

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037738.D
 Acq On : 14 Sep 2023 19:05
 Operator : JC/MD
 Sample : 04416-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 01:35:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

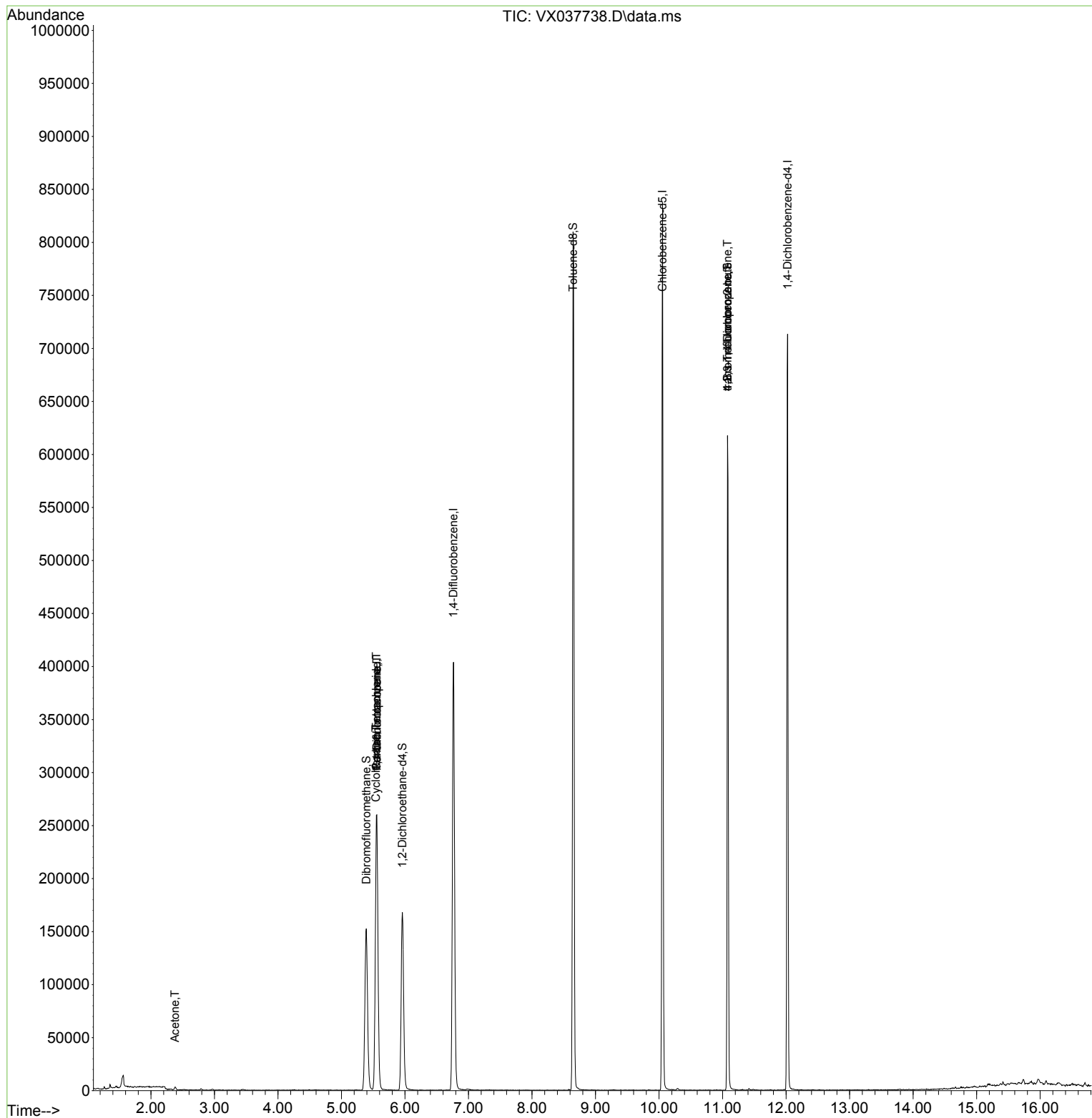
Internal Standards						
1) Pentafluorobenzene	5.556	168	249419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163858	40.605	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	81.200%	
35) Dibromofluoromethane	5.391	113	133959	44.586	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.180%	
50) Toluene-d8	8.647	98	498390	43.984	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	87.960%#	
62) 4-Bromofluorobenzene	11.079	95	162835	39.832	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	79.660%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	864	Below Cal	#	78
16) Acetone	2.380	43	3334	2.044	ug/l	97
20) Methylene Chloride	2.794	84	591	Below Cal		90
31) Cyclohexane	5.544	56	5393	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19268	4.714	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26485	6.343	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	83747	25.251	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	83747	76.755	ug/l #	5

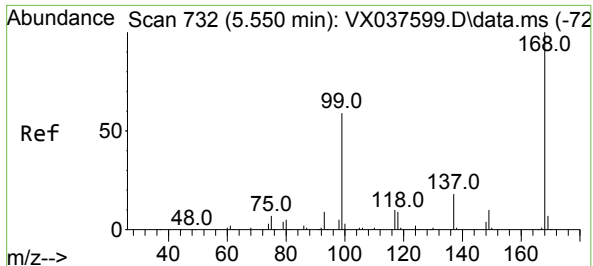
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

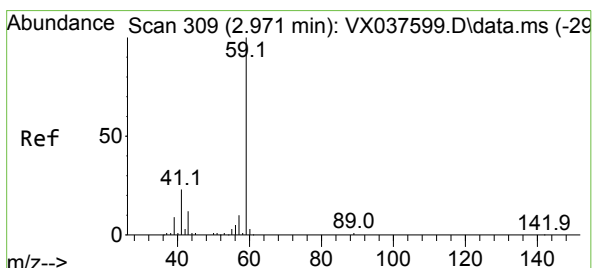
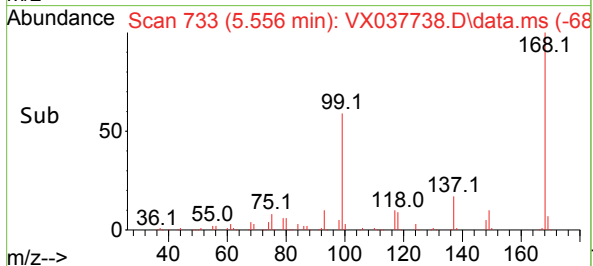
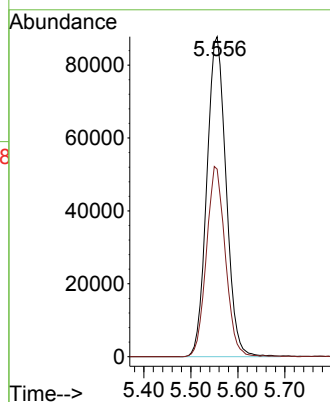
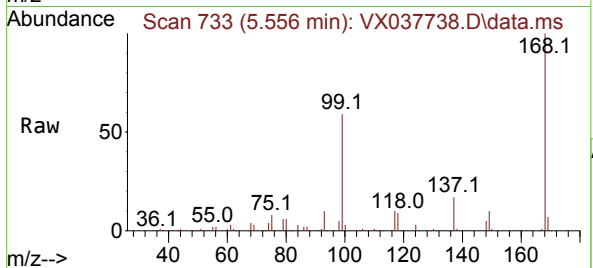




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

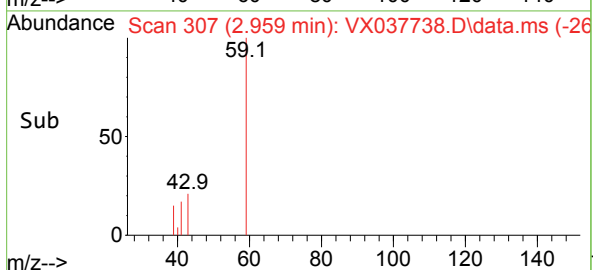
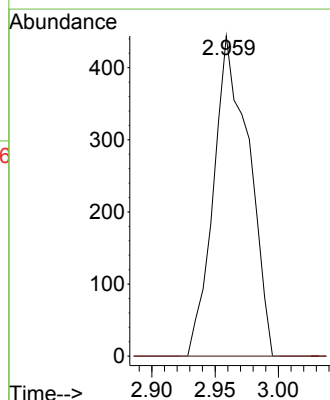
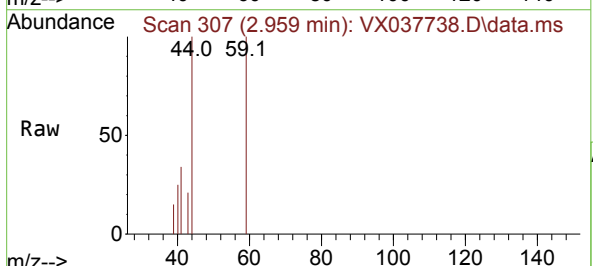
Instrument :
MSVOA_X
ClientSampleId :

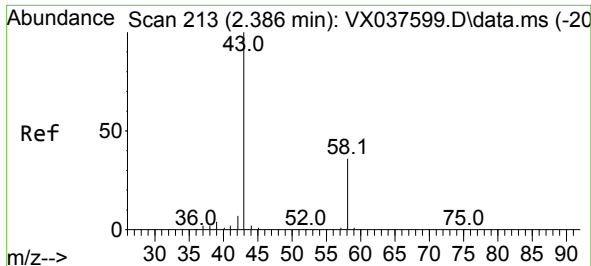
Tgt Ion:168 Resp: 249419
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

Tgt Ion: 59 Resp: 864
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.044 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037738.D

Acq: 14 Sep 2023 19:05

Instrument :

MSVOA_X

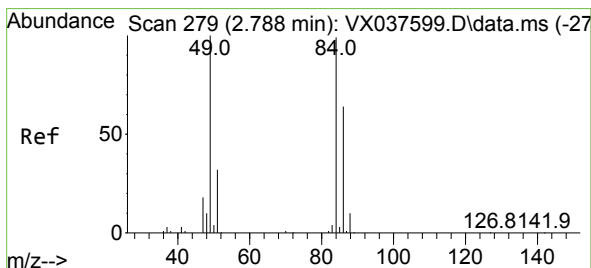
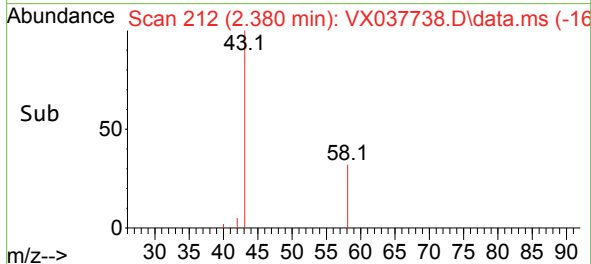
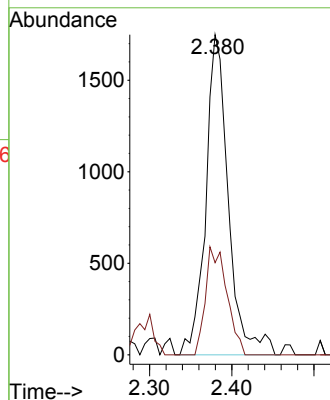
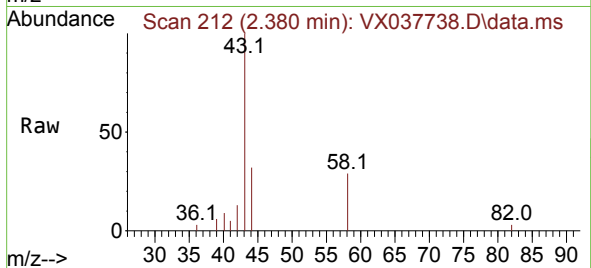
ClientSampleId :

Tgt Ion: 43 Resp: 3334

Ion Ratio Lower Upper

43 100

58 28.8 21.9 32.9



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX037738.D

Acq: 14 Sep 2023 19:05

Tgt Ion: 84 Resp: 591

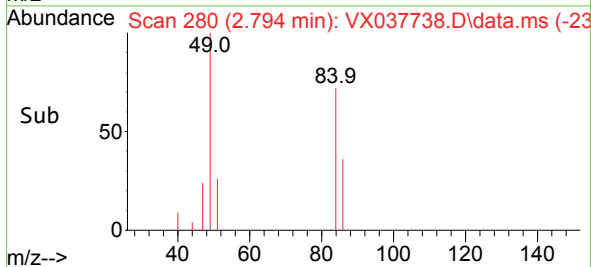
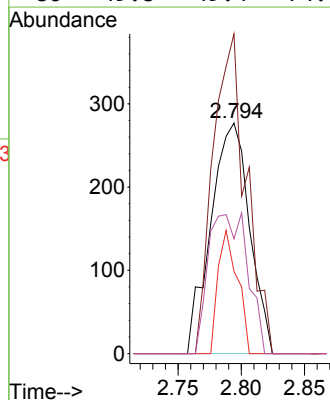
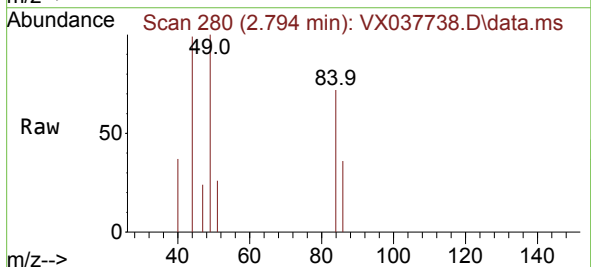
Ion Ratio Lower Upper

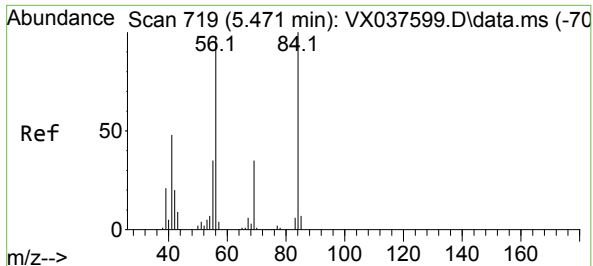
84 100

49 138.6 103.6 155.4

51 35.7 33.8 50.6

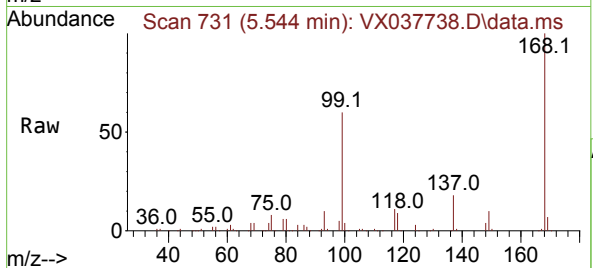
86 49.8 49.4 74.0



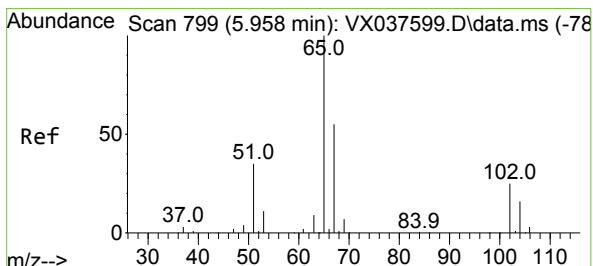
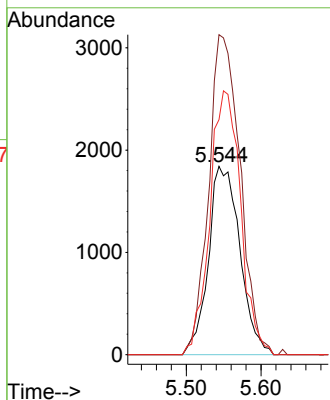
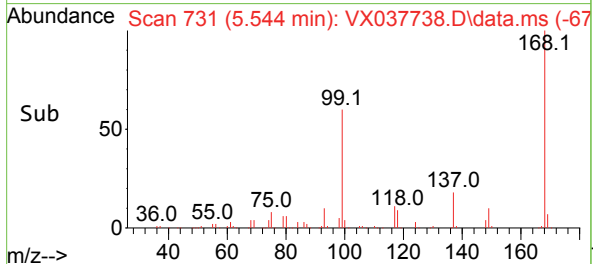


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :

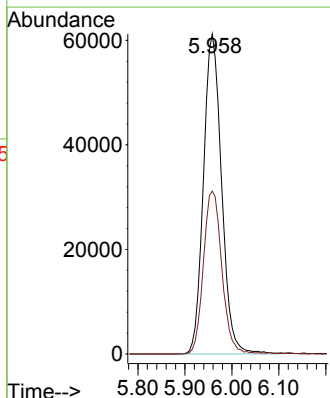
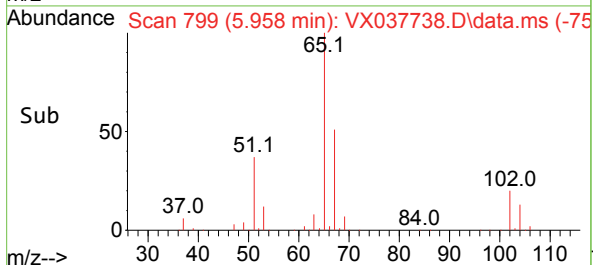
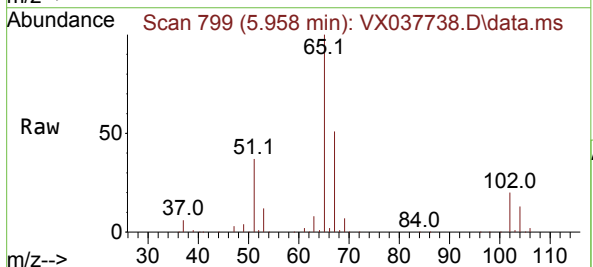


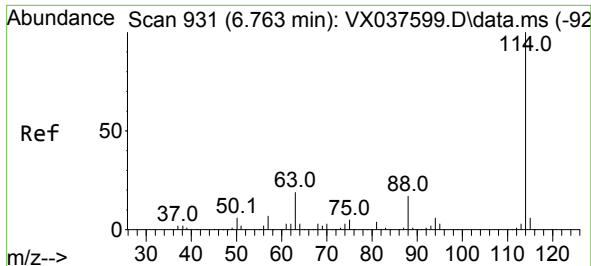
Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 170.0 23.4 35.2#
84 124.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.605 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

Tgt Ion: 65 Resp: 163858
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

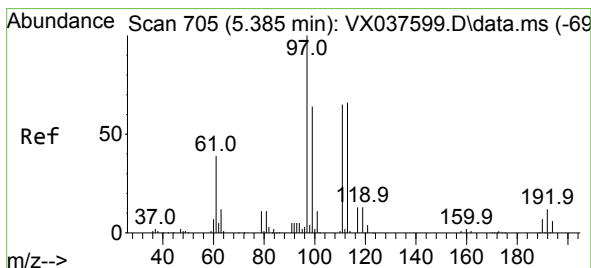
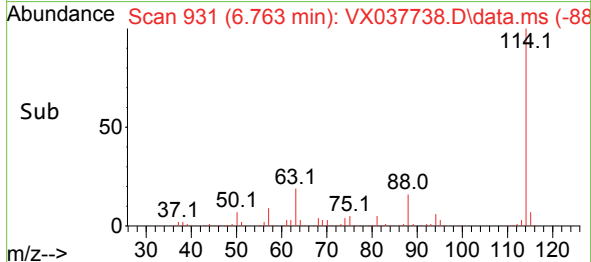
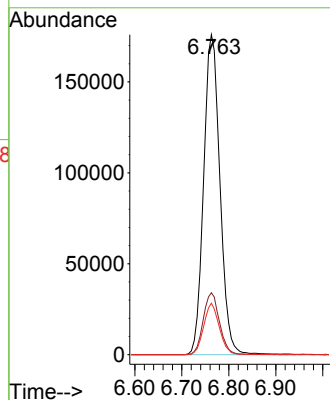
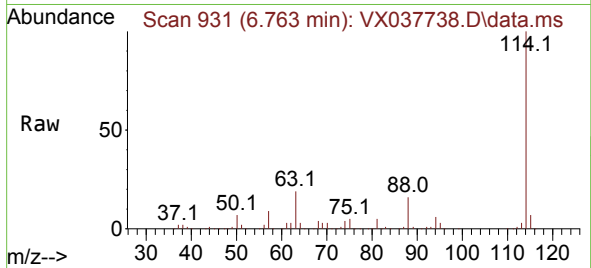




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

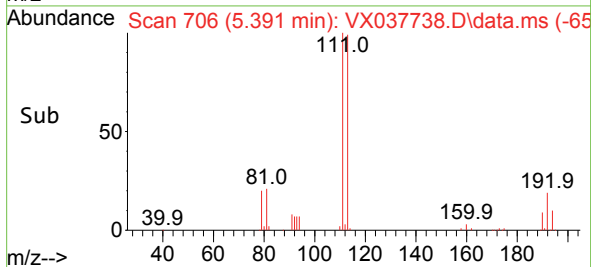
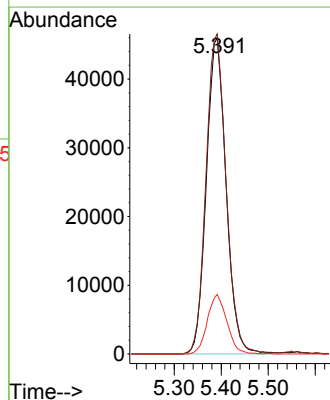
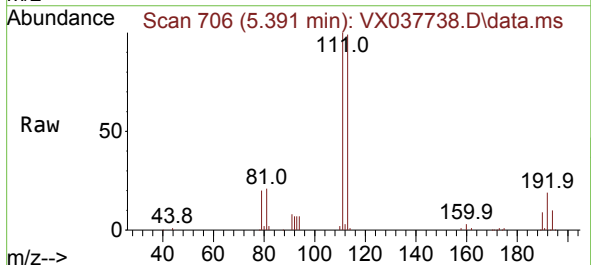
Instrument :
MSVOA_X
ClientSampleId :

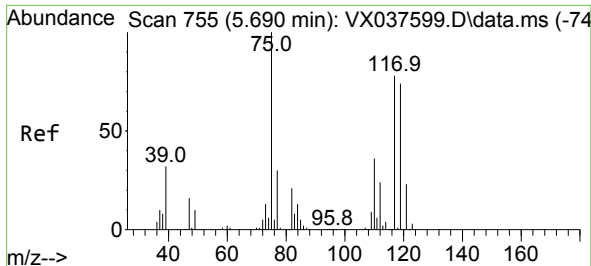
Tgt Ion:114 Resp: 423878
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.586 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

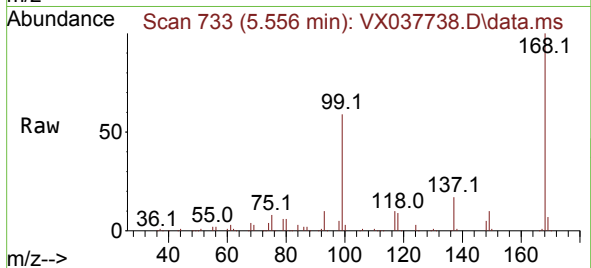
Tgt Ion:113 Resp: 133959
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.6 13.3 19.9



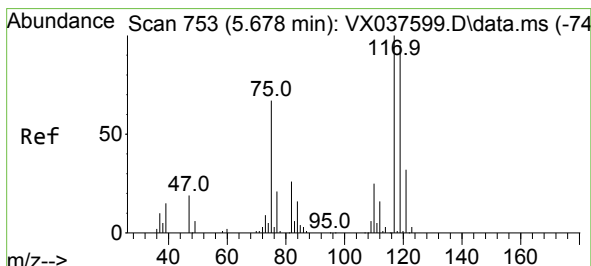
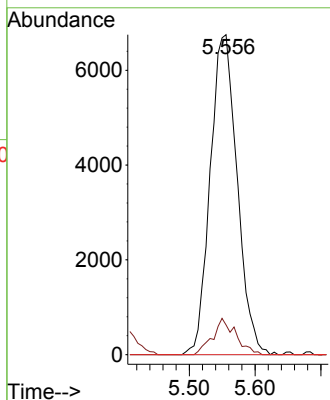
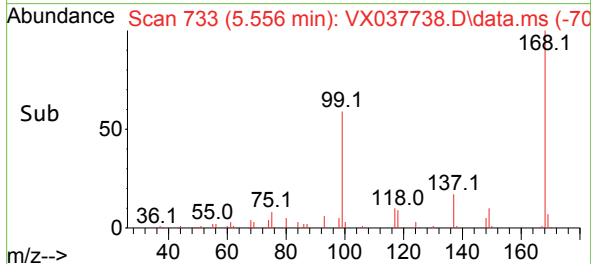


#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

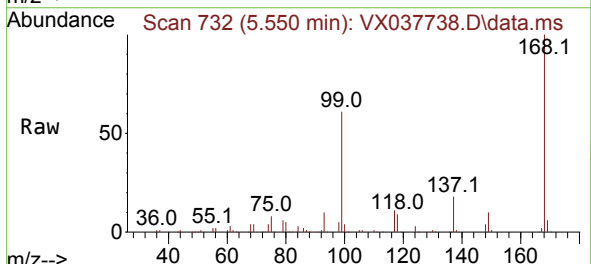
Instrument :
MSVOA_X
ClientSampleId :



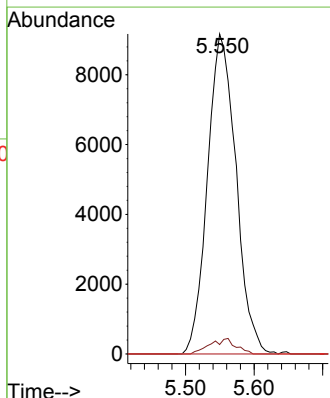
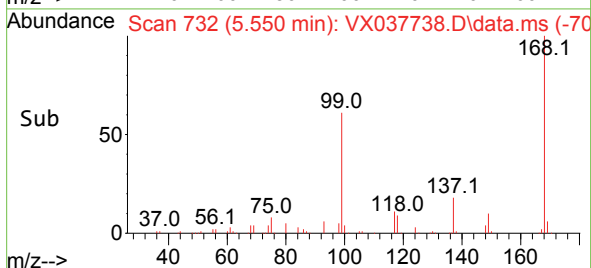
Tgt Ion: 75 Resp: 19268
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

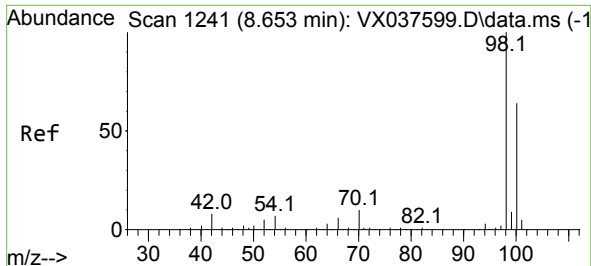


#38
Carbon Tetrachloride
Concen: 6.343 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05



Tgt Ion: 117 Resp: 26485
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#

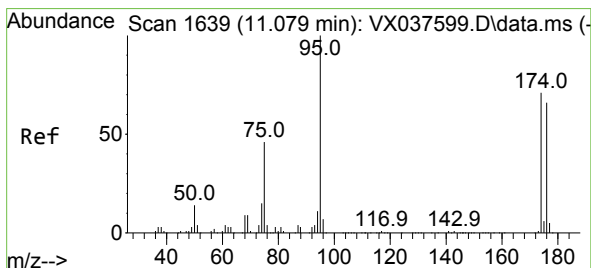
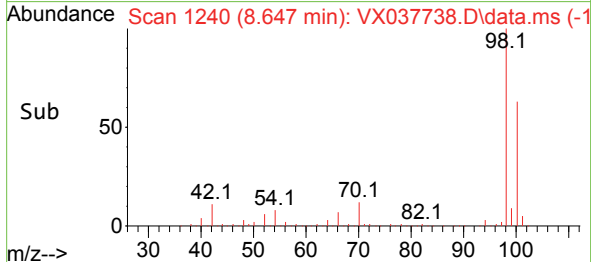
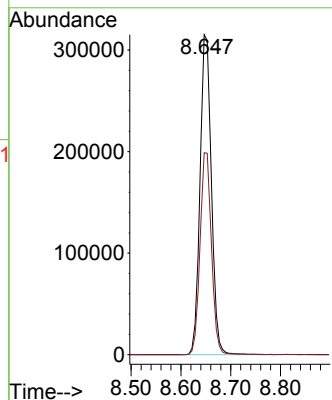
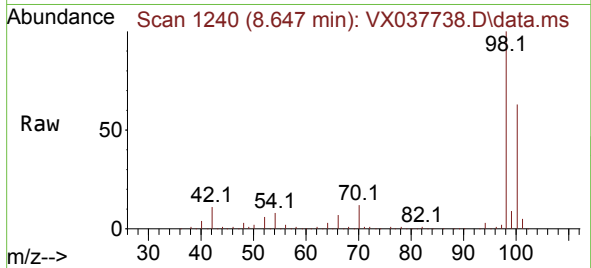




#50
Toluene-d8
Concen: 43.984 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

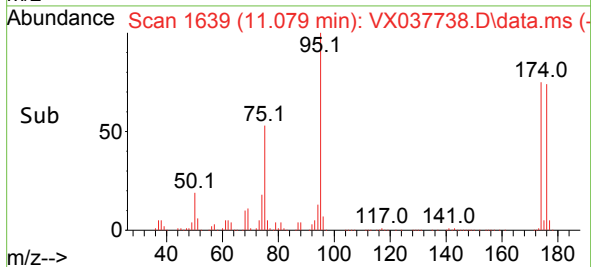
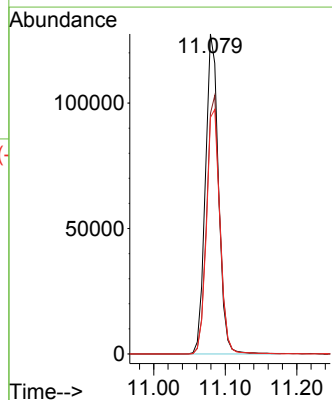
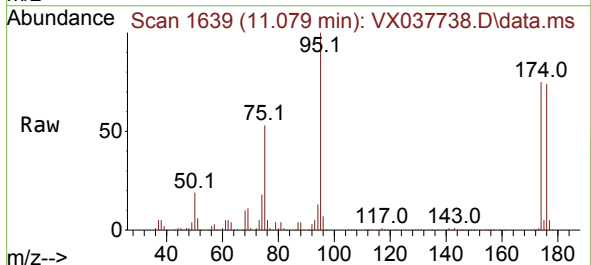
Instrument :
MSVOA_X
ClientSampleId :

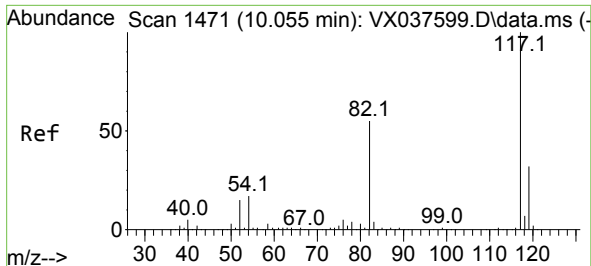
Tgt Ion: 98 Resp: 498390
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 39.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

Tgt Ion: 95 Resp: 162835
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.4 0.0 131.0

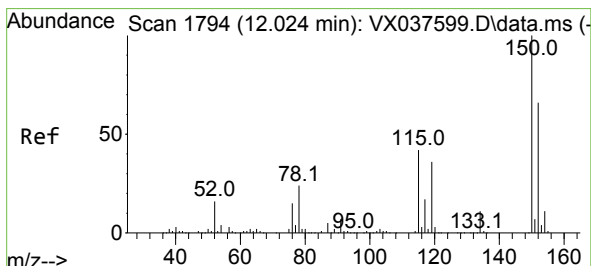
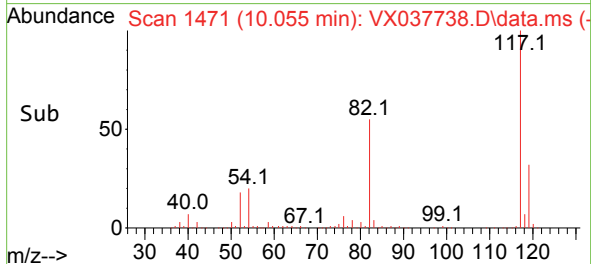
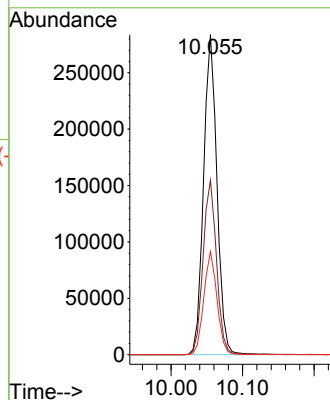
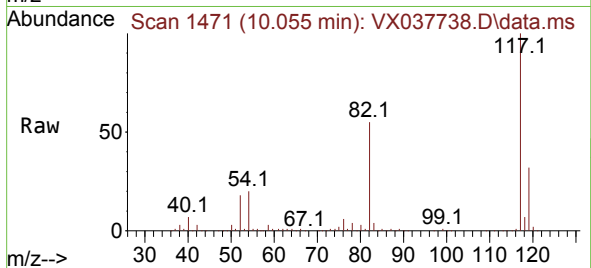




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

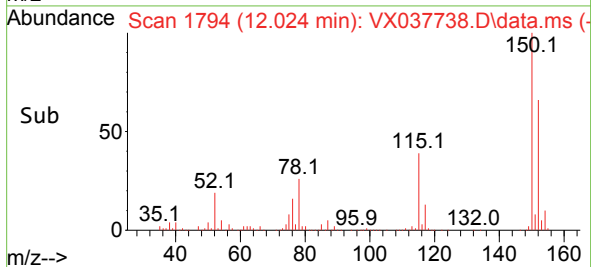
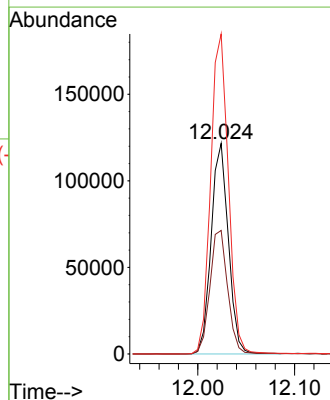
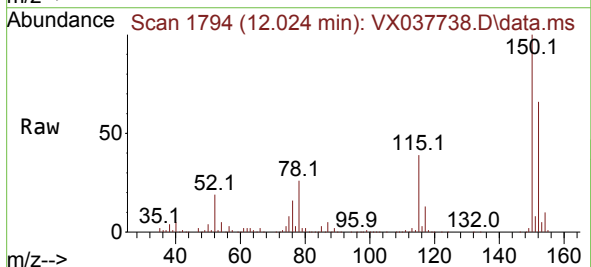
Instrument :
MSVOA_X
ClientSampleId :

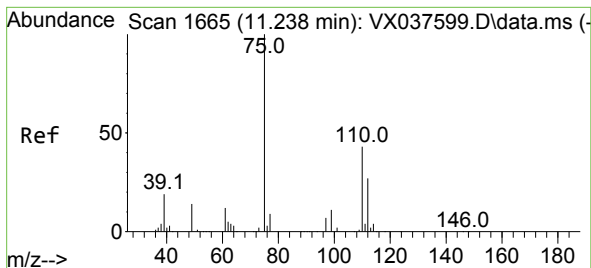
Tgt Ion:117 Resp: 369191
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037738.D
Acq: 14 Sep 2023 19:05

Tgt Ion:152 Resp: 150861
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.251 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037738.D

Acq: 14 Sep 2023 19:05

Instrument :

MSVOA_X

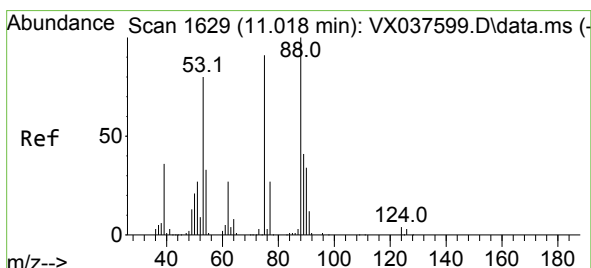
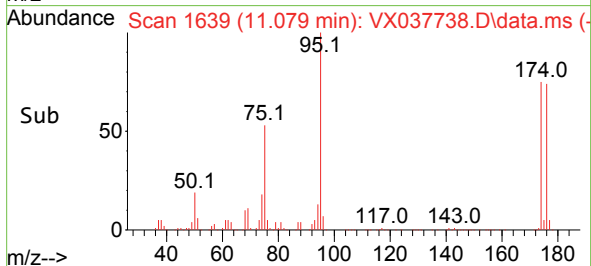
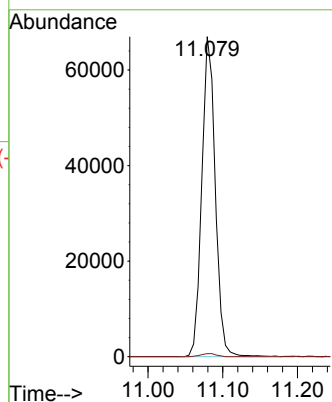
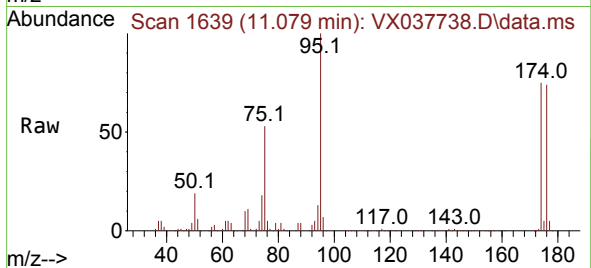
ClientSampleId :

Tgt Ion: 75 Resp: 83747

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.755 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037738.D

Acq: 14 Sep 2023 19:05

Tgt Ion: 75 Resp: 83747

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

