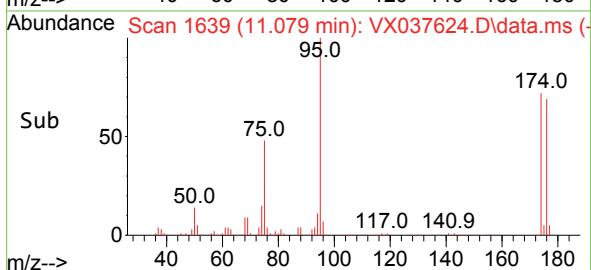
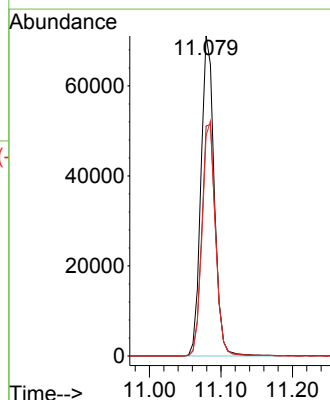
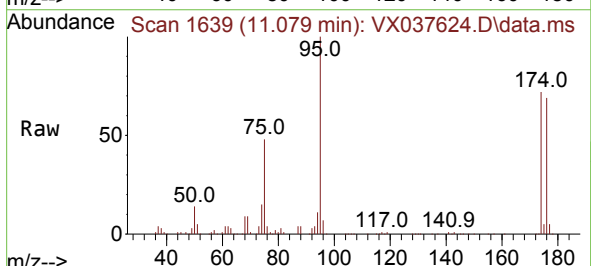
Tgt Ion: 95 Resp: 91763

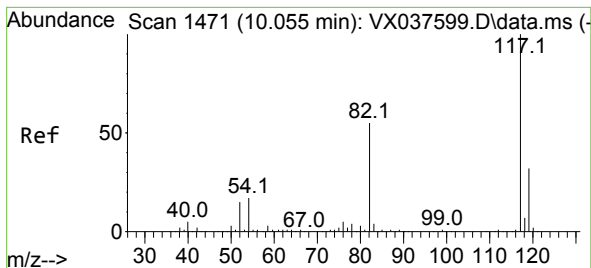
Ion Ratio Lower Upper

95 100

174 74.9 0.0 135.6

176 73.4 0.0 131.0

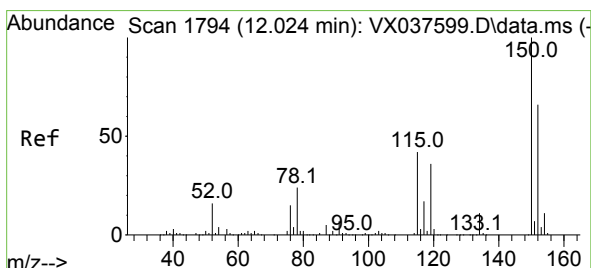
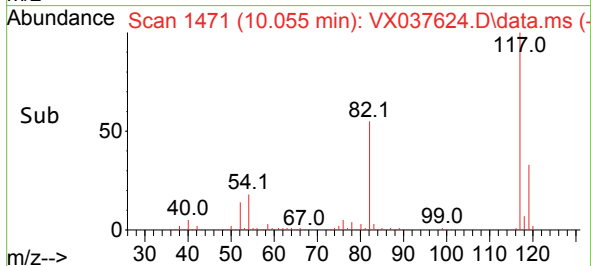
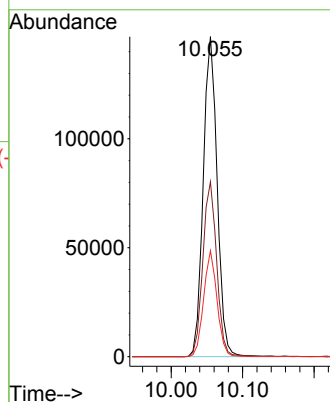
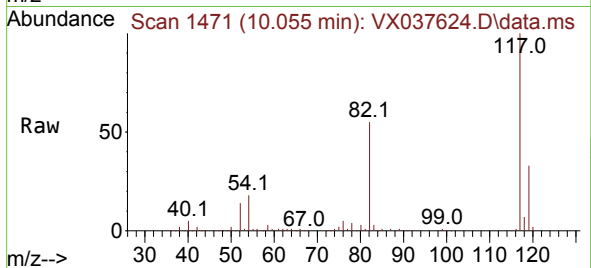




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

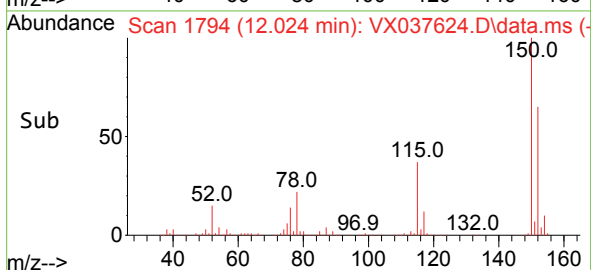
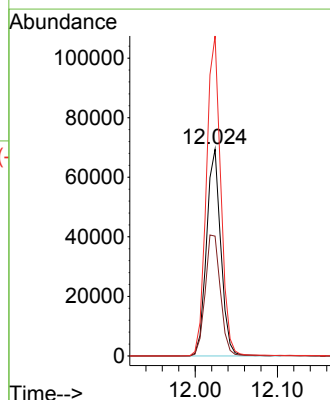
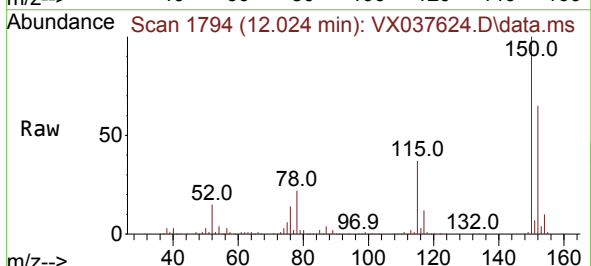
Instrument :
MSVOA_X
ClientSampleId :

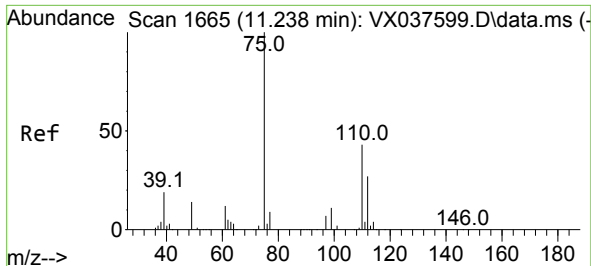
Tgt Ion:117 Resp: 199088
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Tgt Ion:152 Resp: 83914
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.9 0.0 345.0

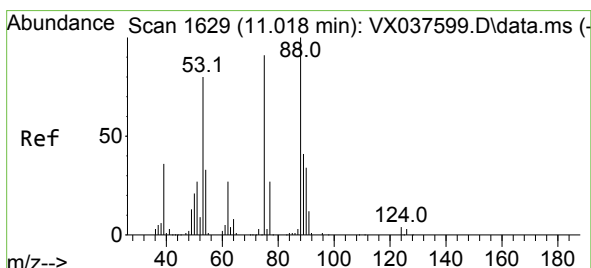
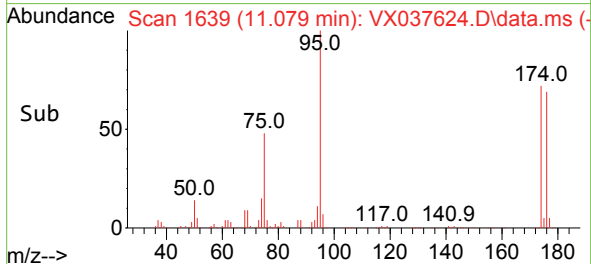
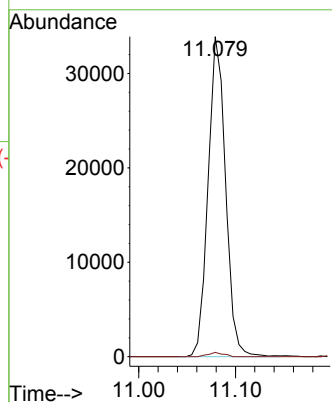
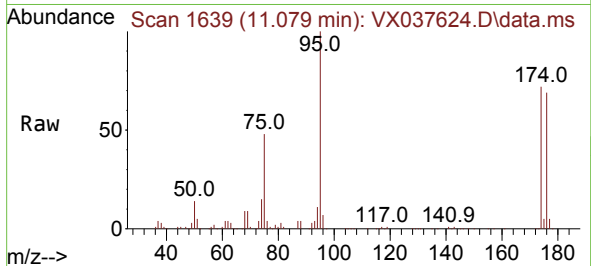




#76
1,2,3-Trichloropropane
Concen: 21.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

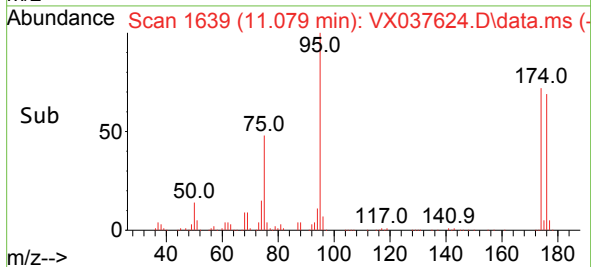
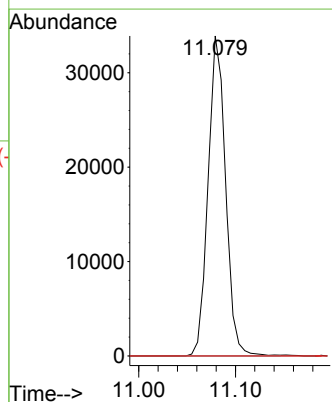
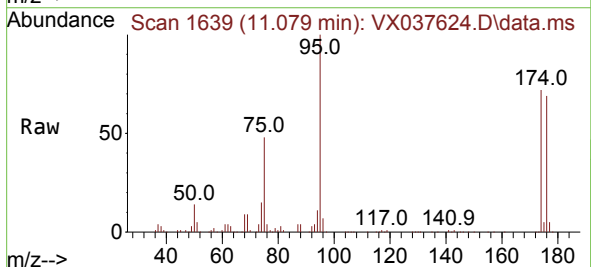
Instrument :
MSVOA_X
ClientSampleId :

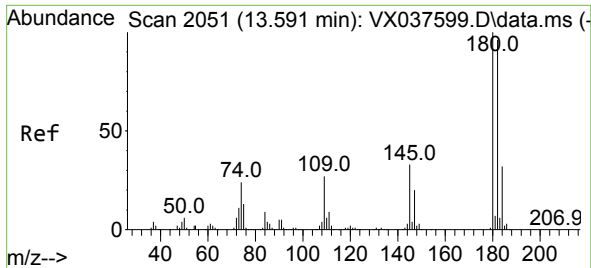
Tgt Ion: 75 Resp: 42709
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037624.D
Acq: 09 Sep 2023 13:47

Tgt Ion: 75 Resp: 42709
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: 0.209 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.006 min

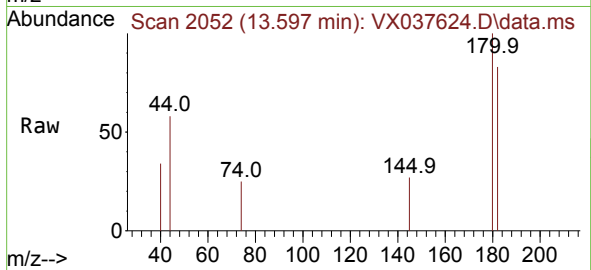
Lab File: VX037624.D

Acq: 09 Sep 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 374

Ion Ratio Lower Upper

180 100

182 81.8 48.3 144.8

145 17.4 18.0 54.0#

