

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037732.D
 Acq On : 14 Sep 2023 16:39
 Operator : JC/MD
 Sample : 04390-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 17:42:48 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)

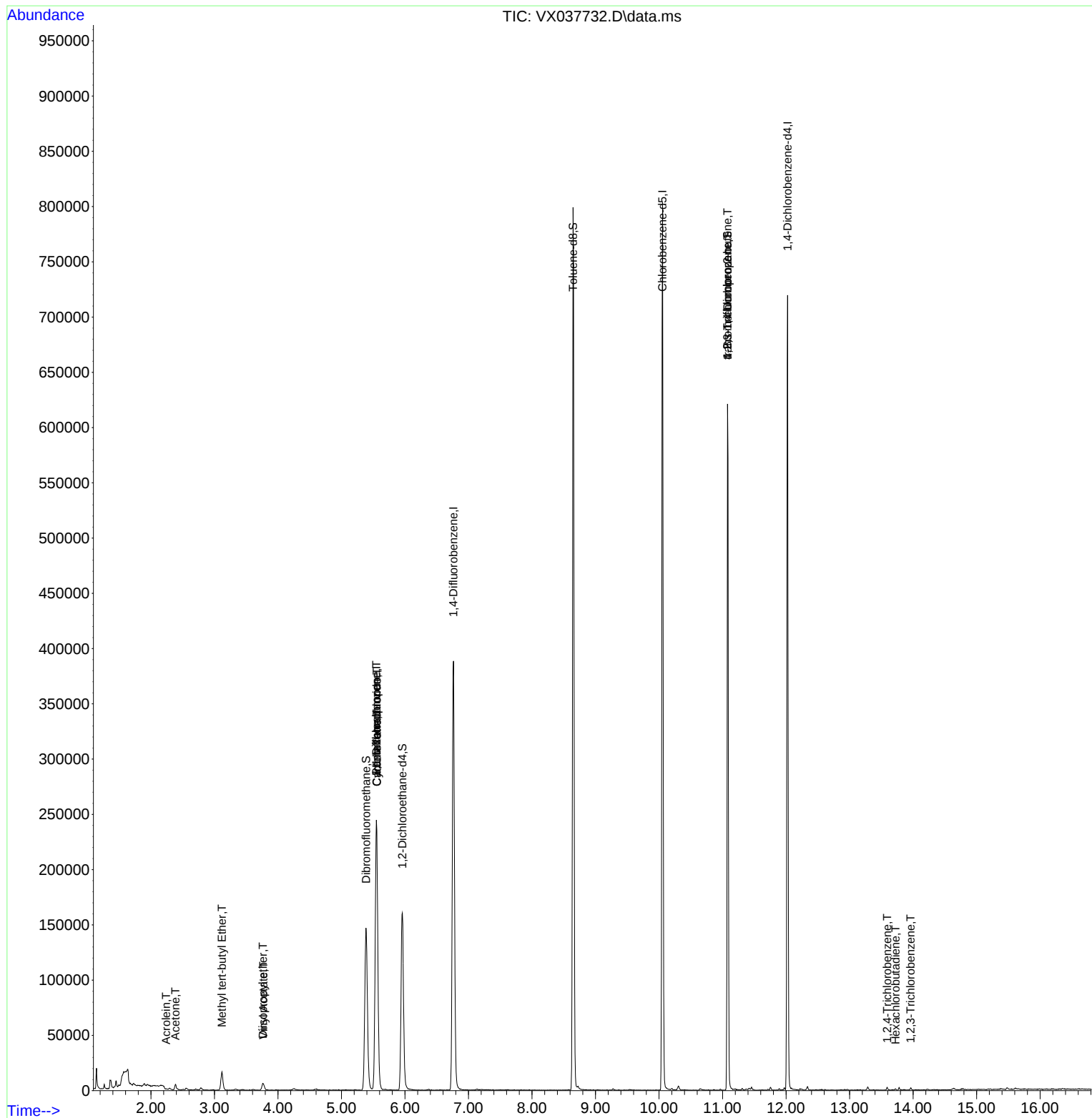
Internal Standards						
1) Pentafluorobenzene	5.550	168	234925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157923	41.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.100%
35) Dibromofluoromethane	5.385	113	128006	44.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	482098	44.448	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.900%#
62) 4-Bromofluorobenzene	11.079	95	162264	41.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.940%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	215	Below Cal	#	78
13) Acrolein	2.239	56	129	0.208	ug/l #	39
16) Acetone	2.386	43	5304	3.452	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	17908	1.877	ug/l	94
20) Methylene Chloride	2.788	84	1024	Below Cal	#	81
22) Diisopropyl ether	3.763	45	6592	0.715	ug/l #	68
23) Vinyl Acetate	3.770	43	3862	0.574	ug/l #	73
31) Cyclohexane	5.556	56	4915	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18358	4.692	ug/l #	50
38) Carbon Tetrachloride	5.556	117	23849	5.967	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	82423	24.894	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82423	75.671	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	848	0.277	ug/l	93
94) Hexachlorobutadiene	13.725	225	264	0.207	ug/l	84
96) 1,2,3-Trichlorobenzene	13.963	180	666	0.212	ug/l	97

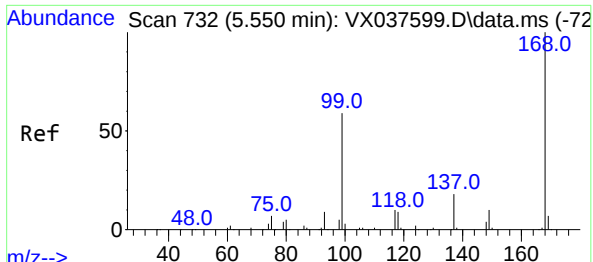
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
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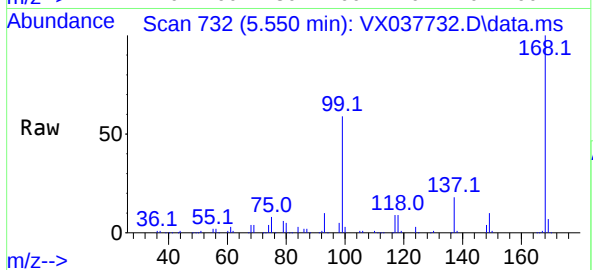
Quant Time: Sep 14 17:42:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



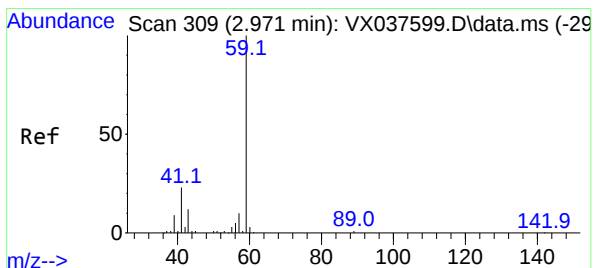
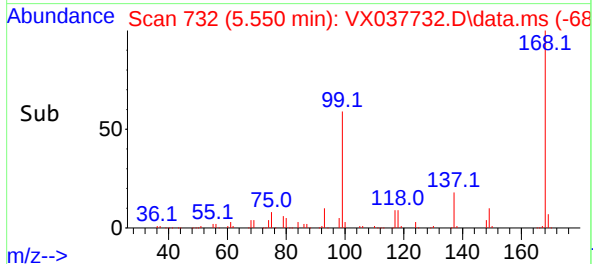
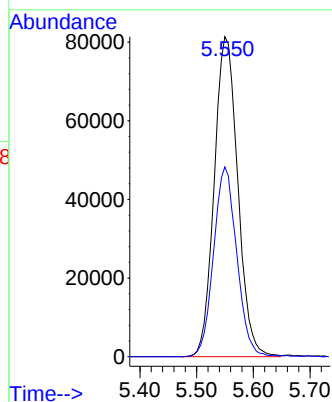


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

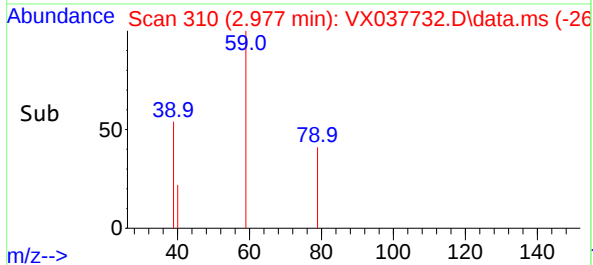
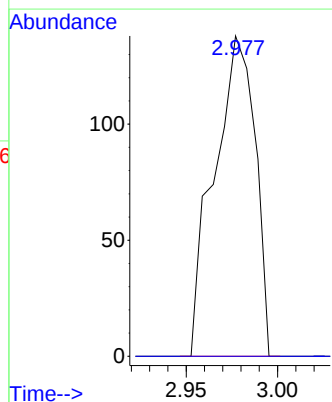
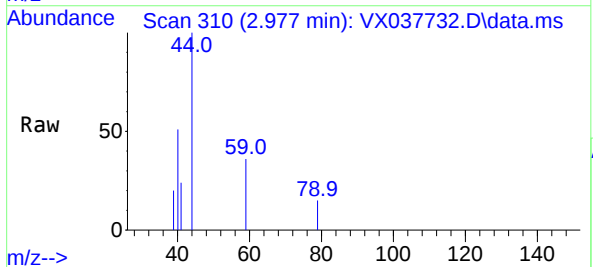


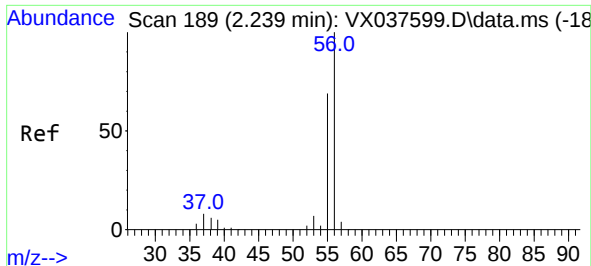
Tgt Ion:168 Resp: 234925
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

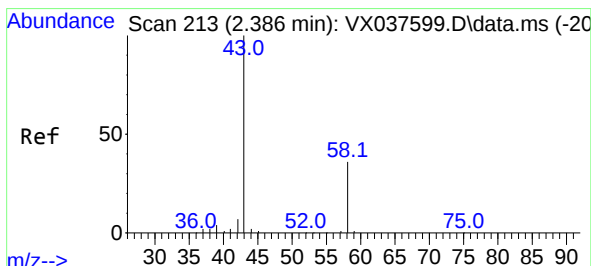
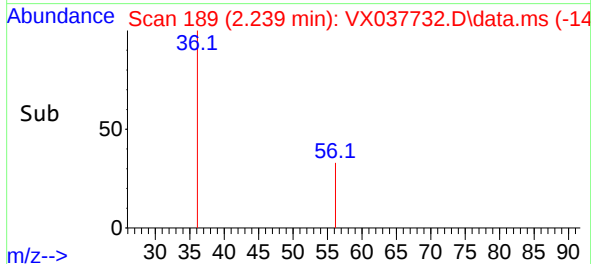
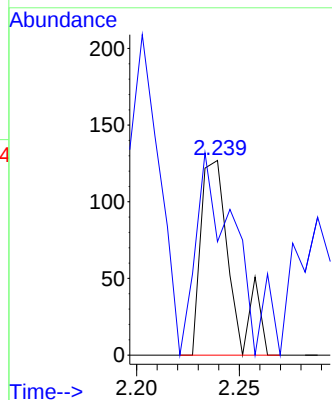
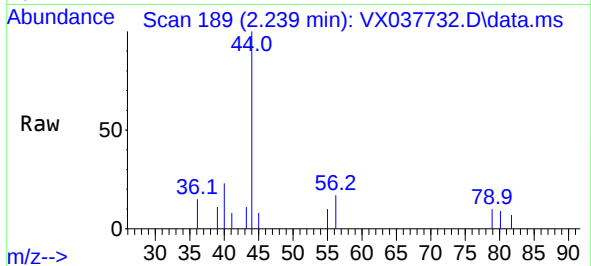




#13
Acrolein
Concen: 0.208 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

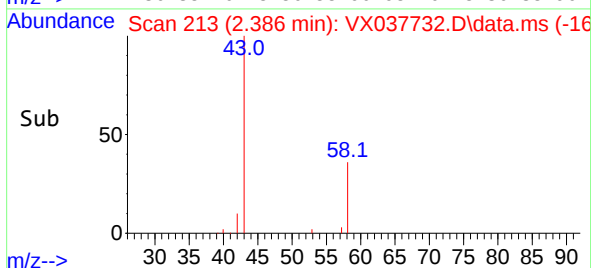
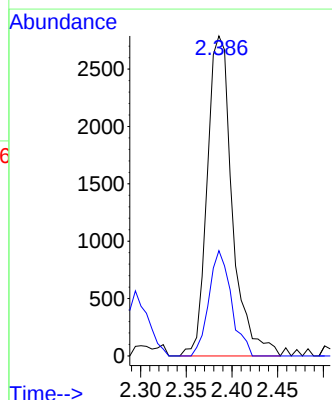
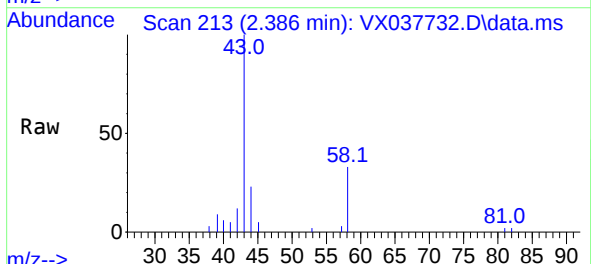
Instrument :
MSVOA_X
ClientSampleId :

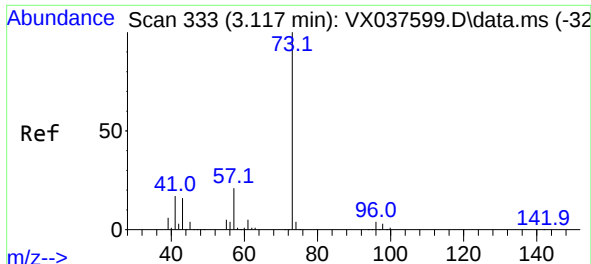
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 121.7 57.1 85.7#



#16
Acetone
Concen: 3.452 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 5304
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 1.877 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

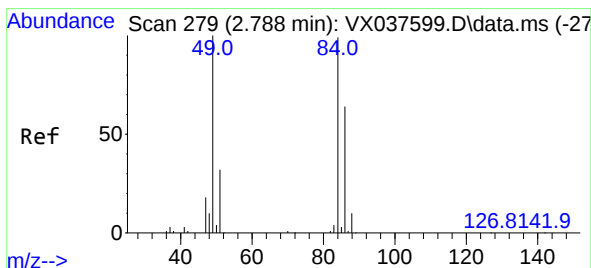
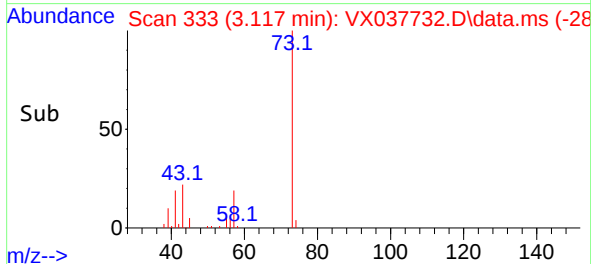
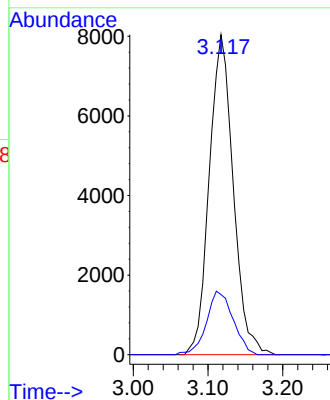
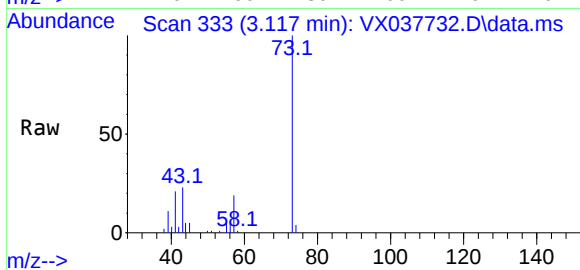
ClientSampleId :

Tgt Ion: 73 Resp: 17908

Ion Ratio Lower Upper

73 100

57 18.8 17.3 25.9



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

Tgt Ion: 84 Resp: 1024

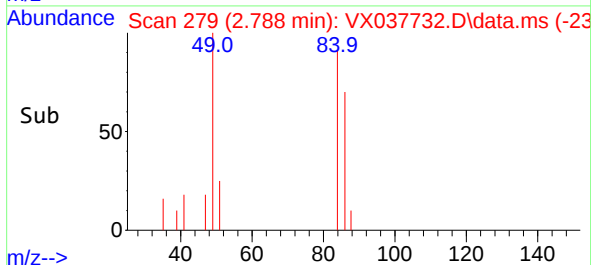
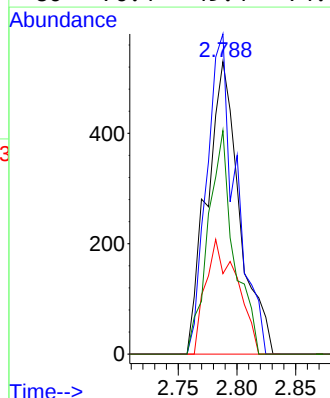
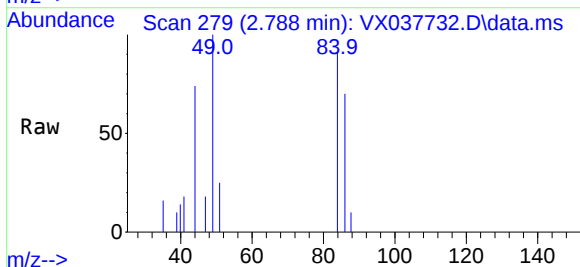
Ion Ratio Lower Upper

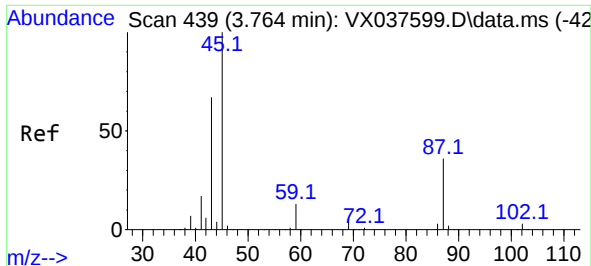
84 100

49 109.4 103.6 155.4

51 27.5 33.8 50.6#

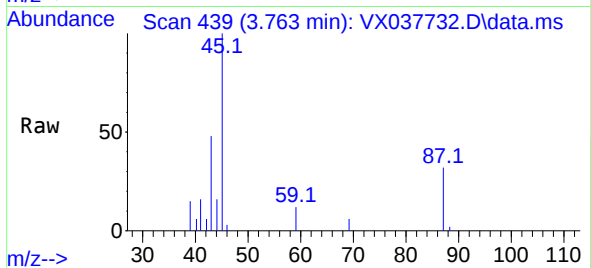
86 76.4 49.4 74.0#



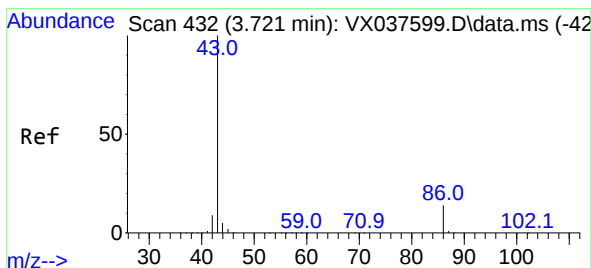
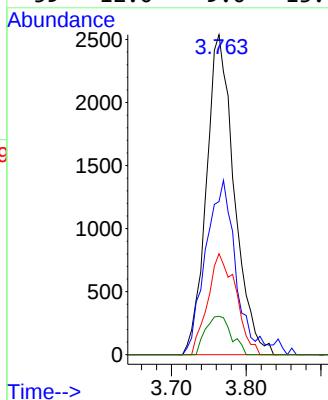
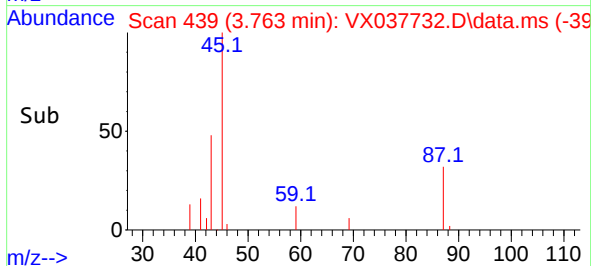


#22
Diisopropyl ether
Concen: 0.715 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

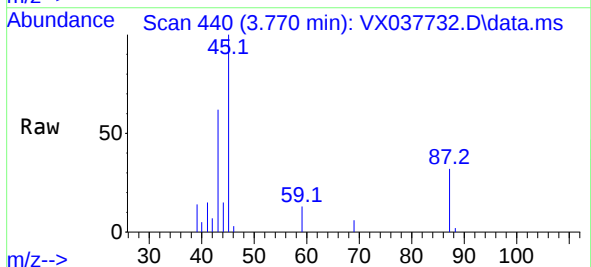
Instrument :
MSVOA_X
ClientSampleId :



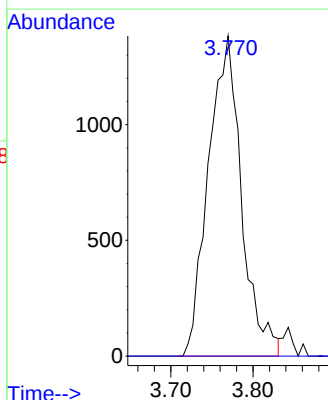
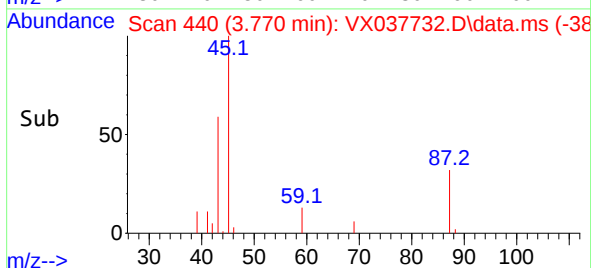
Tgt Ion:	45	Resp:	6592
Ion	Ratio	Lower	Upper
45	100		
43	47.9	69.7	104.5#
87	31.6	20.8	31.2#
59	12.0	9.0	13.4

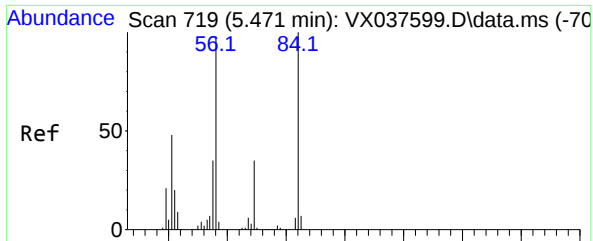


#23
Vinyl Acetate
Concen: 0.574 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.049 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39



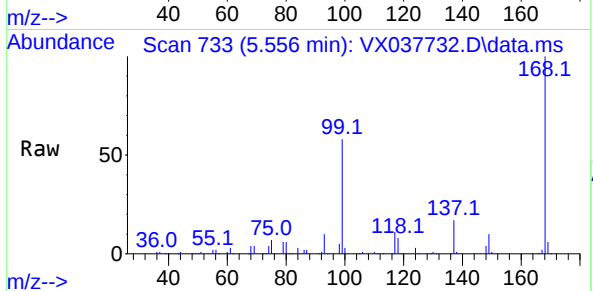
Tgt Ion:	43	Resp:	3862
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#



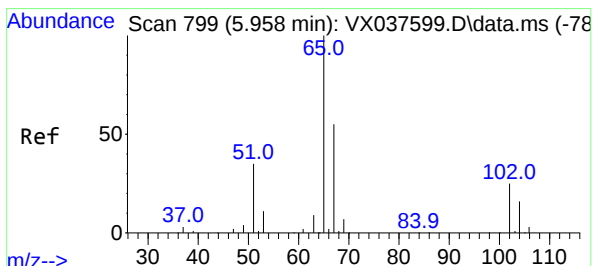
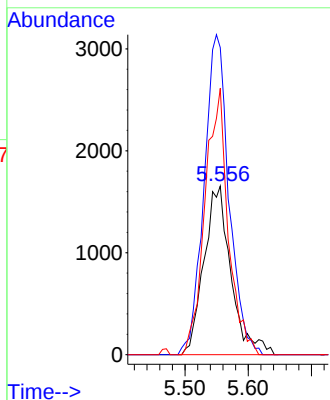
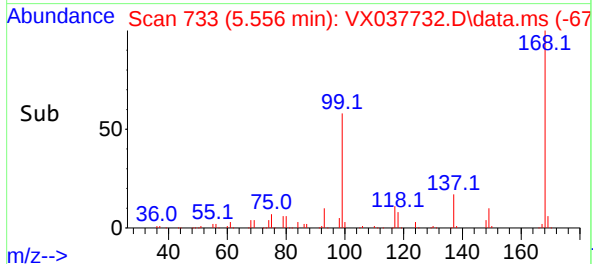


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

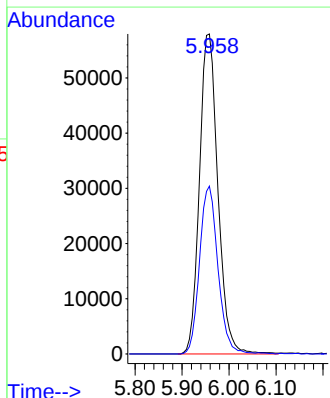
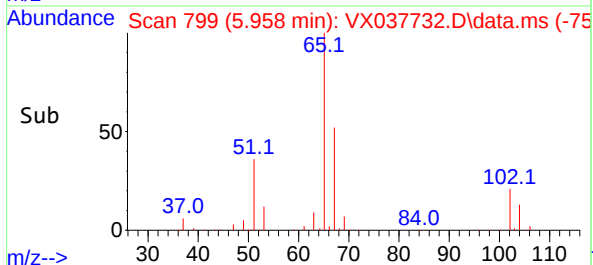
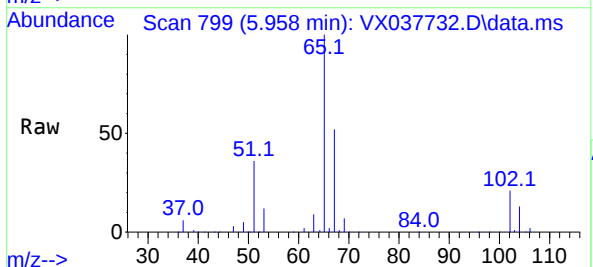


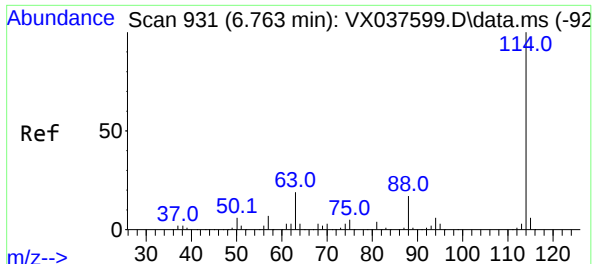
Tgt Ion: 56 Resp: 4915
Ion Ratio Lower Upper
56 100
69 182.0 23.4 35.2#
84 157.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.549 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 65 Resp: 157923
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

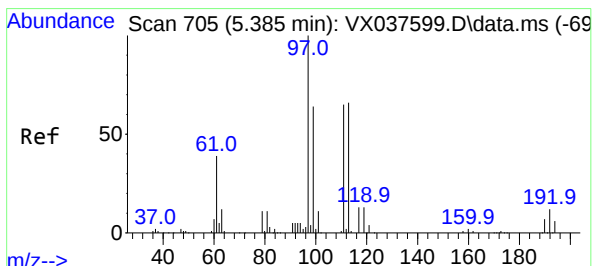
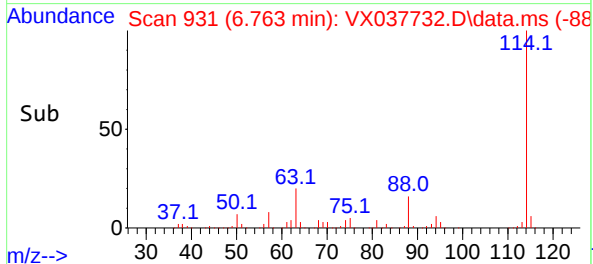
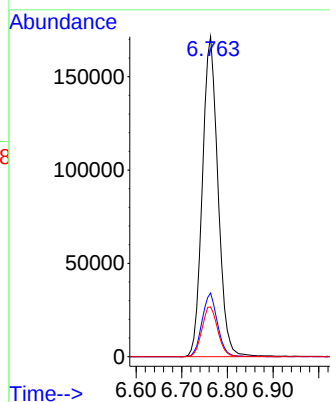
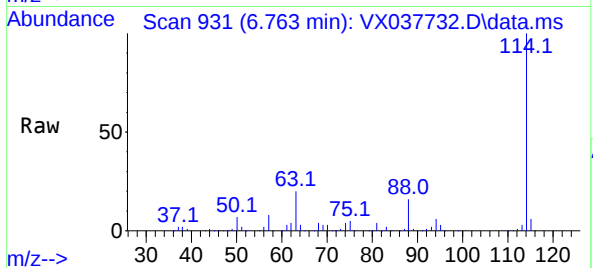




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

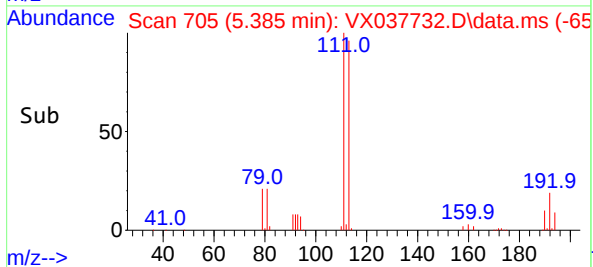
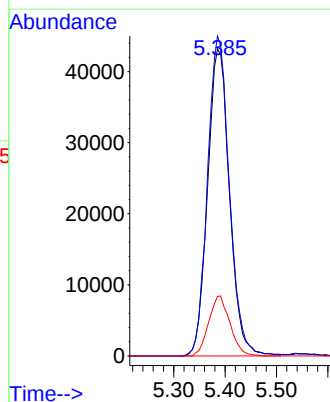
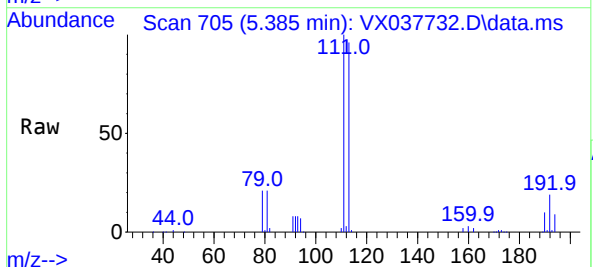
Instrument :
MSVOA_X
ClientSampleId :

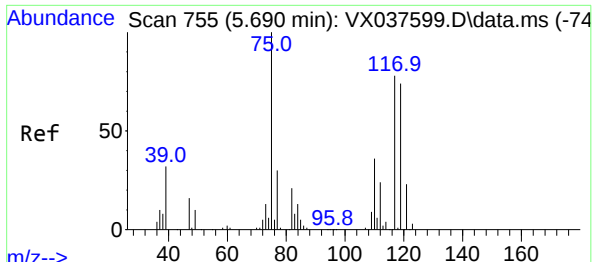
Tgt Ion:114 Resp: 405741
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.509 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

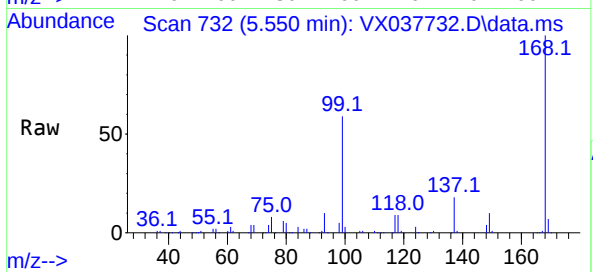
Tgt Ion:113 Resp: 128006
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.9 13.3 19.9



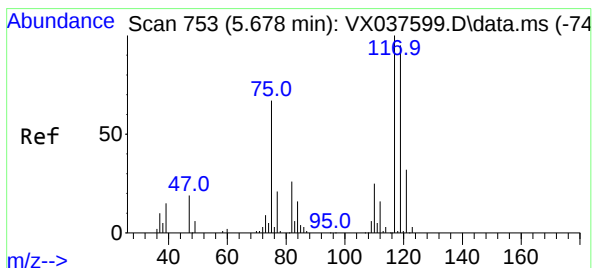
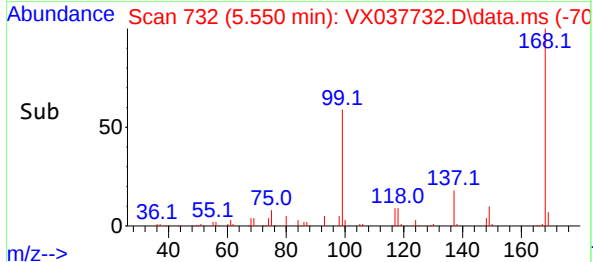
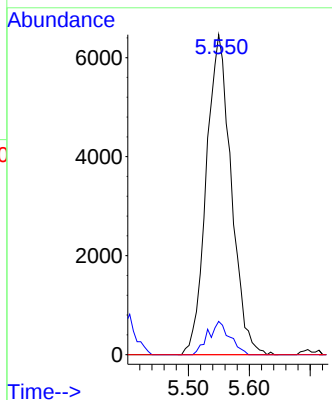


#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

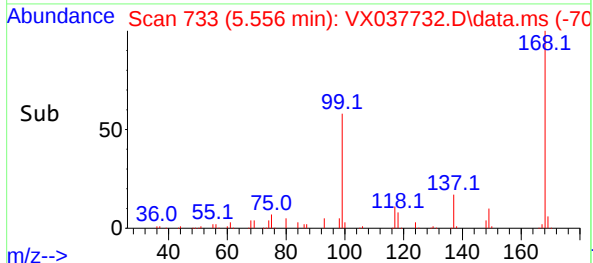
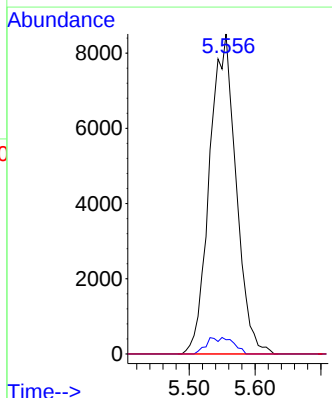
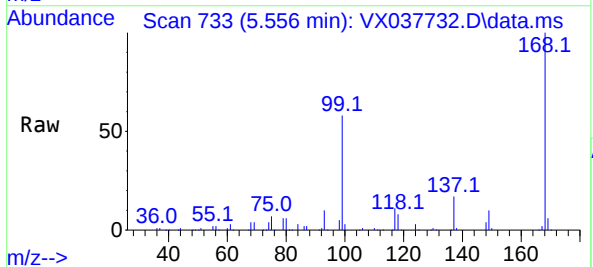


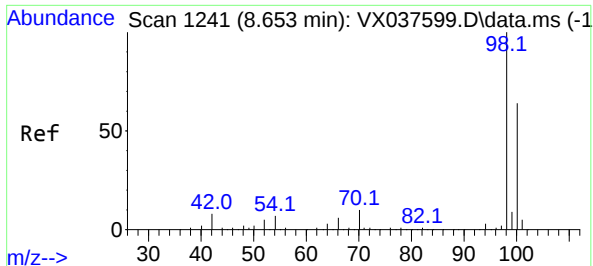
Tgt Ion: 75 Resp: 18358
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 117 Resp: 23849
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 44.448 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_X

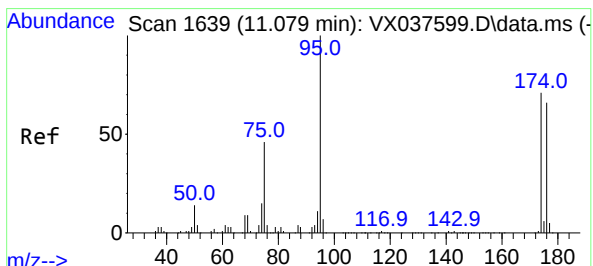
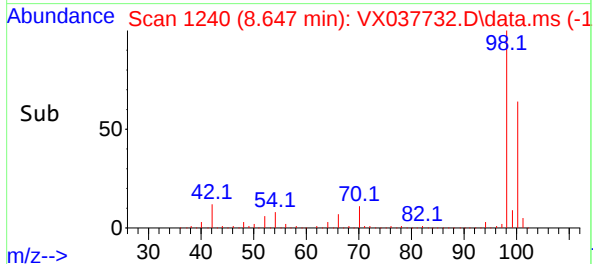
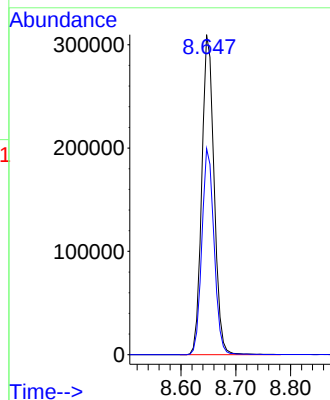
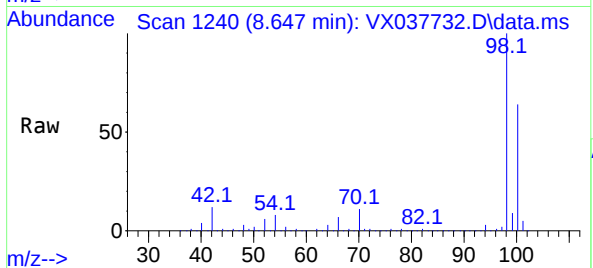
ClientSampleId :

Tgt Ion: 98 Resp: 482098

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.467 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037732.D

Acq: 14 Sep 2023 16:39

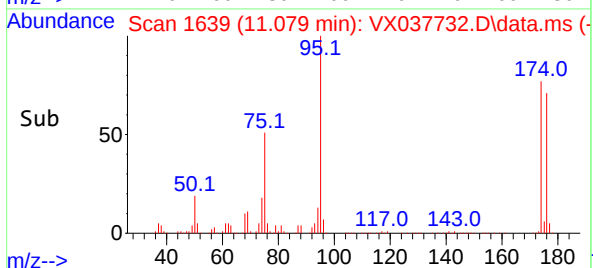
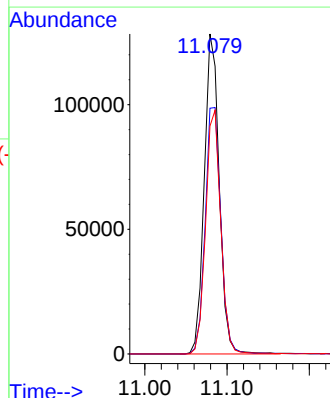
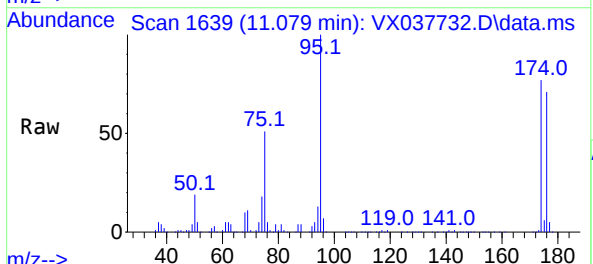
Tgt Ion: 95 Resp: 162264

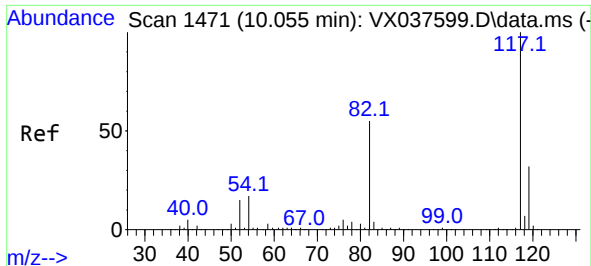
Ion Ratio Lower Upper

95 100

174 80.8 0.0 135.6

176 77.2 0.0 131.0

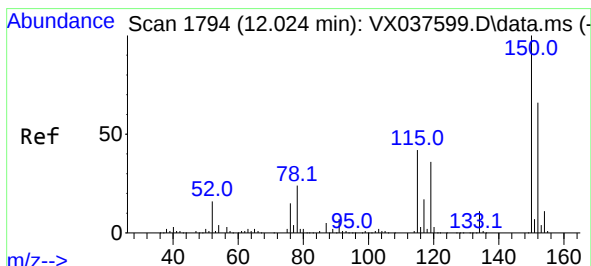
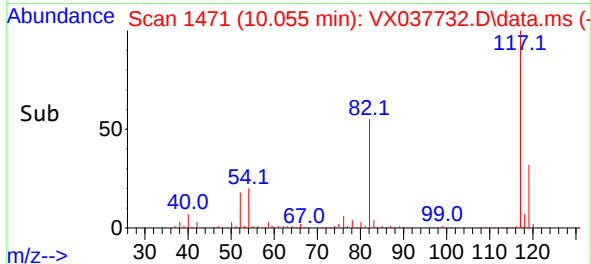
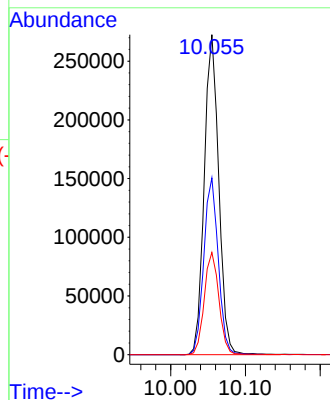
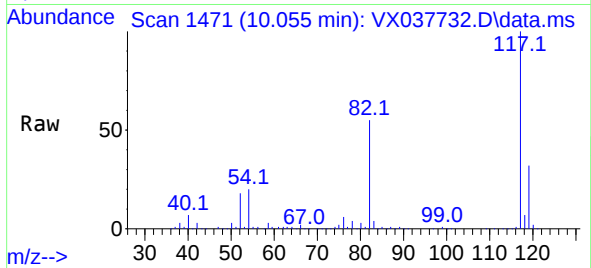




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

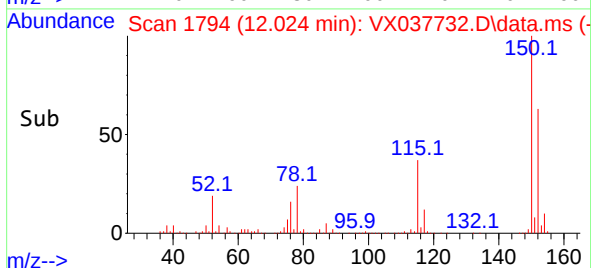
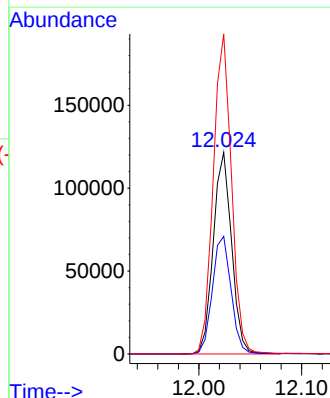
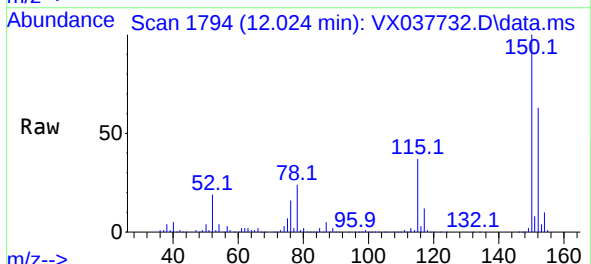
Instrument :
MSVOA_X
ClientSampleId :

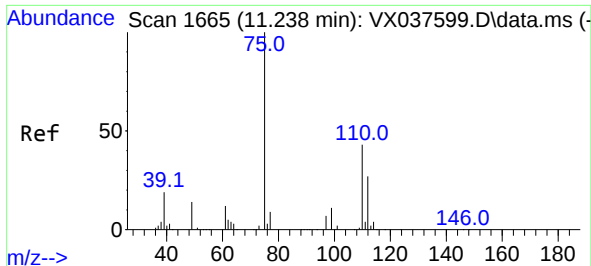
Tgt Ion:117 Resp: 367213
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

Tgt Ion:152 Resp: 150603
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 158.3 0.0 345.0

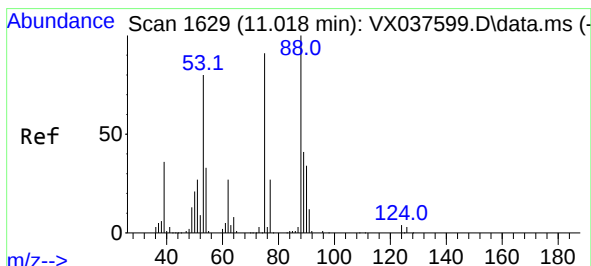
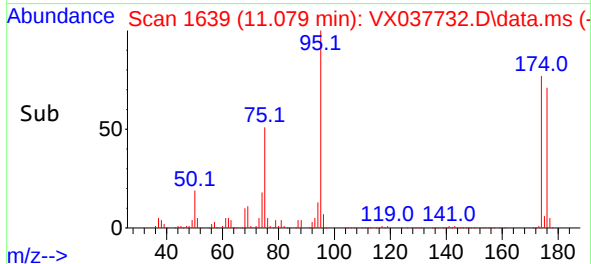
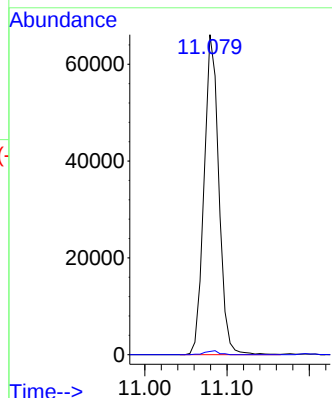
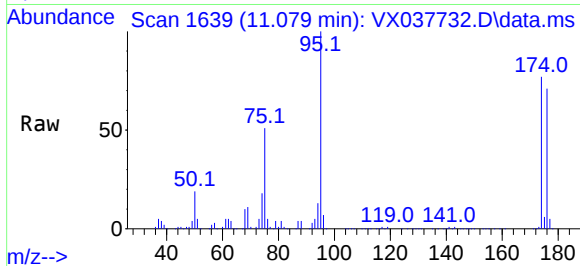




#76
1,2,3-Trichloropropane
Concen: 24.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

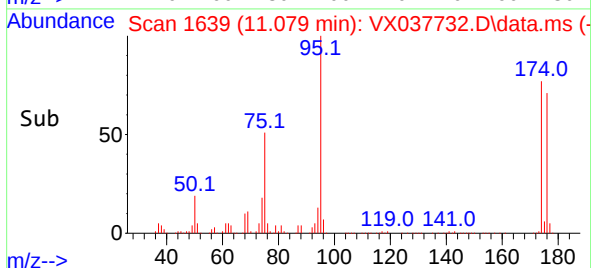
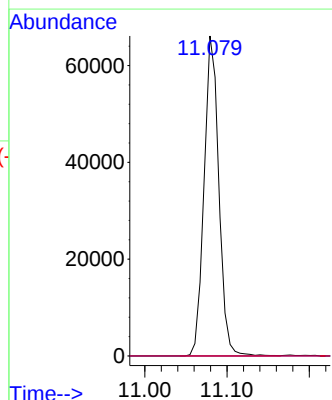
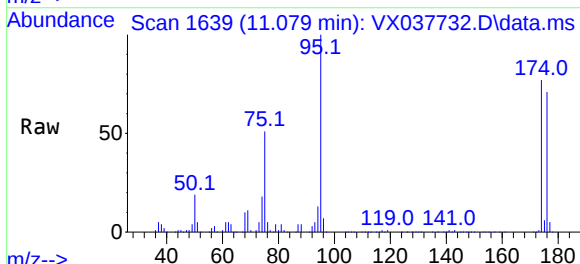
Instrument :
MSVOA_X
ClientSampleId :

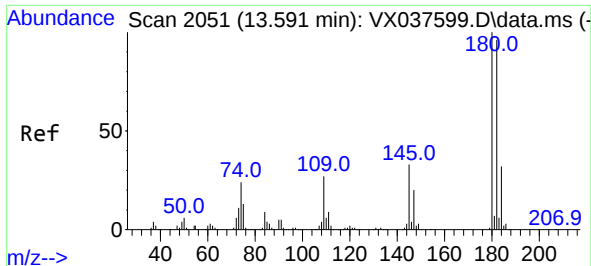
Tgt Ion: 75 Resp: 82423
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

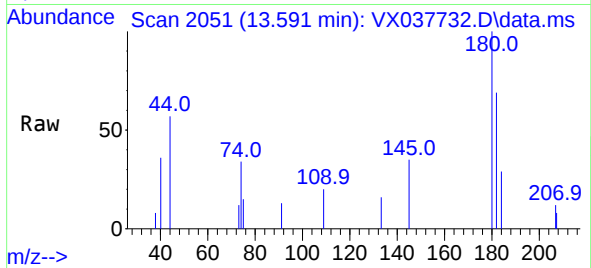
Tgt Ion: 75 Resp: 82423
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



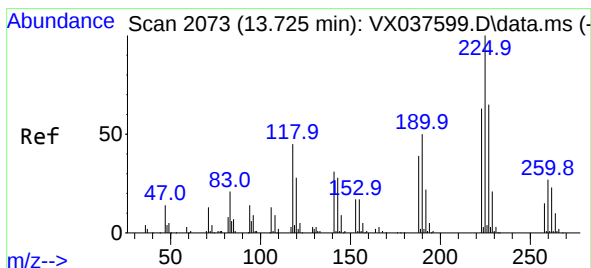
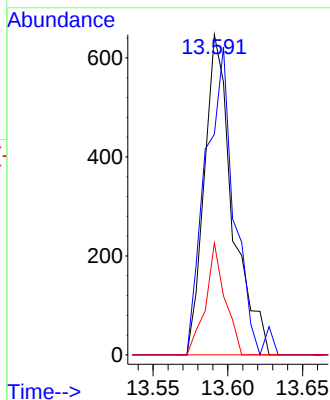
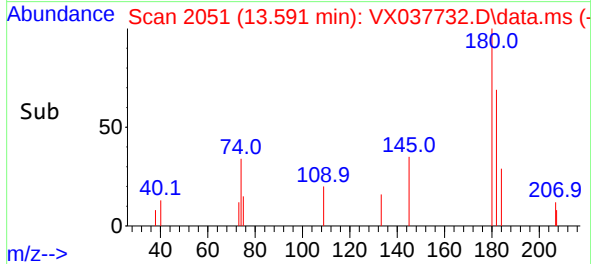


#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39

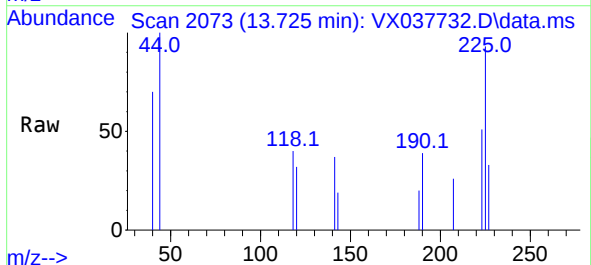
Instrument :
MSVOA_X
ClientSampleId :



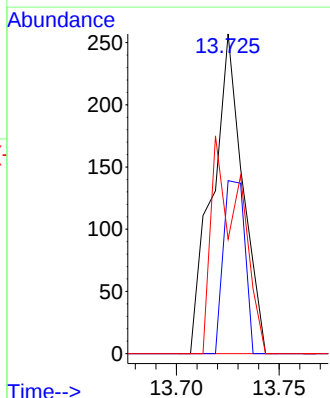
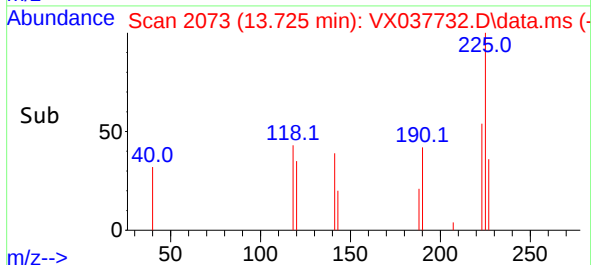
Tgt Ion:180 Resp: 848
Ion Ratio Lower Upper
180 100
182 98.6 48.3 144.8
145 23.9 18.0 54.0

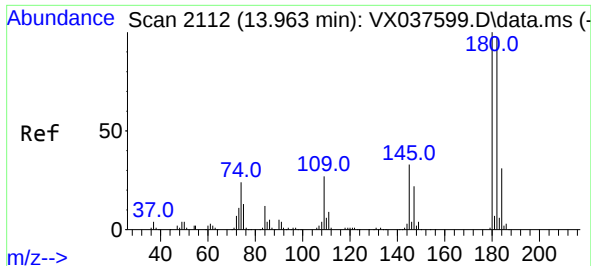


#94
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037732.D
Acq: 14 Sep 2023 16:39



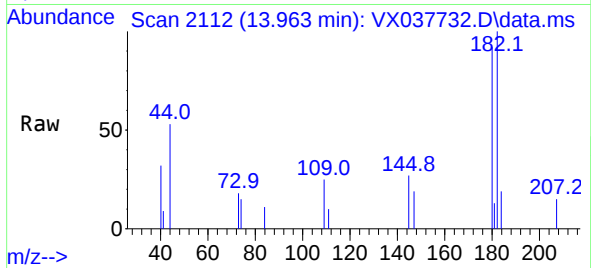
Tgt Ion:225 Resp: 264
Ion Ratio Lower Upper
225 100
223 38.3 31.1 93.2
227 64.0 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX037732.D
 Acq: 14 Sep 2023 16:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	666
Ion	Ratio	Lower	Upper
180	100		
182	90.8	46.9	140.6
145	32.9	17.8	53.5

