

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037497.D
 Acq On : 02 Sep 2023 20:50
 Operator : JC/MD
 Sample : 04273-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1815

Quant Time: Sep 04 04:34:08 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)

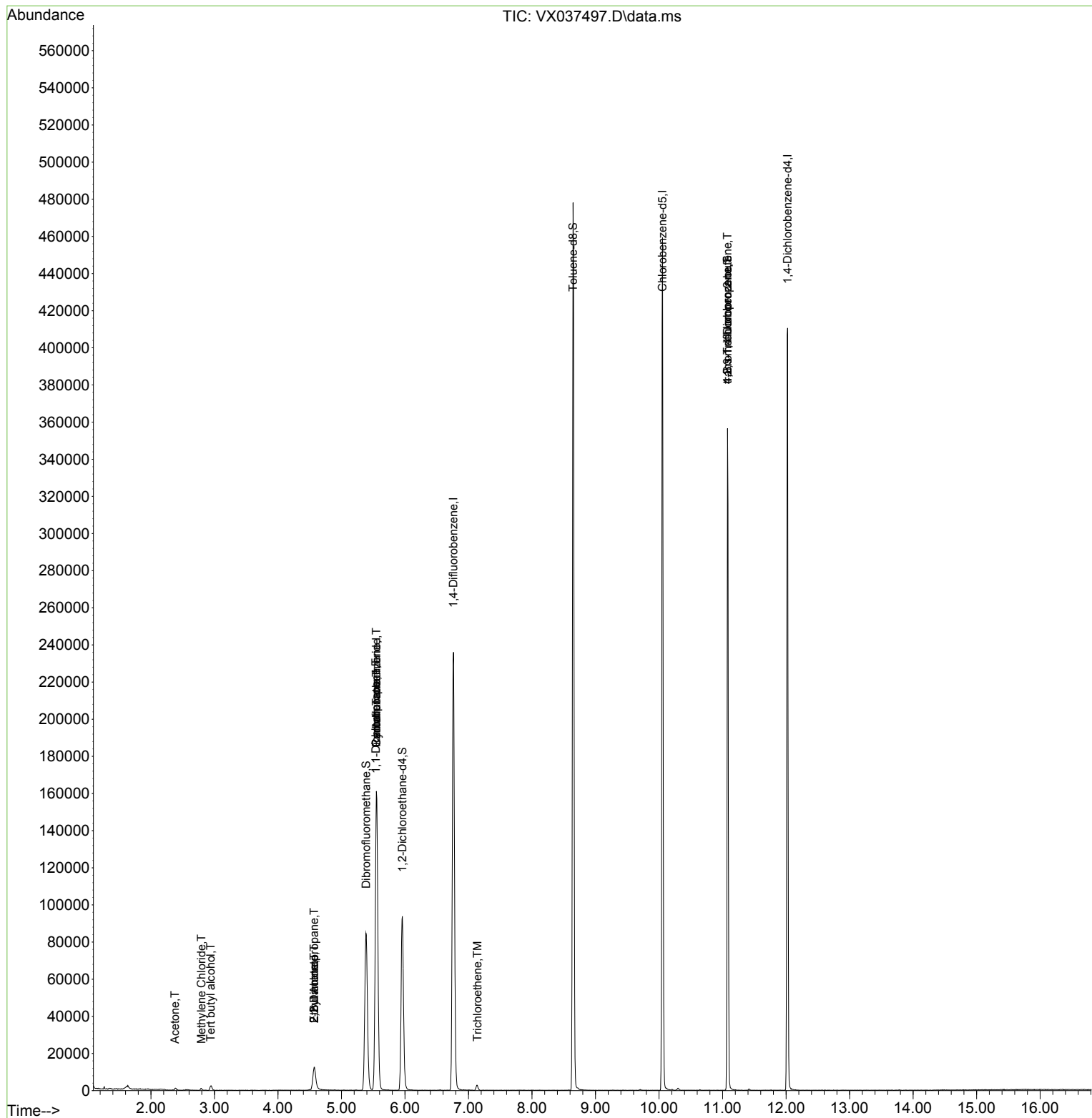
Internal Standards						
1) Pentafluorobenzene	5.550	168	155336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92315	41.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.440%		
35) Dibromofluoromethane	5.385	113	77931	46.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.220%		
50) Toluene-d8	8.647	98	295563	48.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.079	95	100436	41.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1619	3.082	ug/l #	78
16) Acetone	2.380	43	1466	1.673	ug/l #	82
20) Methylene Chloride	2.794	84	562	0.287	ug/l #	71
25) 2-Butanone	4.568	43	7147	5.418	ug/l	92
26) 2,2-Dichloropropane	4.568	77	793	0.279	ug/l #	54
31) Cyclohexane	5.550	56	2777	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11766	4.900	ug/l #	51
37) Ethyl Acetate	4.568	43	7147	2.914	ug/l #	78
38) Carbon Tetrachloride	5.550	117	16051	6.153	ug/l #	15
44) Trichloroethene	7.141	130	1210	0.620	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	49408	25.490	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49408	71.196	ug/l #	5

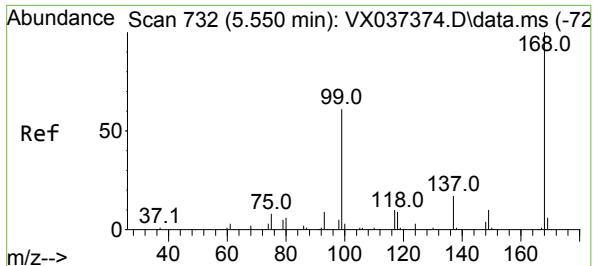
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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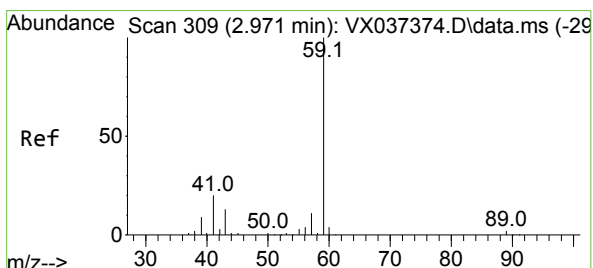
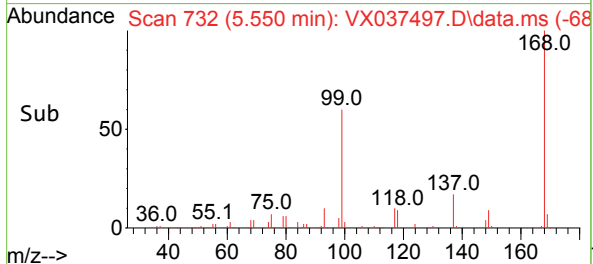
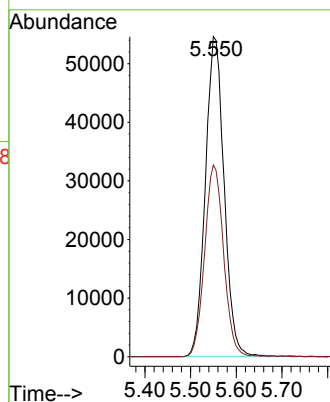
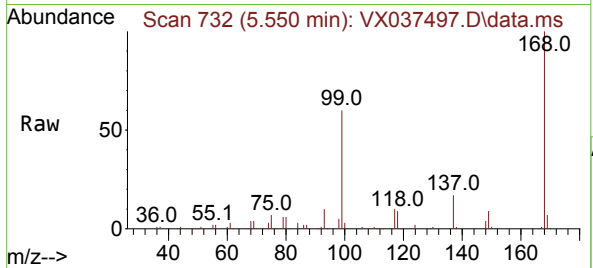




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 715
Delta R.T. -0.000 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

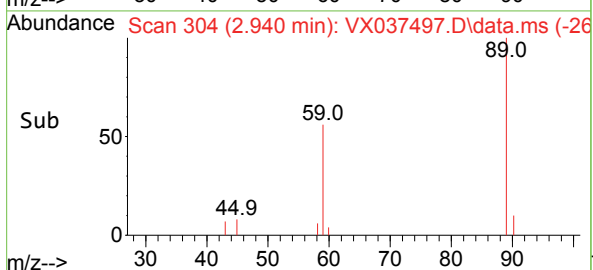
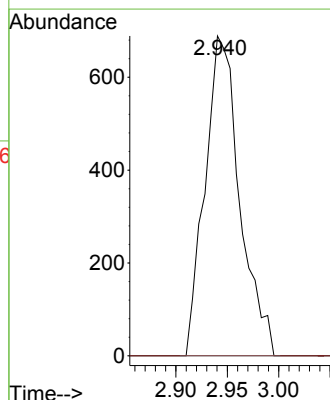
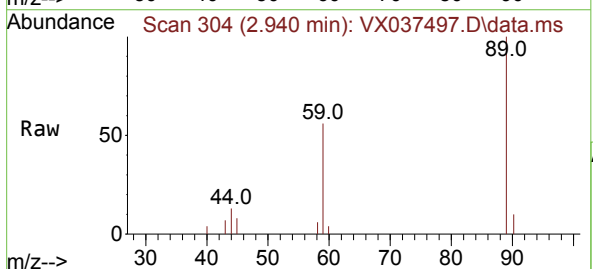
Instrument :
MSVOA_X
ClientSampleId :
1815

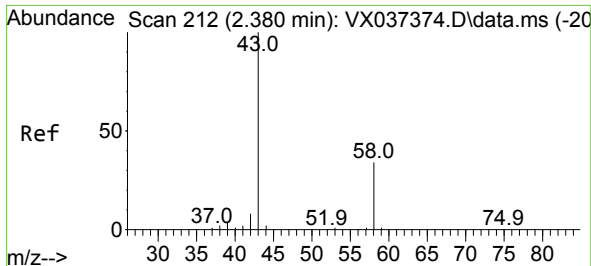
Tgt Ion:168 Resp: 155336
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.082 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Tgt Ion: 59 Resp: 1619
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.673 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

Instrument :

MSVOA_X

ClientSampleId :

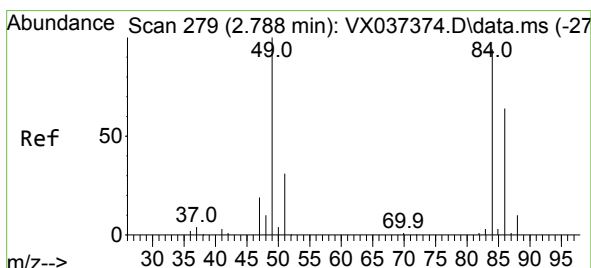
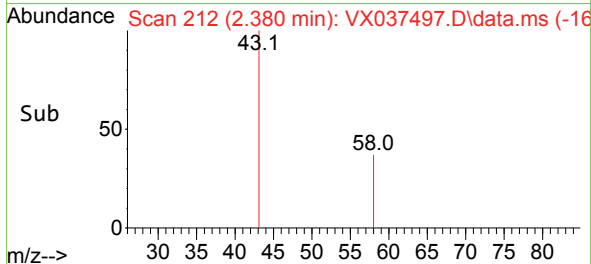
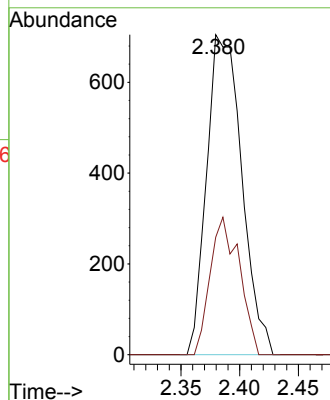
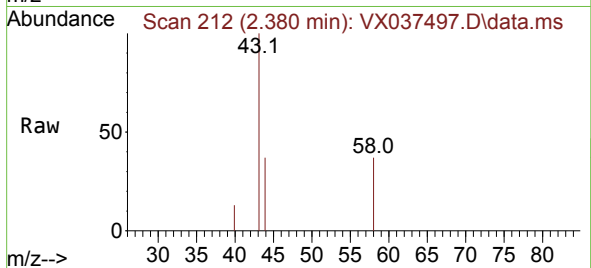
1815

Tgt Ion: 43 Resp: 1466

Ion Ratio Lower Upper

43 100

58 36.7 21.9 32.9#



#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

Tgt Ion: 84 Resp: 562

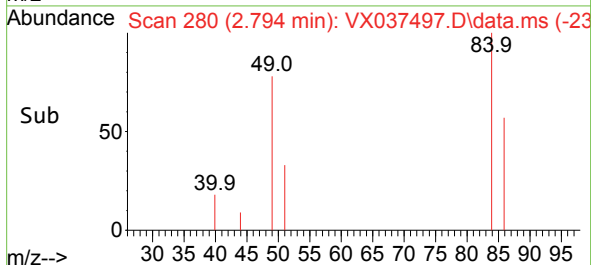
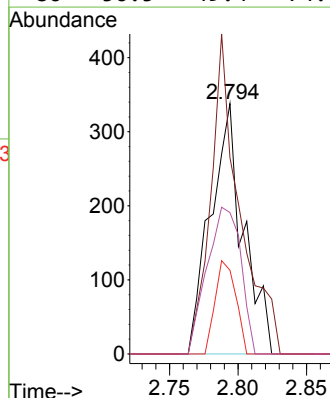
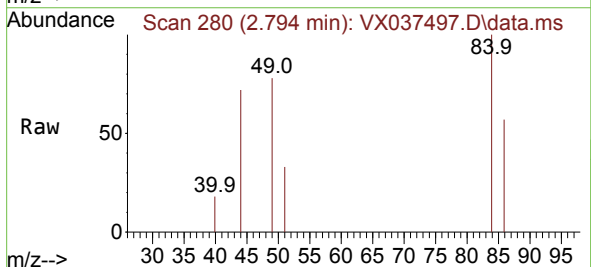
Ion Ratio Lower Upper

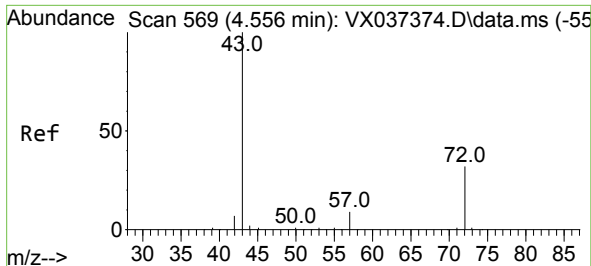
84 100

49 78.4 103.6 155.4#

51 33.4 33.8 50.6#

86 56.5 49.4 74.0

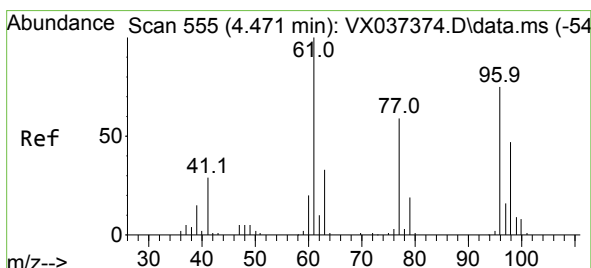
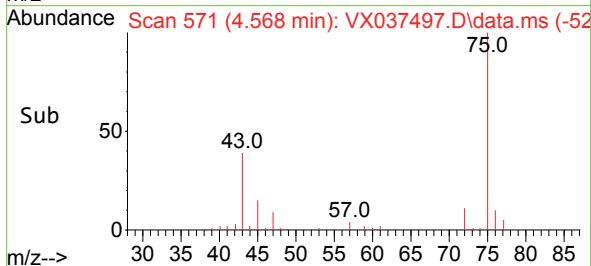
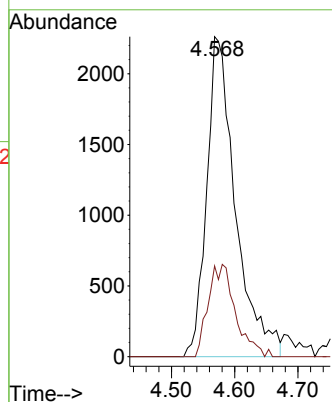
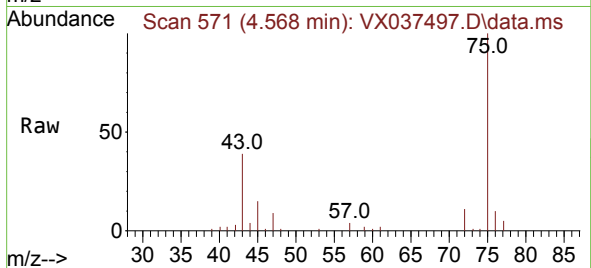




#25
2-Butanone
Concen: 5.418 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

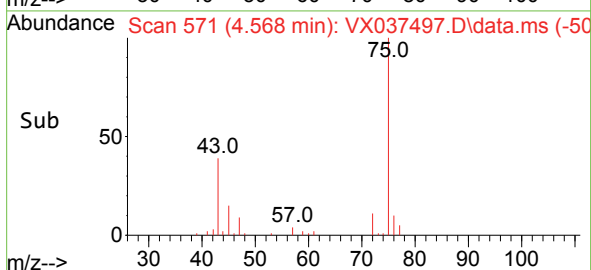
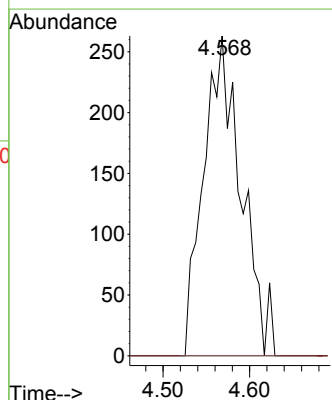
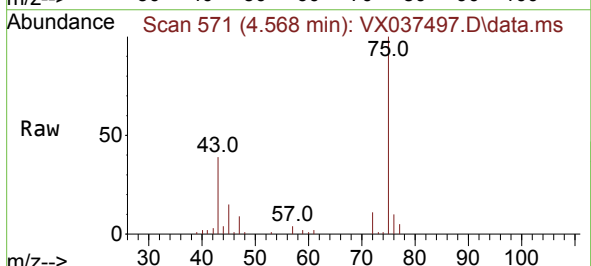
Instrument :
MSVOA_X
ClientSampleId :
1815

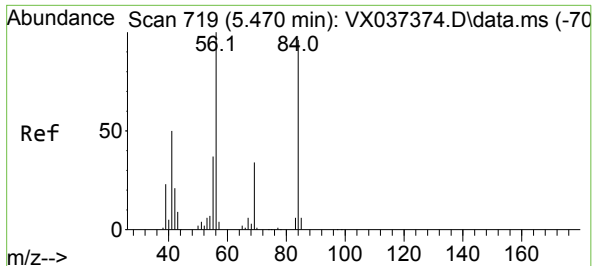
Tgt Ion: 43 Resp: 7147
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.279 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Tgt Ion: 77 Resp: 793
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





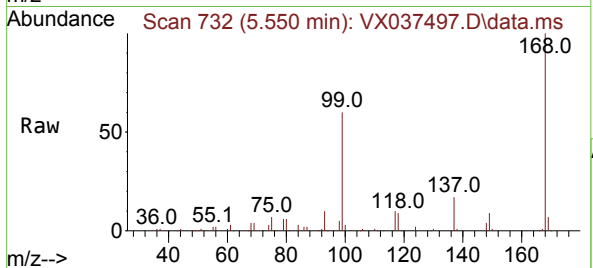
#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Instrument :

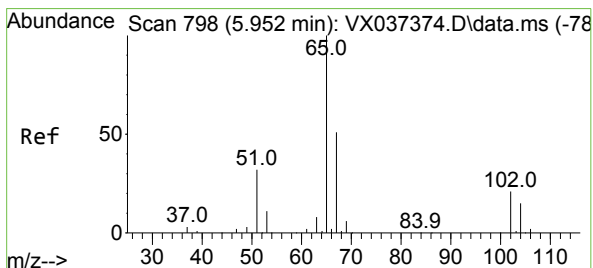
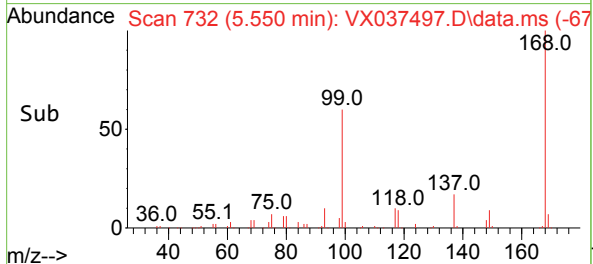
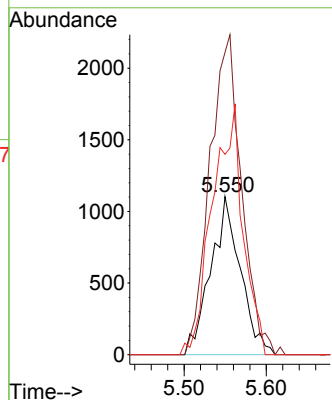
MSVOA_X

ClientSampleId :

1815

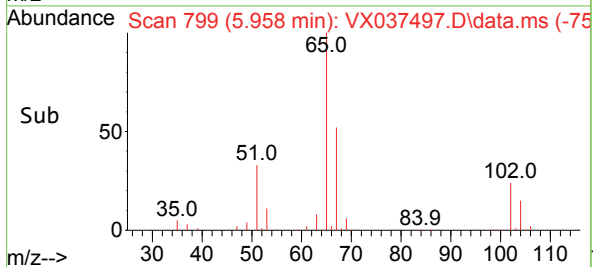
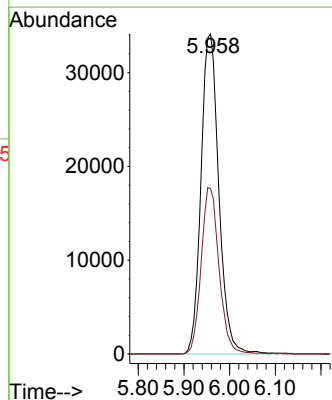
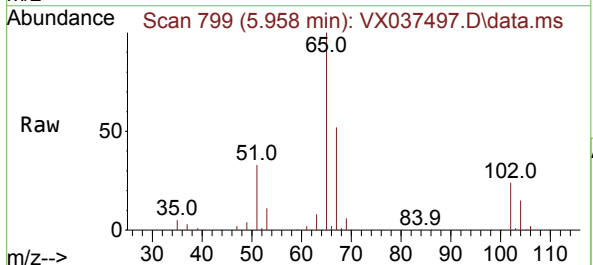


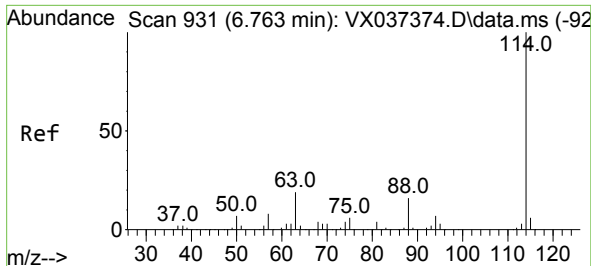
Tgt Ion: 56 Resp: 2777
Ion Ratio Lower Upper
56 100
69 191.1 23.4 35.2#
84 126.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.222 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Tgt Ion: 65 Resp: 92315
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

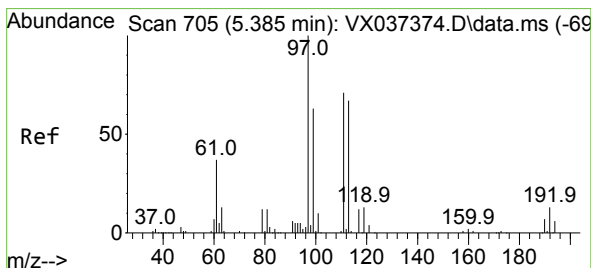
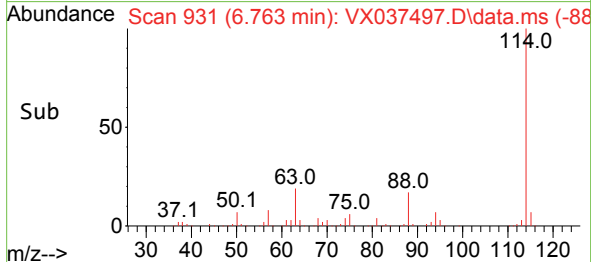
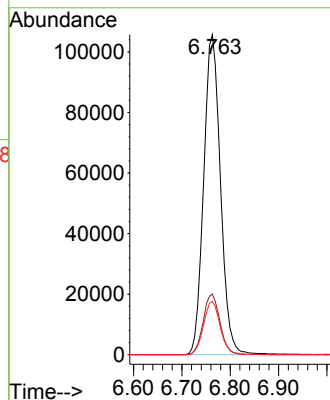
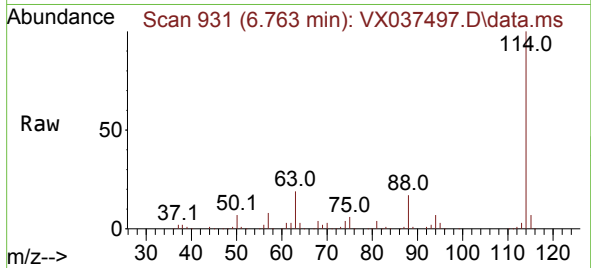




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

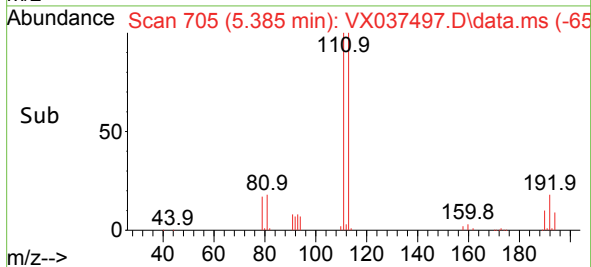
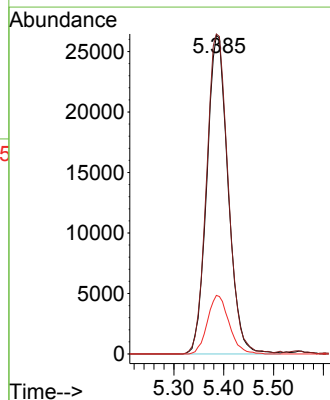
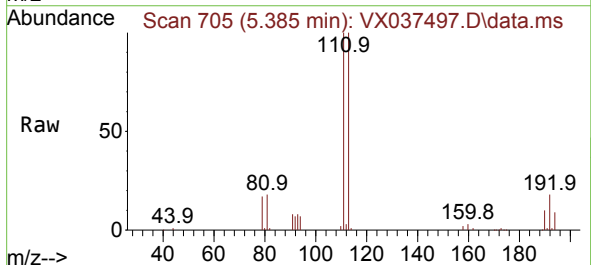
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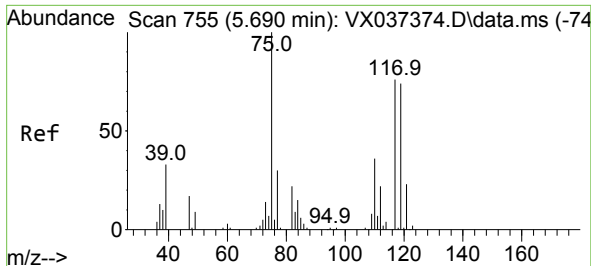
Tgt Ion:114 Resp: 255210
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Tgt Ion:113 Resp: 77931
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9

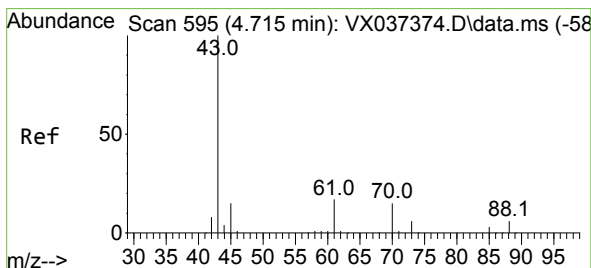
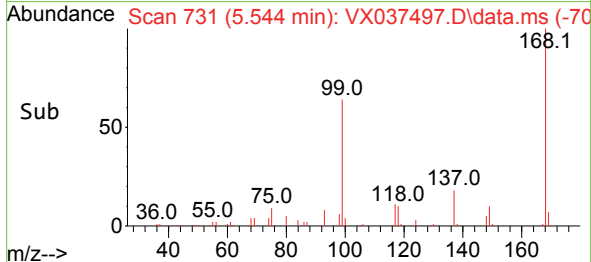
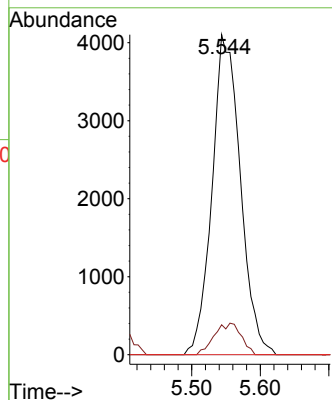
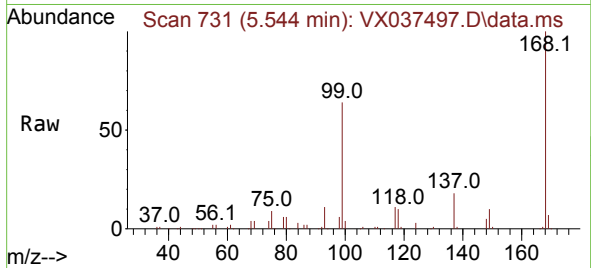




#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

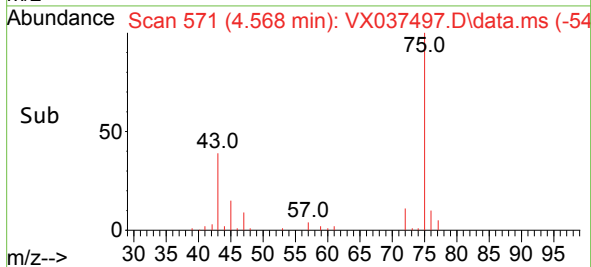
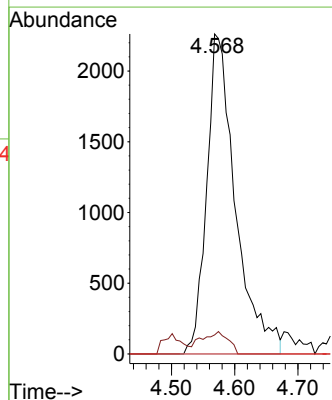
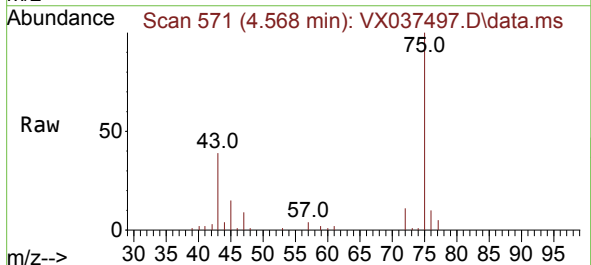
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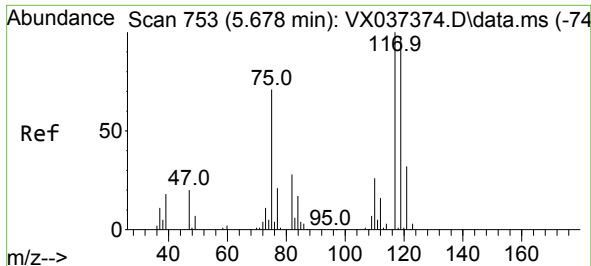
Tgt Ion: 75 Resp: 11766
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 2.914 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX037497.D
Acq: 02 Sep 2023 20:50

Tgt Ion: 43 Resp: 7147
Ion Ratio Lower Upper
43 100
61 6.4 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.153 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037497.D

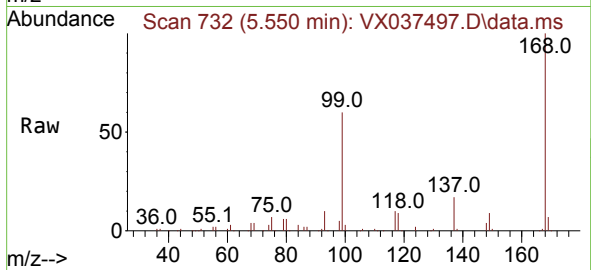
Acq: 02 Sep 2023 20:50

Instrument :

MSVOA_X

ClientSampleId :

1815



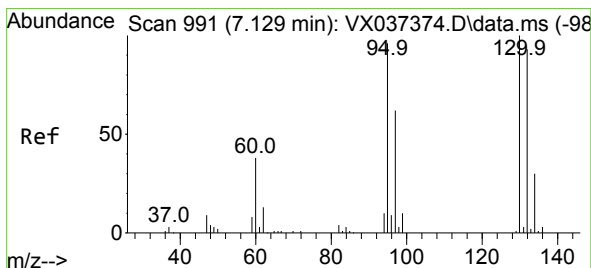
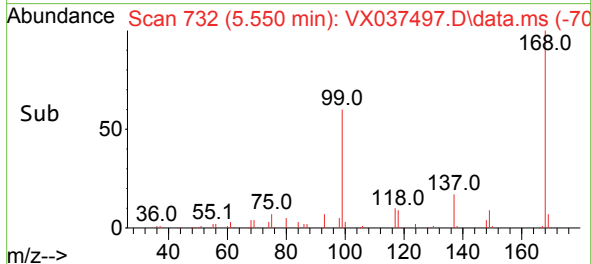
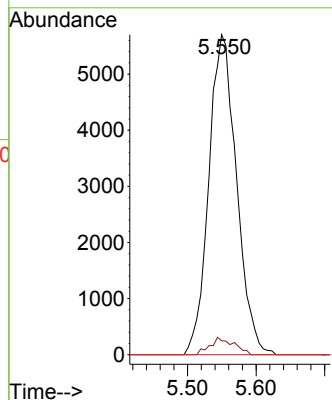
Tgt Ion:117 Resp: 16051

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.620 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.018 min

Lab File: VX037497.D

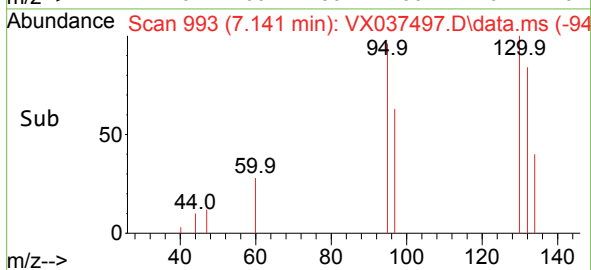
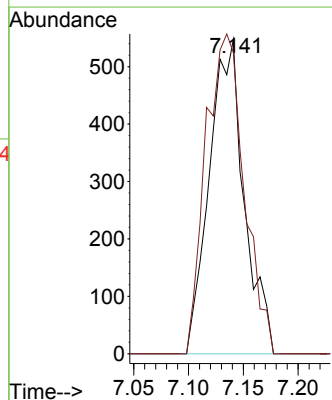
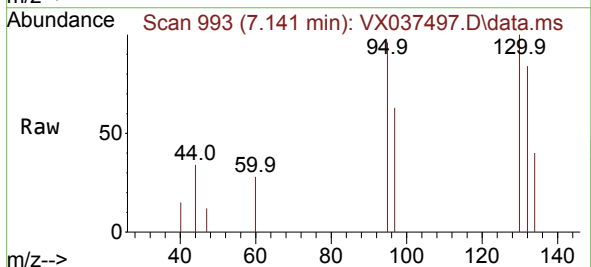
Acq: 02 Sep 2023 20:50

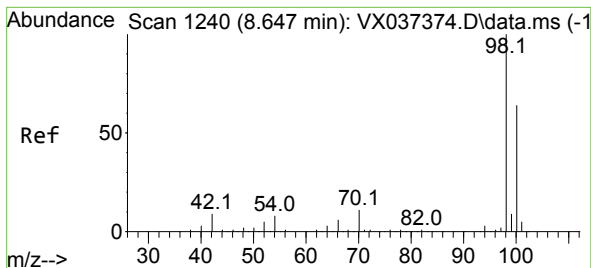
Tgt Ion:130 Resp: 1210

Ion Ratio Lower Upper

130 100

95 96.0 0.0 204.4





#50

Toluene-d8

Concen: 48.208 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

Instrument :

MSVOA_X

ClientSampleId :

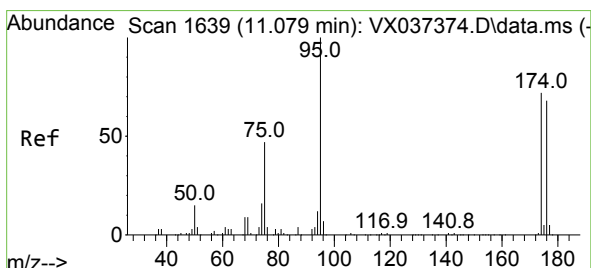
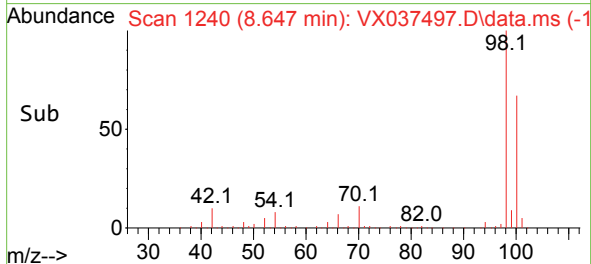
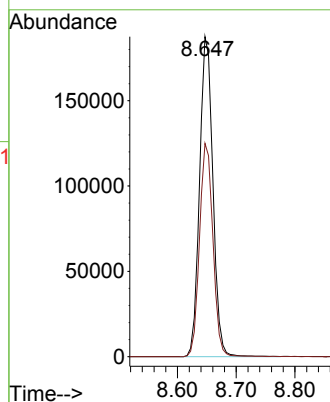
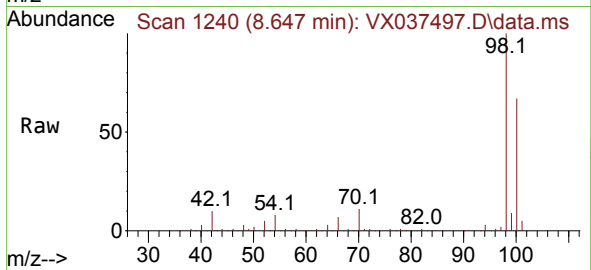
1815

Tgt Ion: 98 Resp: 295563

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 41.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

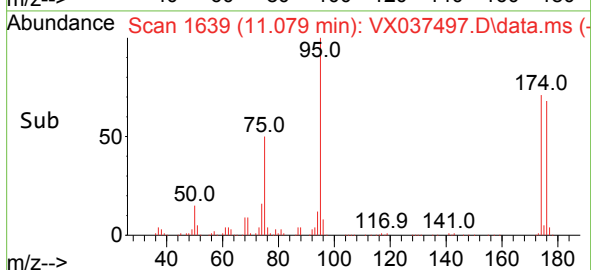
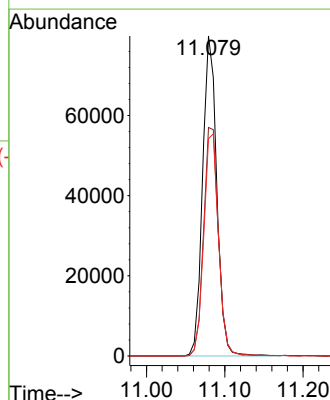
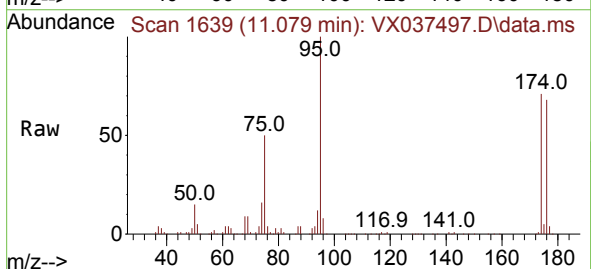
Tgt Ion: 95 Resp: 100436

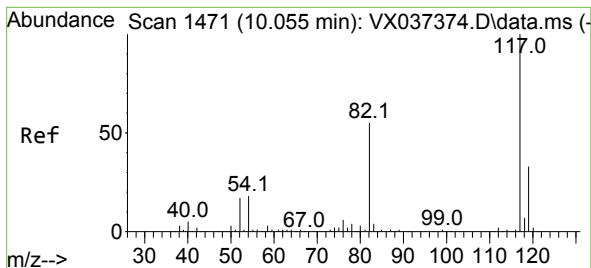
Ion Ratio Lower Upper

95 100

174 74.6 0.0 135.6

176 72.1 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: VX037497.D

Acq: 02 Sep 2023 20:50

Instrument :

MSVOA_X

ClientSampleId :

1815

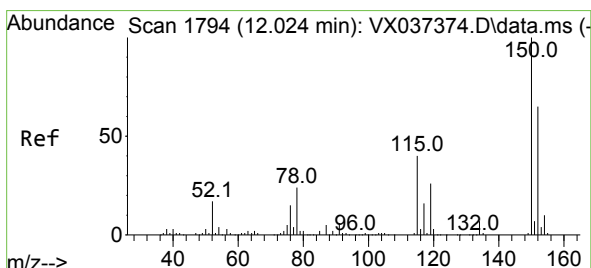
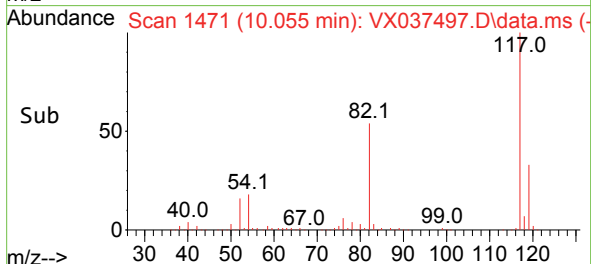
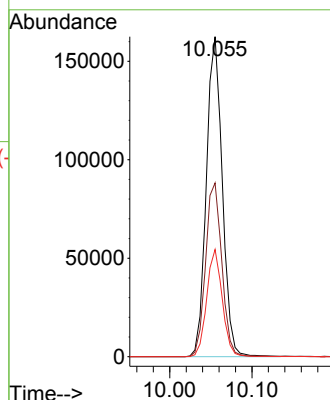
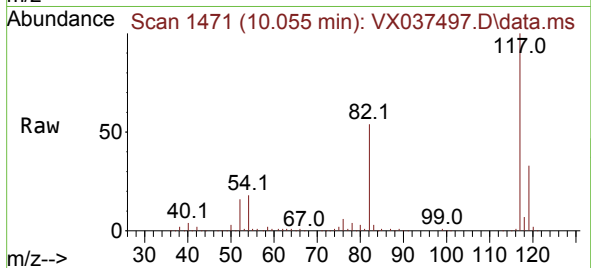
Tgt Ion:117 Resp: 219184

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 33.5 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: VX037497.D

Acq: 02 Sep 2023 20:50

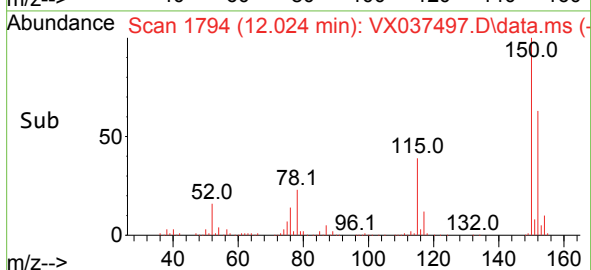
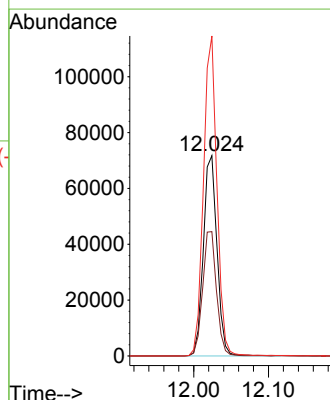
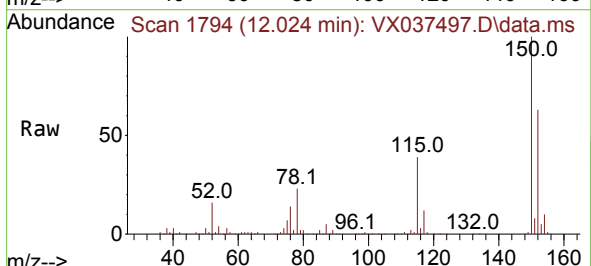
Tgt Ion:152 Resp: 91014

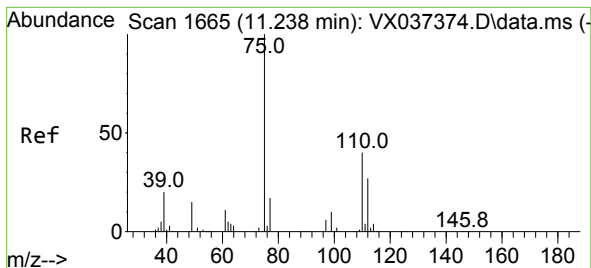
Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.490 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

Instrument :

MSVOA_X

ClientSampleId :

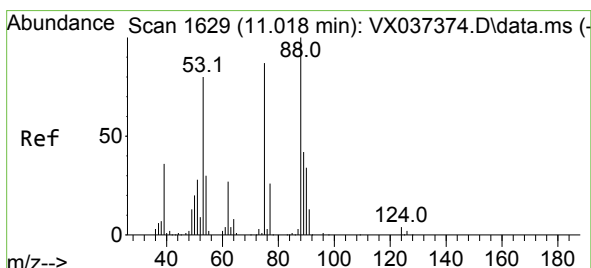
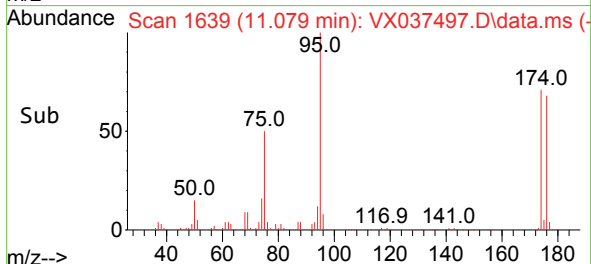
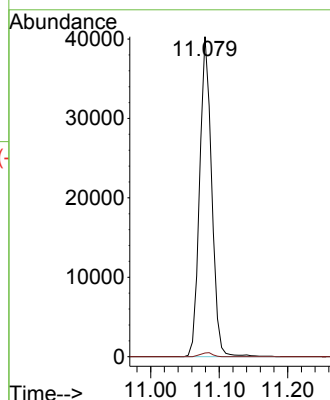
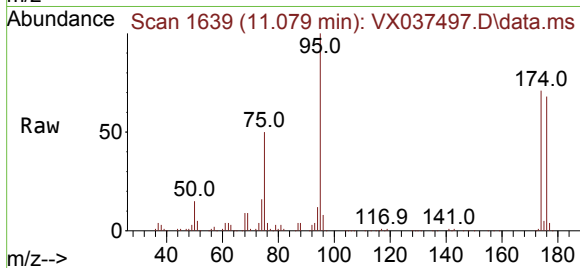
1815

Tgt Ion: 75 Resp: 49408

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037497.D

Acq: 02 Sep 2023 20:50

Tgt Ion: 75 Resp: 49408

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

