

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037107.D
 Acq On : 19 Aug 2023 04:26
 Operator : JC/MD
 Sample : 04047-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 01:40:39 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)

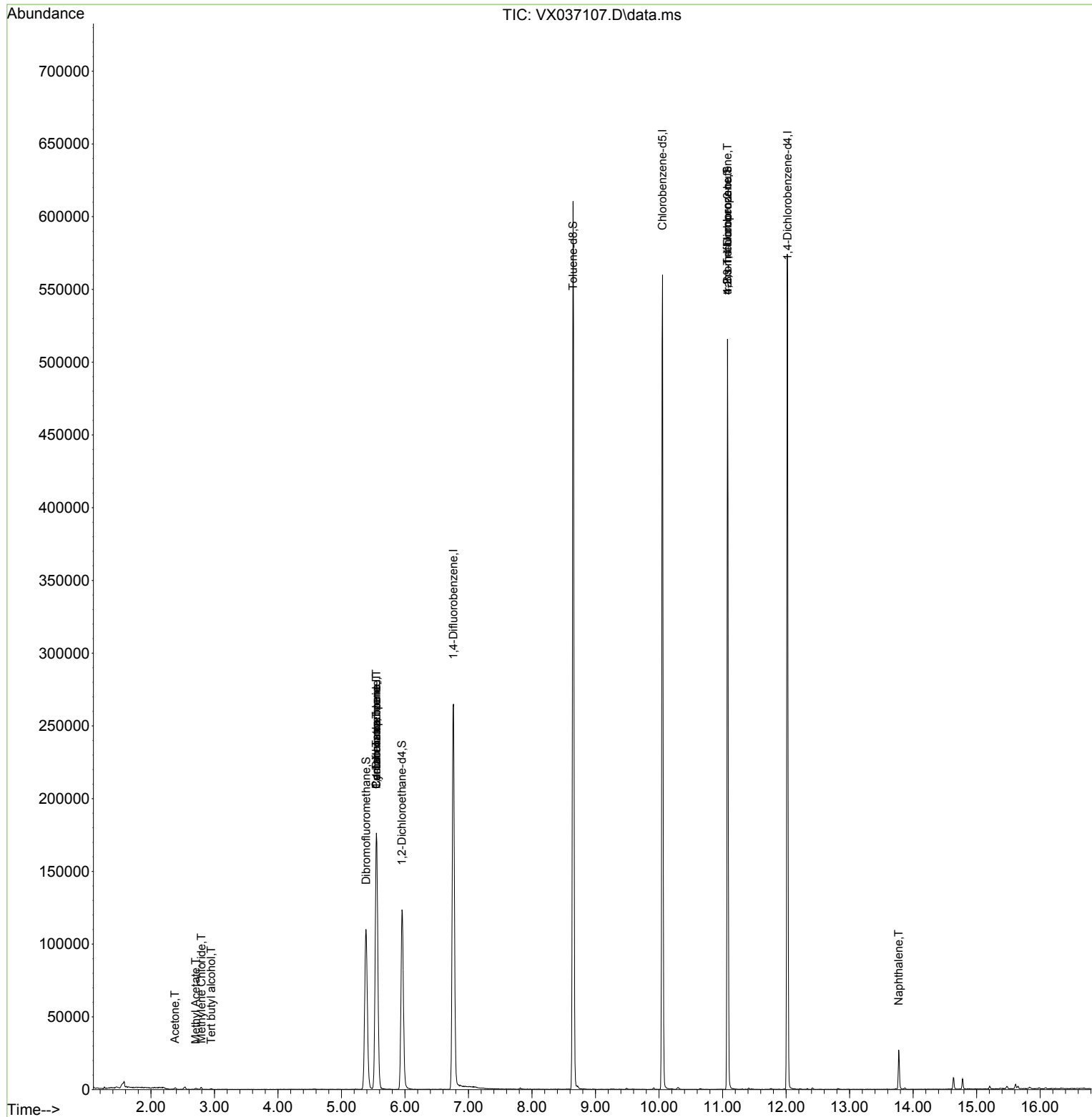
Internal Standards						
1) Pentafluorobenzene	5.549	168	165230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124721	52.358	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.720%		
35) Dibromofluoromethane	5.385	113	97467	52.285	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.580%		
50) Toluene-d8	8.646	98	361913	53.522	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.040%		
62) 4-Bromofluorobenzene	11.079	95	136801	51.480	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.960%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	222	0.397	ug/l #	78
16) Acetone	2.379	43	1281	1.375	ug/l	98
18) Methyl Acetate	2.702	43	1157	0.330	ug/l	97
20) Methylene Chloride	2.794	84	657	0.315	ug/l	87
31) Cyclohexane	5.549	56	3374	1.260	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	13650	5.154	ug/l #	51
38) Carbon Tetrachloride	5.549	117	17893	6.219	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	70288	27.552	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70288	76.955	ug/l #	5
95) Naphthalene	13.774	128	18604	1.862	ug/l	99

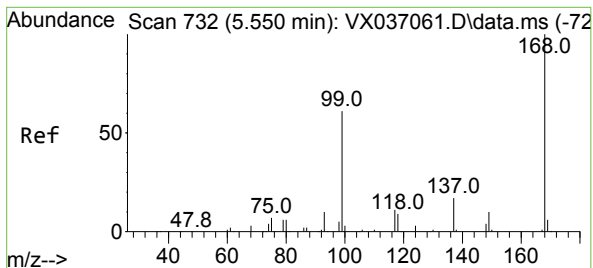
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX037107.D

Acq: 19 Aug 2023 04:26

Instrument :

MSVOA_X

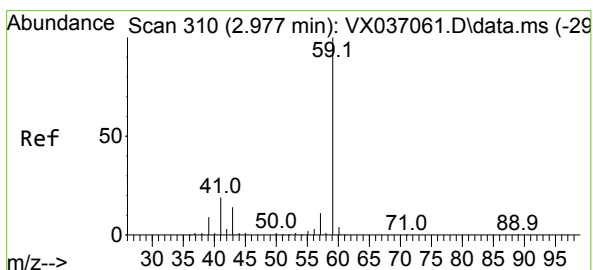
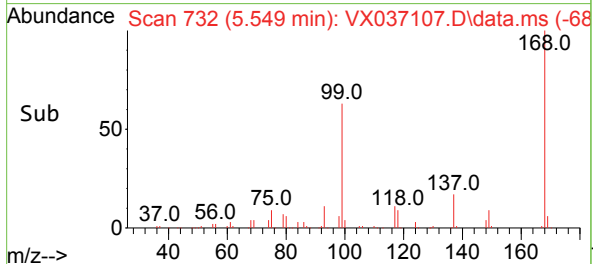
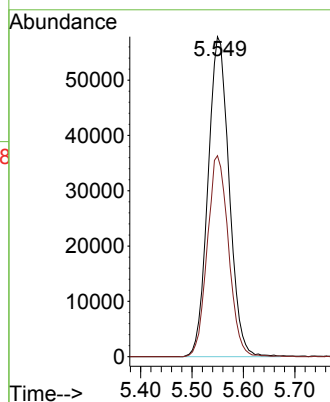
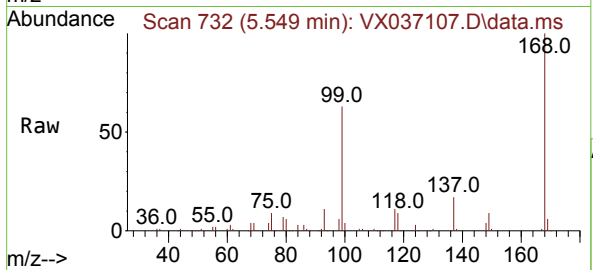
ClientSampleId :

Tgt Ion:168 Resp: 165230

Ion Ratio Lower Upper

168 100

99 62.8 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.397 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037107.D

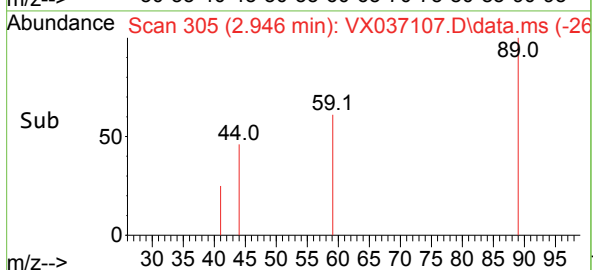
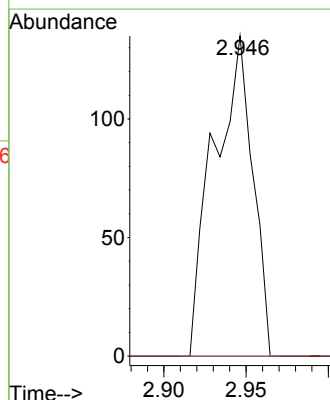
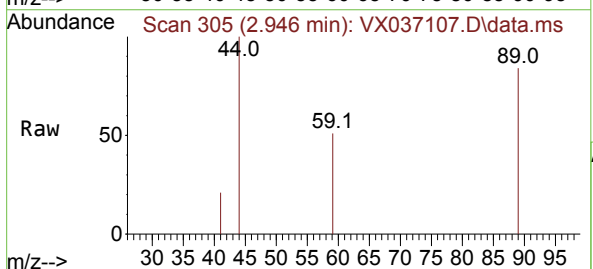
Acq: 19 Aug 2023 04:26

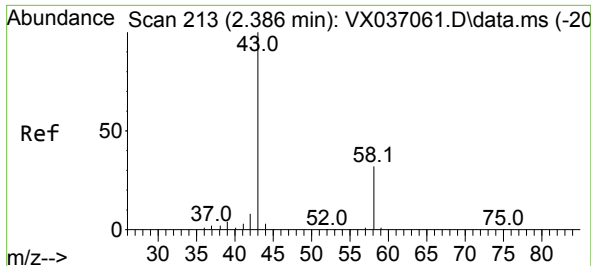
Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.375 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037107.D

Acq: 19 Aug 2023 04:26

Instrument :

MSVOA_X

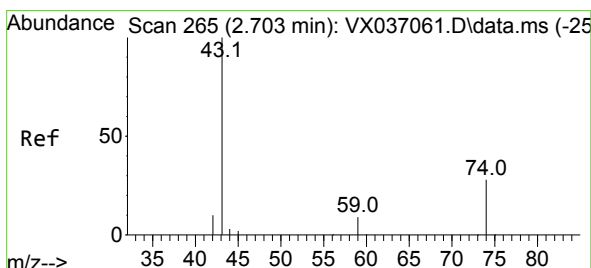
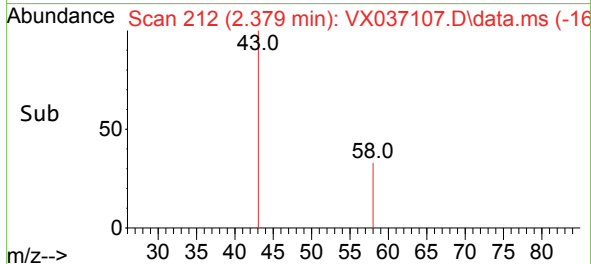
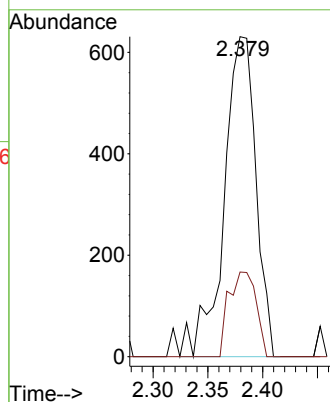
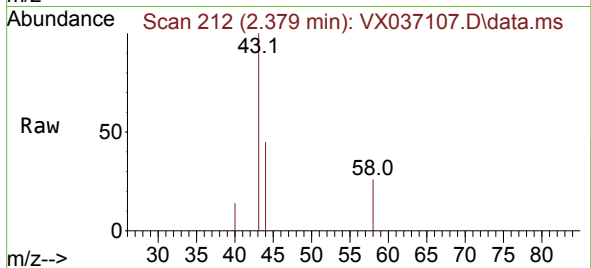
ClientSampleId :

Tgt Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 26.5 21.9 32.9



#18

Methyl Acetate

Concen: 0.330 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037107.D

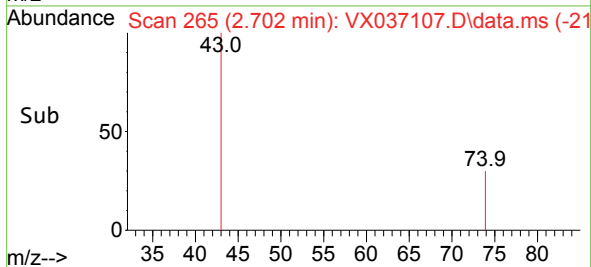
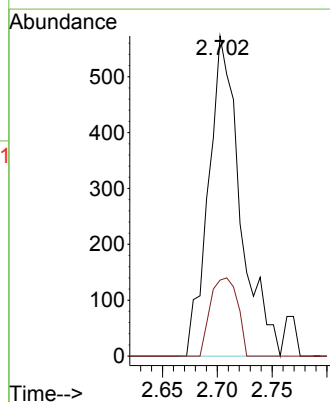
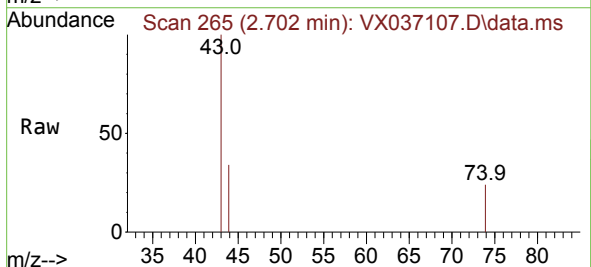
Acq: 19 Aug 2023 04:26

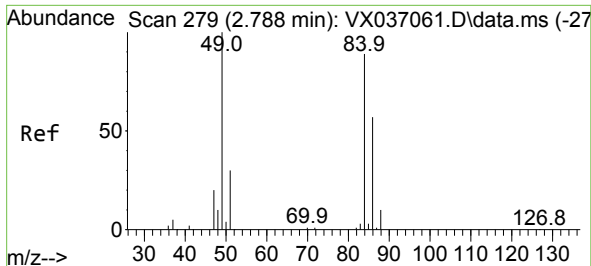
Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

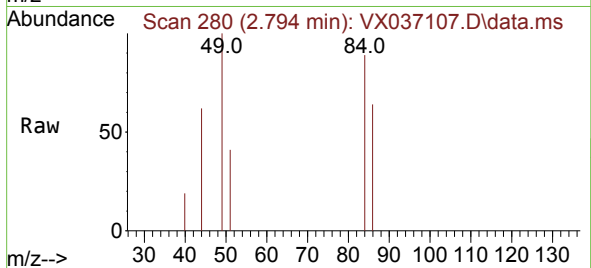
74 20.8 17.8 26.8



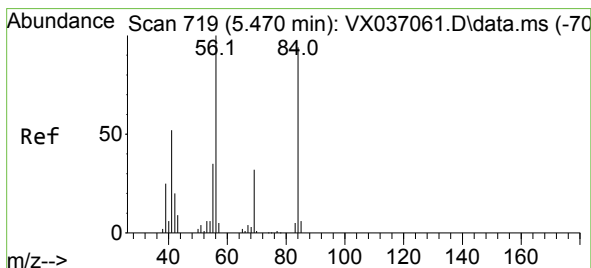
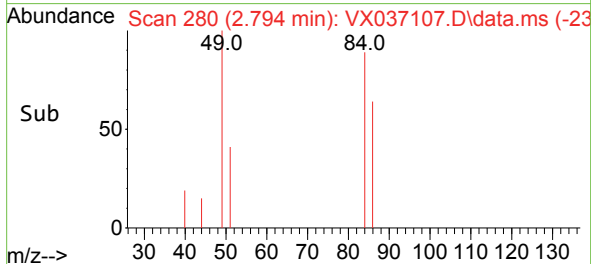
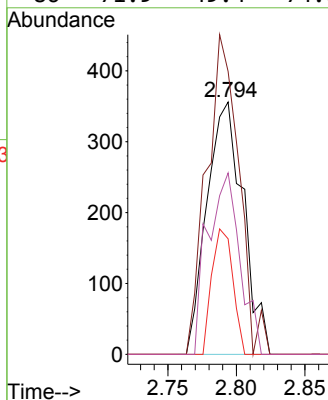


#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Instrument :
MSVOA_X
ClientSampleId :

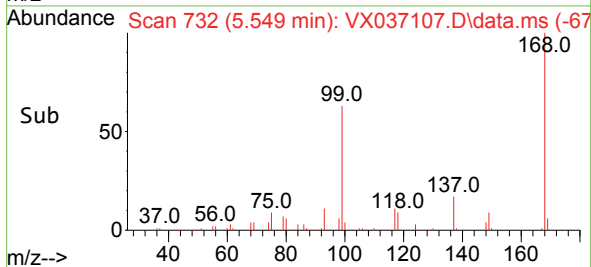
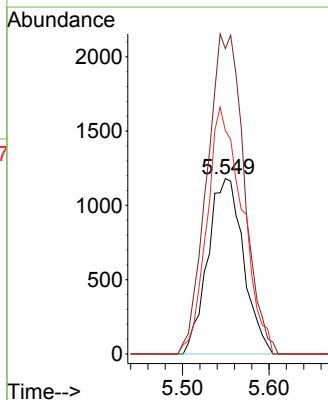
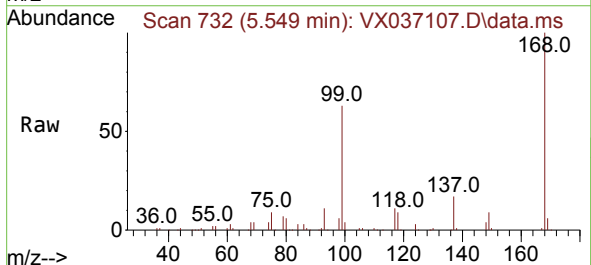


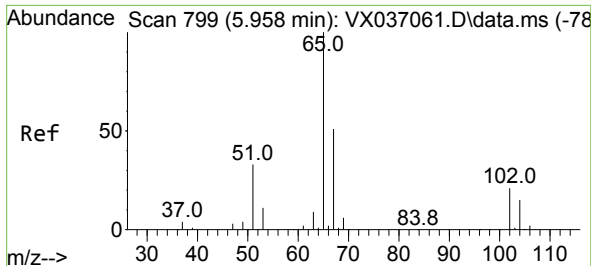
Tgt Ion: 84	Resp: 657
Ion Ratio	Lower Upper
84 100	
49 112.1	103.6 155.4
51 45.8	33.8 50.6
86 71.9	49.4 74.0



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Tgt Ion: 56	Resp: 3374
Ion Ratio	Lower Upper
56 100	
69 174.2	23.4 35.2#
84 127.4	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.358 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037107.D

Acq: 19 Aug 2023 04:26

Instrument :

MSVOA_X

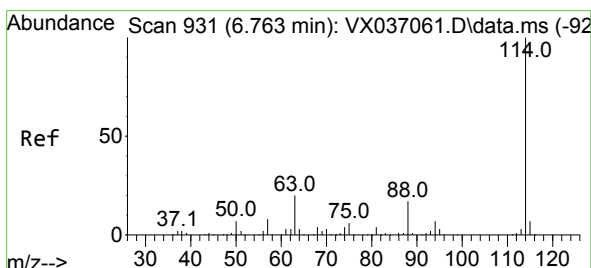
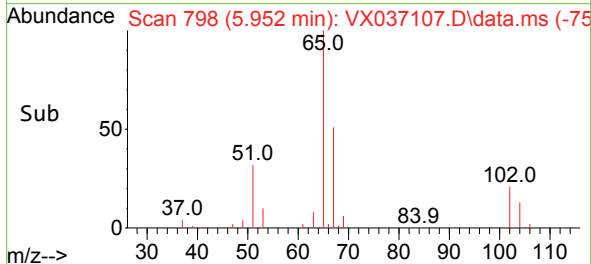
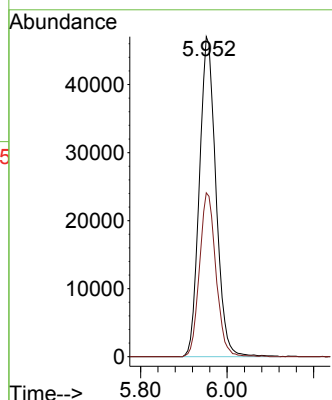
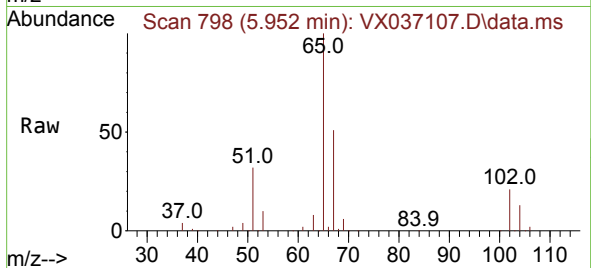
ClientSampleId :

Tgt Ion: 65 Resp: 124721

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037107.D

Acq: 19 Aug 2023 04:26

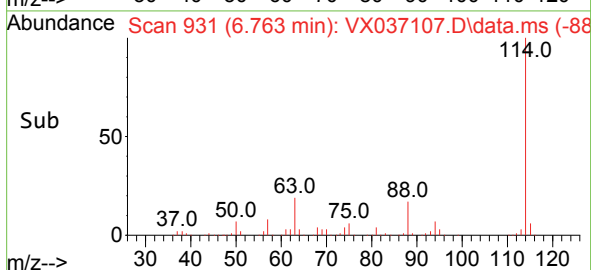
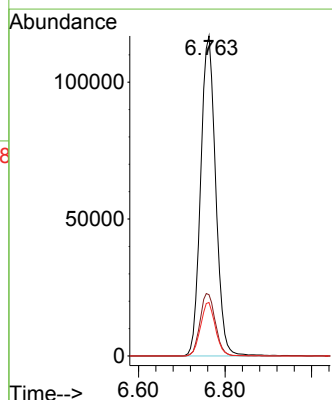
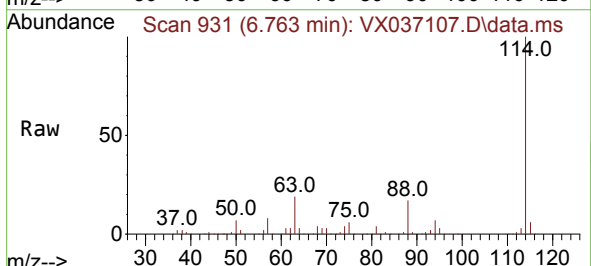
Tgt Ion: 114 Resp: 281475

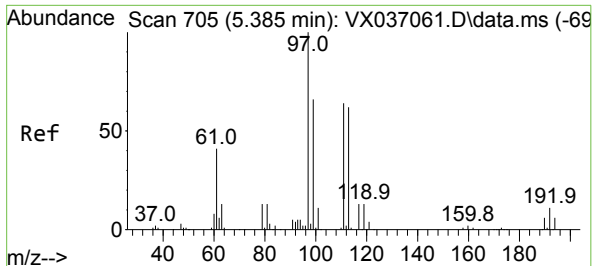
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

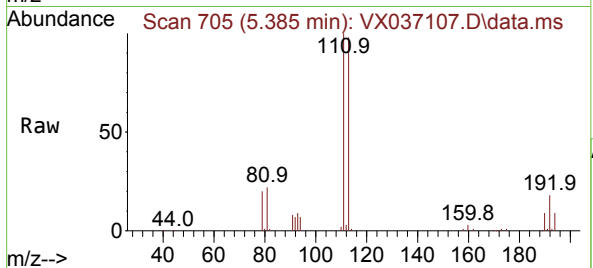
88 16.7 0.0 36.6



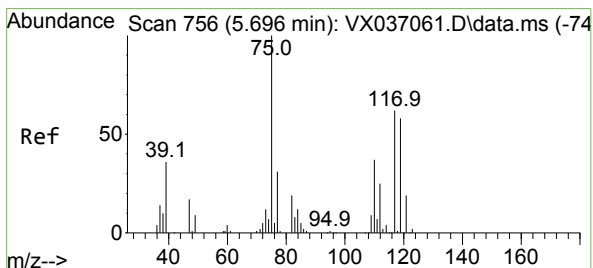
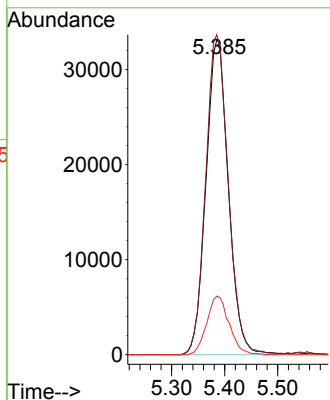
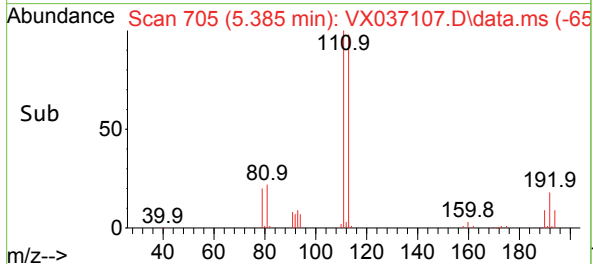


#35
Dibromofluoromethane
Concen: 52.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

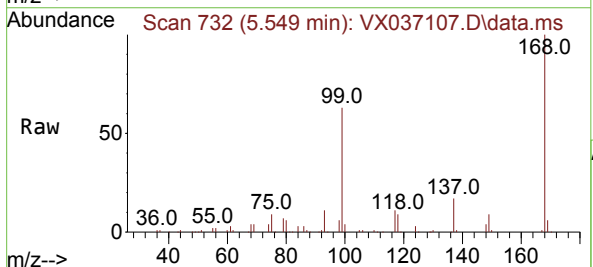
Instrument :
MSVOA_X
ClientSampleId :



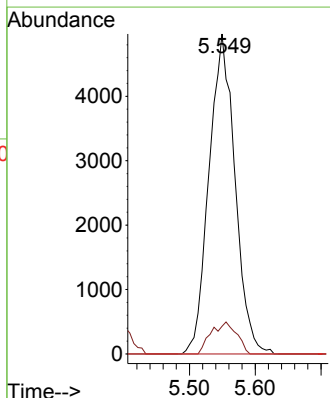
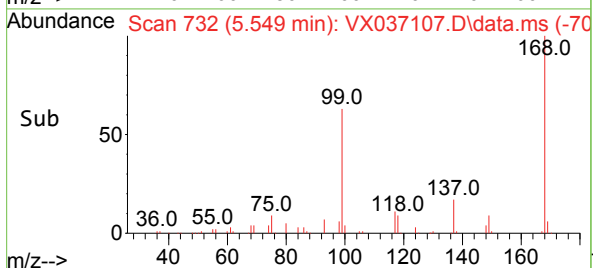
Tgt Ion:113 Resp: 97467
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9

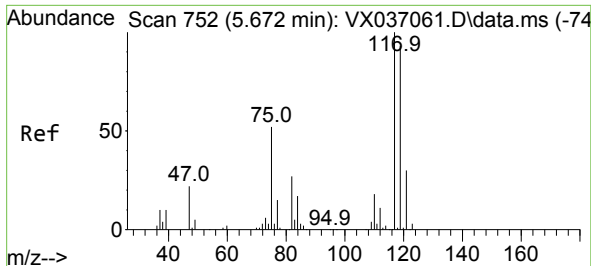


#36
1,1-Dichloropropene
Concen: 5.154 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26



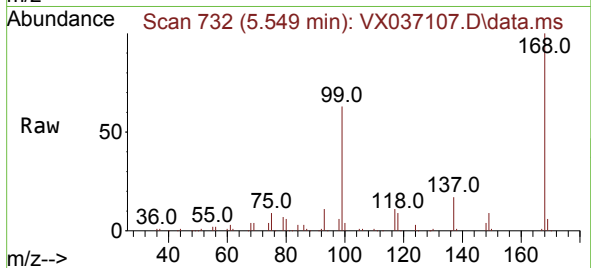
Tgt Ion: 75 Resp: 13650
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



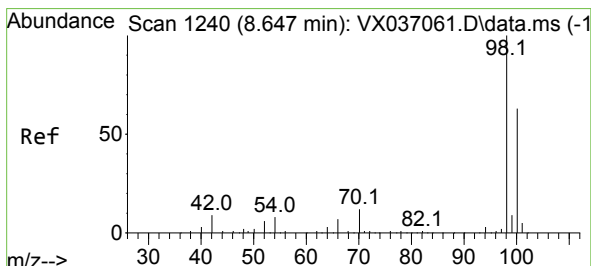
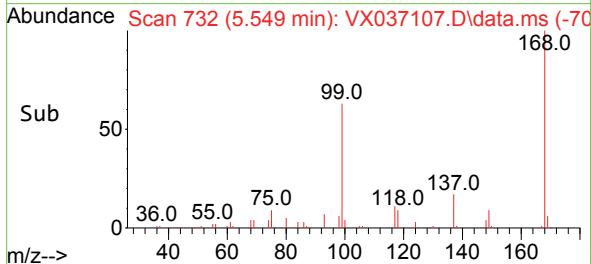
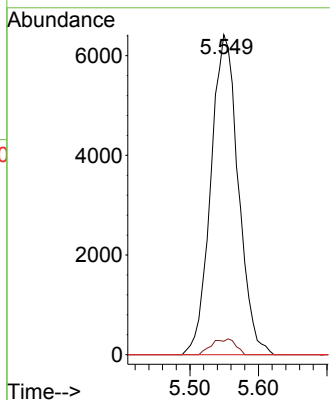


#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Instrument :
MSVOA_X
ClientSampleId :

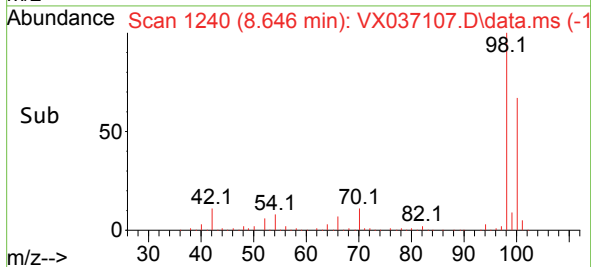
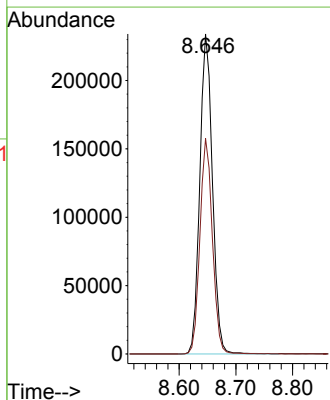
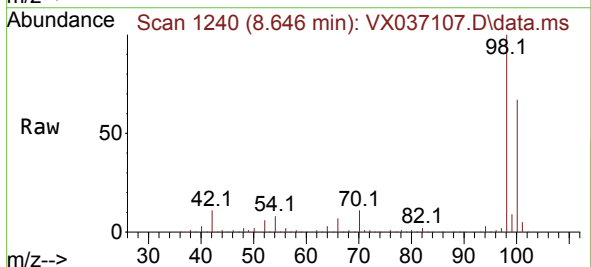


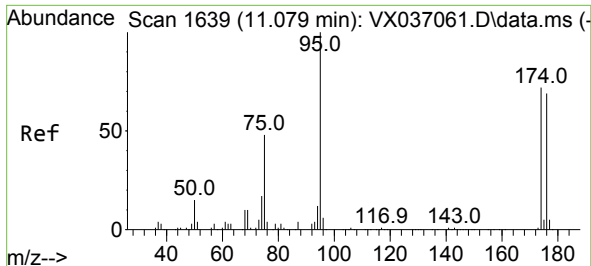
Tgt Ion:117 Resp: 17893
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.522 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Tgt Ion: 98 Resp: 361913
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

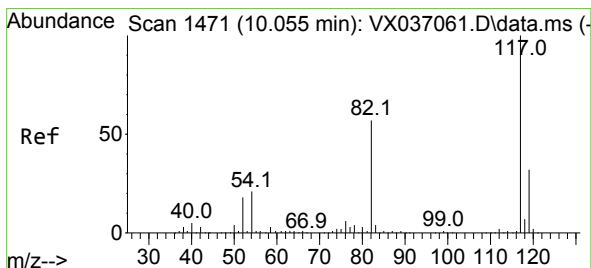
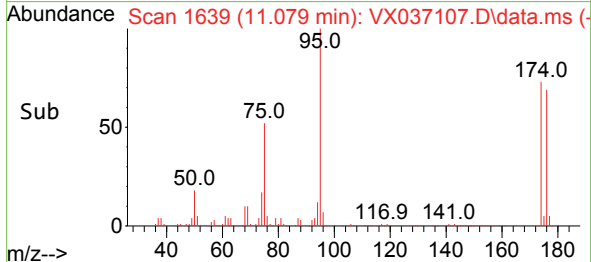
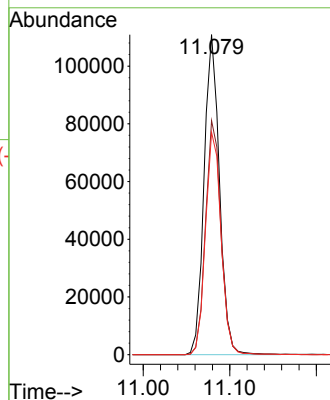
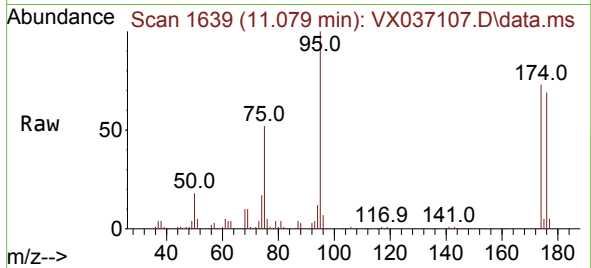




#62
4-Bromofluorobenzene
Concen: 51.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

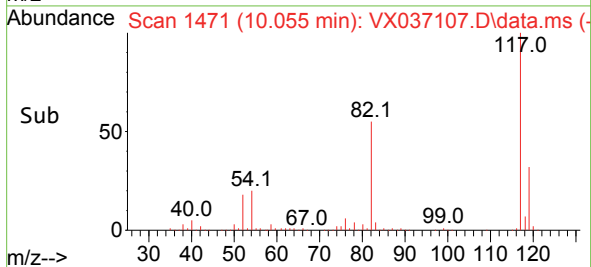
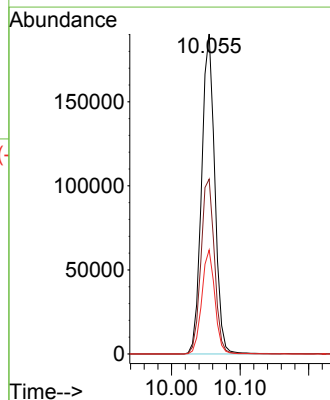
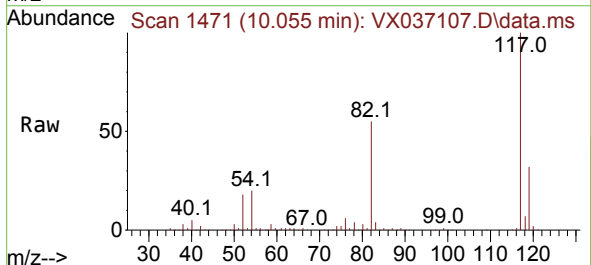
Instrument :
MSVOA_X
ClientSampleId :

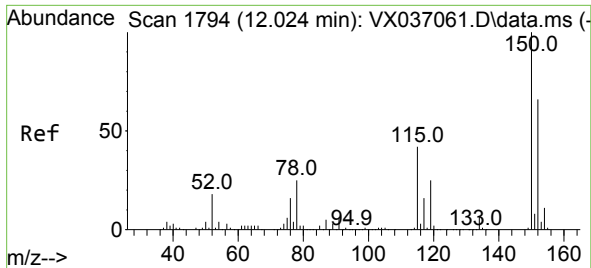
Tgt Ion: 95 Resp: 136801
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

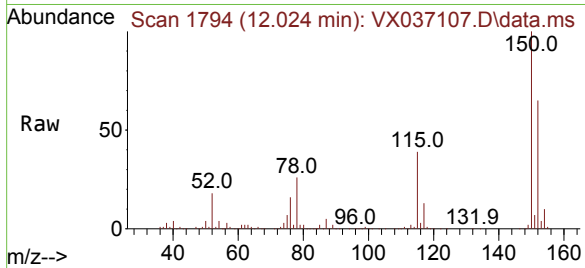
Tgt Ion: 117 Resp: 255178
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.5 25.5 38.3



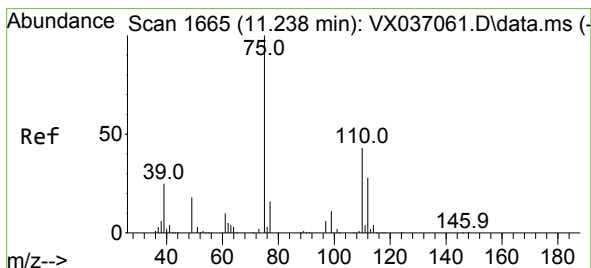
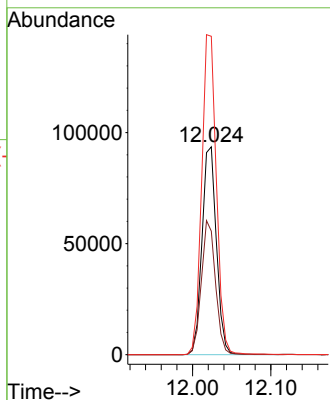
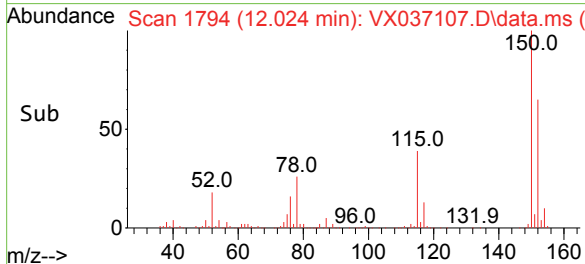


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037107.D
 Acq: 19 Aug 2023 04:26

Instrument :
 MSVOA_X
 ClientSampleId :

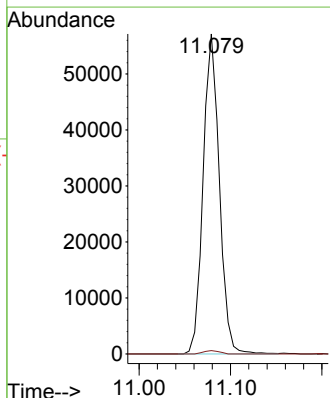
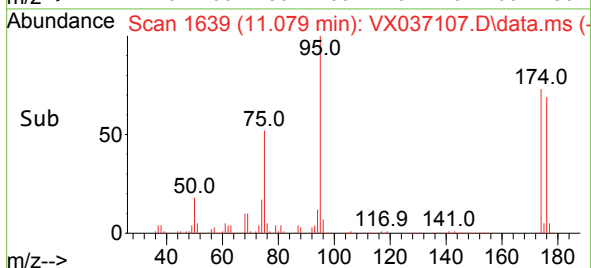
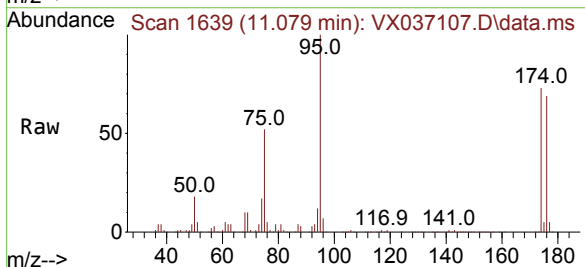


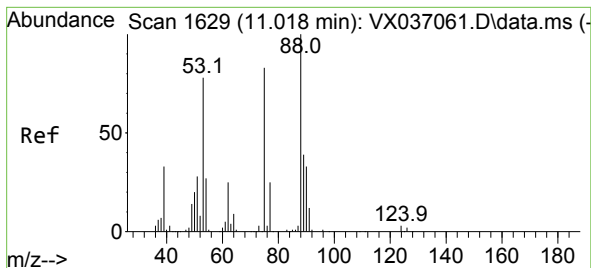
Tgt Ion:152 Resp: 119787
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.552 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037107.D
 Acq: 19 Aug 2023 04:26

Tgt Ion: 75 Resp: 70288
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

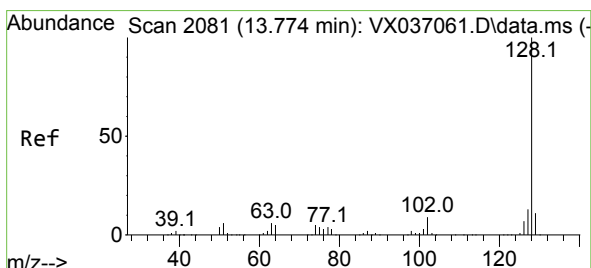
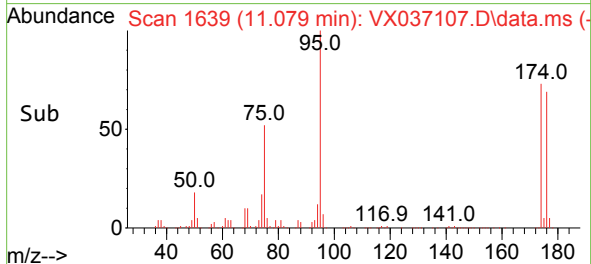
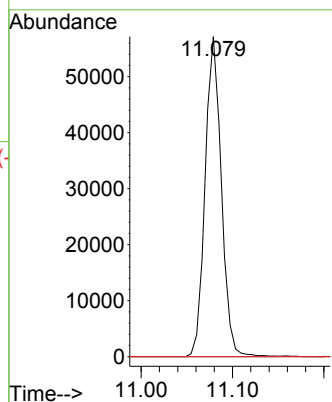
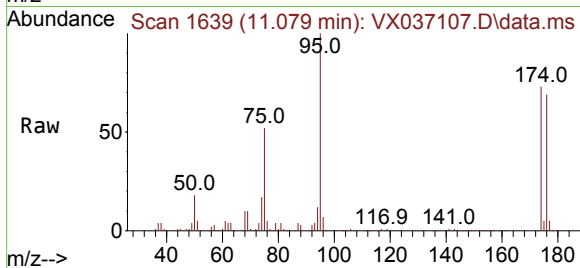




#81
trans-1,4-Dichloro-2-butene
Concen: 76.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 70288
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.862 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037107.D
Acq: 19 Aug 2023 04:26

Tgt Ion: 128 Resp: 18604
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.3 8.8 13.2

