

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037247.D
 Acq On : 25 Aug 2023 04:47
 Operator : JC/MD
 Sample : 04096-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:45:59 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

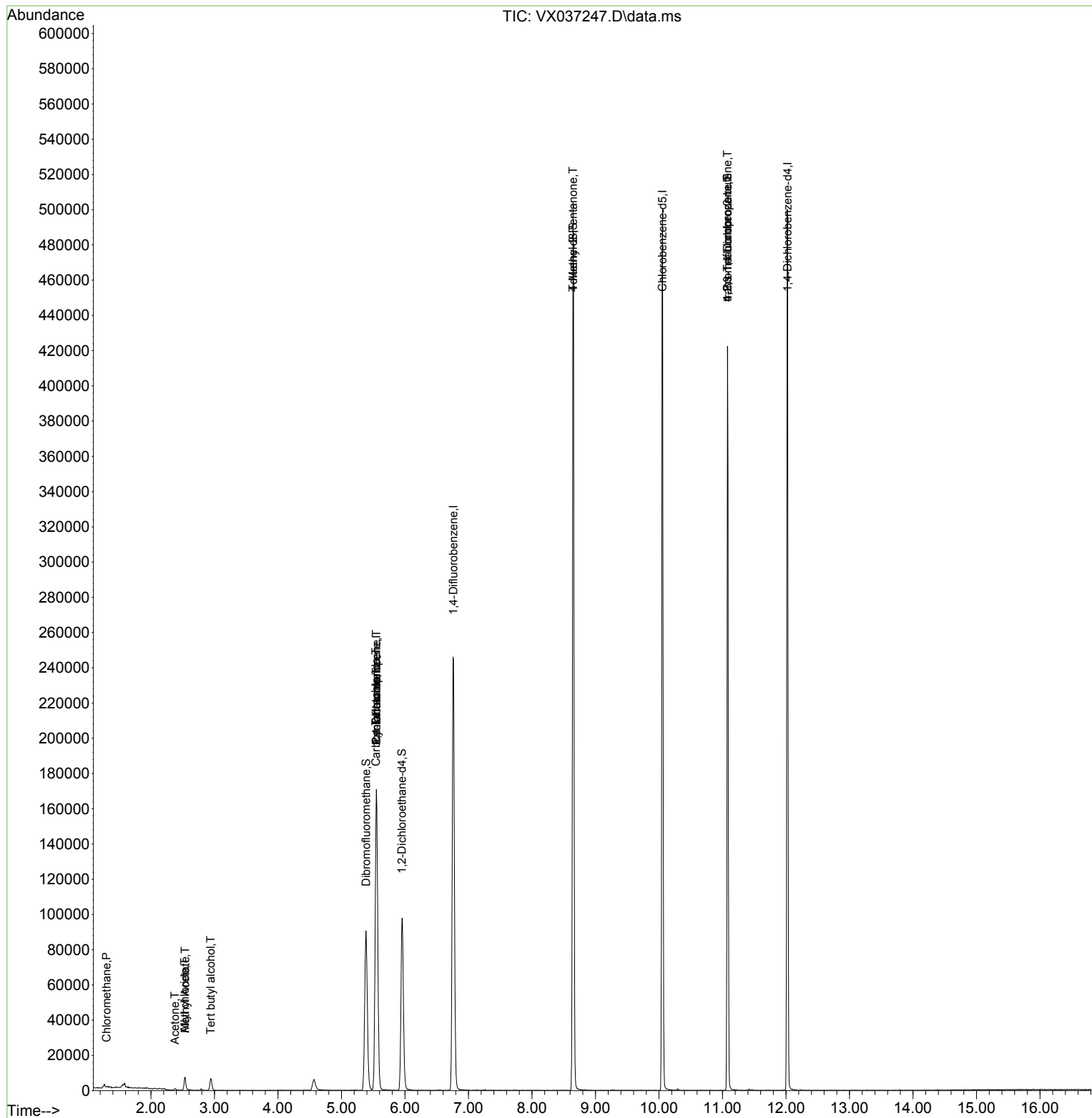
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

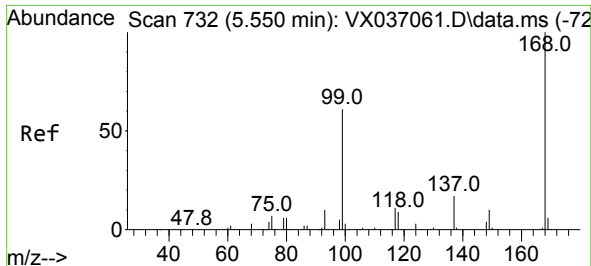
Internal Standards						
1) Pentafluorobenzene	5.550	168	157926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99123	43.536	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.080%	
35) Dibromofluoromethane	5.385	113	79695	46.343	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.680%	
50) Toluene-d8	8.647	98	304473	48.810	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.620%	
62) 4-Bromofluorobenzene	11.079	95	114621	46.757	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	330	0.206	ug/l	90
11) Tert butyl alcohol	2.941	59	3812	7.137	ug/l #	78
14) Allyl chloride	2.532	41	805	0.320	ug/l #	67
16) Acetone	2.380	43	951	1.068	ug/l #	86
18) Methyl Acetate	2.538	43	2479	0.739	ug/l #	53
31) Cyclohexane	5.550	56	3179	1.242	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12461	5.100	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16668	6.280	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1138	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58071	25.618	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58071	71.552	ug/l #	5

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

Instrument :
MSVOA_X
ClientSampleId :

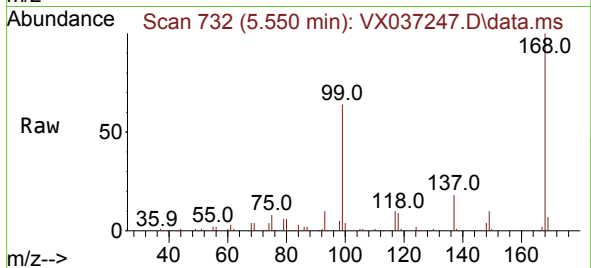
Instrument :
MSVOA_X
ClientSampleId :



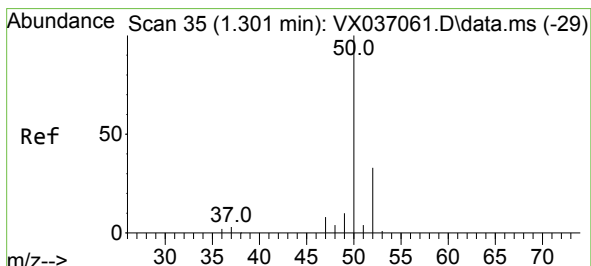
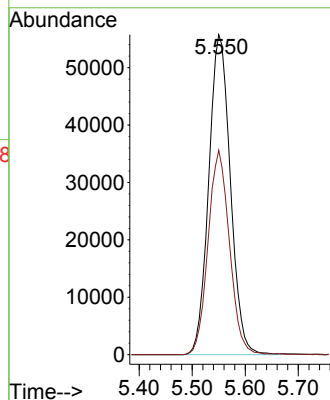
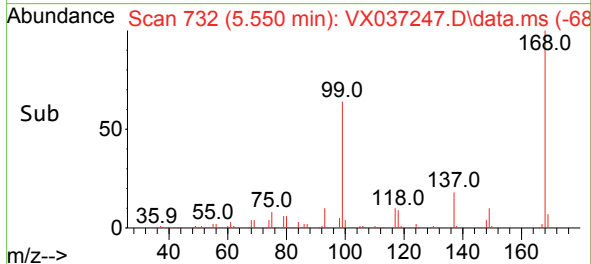


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Instrument :
MSVOA_X
ClientSampleId :

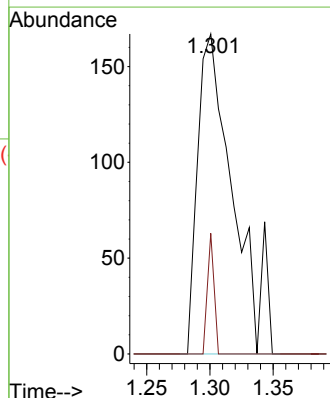
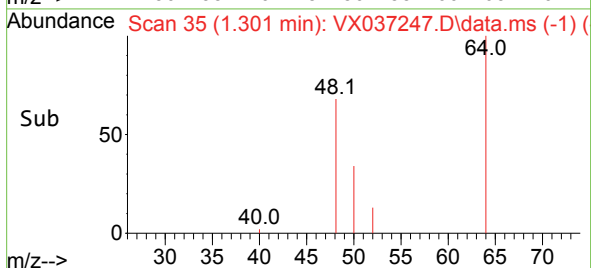
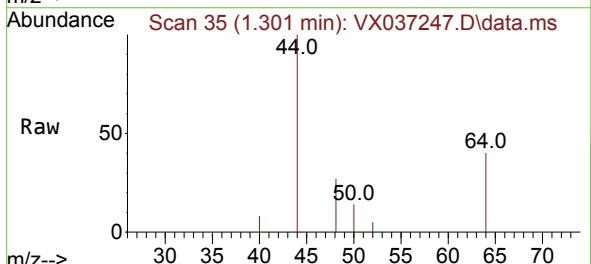


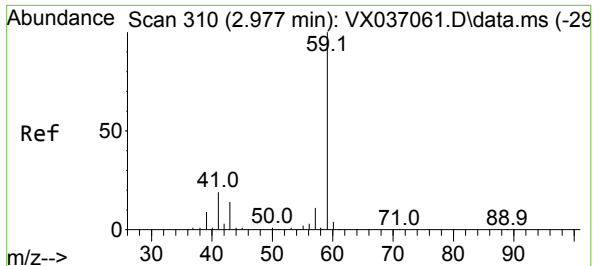
Tgt Ion:168 Resp: 157926
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 37.7 25.5 38.3





#11

Tert butyl alcohol

Concen: 7.137 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.036 min

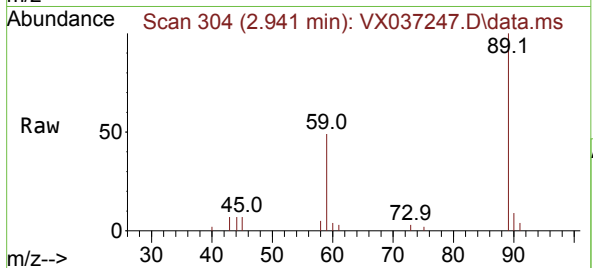
Lab File: VX037247.D

Acq: 25 Aug 2023 04:47

Instrument :

MSVOA_X

ClientSampleId :

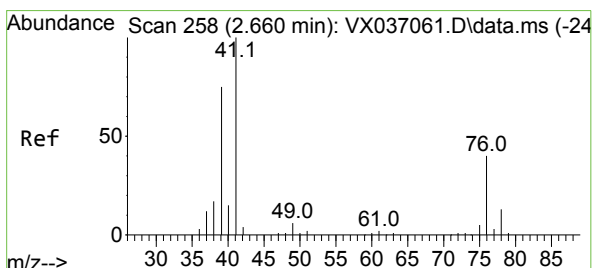
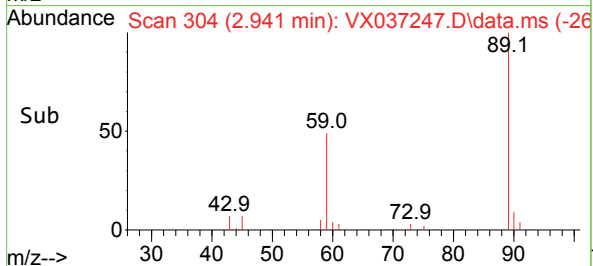
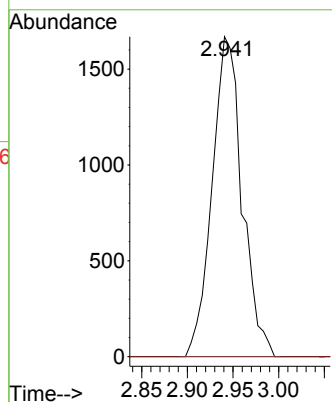


Tgt Ion: 59 Resp: 3812

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.320 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX037247.D

Acq: 25 Aug 2023 04:47

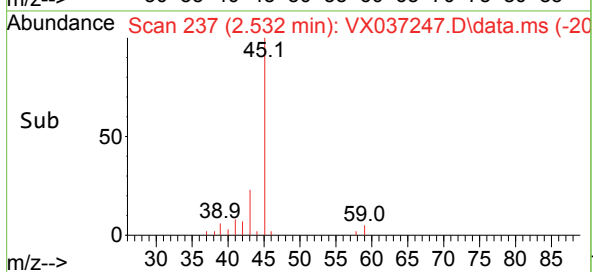
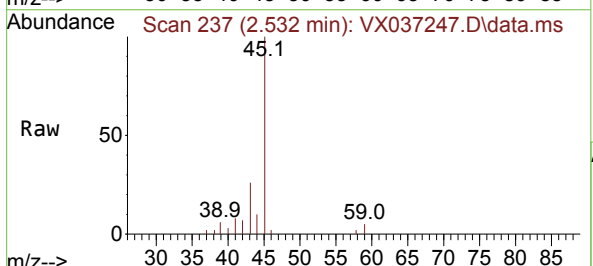
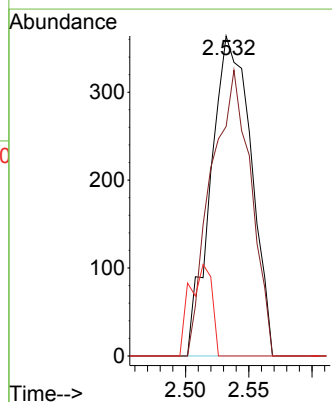
Tgt Ion: 41 Resp: 805

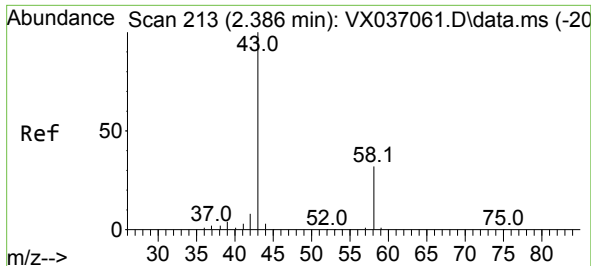
Ion Ratio Lower Upper

41 100

39 88.3 55.8 83.6#

76 0.0 24.3 36.5#





#16

Acetone

Concen: 1.068 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037247.D

Acq: 25 Aug 2023 04:47

Instrument :

MSVOA_X

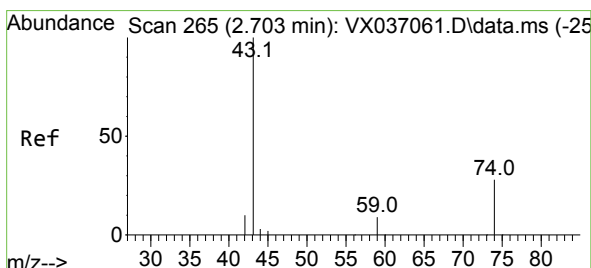
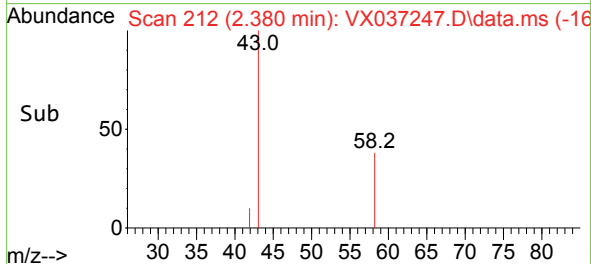
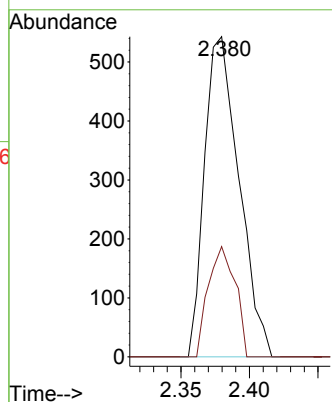
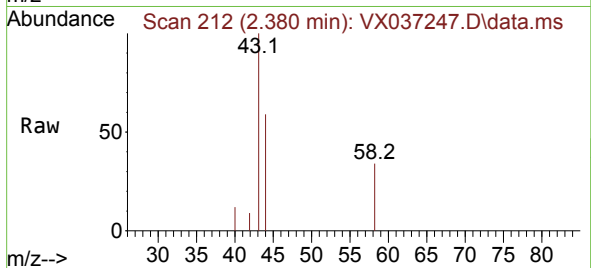
ClientSampleId :

Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

43 100

58 34.4 21.9 32.9#



#18

Methyl Acetate

Concen: 0.739 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.164 min

Lab File: VX037247.D

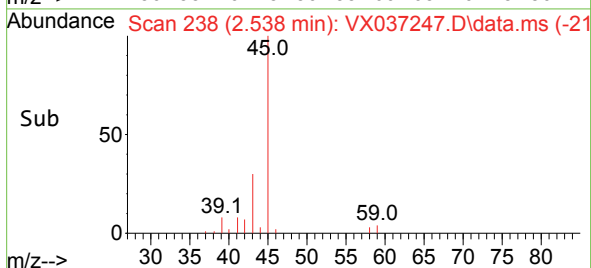
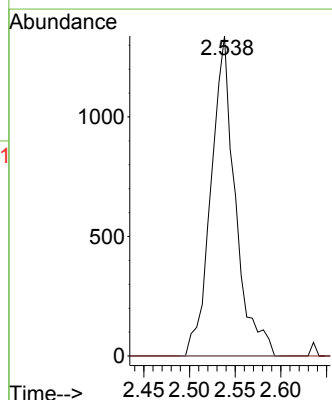
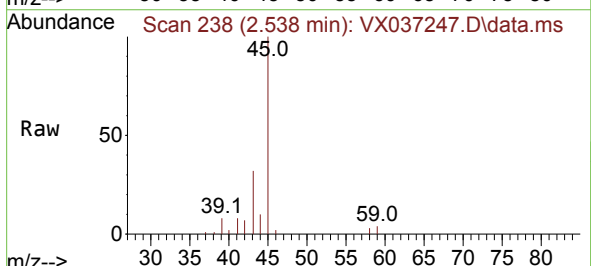
Acq: 25 Aug 2023 04:47

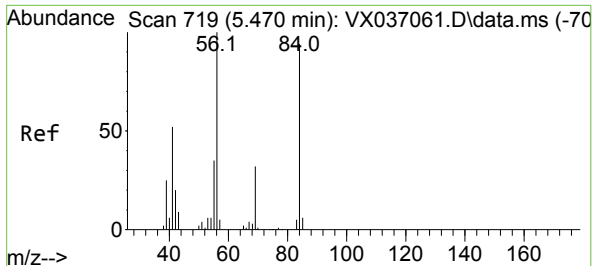
Tgt Ion: 43 Resp: 2479

Ion Ratio Lower Upper

43 100

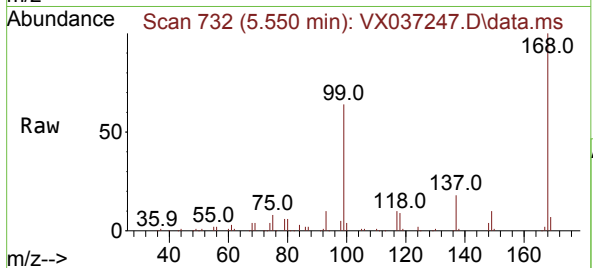
74 0.0 17.8 26.8#



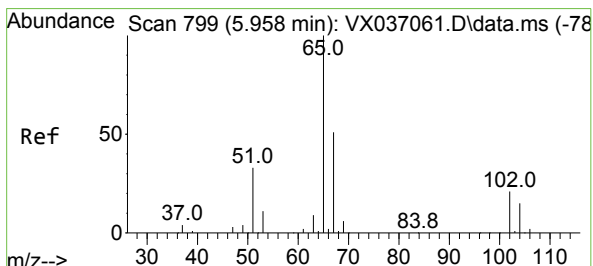
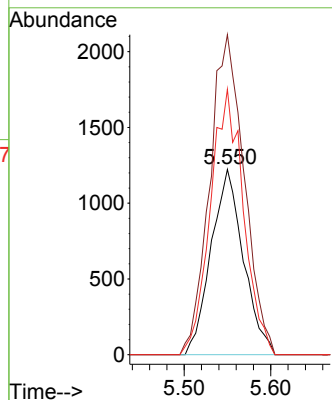
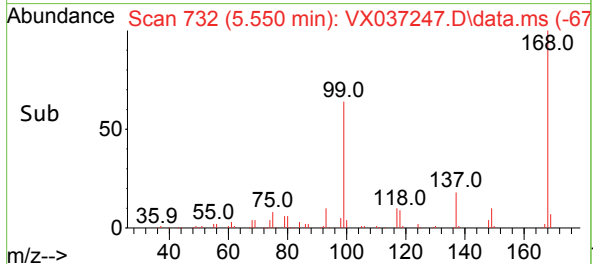


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Instrument :
MSVOA_X
ClientSampleId :

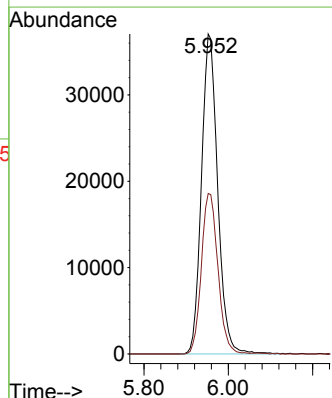
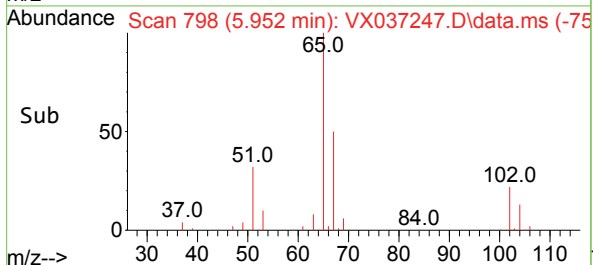
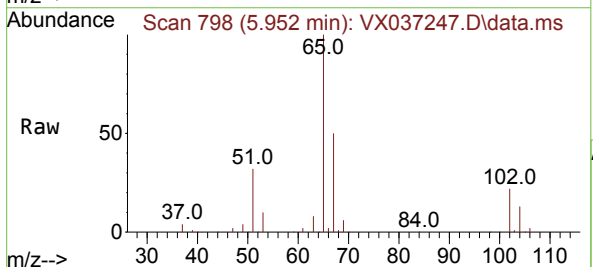


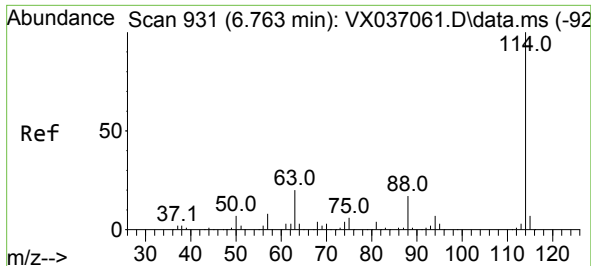
Tgt Ion: 56 Resp: 3179
Ion Ratio Lower Upper
56 100
69 172.7 23.4 35.2#
84 143.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.536 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Tgt Ion: 65 Resp: 99123
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

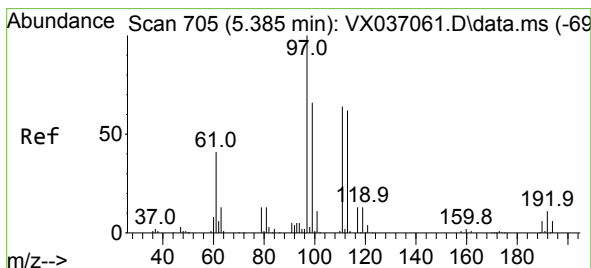
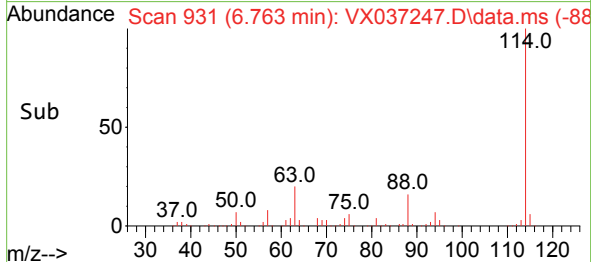
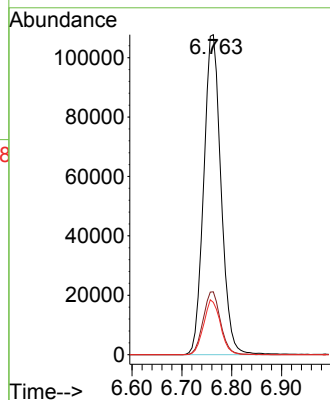
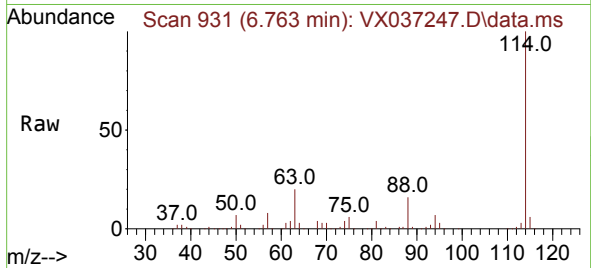




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

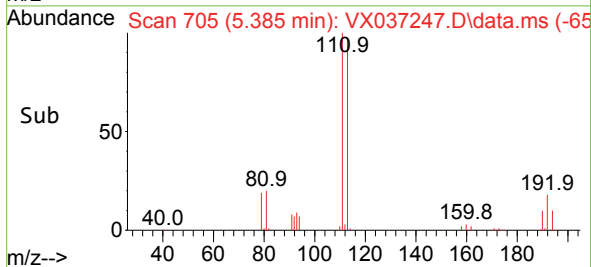
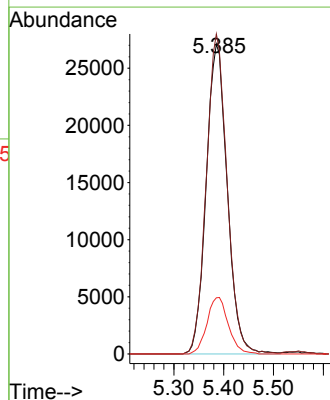
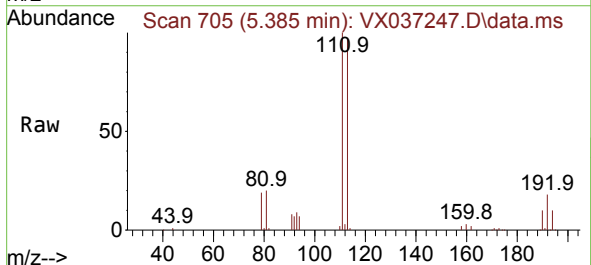
Instrument :
MSVOA_X
ClientSampleId :

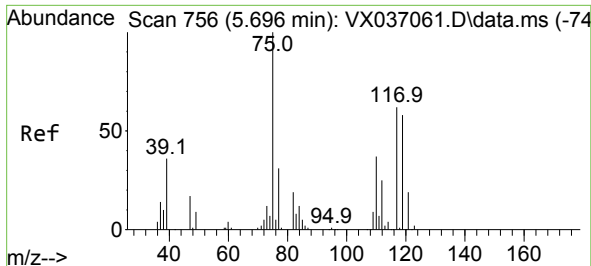
Tgt Ion:114 Resp: 259664
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.343 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Tgt Ion:113 Resp: 79695
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.5 13.3 19.9

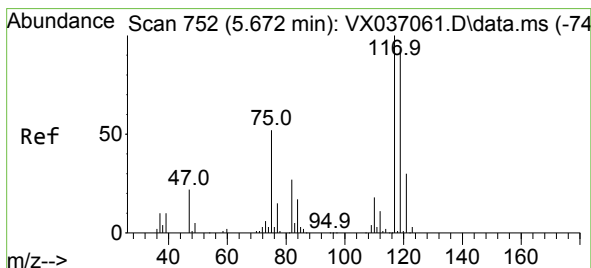
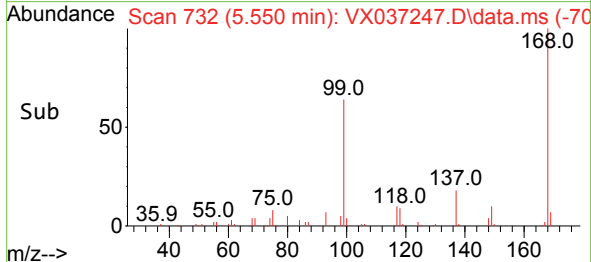
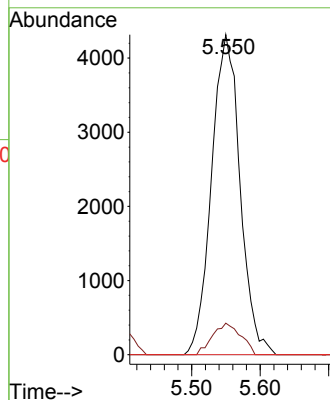
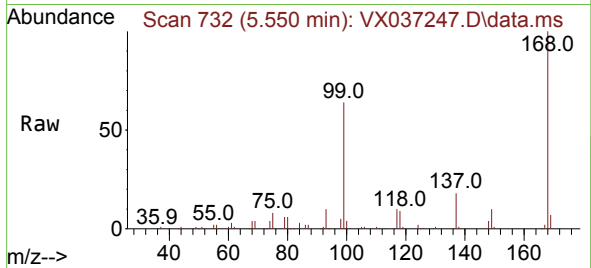




#36
1,1-Dichloropropene
Concen: 5.100 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

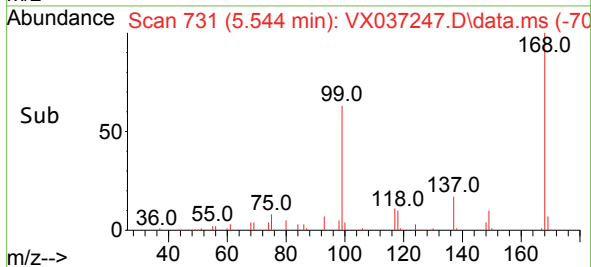
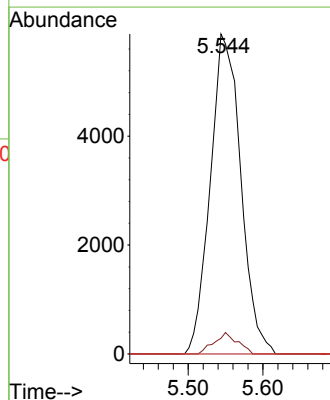
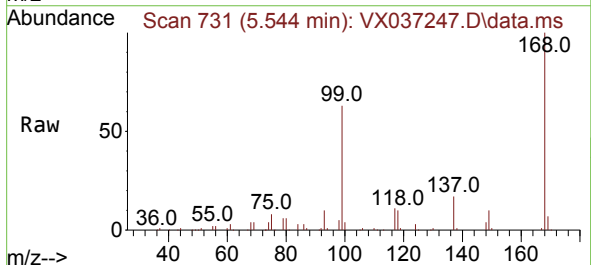
Instrument :
MSVOA_X
ClientSampleId :

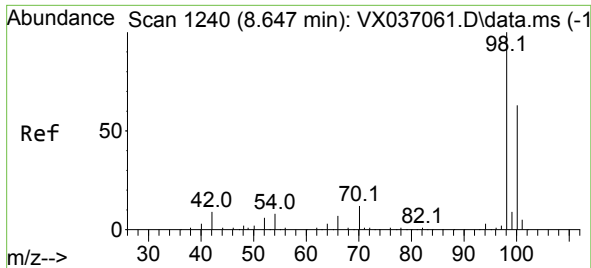
Tgt Ion: 75 Resp: 12461
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.280 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Tgt Ion: 117 Resp: 16668
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

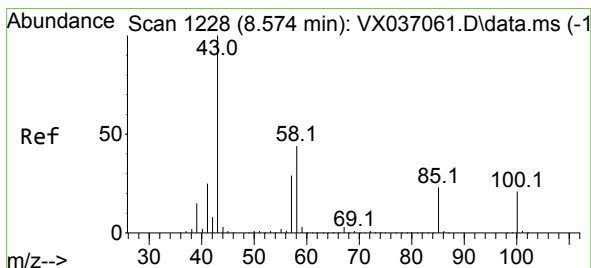
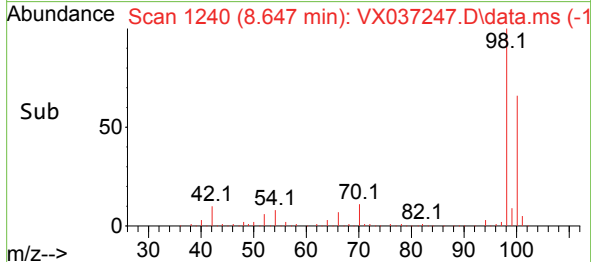
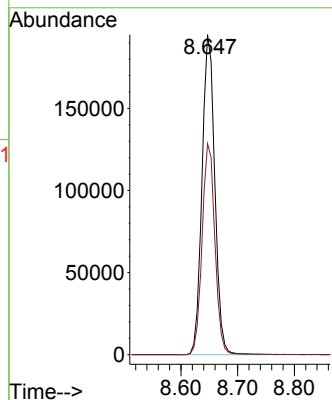
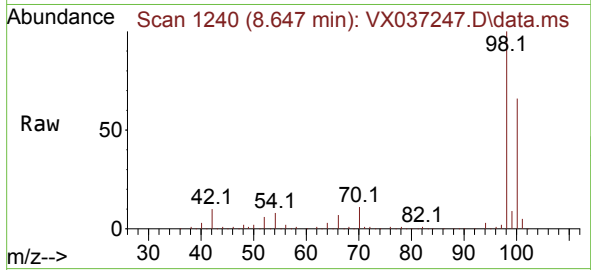




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

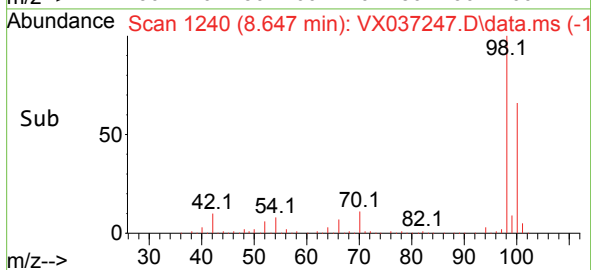
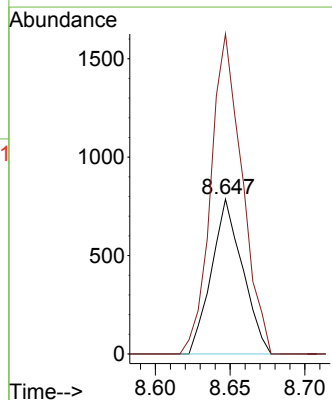
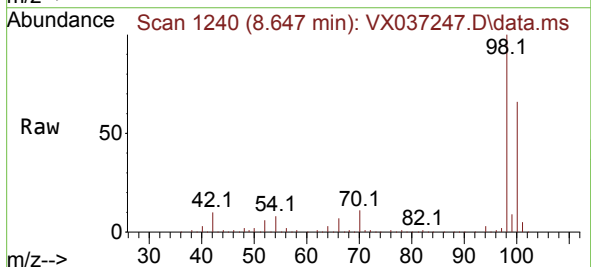
Instrument :
MSVOA_X
ClientSampleId :

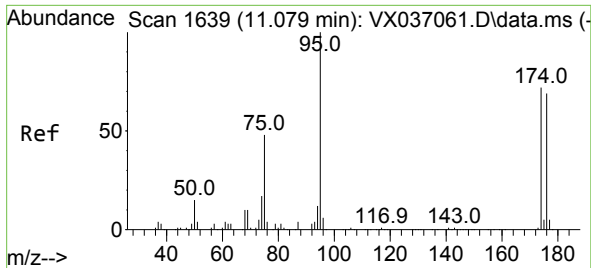
Tgt Ion: 98 Resp: 304473
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 207.9 30.4 45.6#

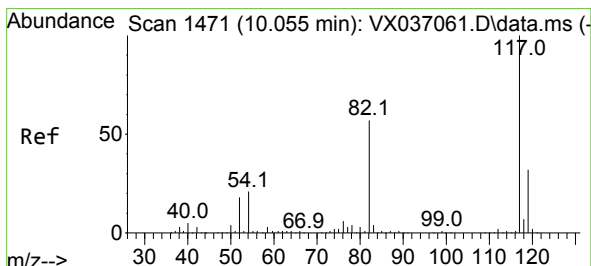
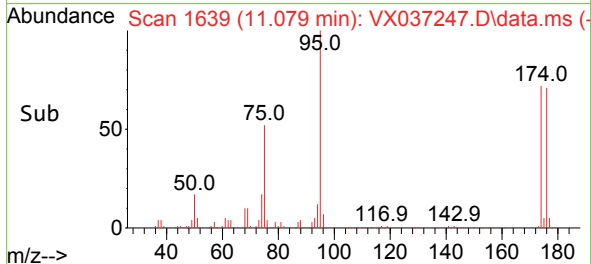
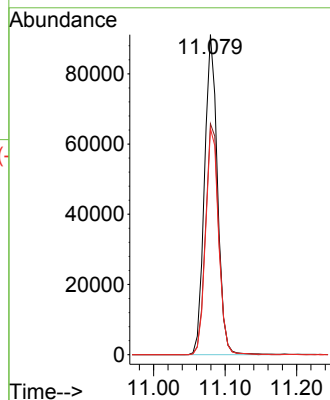
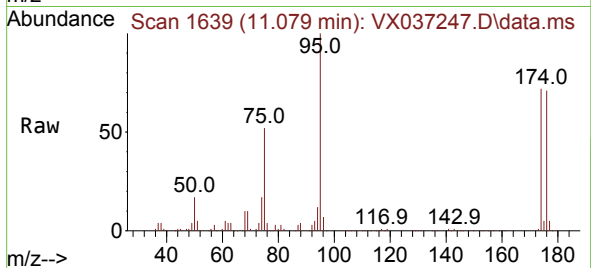




#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

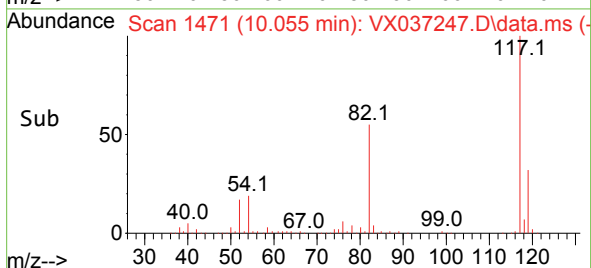
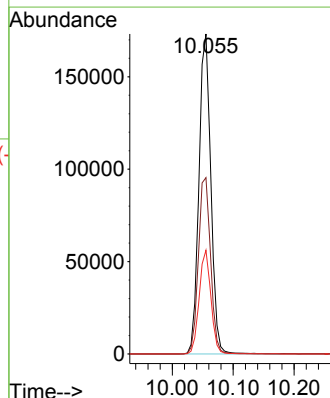
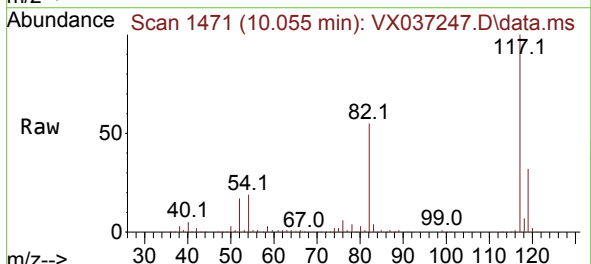
Instrument :
MSVOA_X
ClientSampleId :

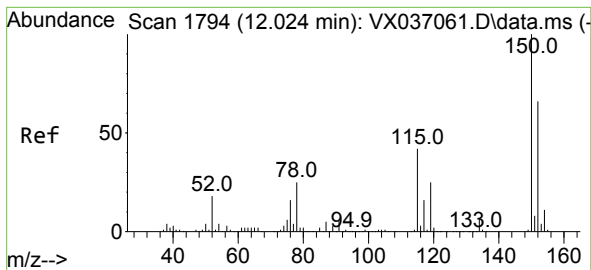
Tgt Ion: 95 Resp: 114621
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037247.D
Acq: 25 Aug 2023 04:47

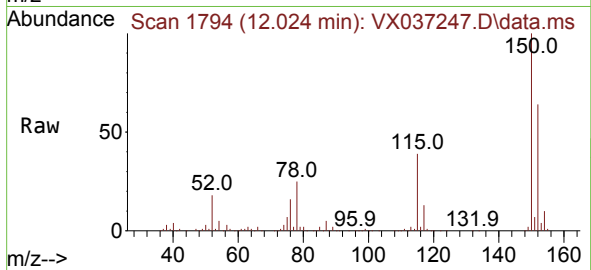
Tgt Ion: 117 Resp: 234372
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 25.5 38.3



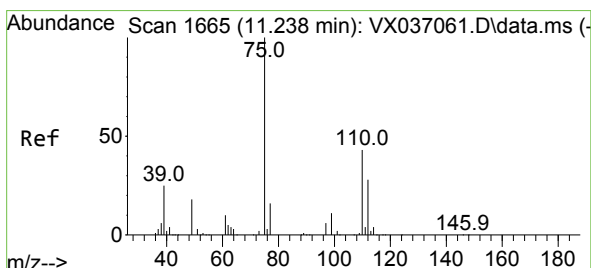
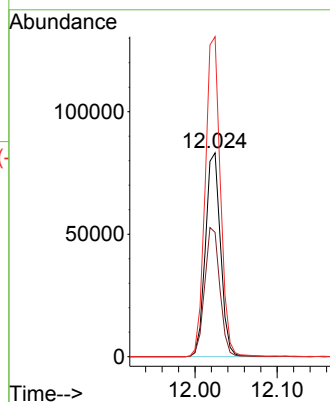
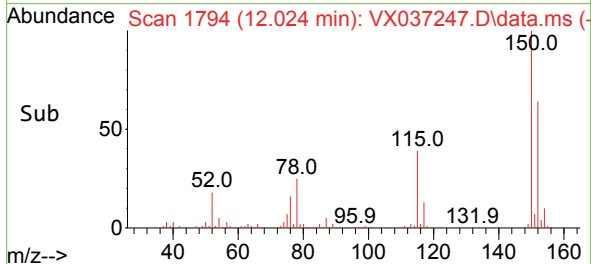


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037247.D
 Acq: 25 Aug 2023 04:47

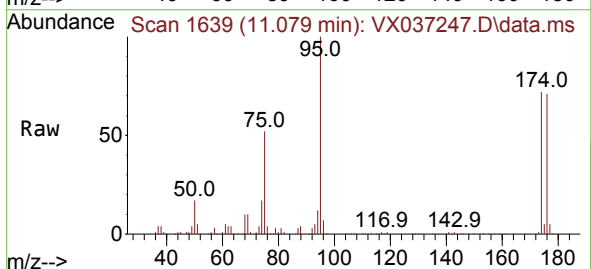
Instrument :
 MSVOA_X
 ClientSampleId :



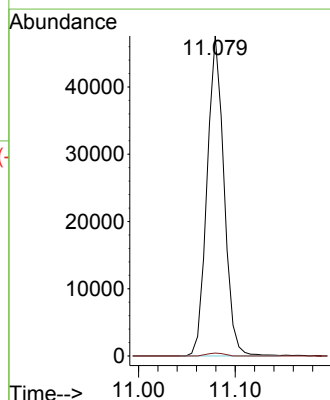
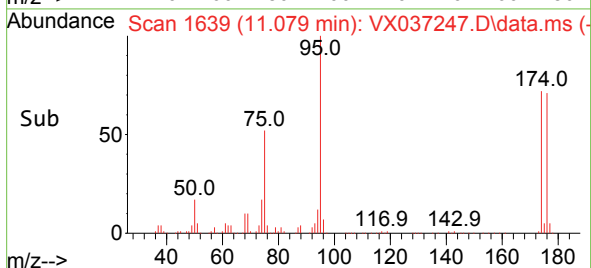
Tgt Ion:152 Resp: 106440
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 157.9 0.0 345.0

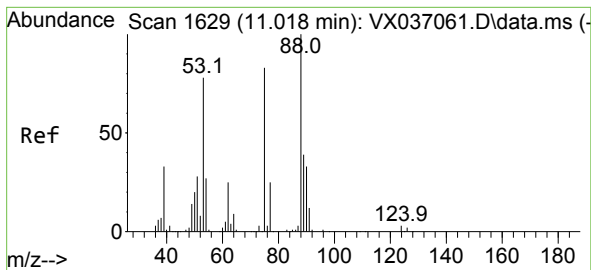


#76
 1,2,3-Trichloropropane
 Concen: 25.618 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037247.D
 Acq: 25 Aug 2023 04:47



Tgt Ion: 75 Resp: 58071
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.552 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037247.D
 Acq: 25 Aug 2023 04:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 58071
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

