

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037917.D
 Acq On : 27 Sep 2023 12:16
 Operator : JC/MD
 Sample : 04622-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 28 01:18:31 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)

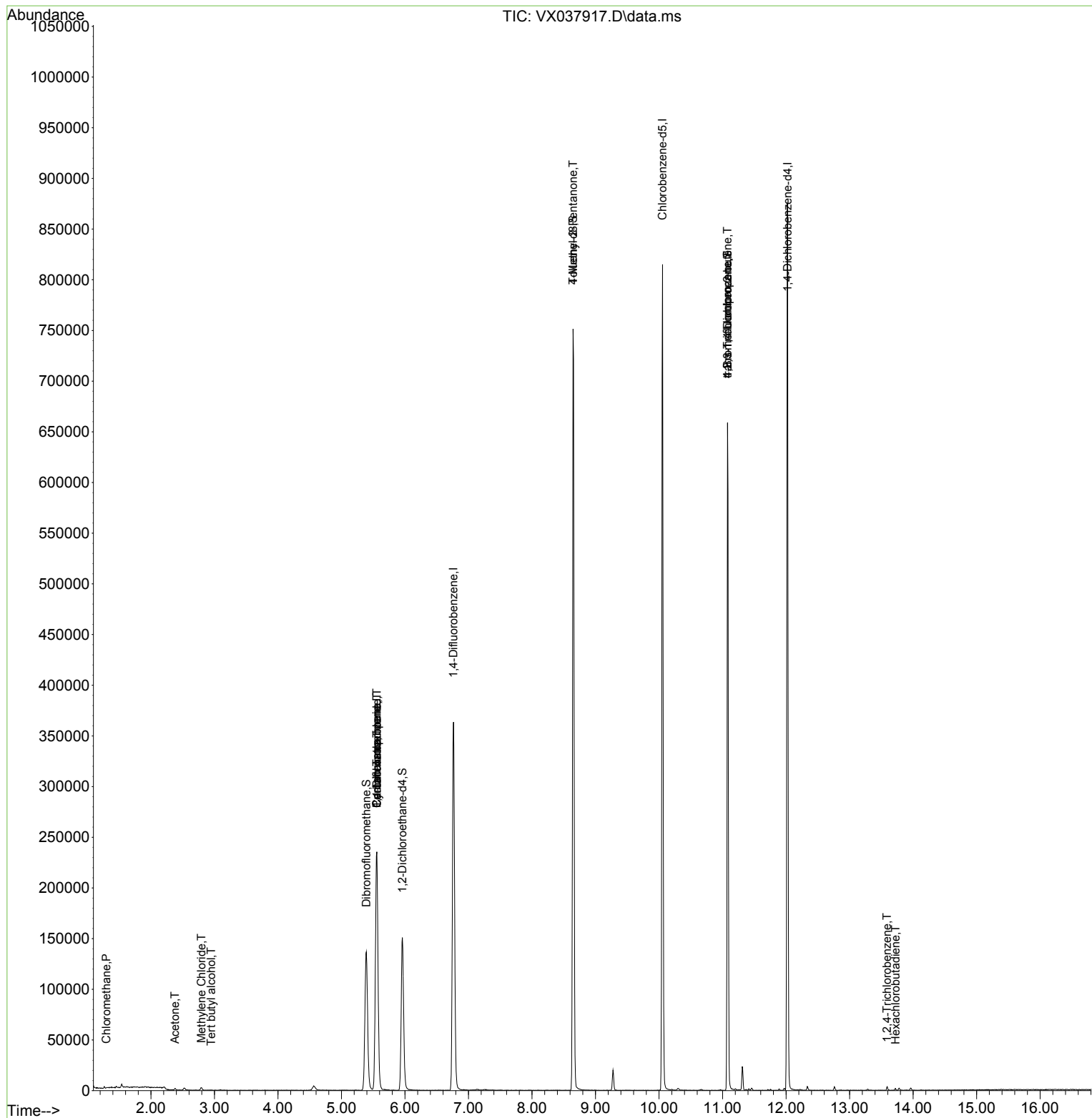
Internal Standards						
1) Pentafluorobenzene	5.556	168	227790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	386252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142518	47.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.240%		
35) Dibromofluoromethane	5.391	113	122698	47.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.960%		
50) Toluene-d8	8.647	98	466508	48.581	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	173814	49.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	553	0.212	ug/l	# 70
11) Tert butyl alcohol	2.946	59	129	0.201	ug/l	# 78
16) Acetone	2.379	43	1587	1.102	ug/l	# 83
20) Methylene Chloride	2.794	84	1403	0.502	ug/l	# 85
31) Cyclohexane	5.556	56	4878	1.270	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17483	4.911	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	23231	6.236	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2047	0.516	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	88397	19.834	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	88397	63.537	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1064	0.271	ug/l	98
94) Hexachlorobutadiene	13.725	225	374	0.204	ug/l	89

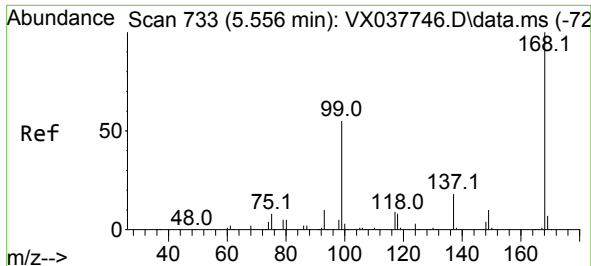
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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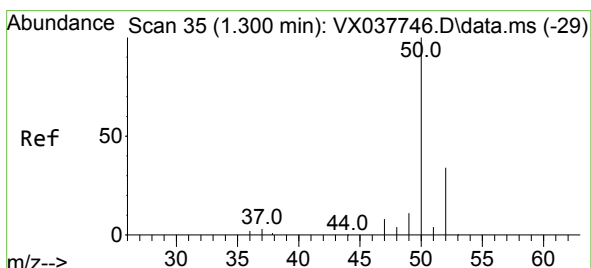
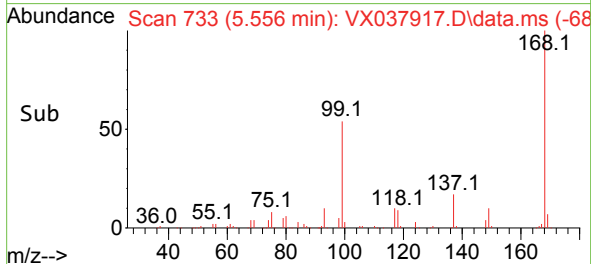
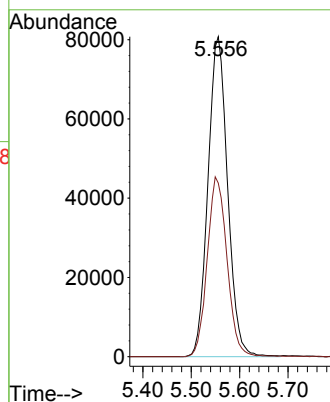
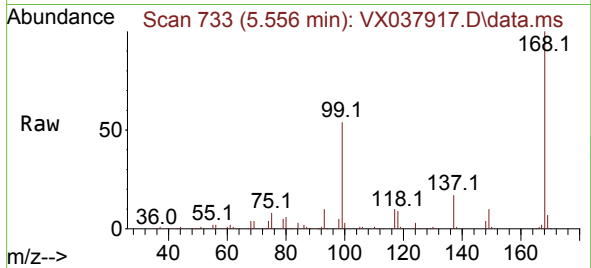




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

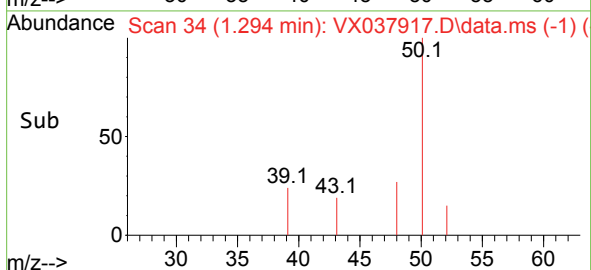
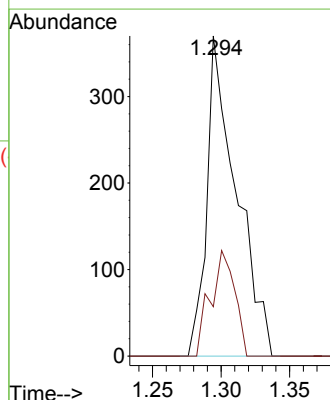
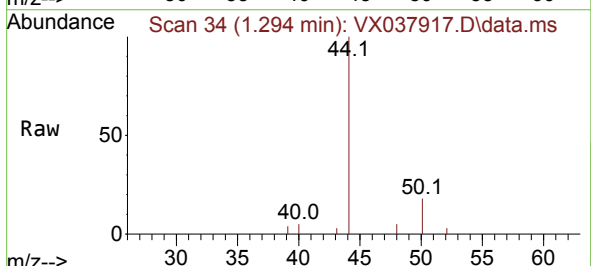
Instrument :
MSVOA_X
ClientSampleId :

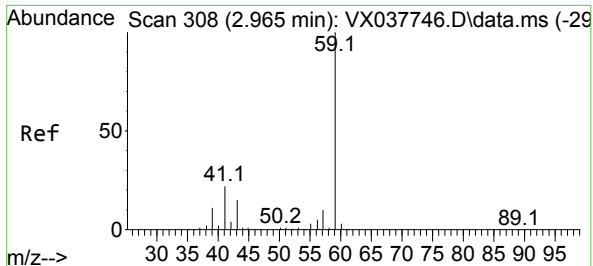
Tgt Ion:168 Resp: 227790
Ion Ratio Lower Upper
168 100
99 54.2 56.6 85.0#



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 15.4 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.201 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

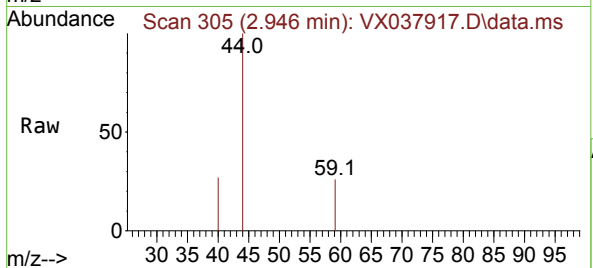
Lab File: VX037917.D

Acq: 27 Sep 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

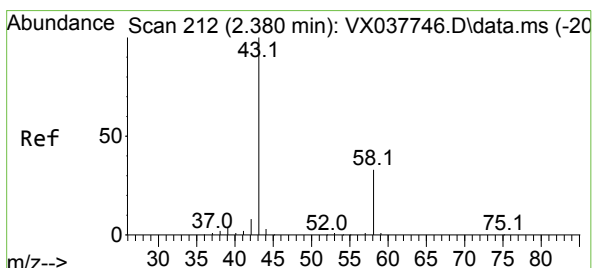
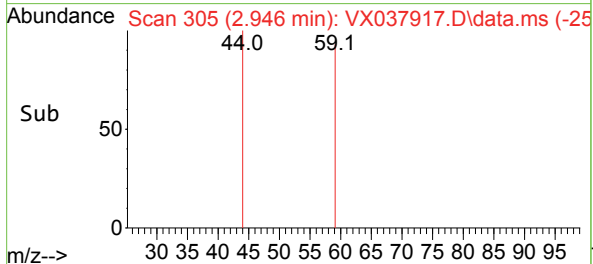
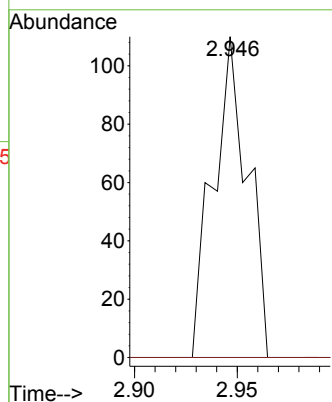


Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.102 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX037917.D

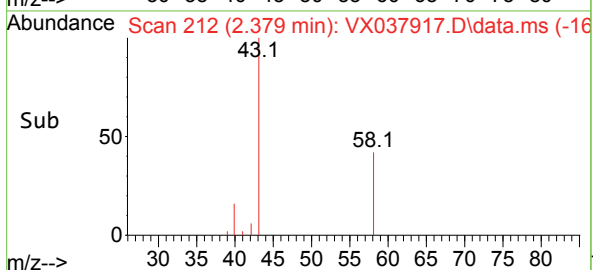
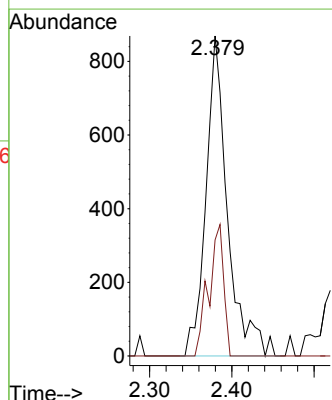
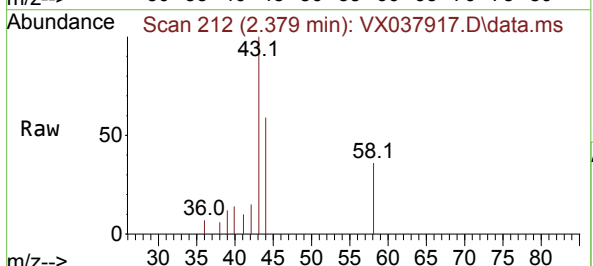
Acq: 27 Sep 2023 12:16

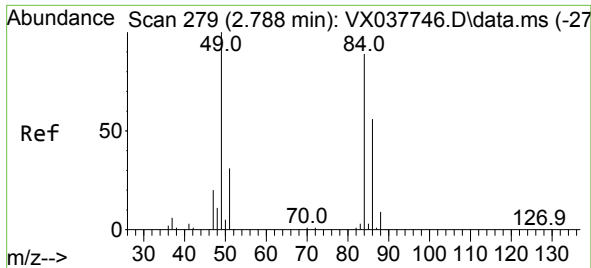
Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

43 100

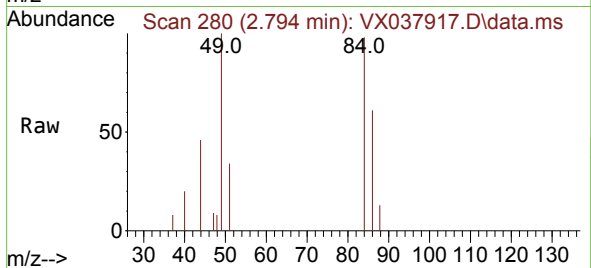
58 36.2 21.9 32.9#



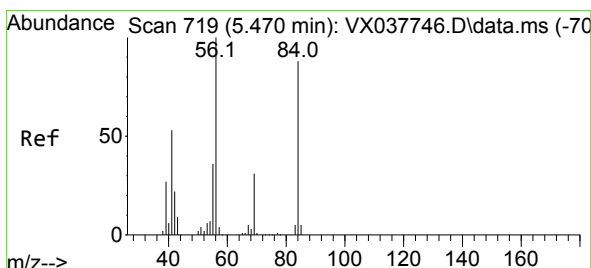
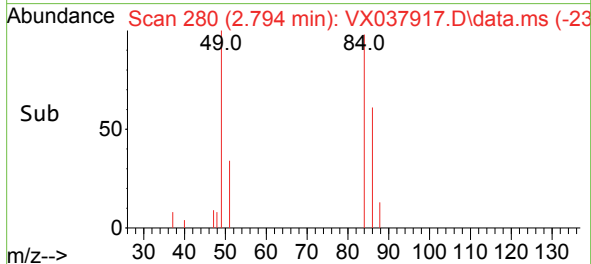
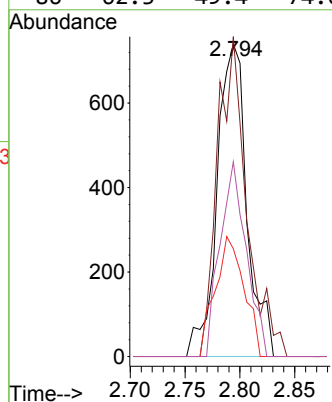


#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

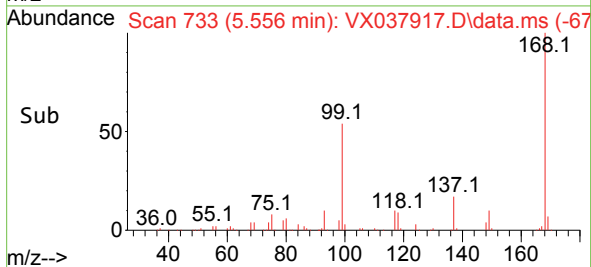
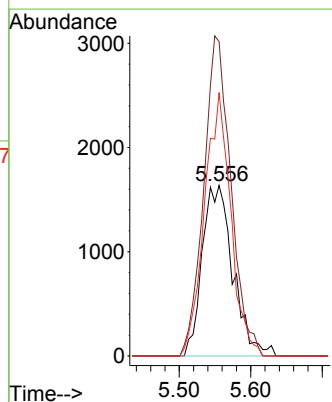
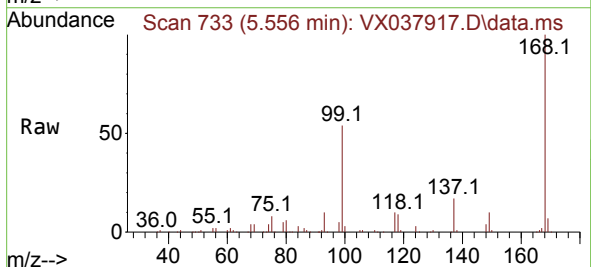


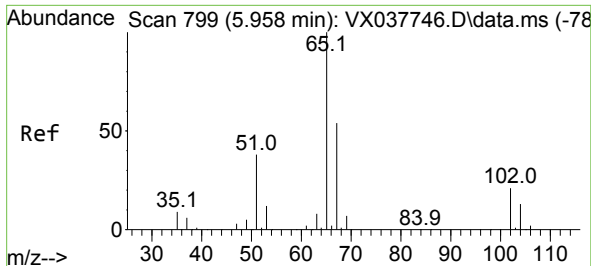
Tgt Ion:	84	Resp:	1403
Ion	Ratio	Lower	Upper
84	100		
49	102.3	103.6	155.4#
51	34.5	33.8	50.6
86	62.3	49.4	74.0



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Tgt Ion:	56	Resp:	4878
Ion	Ratio	Lower	Upper
56	100		
69	184.4	23.4	35.2#
84	154.5	65.9	98.9#

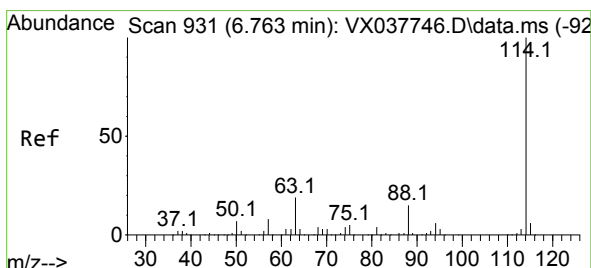
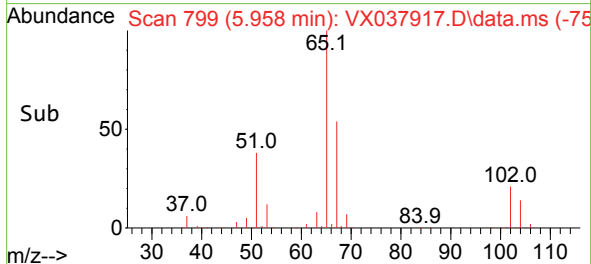
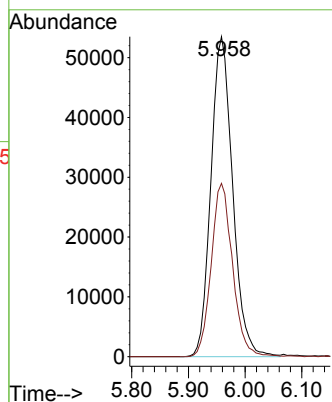
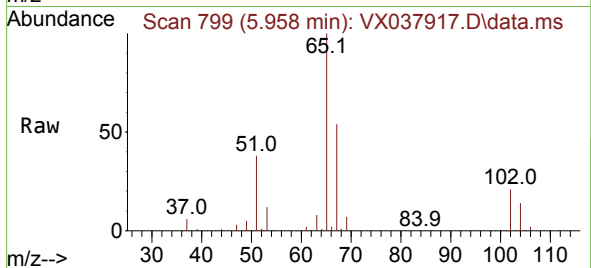




#33
1,2-Dichloroethane-d4
Concen: 47.620 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

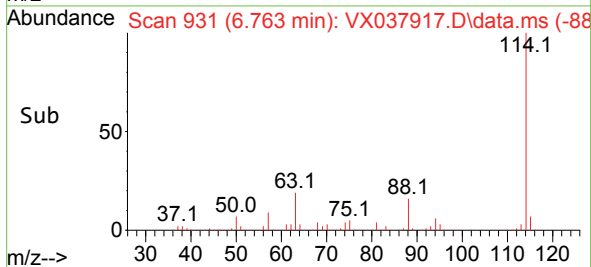
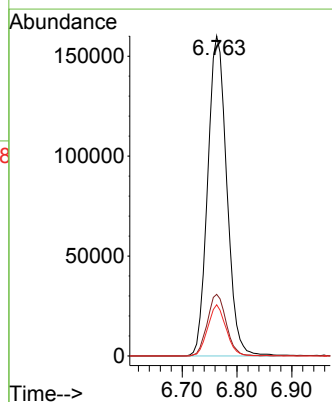
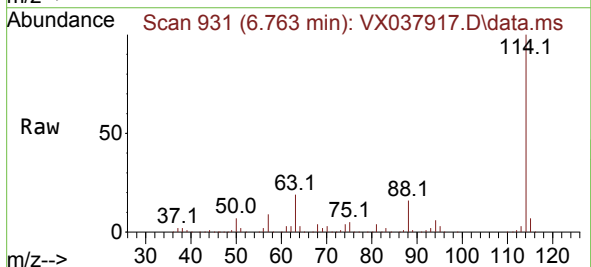
Instrument :
MSVOA_X
ClientSampleId :

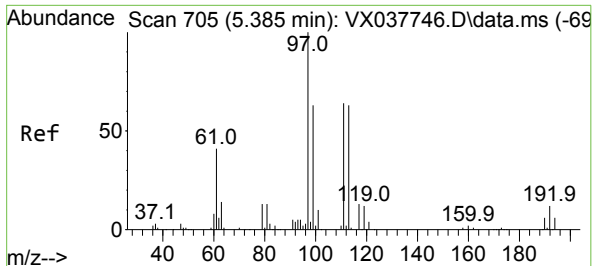
Tgt Ion: 65 Resp: 142518
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

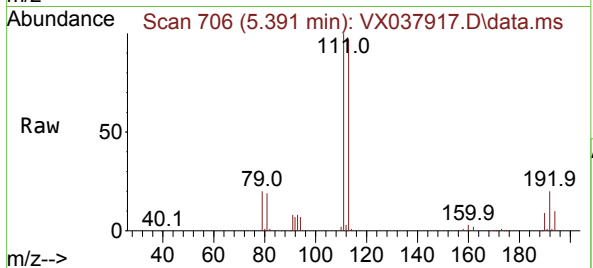
Tgt Ion: 114 Resp: 386252
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.0 0.0 36.6



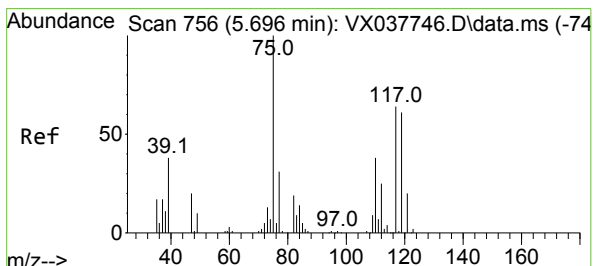
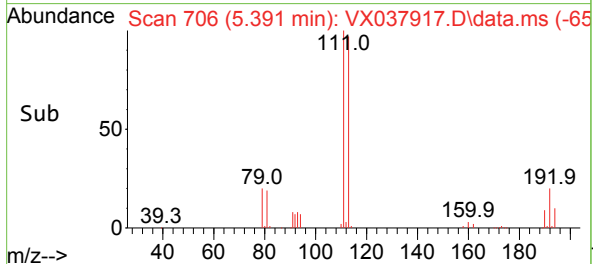
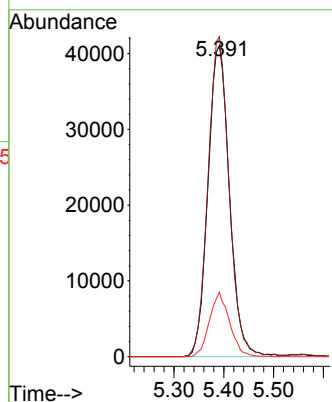


#35
Dibromofluoromethane
Concen: 47.476 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

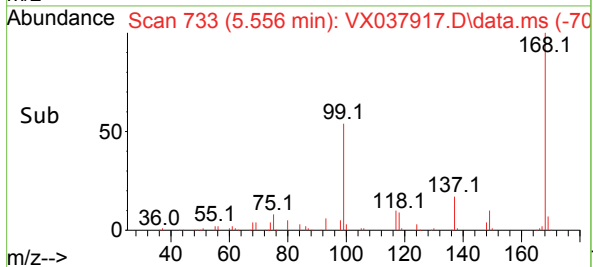
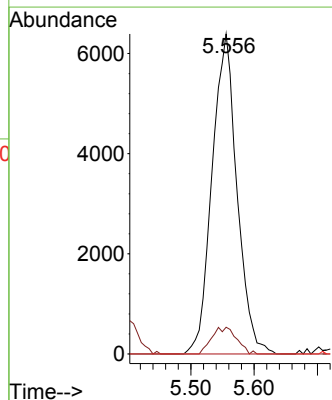
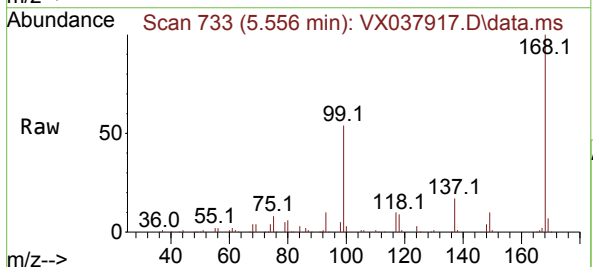


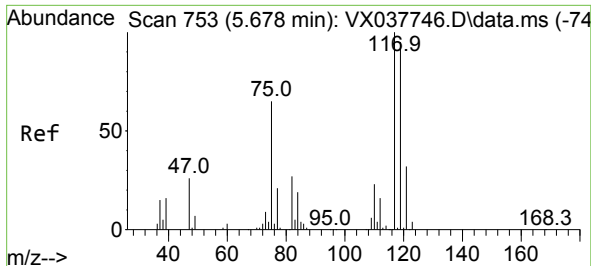
Tgt Ion:113 Resp: 122698
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

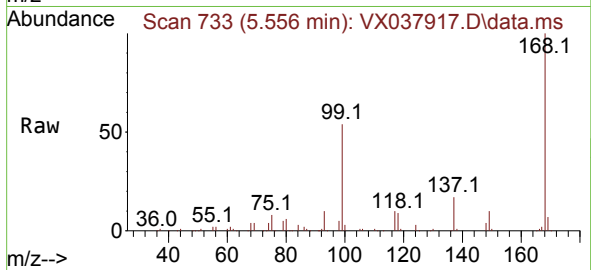
Tgt Ion: 75 Resp: 17483
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



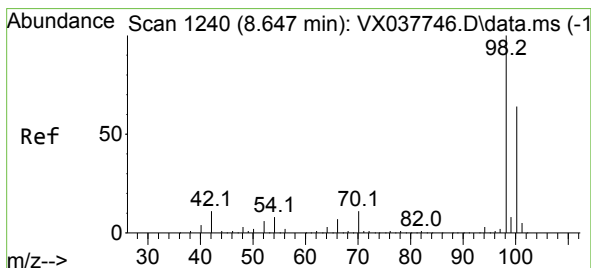
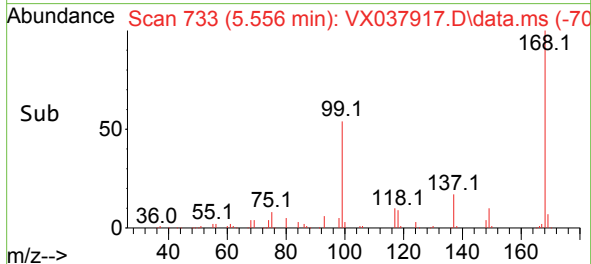
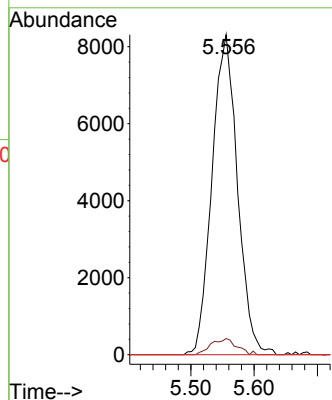


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Instrument :
MSVOA_X
ClientSampleId :

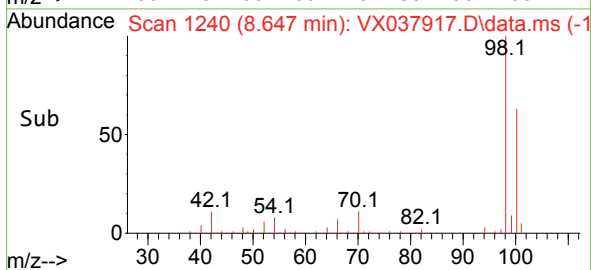
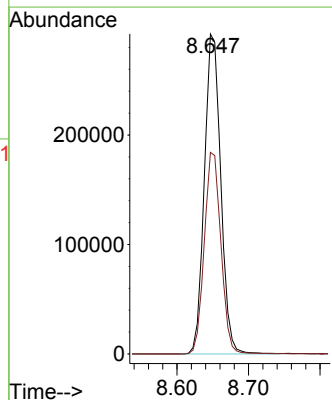
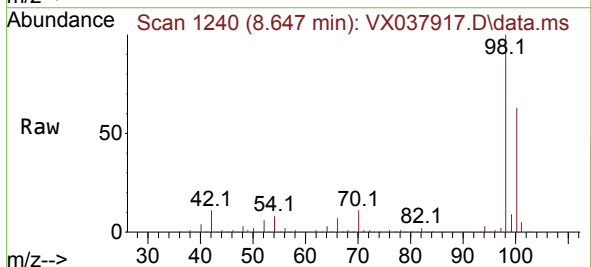


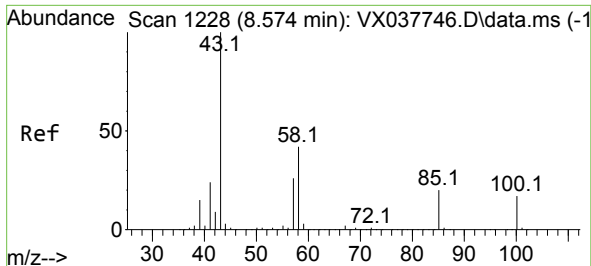
Tgt Ion:117 Resp: 23231
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

Tgt Ion: 98 Resp: 466508
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

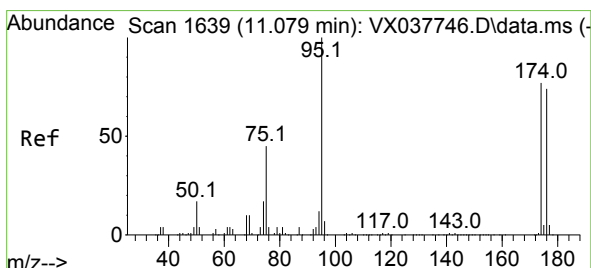
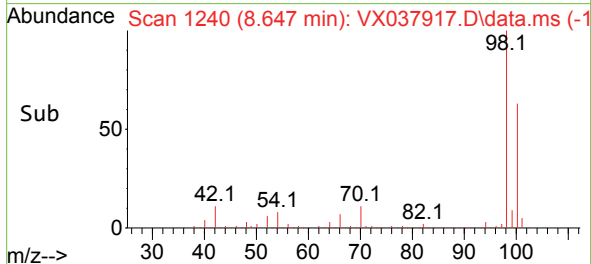
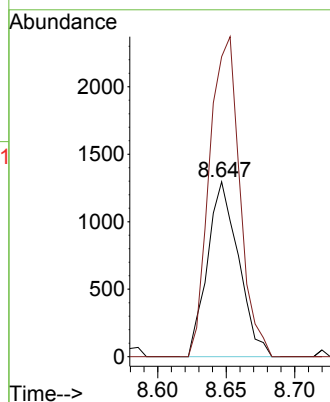
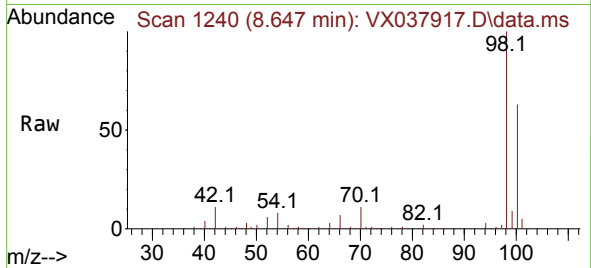




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.073 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

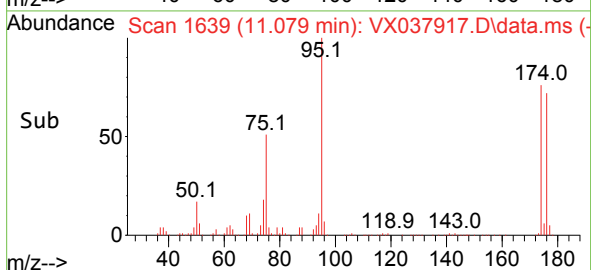
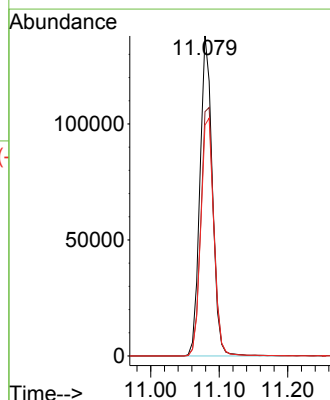
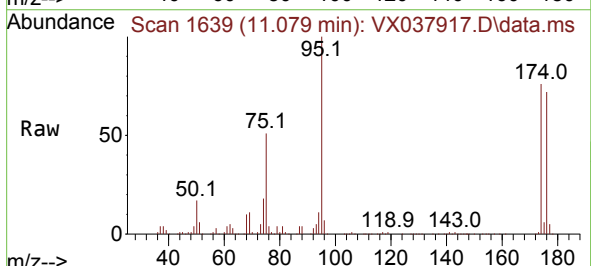
Instrument :
MSVOA_X
ClientSampleId :

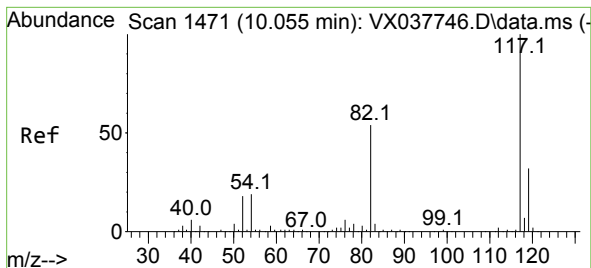
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 178.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

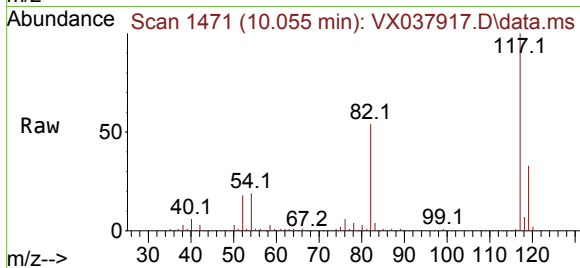
Tgt Ion: 95 Resp: 173814
Ion Ratio Lower Upper
95 100
174 81.7 0.0 135.6
176 78.4 0.0 131.0



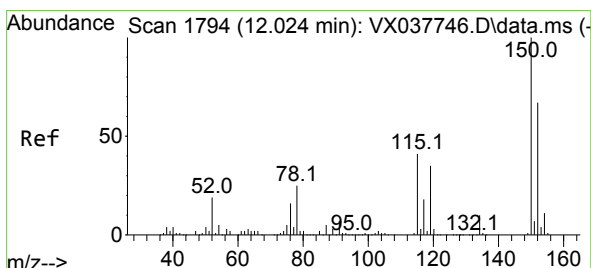
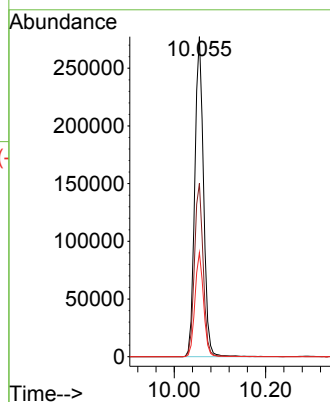
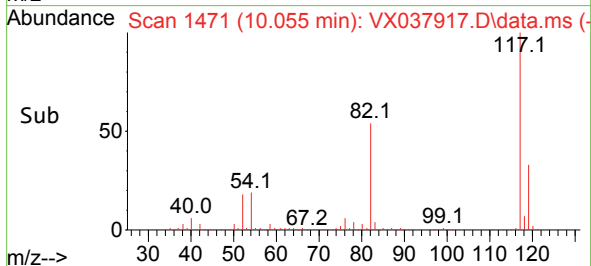


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16

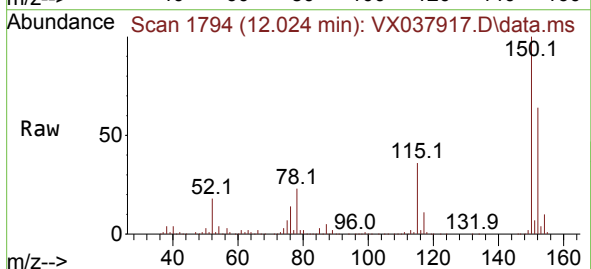
Instrument :
MSVOA_X
ClientSampleId :



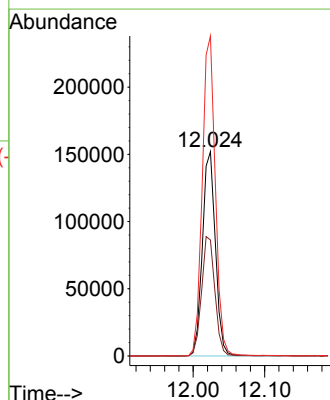
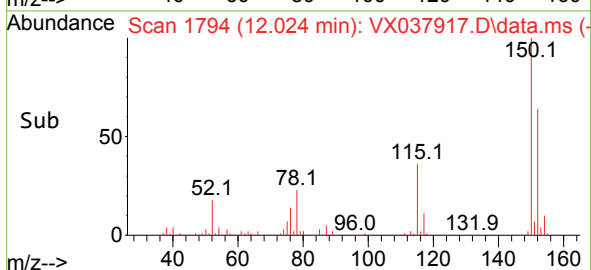
Tgt Ion:117 Resp: 368779
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.5 25.5 38.3

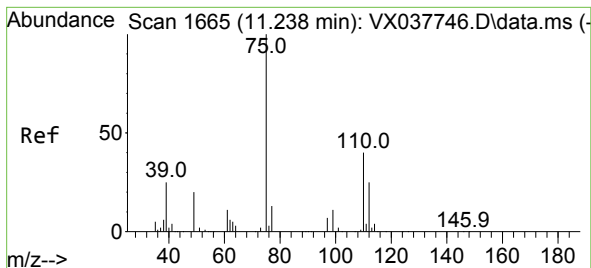


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037917.D
Acq: 27 Sep 2023 12:16



Tgt Ion:152 Resp: 192691
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.834 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037917.D

Acq: 27 Sep 2023 12:16

Instrument :

MSVOA_X

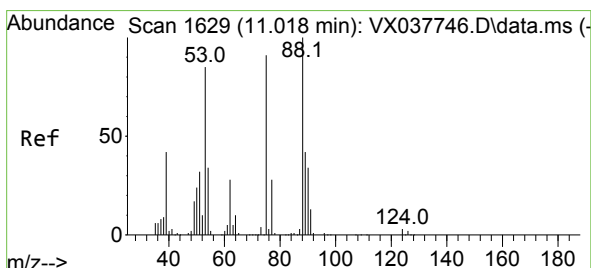
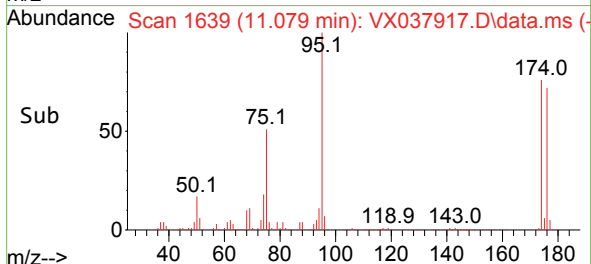
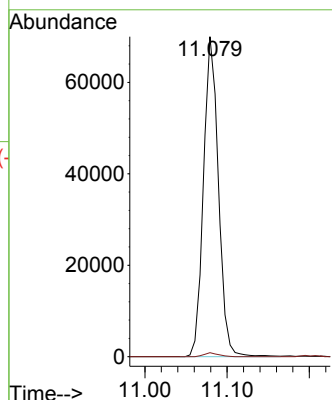
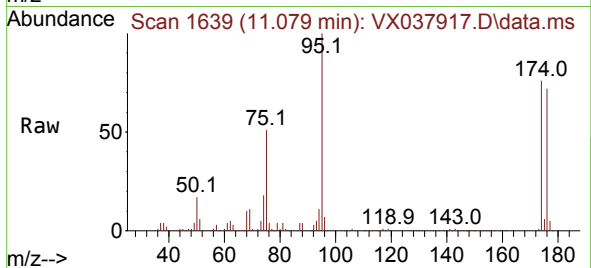
ClientSampleId :

Tgt Ion: 75 Resp: 88397

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.537 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037917.D

Acq: 27 Sep 2023 12:16

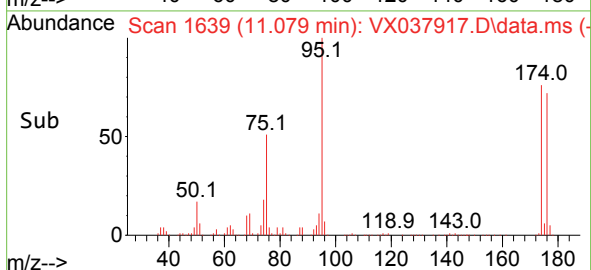
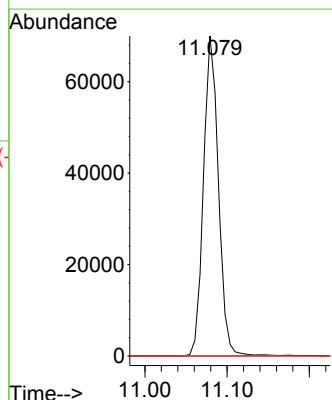
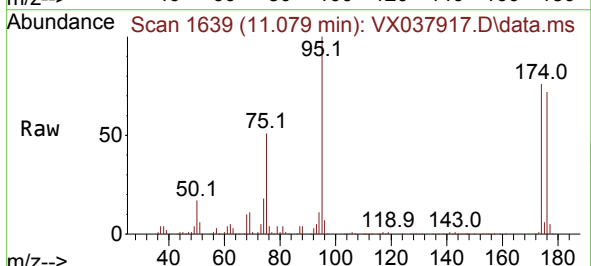
Tgt Ion: 75 Resp: 88397

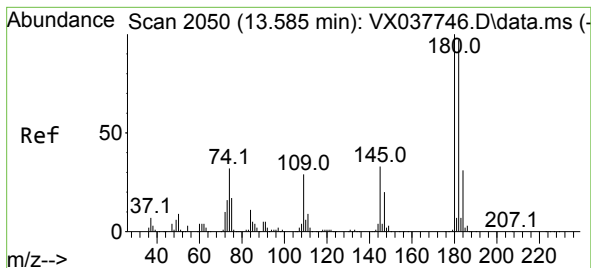
Ion Ratio Lower Upper

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: VX037917.D

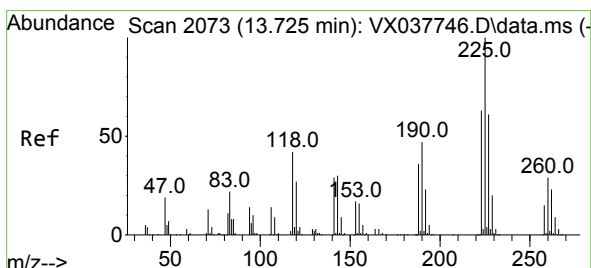
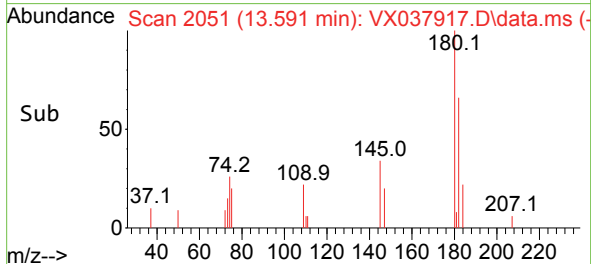
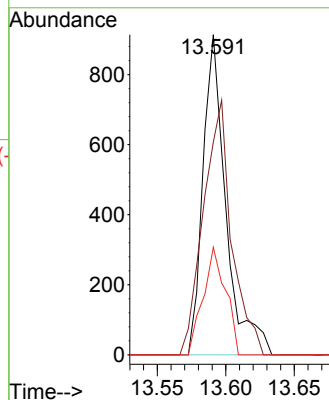
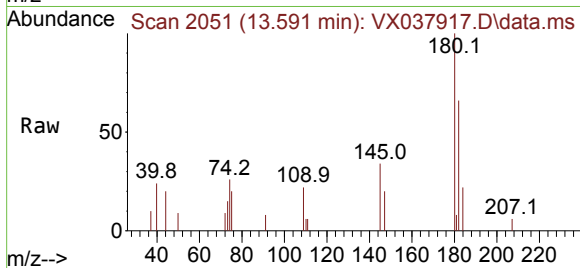
Acq: 27 Sep 2023 12:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1064
Ion Ratio	Lower	Upper
180	100	
182	97.7	48.3 144.8
145	33.0	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.204 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037917.D

Acq: 27 Sep 2023 12:16

Tgt Ion:225	Resp:	374
Ion Ratio	Lower	Upper
225	100	
223	54.5	31.1 93.2
227	54.8	32.5 97.5

