

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037913.D
 Acq On : 27 Sep 2023 10:41
 Operator : JC/MD
 Sample : VX0927WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBL01

Quant Time: Sep 28 01:16:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

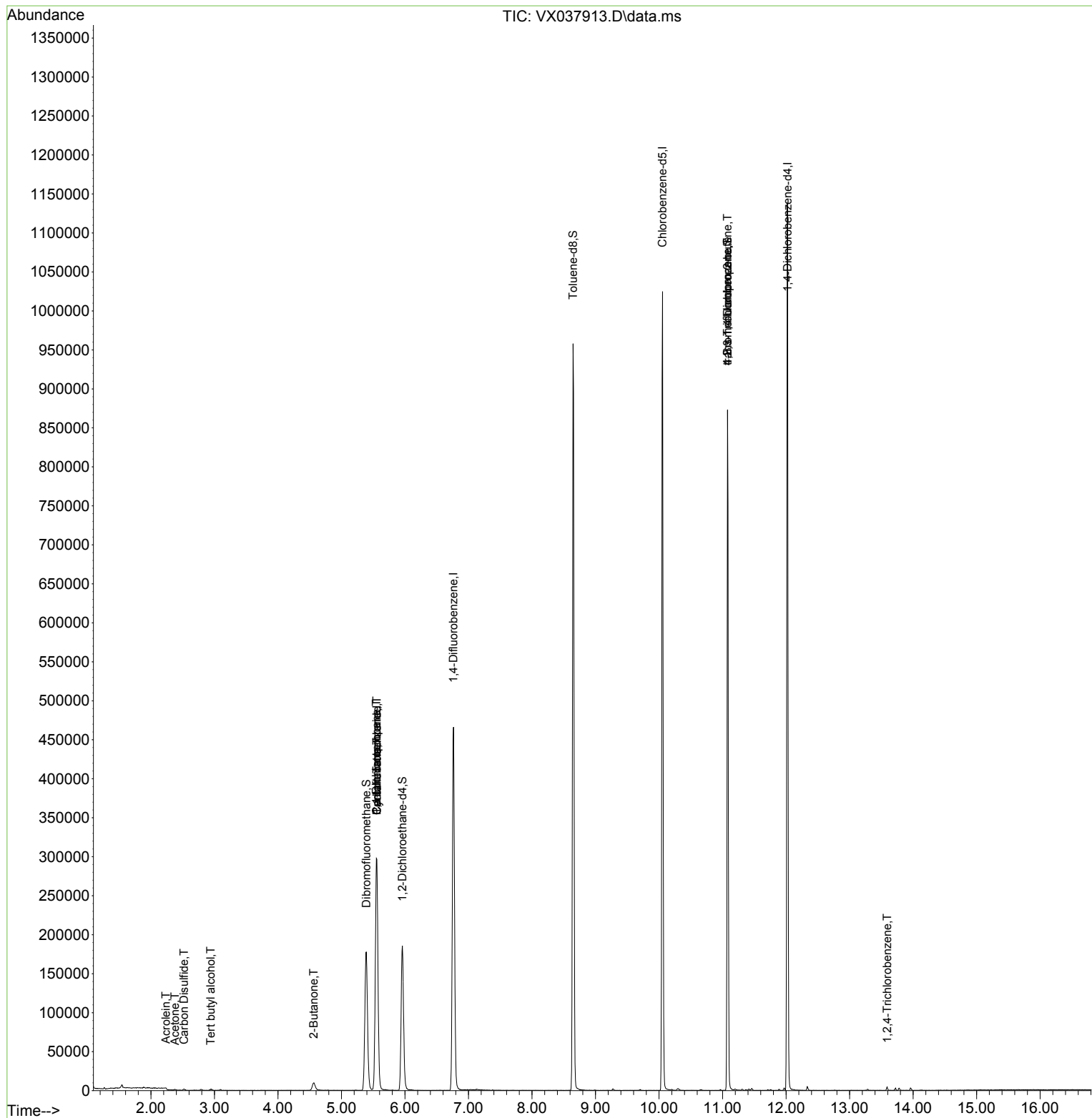
Internal Standards						
1) Pentafluorobenzene	5.556	168	291067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	487864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178013	46.549	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.100%		
35) Dibromofluoromethane	5.391	113	157519	48.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	584159	48.162	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.079	95	223046	50.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.220%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	903	1.100	ug/l	# 78
13) Acrolein	2.233	56	269	0.332	ug/l	# 80
16) Acetone	2.380	43	1100	0.598	ug/l	# 87
17) Carbon Disulfide	2.520	76	1489	0.209	ug/l	98
25) 2-Butanone	4.562	43	642	0.247	ug/l	# 51
31) Cyclohexane	5.556	56	6208	1.265	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	21944	4.880	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	29341	6.236	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	115393	20.032	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	115393	64.170	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1375	0.271	ug/l	96

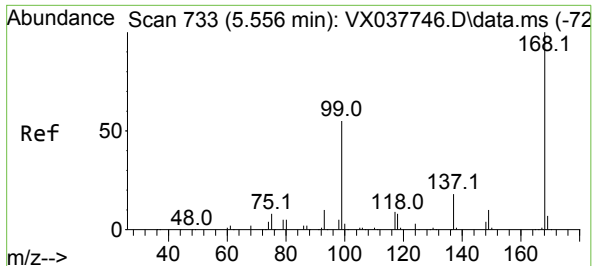
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
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Quant Time: Sep 28 01:16:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

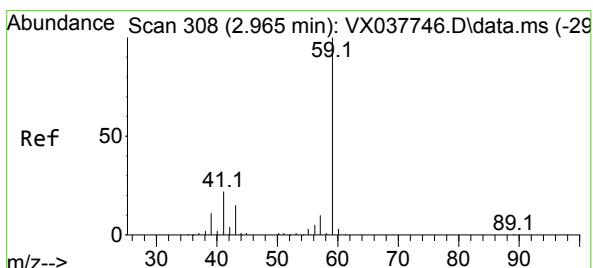
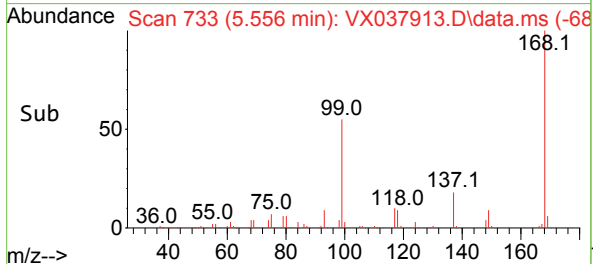
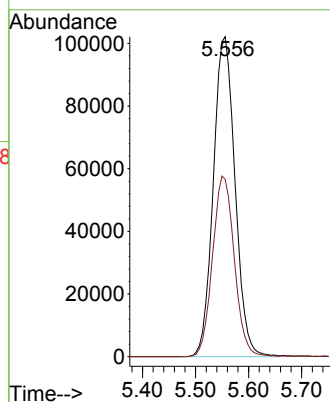
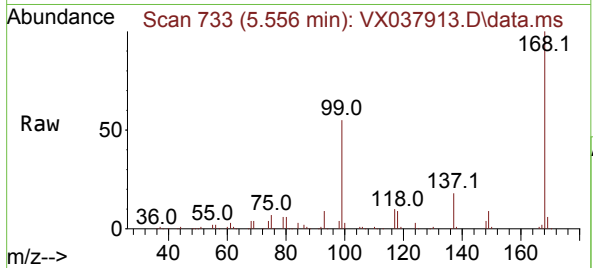




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

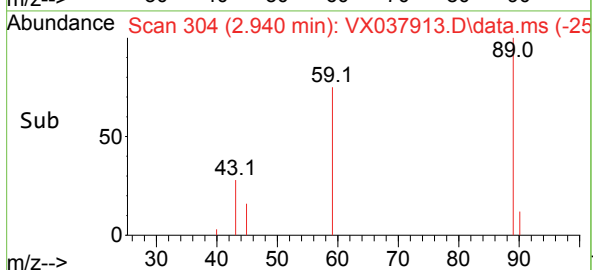
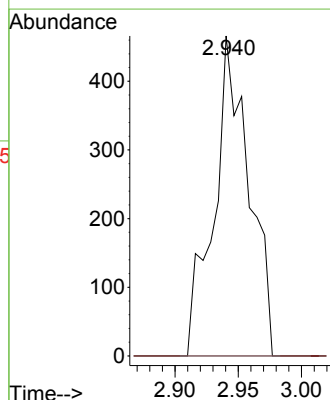
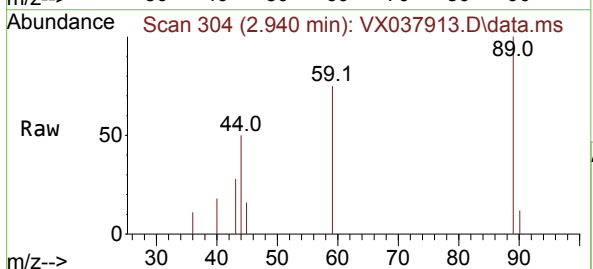
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

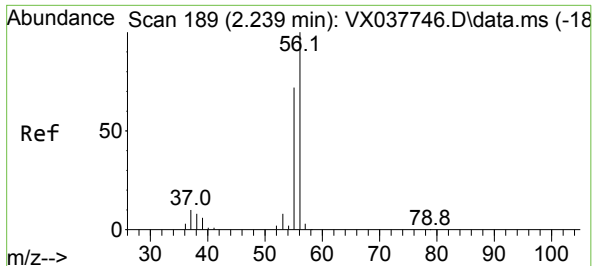
Tgt Ion:168 Resp: 291067
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.100 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion: 59 Resp: 903
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.332 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037913.D

Acq: 27 Sep 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :

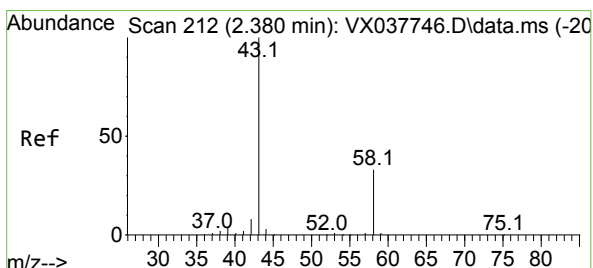
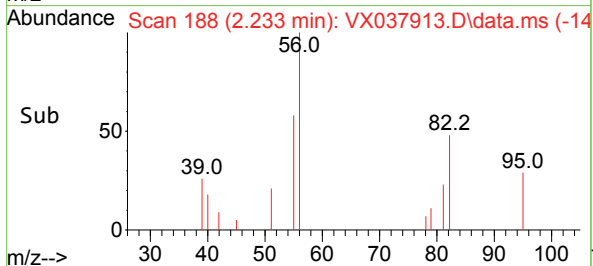
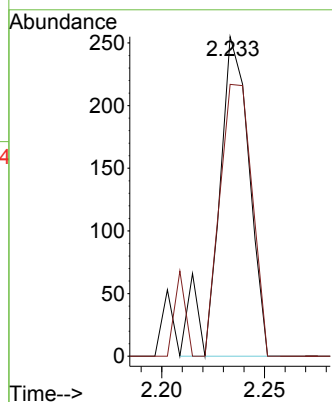
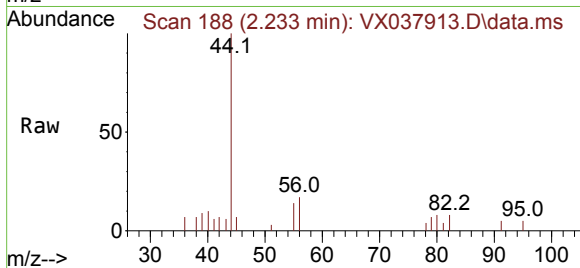
VX0927WBL01

Tgt Ion: 56 Resp: 269

Ion Ratio Lower Upper

56 100

55 88.1 57.1 85.7#



#16

Acetone

Concen: 0.598 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037913.D

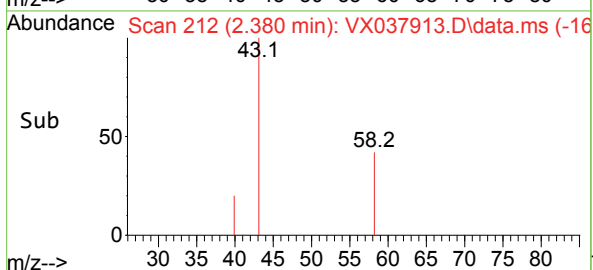
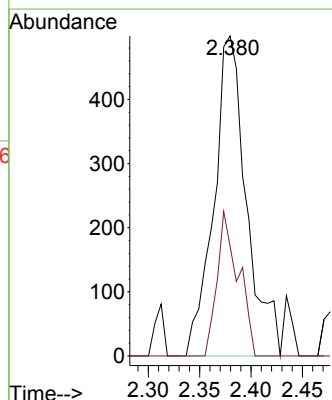
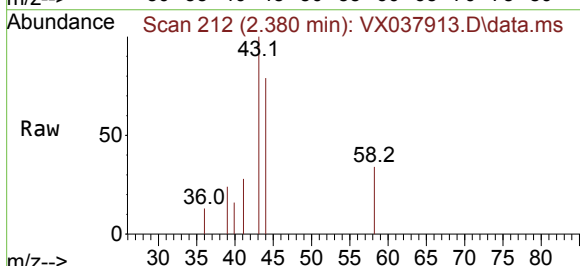
Acq: 27 Sep 2023 10:41

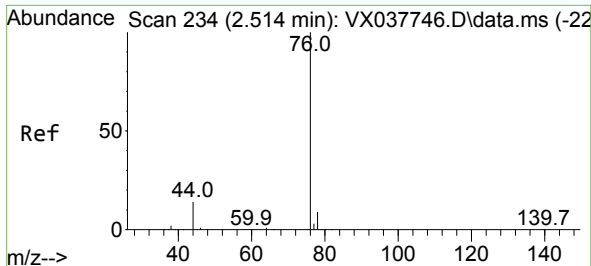
Tgt Ion: 43 Resp: 1100

Ion Ratio Lower Upper

43 100

58 34.3 21.9 32.9#

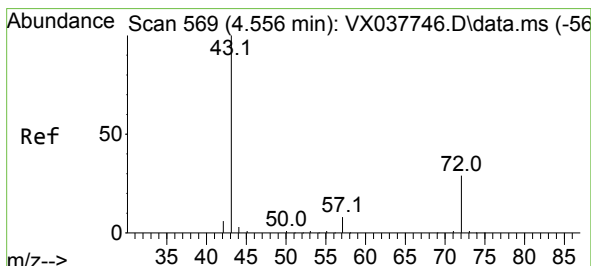
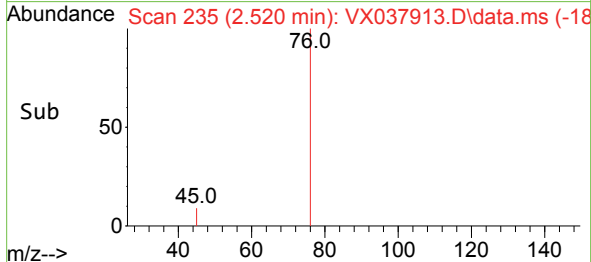
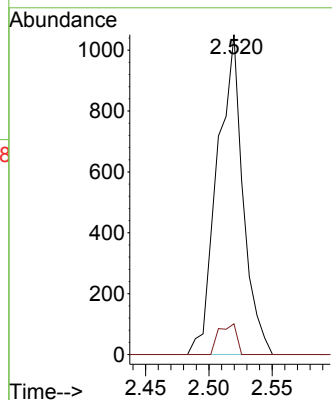
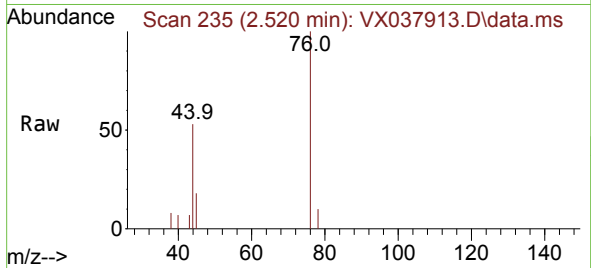




#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

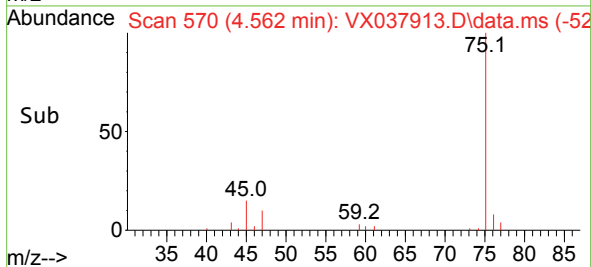
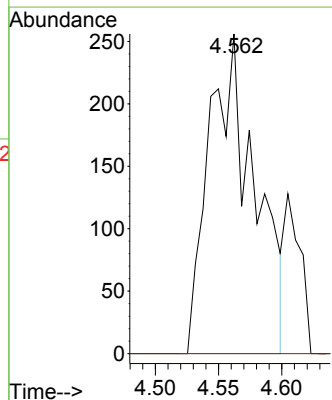
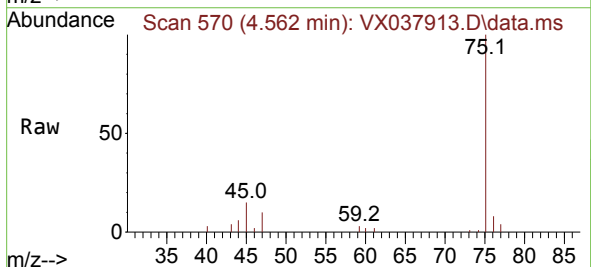
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

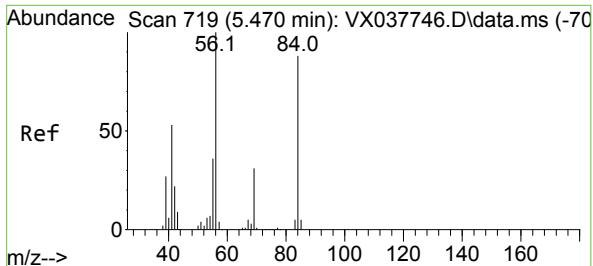
Tgt Ion: 76 Resp: 1489
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#25
2-Butanone
Concen: 0.247 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

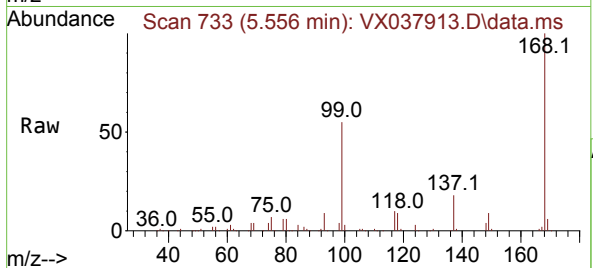
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



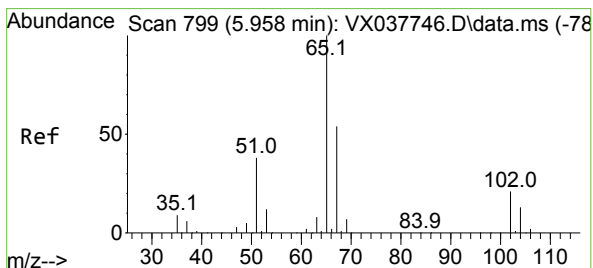
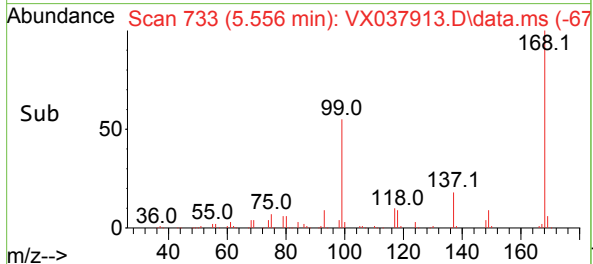
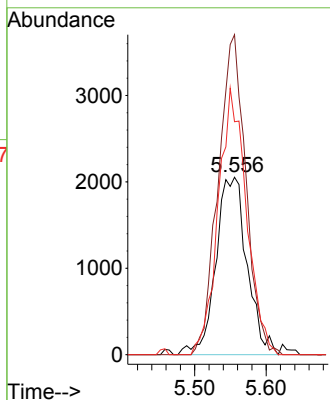


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

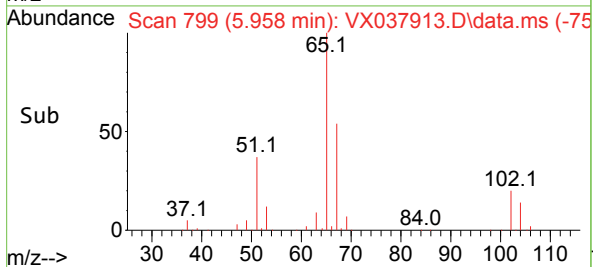
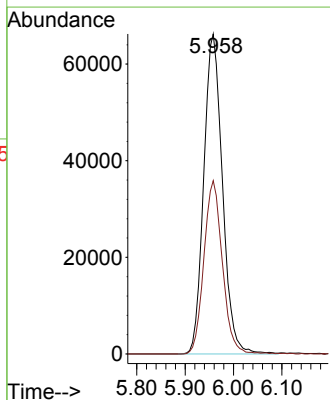
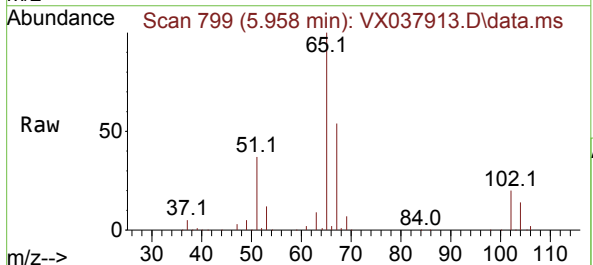


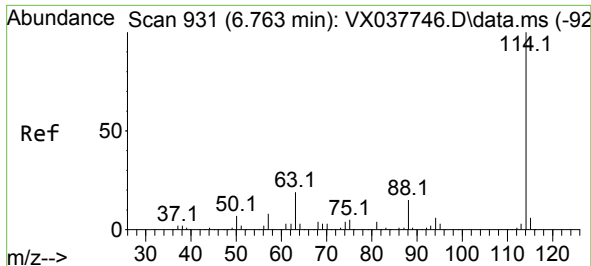
Tgt Ion: 56 Resp: 6208
Ion Ratio Lower Upper
56 100
69 180.4 23.4 35.2#
84 131.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.549 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion: 65 Resp: 178013
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

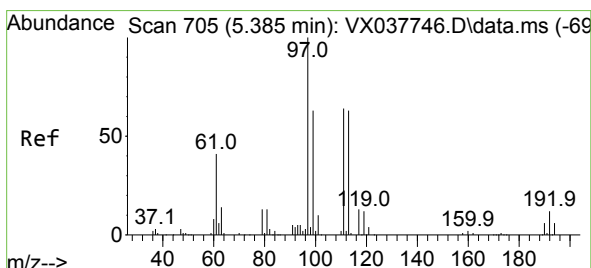
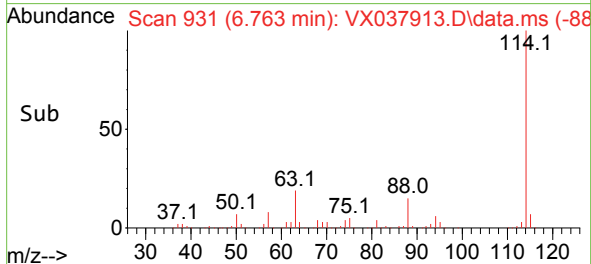
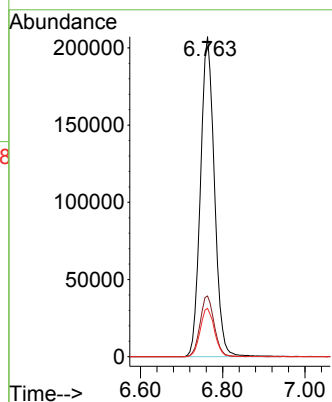
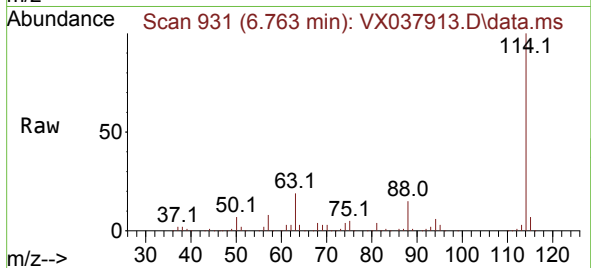




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

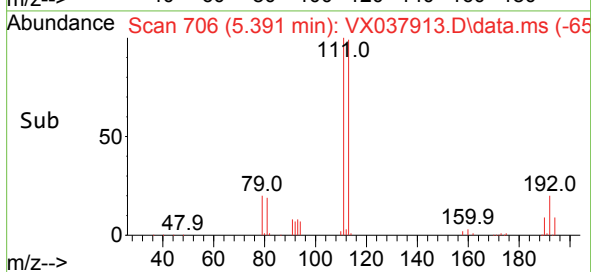
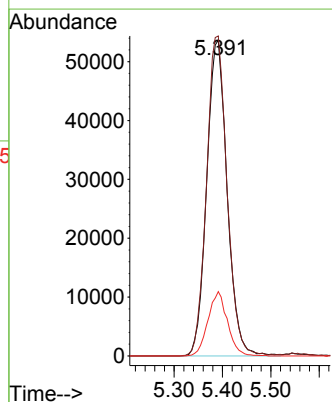
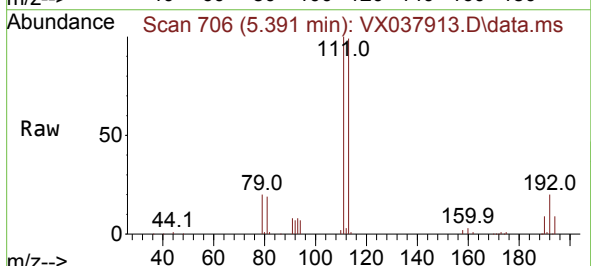
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

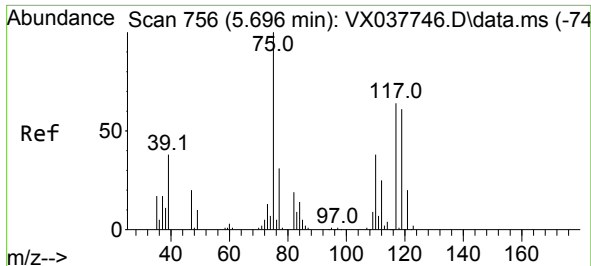
Tgt Ion:114 Resp: 487864
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion:113 Resp: 157519
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.5 13.3 19.9

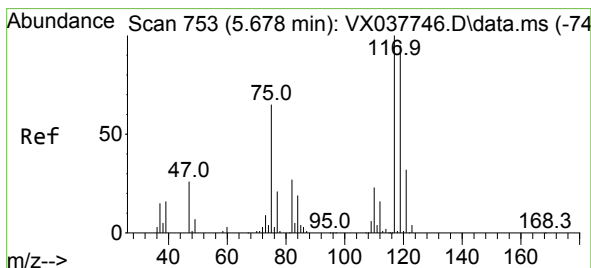
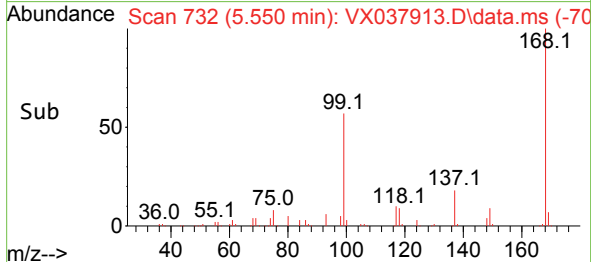
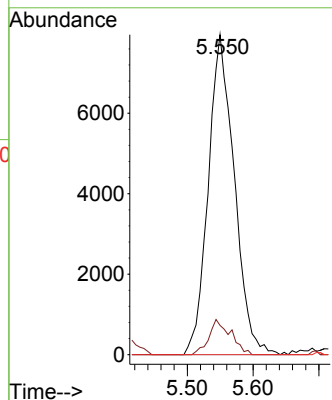
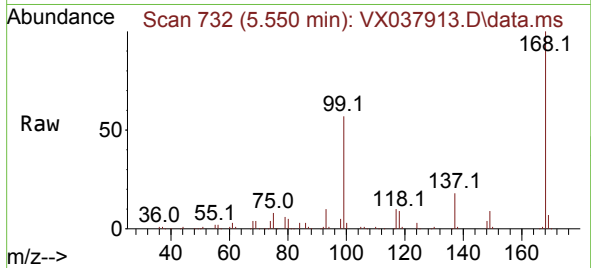




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

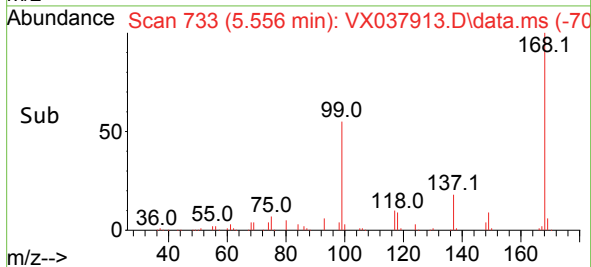
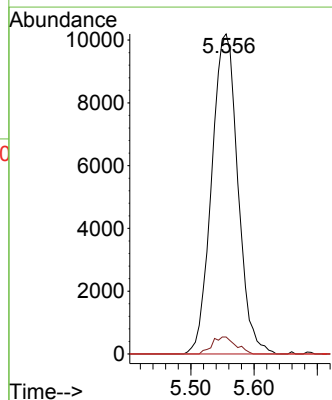
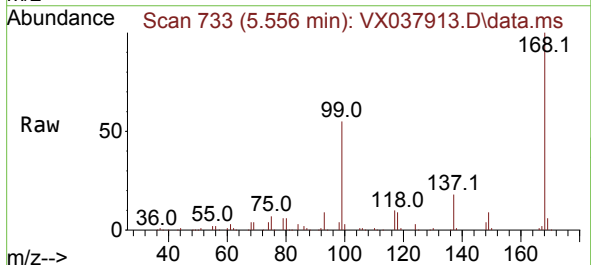
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VX0927WBL01

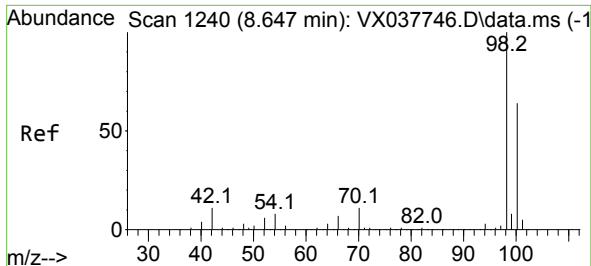
Tgt Ion: 75 Resp: 21944
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion: 117 Resp: 29341
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

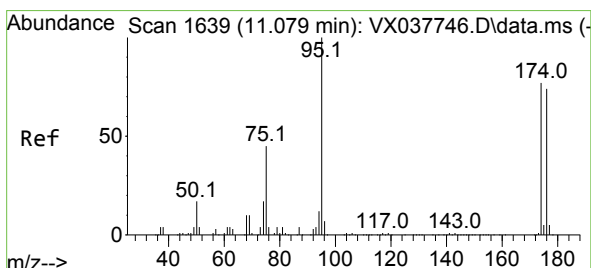
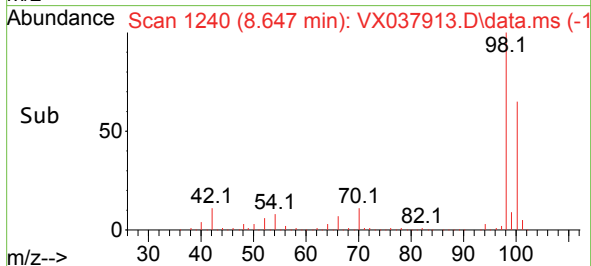
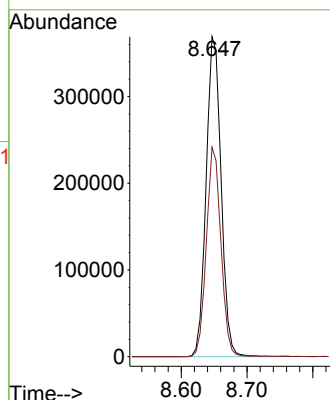
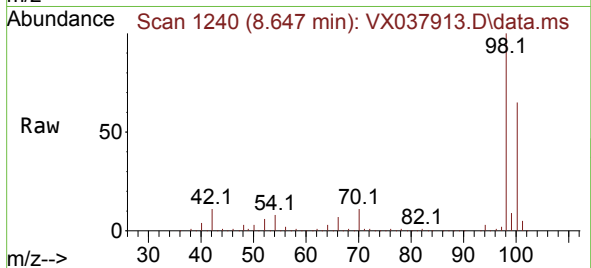




#50
Toluene-d8
Concen: 48.162 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

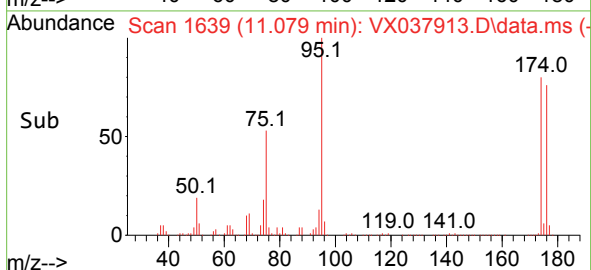
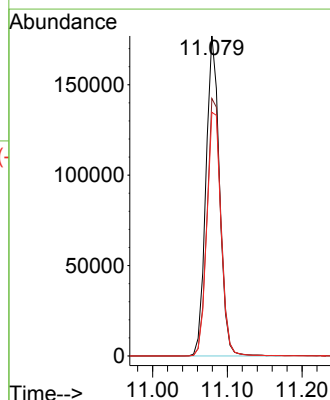
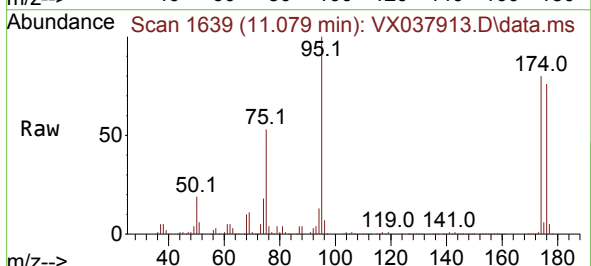
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

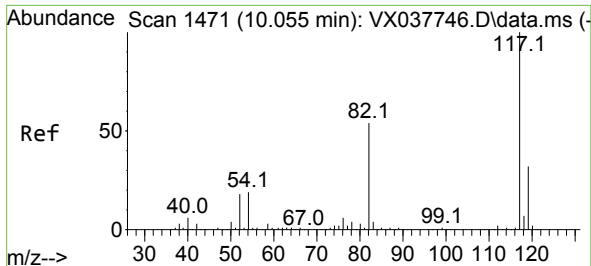
Tgt Ion: 98 Resp: 584159
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion: 95 Resp: 223046
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 79.7 0.0 131.0

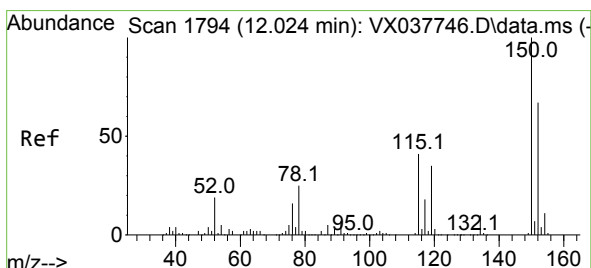
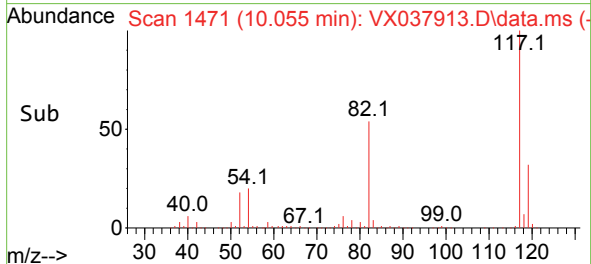
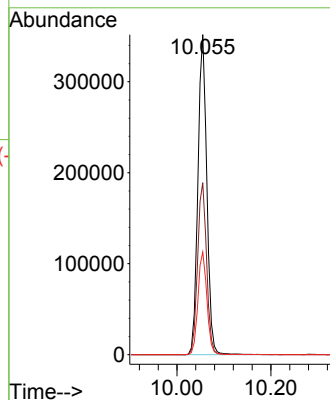
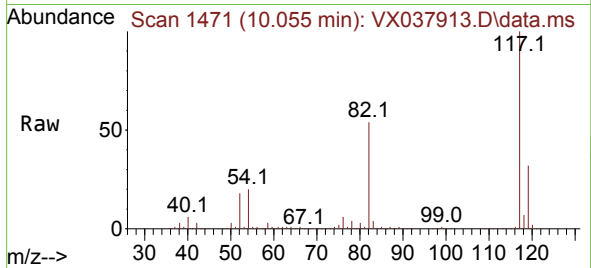




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

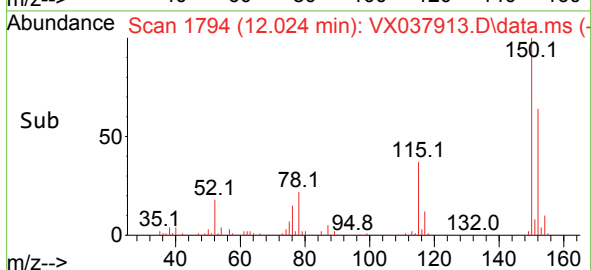
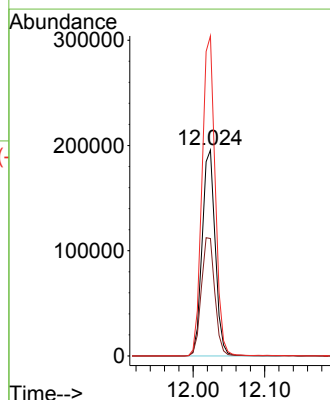
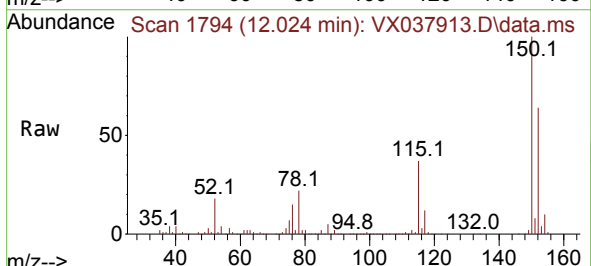
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MSVOA_X
ClientSampleId :
VX0927WBL01

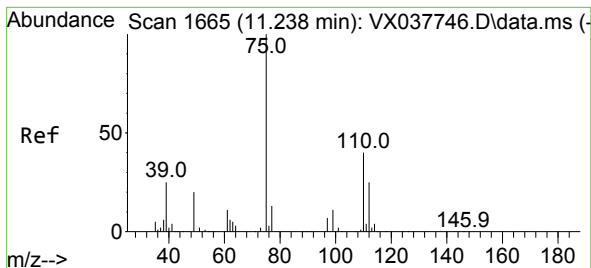
Tgt Ion:117 Resp: 467096
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037913.D
Acq: 27 Sep 2023 10:41

Tgt Ion:152 Resp: 249056
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.032 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037913.D

Acq: 27 Sep 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :

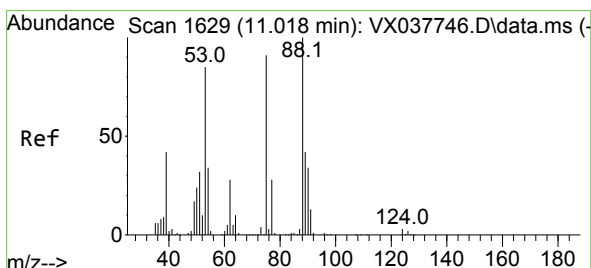
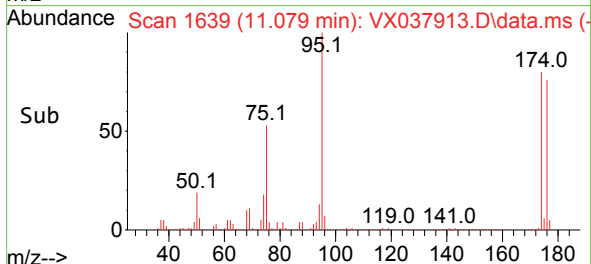
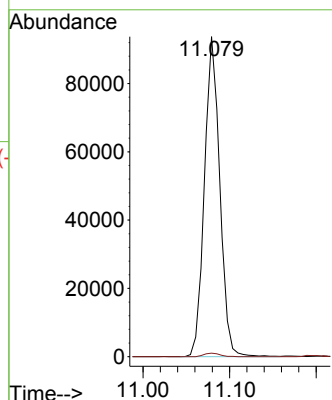
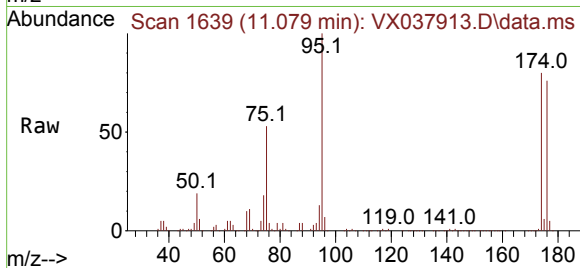
VX0927WBL01

Tgt Ion: 75 Resp: 115393

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.170 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037913.D

Acq: 27 Sep 2023 10:41

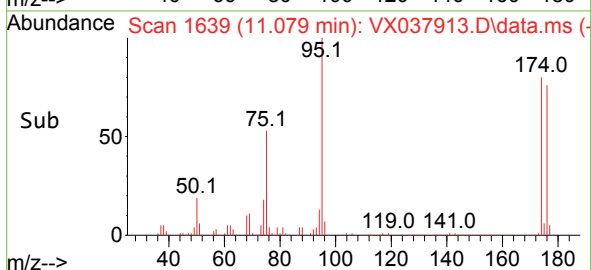
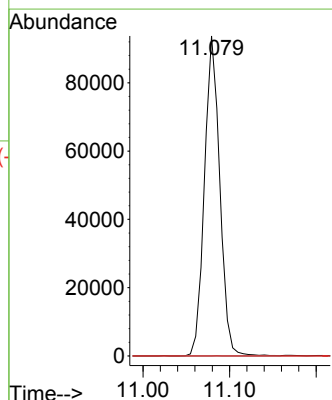
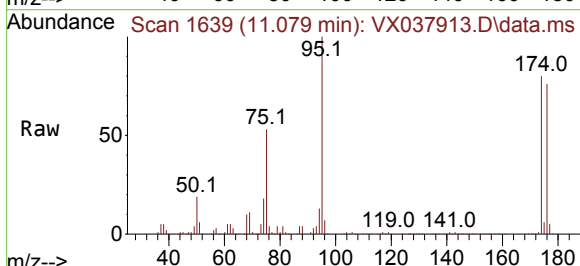
Tgt Ion: 75 Resp: 115393

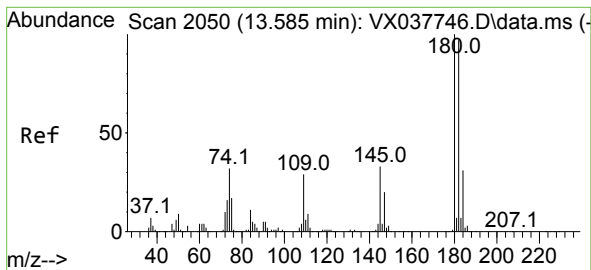
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX037913.D
 Acq: 27 Sep 2023 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBL01

Tgt Ion:180	Resp:	1375
Ion	Ratio	Lower Upper
180	100	
182	96.1	48.3 144.8
145	28.4	18.0 54.0

