

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037100.D
 Acq On : 19 Aug 2023 01:40
 Operator : JC/MD
 Sample : VX0818WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 01:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

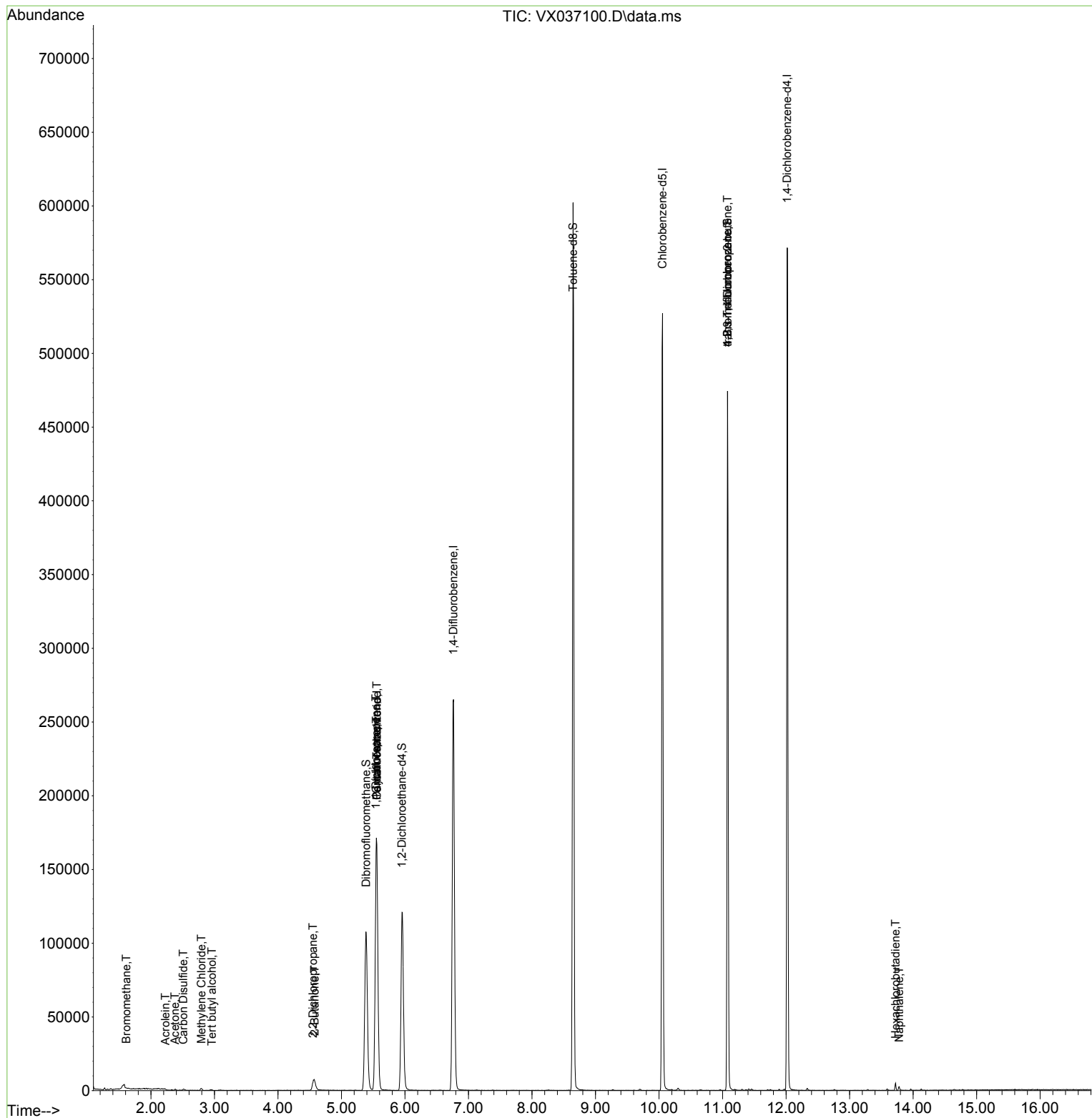
Internal Standards						
1) Pentafluorobenzene	5.556	168	158228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	278812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122621	53.754	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.500%	
35) Dibromofluoromethane	5.385	113	95639	51.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	8.647	98	348204	51.986	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	11.079	95	130863	49.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	176	0.202	ug/l	95
11) Tert butyl alcohol	2.959	59	399	0.746	ug/l #	78
13) Acrolein	2.227	56	173	0.425	ug/l #	76
16) Acetone	2.380	43	801	0.898	ug/l #	87
17) Carbon Disulfide	2.508	76	1032	0.249	ug/l #	76
20) Methylene Chloride	2.794	84	733	0.367	ug/l #	86
25) 2-Butanone	4.574	43	392	0.292	ug/l #	51
26) 2,2-Dichloropropane	4.550	77	647	0.223	ug/l #	54
31) Cyclohexane	5.550	56	3266	1.273	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13020	4.963	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17462	6.128	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	66785	27.305	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66785	76.263	ug/l #	5
94) Hexachlorobutadiene	13.725	225	765	0.905	ug/l	85
95) Naphthalene	13.780	128	2247	0.235	ug/l #	93

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

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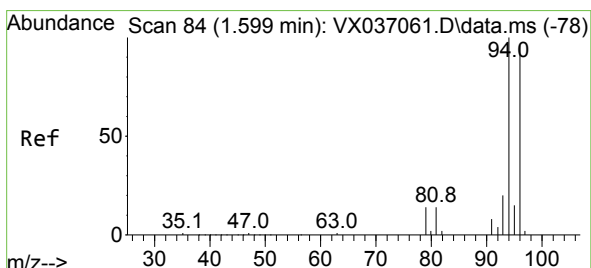
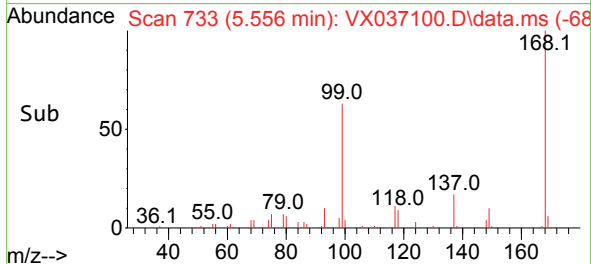
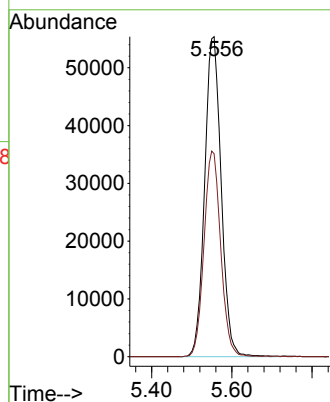
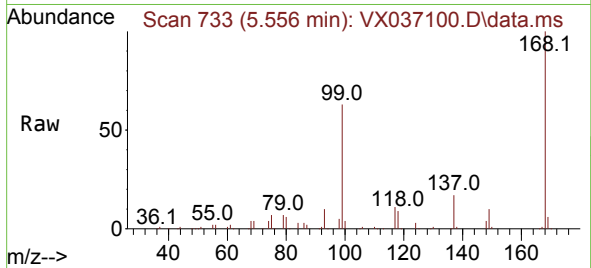




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

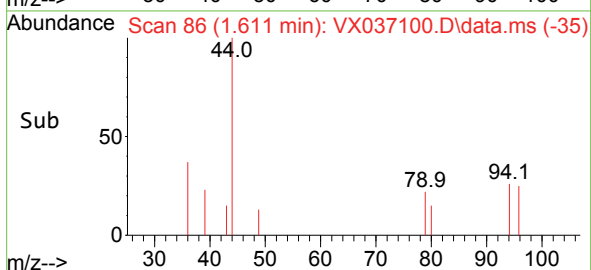
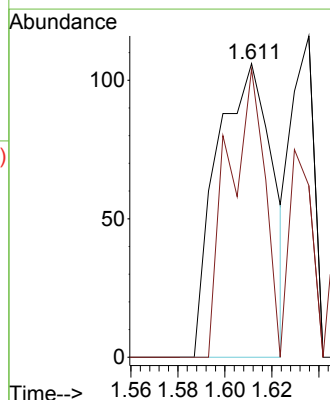
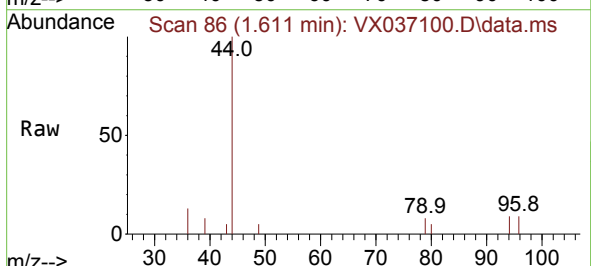
Instrument :
MSVOA_X
ClientSampleId :

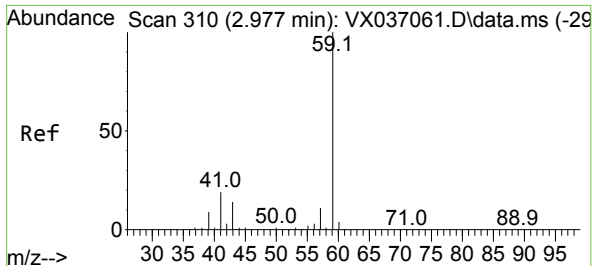
Tgt Ion:168 Resp: 158228
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 98.1 74.6 111.8





#11

Tert butyl alcohol

Concen: 0.746 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

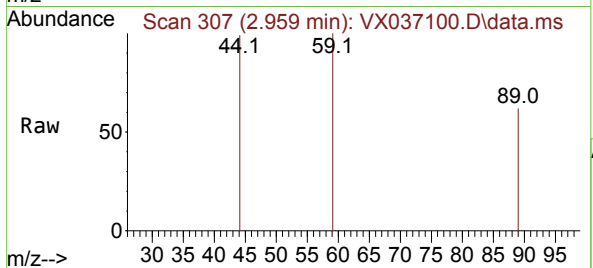
Lab File: VX037100.D

Acq: 19 Aug 2023 01:40

Instrument :

MSVOA_X

ClientSampleId :

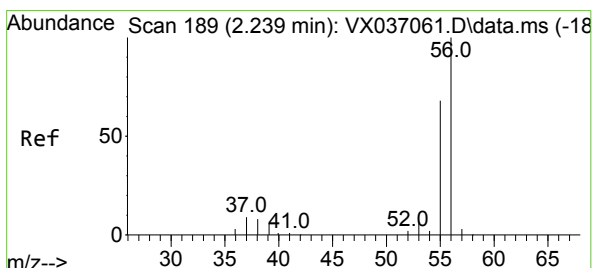
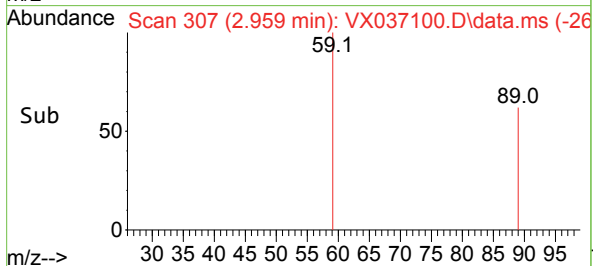
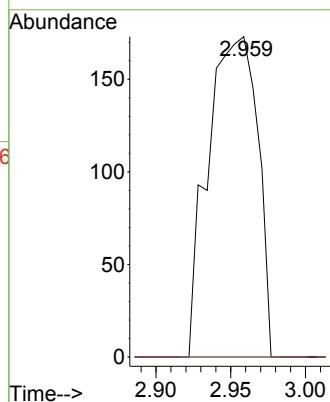


Tgt Ion: 59 Resp: 399

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.425 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX037100.D

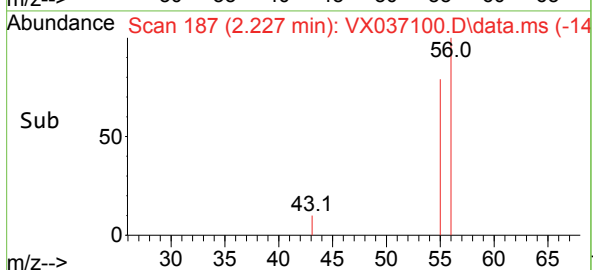
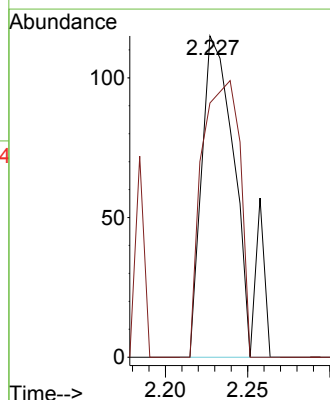
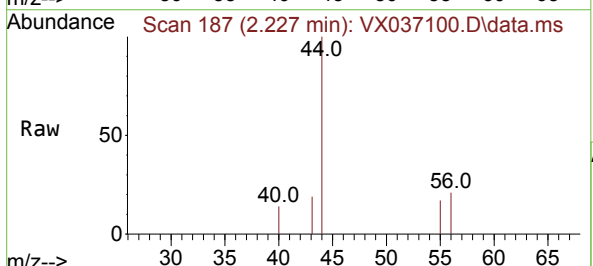
Acq: 19 Aug 2023 01:40

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

56 100

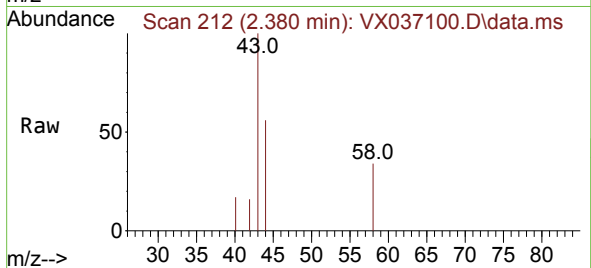
55 91.3 57.1 85.7#



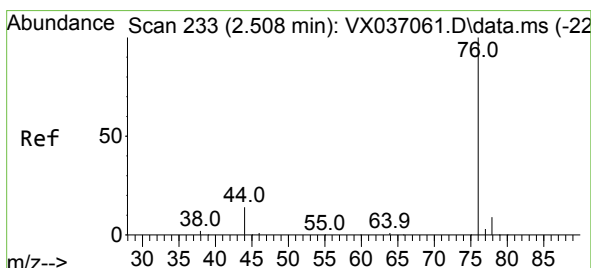
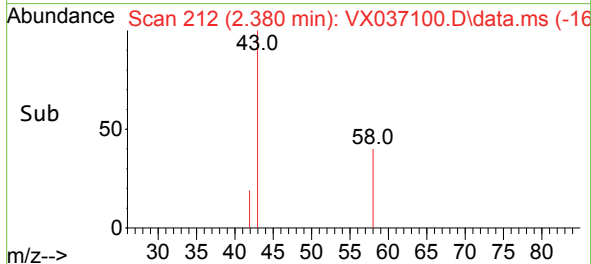
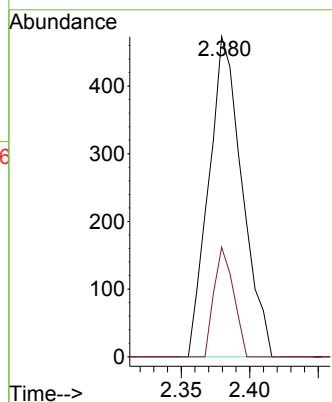


#16
Acetone
Concen: 0.898 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Instrument :
MSVOA_X
ClientSampleId :

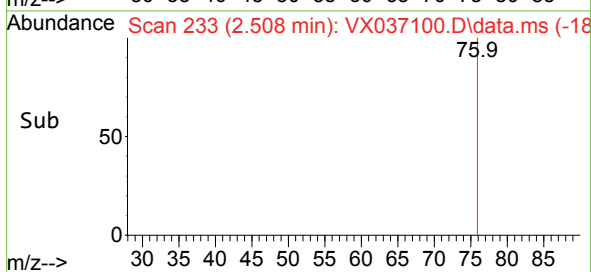
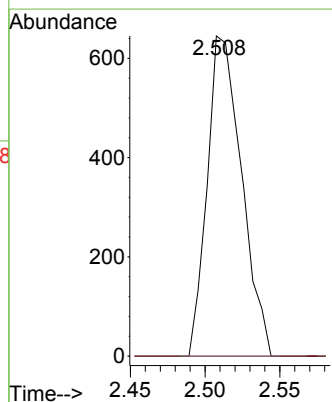
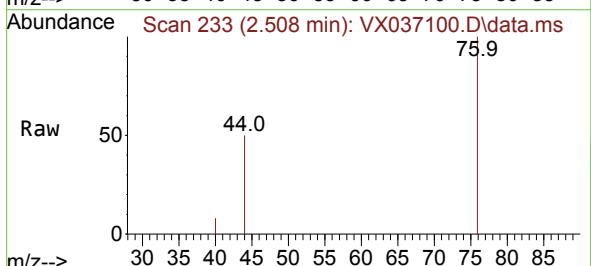


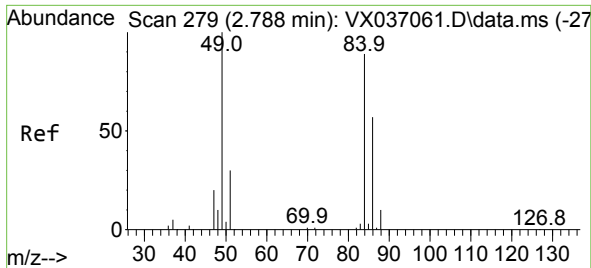
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

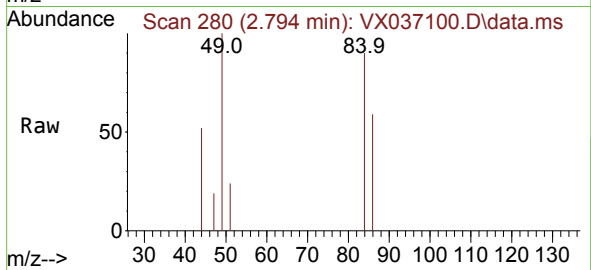
Tgt Ion: 76 Resp: 1032
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



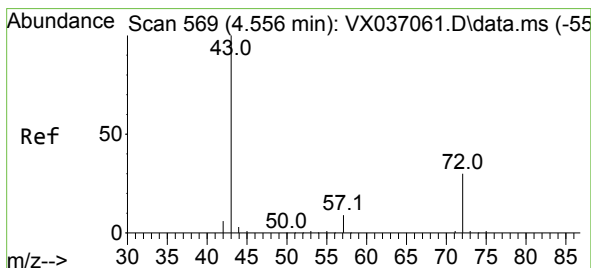
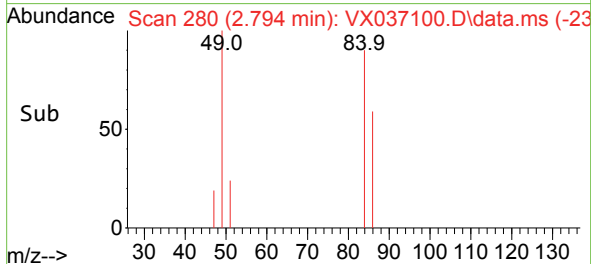
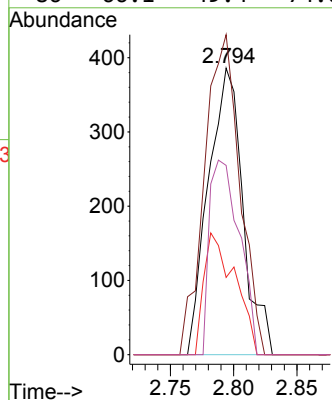


#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Instrument :
MSVOA_X
ClientSampleId :

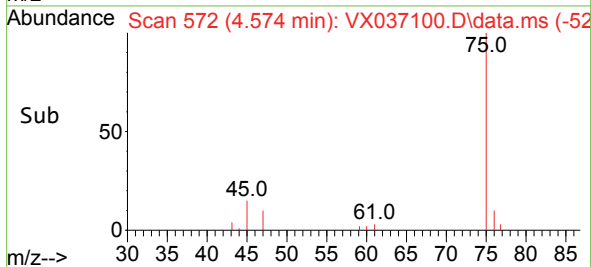
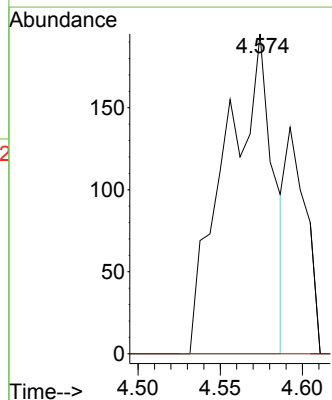
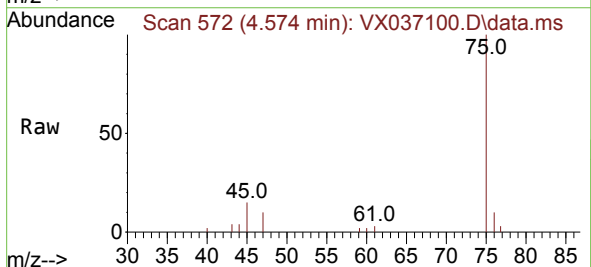


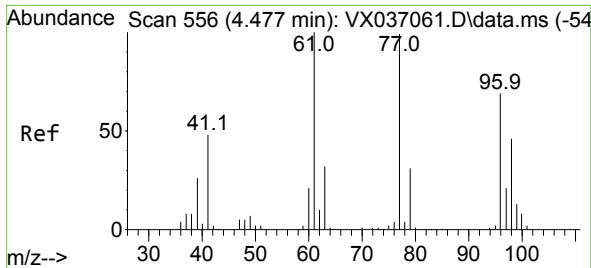
Tgt Ion:	84	Resp:	733
Ion	Ratio	Lower	Upper
84	100		
49	111.7	103.6	155.4
51	26.9	33.8	50.6#
86	66.1	49.4	74.0



#25
2-Butanone
Concen: 0.292 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Tgt Ion:	43	Resp:	392
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

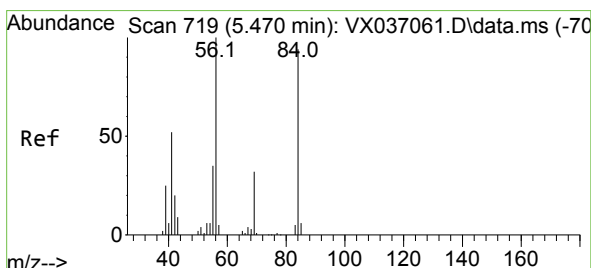
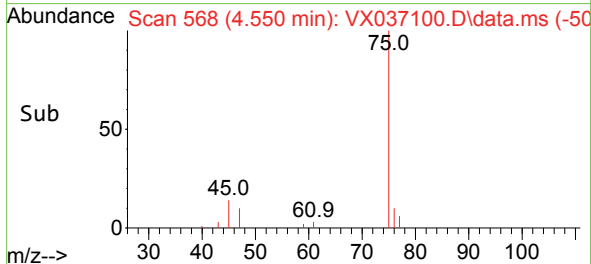
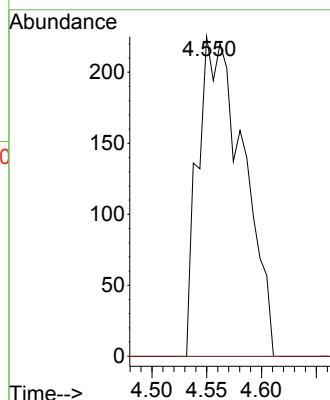
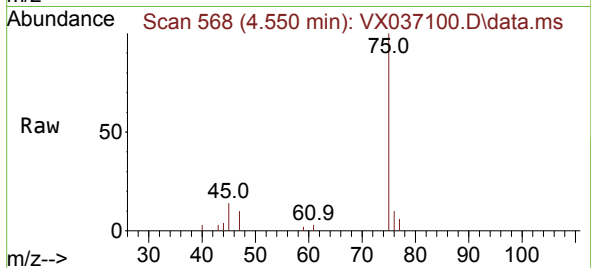




#26
2,2-Dichloropropane
Concen: 0.223 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.073 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

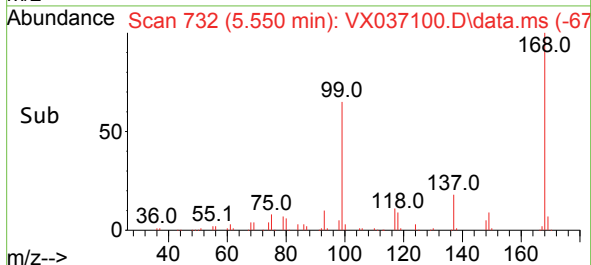
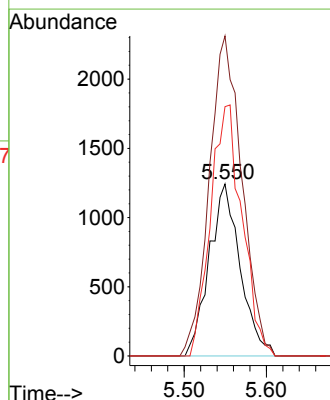
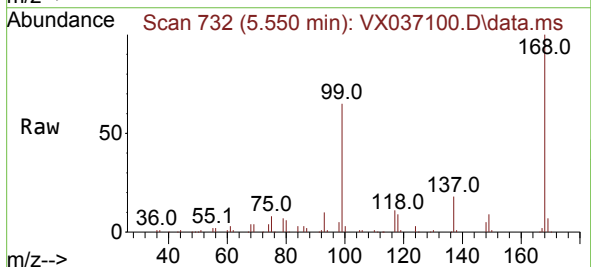
Instrument :
MSVOA_X
ClientSampleId :

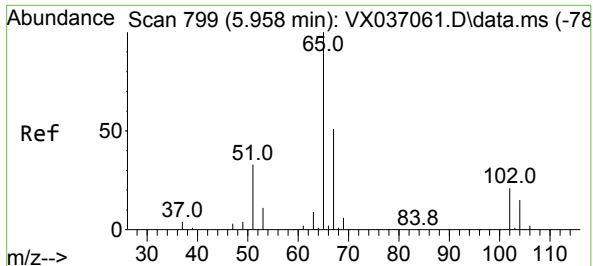
Tgt Ion: 77 Resp: 647
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Tgt Ion: 56 Resp: 3266
Ion Ratio Lower Upper
56 100
69 186.0 23.4 35.2#
84 144.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.754 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037100.D

Acq: 19 Aug 2023 01:40

Instrument :

MSVOA_X

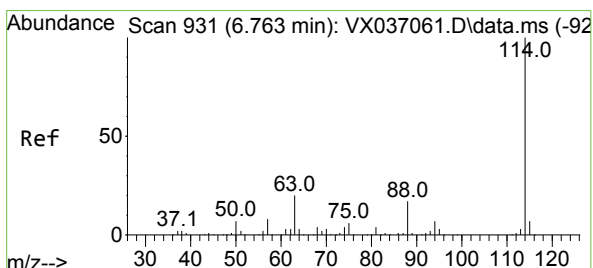
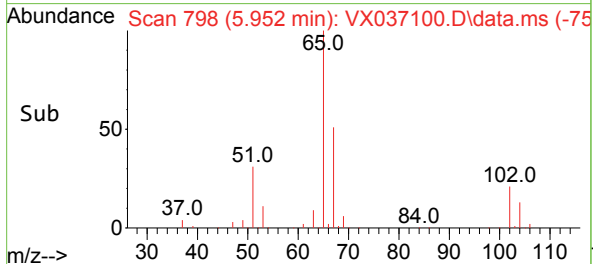
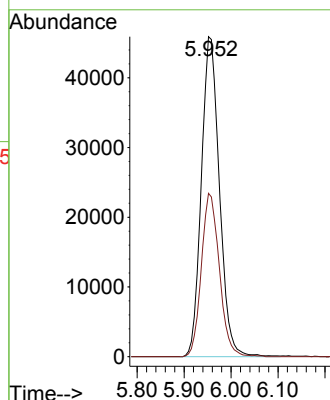
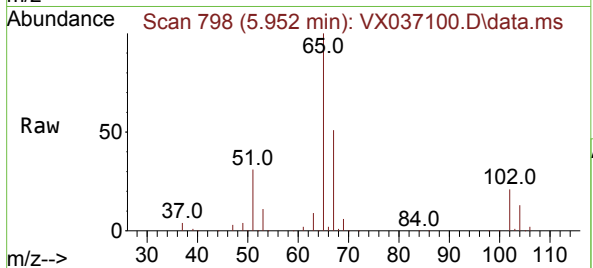
ClientSampleId :

Tgt Ion: 65 Resp: 122621

Ion Ratio Lower Upper

65 100

67 50.9 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: VX037100.D

Acq: 19 Aug 2023 01:40

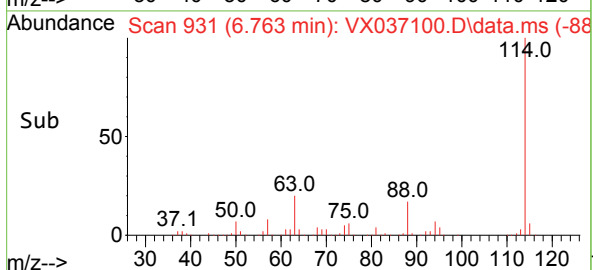
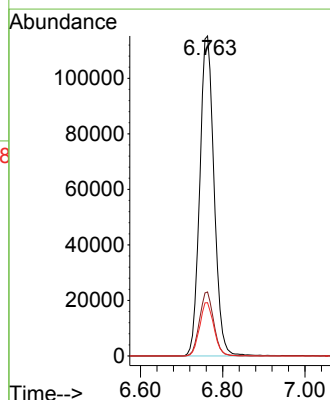
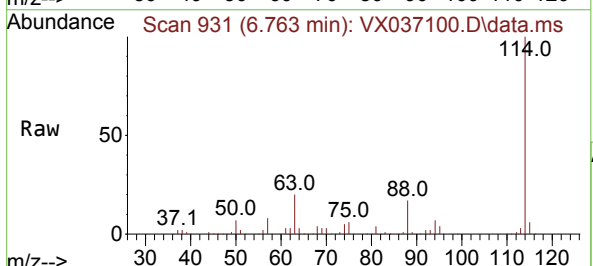
Tgt Ion: 114 Resp: 278812

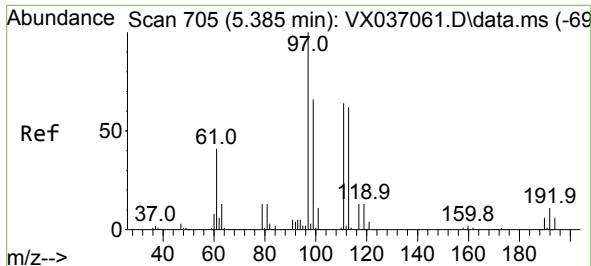
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.795 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

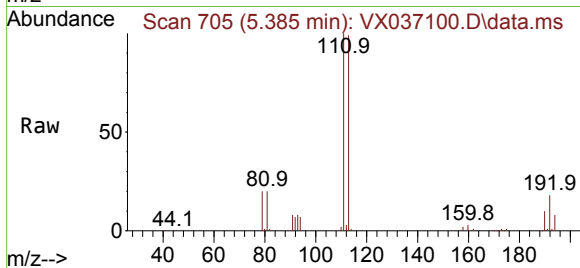
Lab File: VX037100.D

Acq: 19 Aug 2023 01:40

Instrument :

MSVOA_X

ClientSampleId :



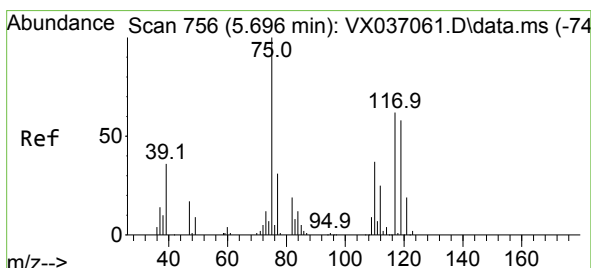
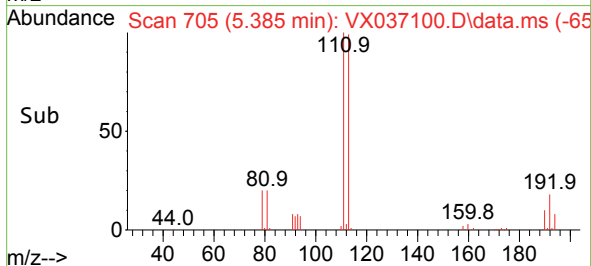
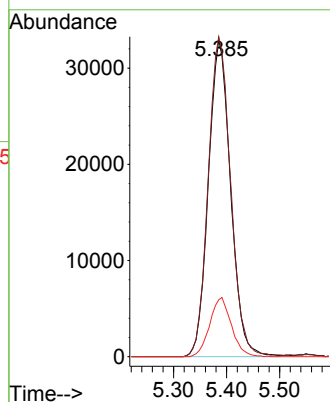
Tgt Ion:113 Resp: 95639

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.963 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX037100.D

Acq: 19 Aug 2023 01:40

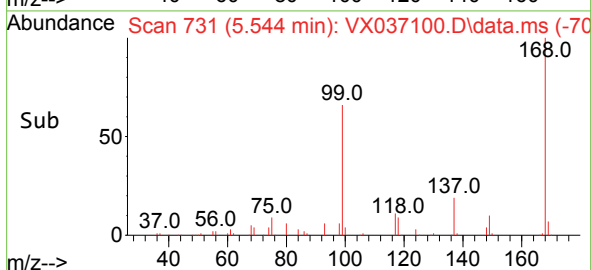
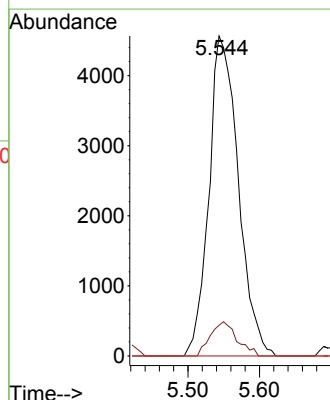
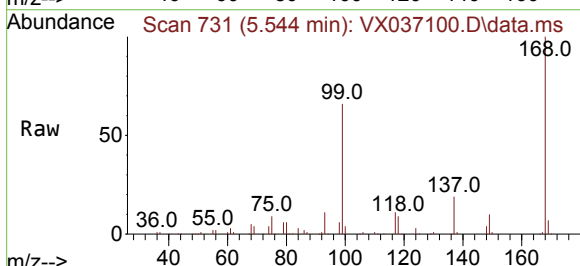
Tgt Ion: 75 Resp: 13020

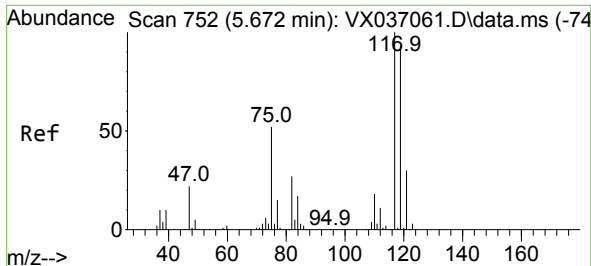
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

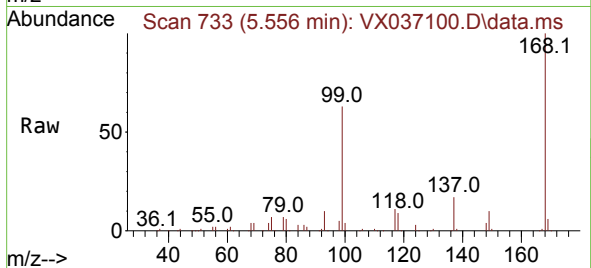
77 0.0 24.7 37.1#



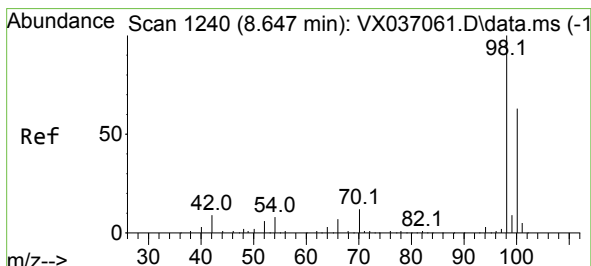
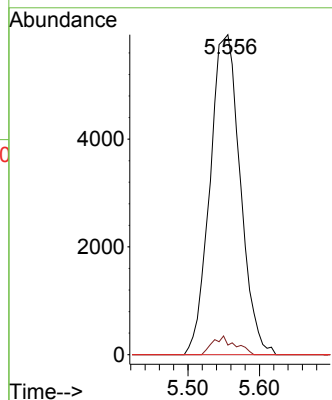
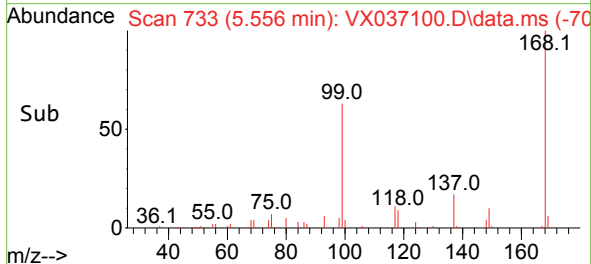


#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Instrument :
MSVOA_X
ClientSampleId :

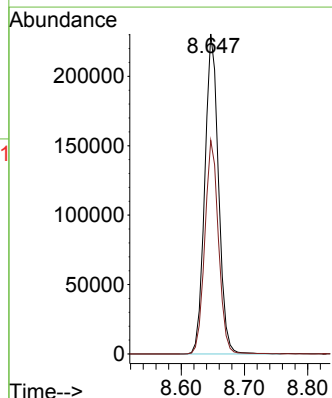
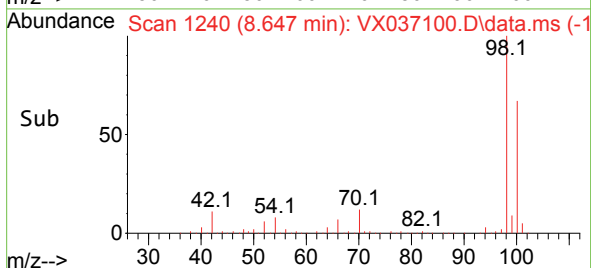
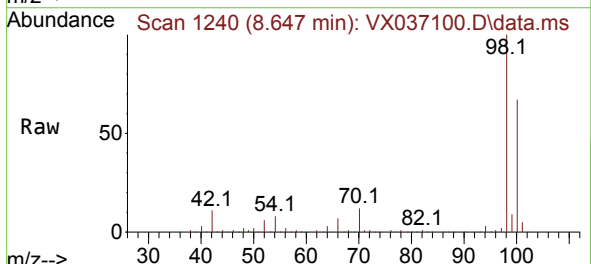


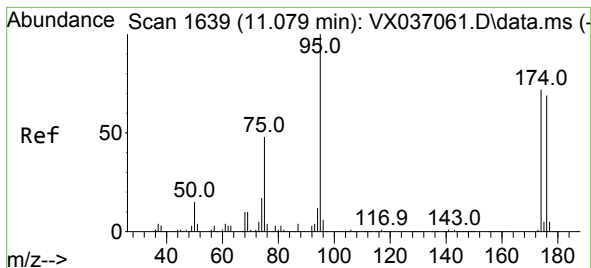
Tgt Ion:117 Resp: 17462
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.986 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Tgt Ion: 98 Resp: 348204
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

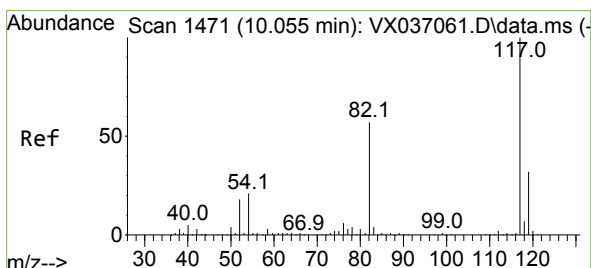
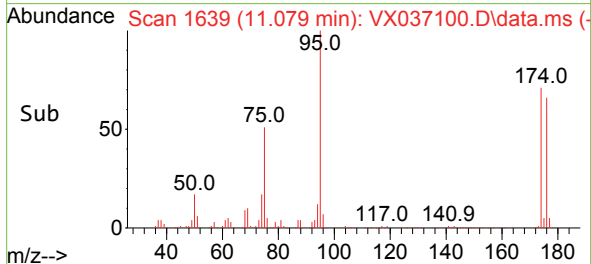
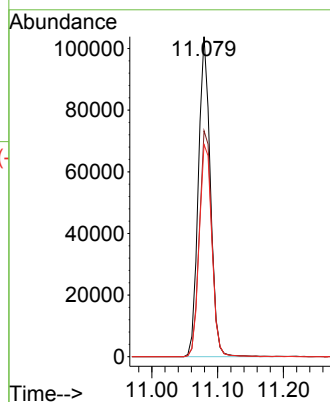
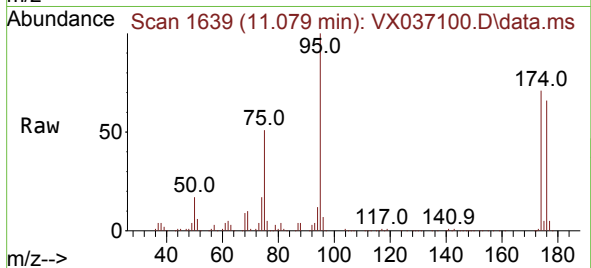




#62
4-Bromofluorobenzene
Concen: 49.716 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

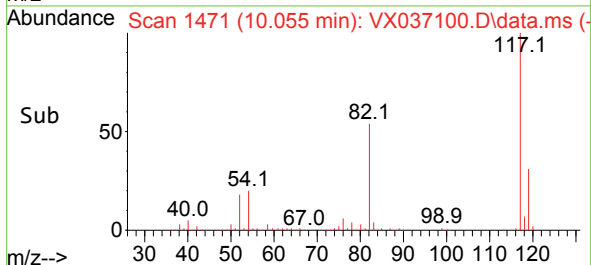
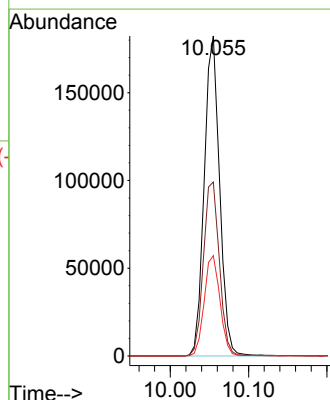
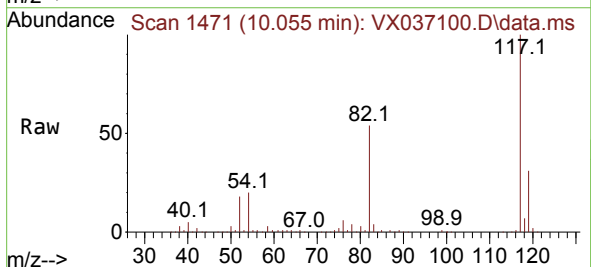
Instrument :
MSVOA_X
ClientSampleId :

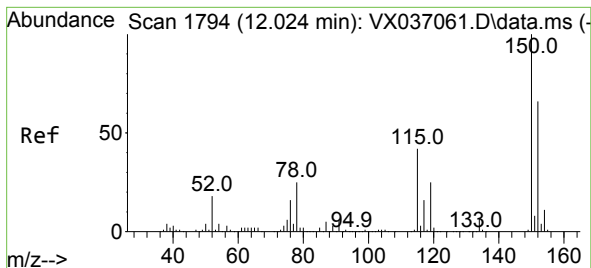
Tgt Ion: 95 Resp: 130863
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Tgt Ion: 117 Resp: 248262
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037100.D

Acq: 19 Aug 2023 01:40

Instrument :

MSVOA_X

ClientSampleId :

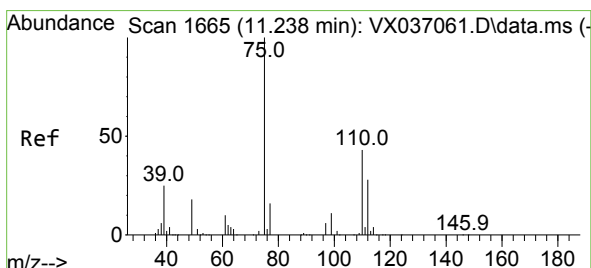
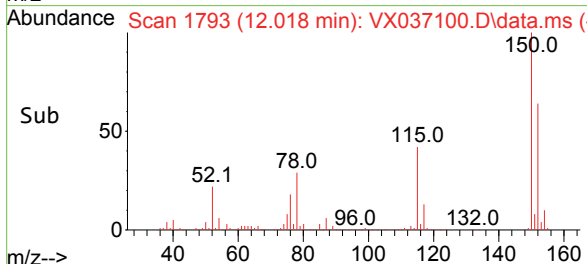
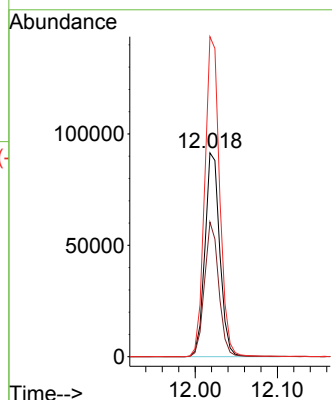
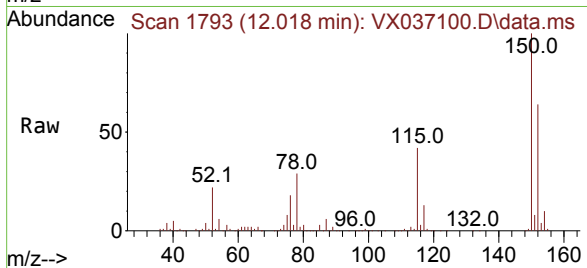
Tgt Ion:152 Resp: 114850

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.305 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037100.D

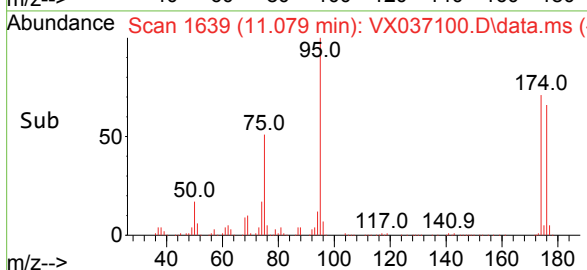
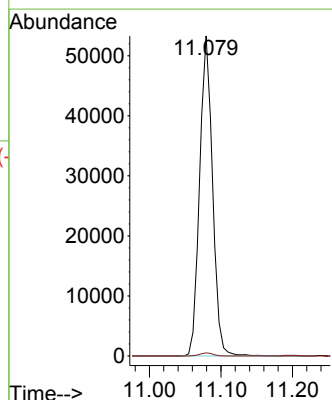
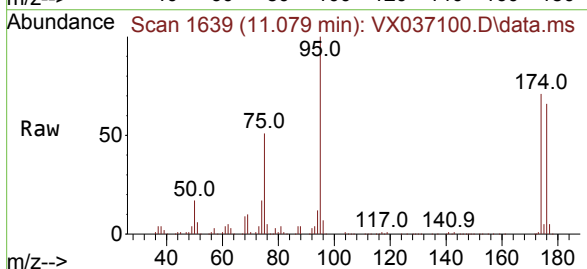
Acq: 19 Aug 2023 01:40

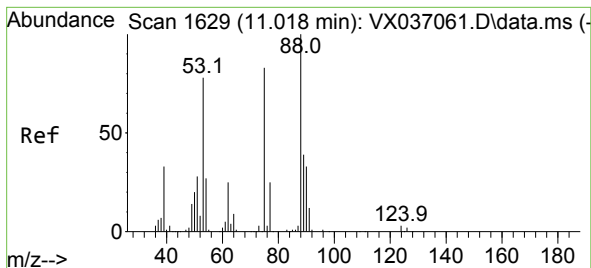
Tgt Ion: 75 Resp: 66785

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

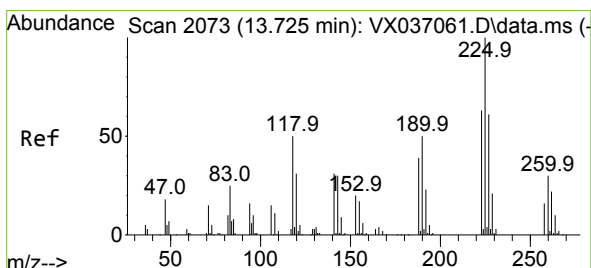
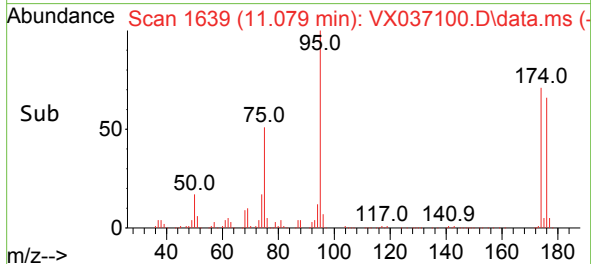
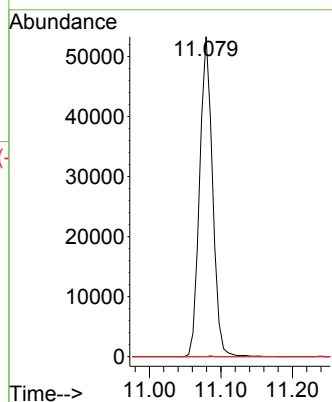
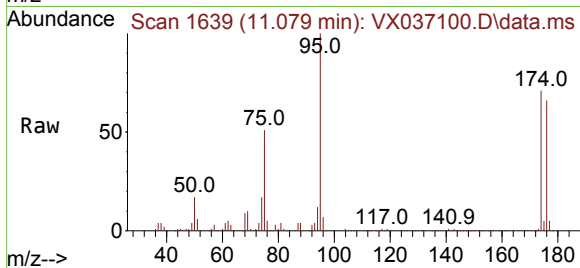




#81
trans-1,4-Dichloro-2-butene
Concen: 76.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

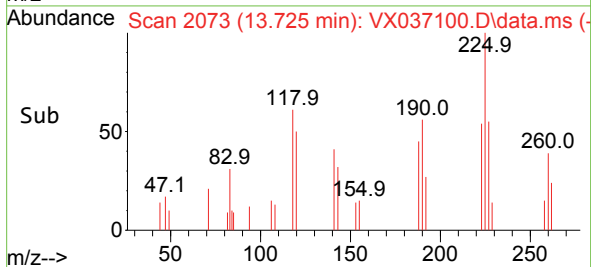
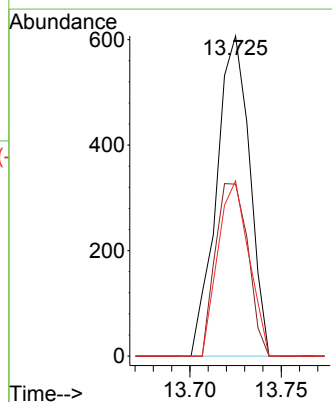
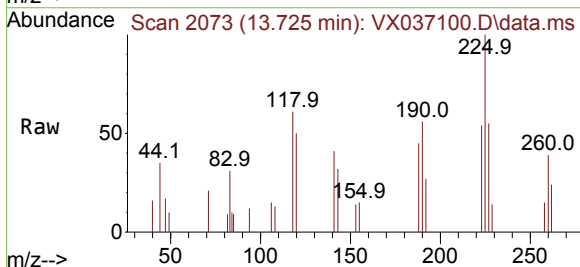
Instrument :
MSVOA_X
ClientSampleId :

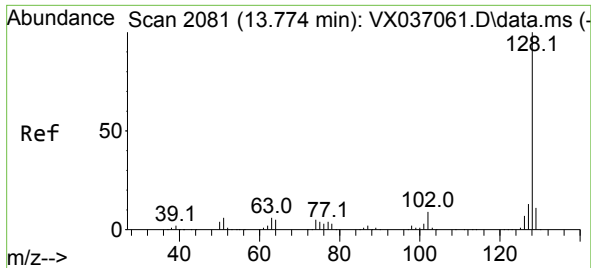
Tgt Ion: 75 Resp: 66785
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.905 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

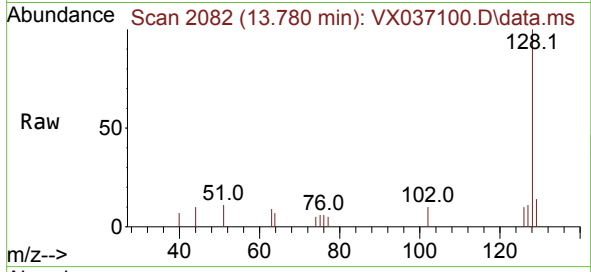
Tgt Ion: 225 Resp: 765
Ion Ratio Lower Upper
225 100
223 52.9 31.1 93.2
227 51.2 32.5 97.5





#95
Naphthalene
Concen: 0.235 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037100.D
Acq: 19 Aug 2023 01:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2247
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 10.5 8.8 13.2

