

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036841.D
 Acq On : 07 Aug 2023 16:52
 Operator : JC/MD
 Sample : 03917-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB03

Quant Time: Aug 08 01:38:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

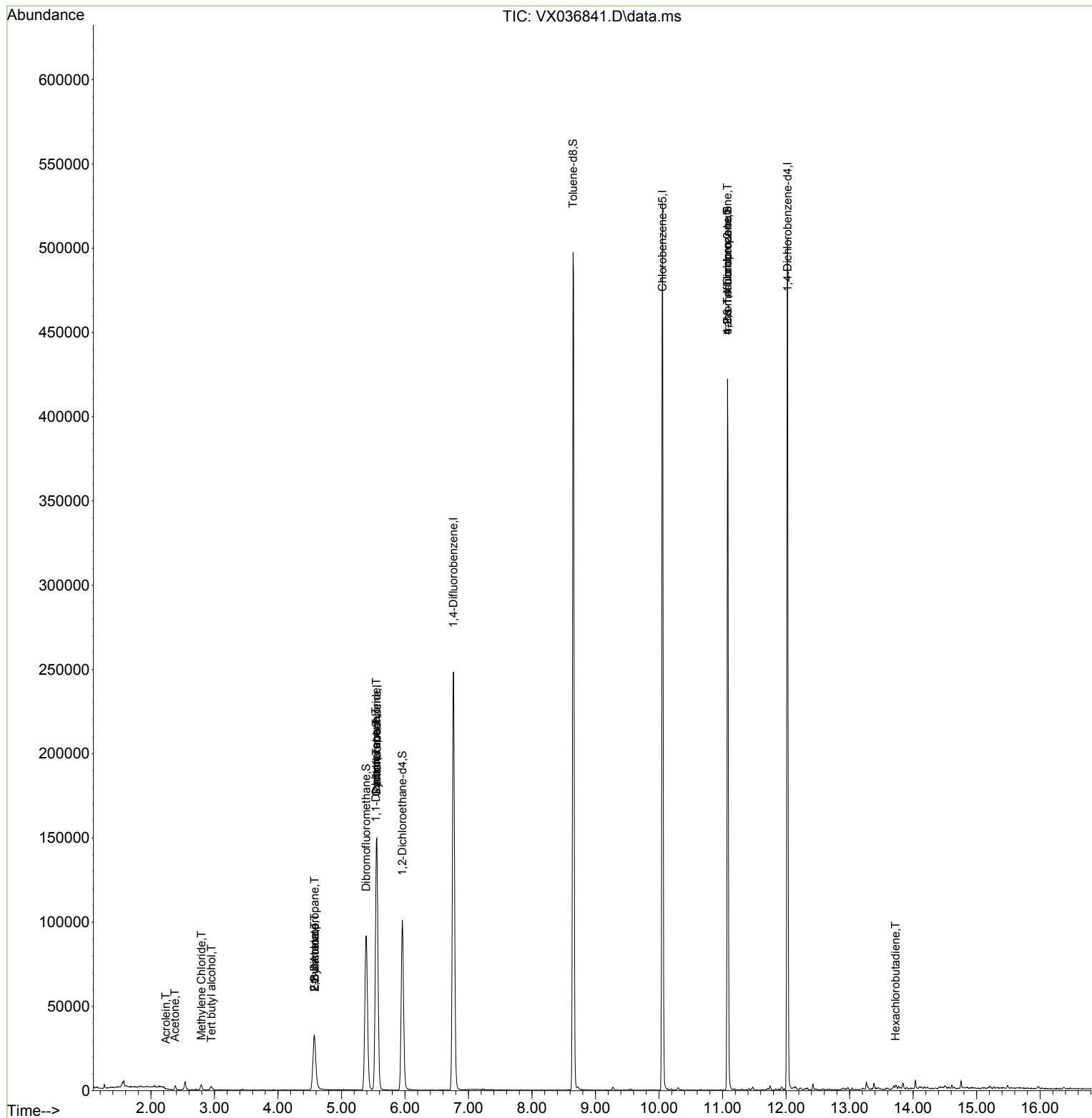
Internal Standards						
1) Pentafluorobenzene	5.556	168	139533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97300	47.128	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.260%		
35) Dibromofluoromethane	5.385	113	81001	46.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	8.647	98	302629	49.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	115210	49.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1811	3.705	ug/l #	83
13) Acrolein	2.233	56	110	0.394	ug/l #	46
16) Acetone	2.380	43	2615	3.052	ug/l	96
20) Methylene Chloride	2.794	84	1582	0.830	ug/l #	93
25) 2-Butanone	4.574	43	2381	1.713	ug/l #	82
26) 2,2-Dichloropropane	4.574	77	2511	0.814	ug/l #	54
31) Cyclohexane	5.550	56	3111	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11628	4.489	ug/l #	50
37) Ethyl Acetate	4.574	43	2381	0.812	ug/l #	2
38) Carbon Tetrachloride	5.550	117	14531	5.277	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	59467	24.191	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59467	54.831	ug/l #	5
94) Hexachlorobutadiene	13.725	225	197	0.220	ug/l	92

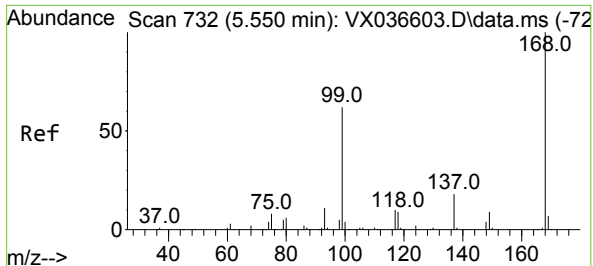
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
Data File : VX036841.D
Acq On : 07 Aug 2023 16:52
Operator : JC/MD
Sample : 03917-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB03

Quant Time: Aug 08 01:38:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

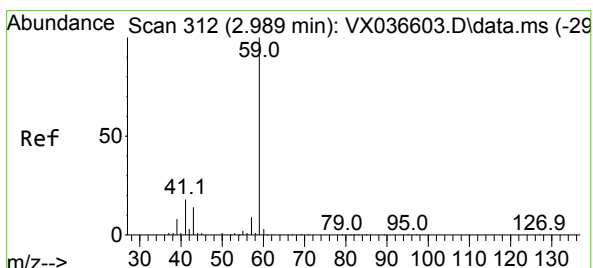
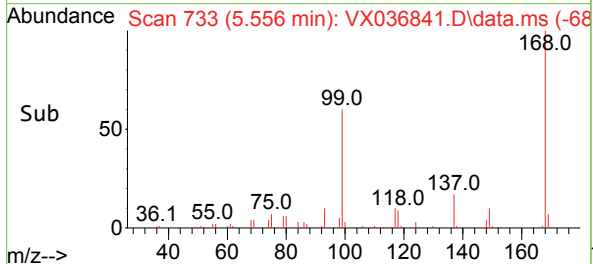
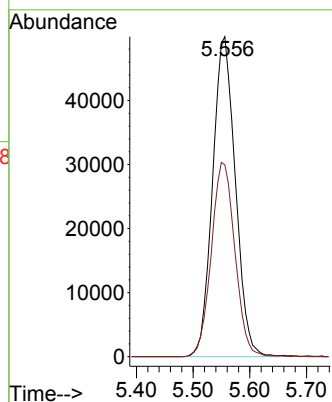
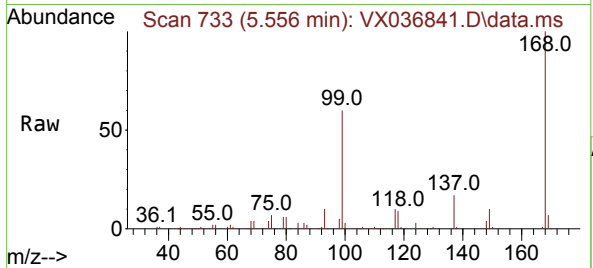




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

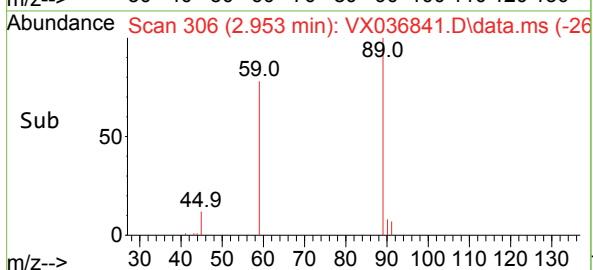
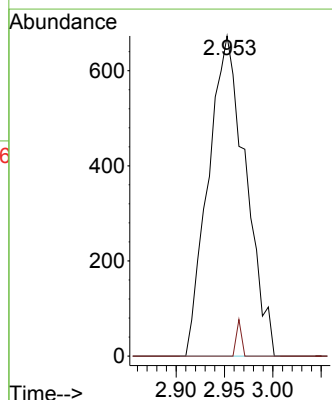
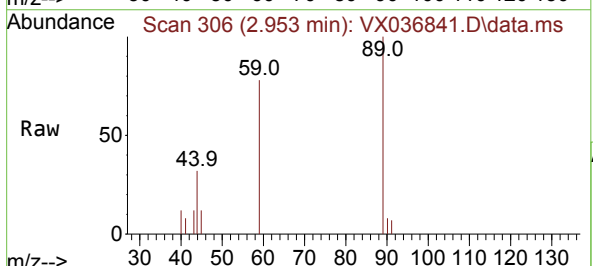
Instrument :
MSVOA_X
ClientSampleId :
FB03

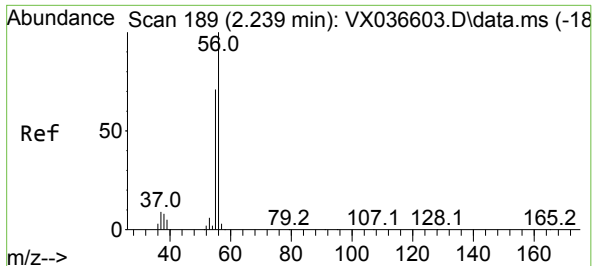
Tgt Ion:168 Resp: 139533
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.705 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

Tgt Ion: 59 Resp: 1811
Ion Ratio Lower Upper
59 100
57 1.5 6.0 9.0#





#13

Acrolein

Concen: 0.394 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

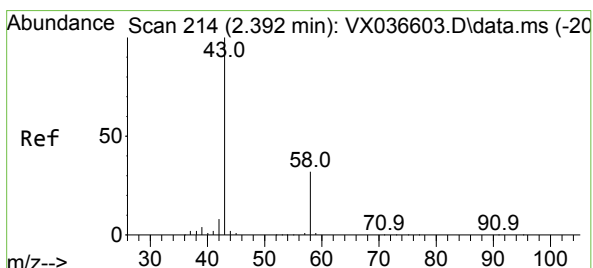
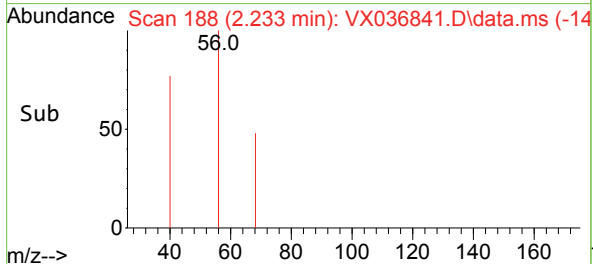
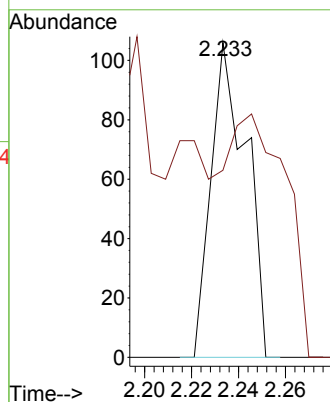
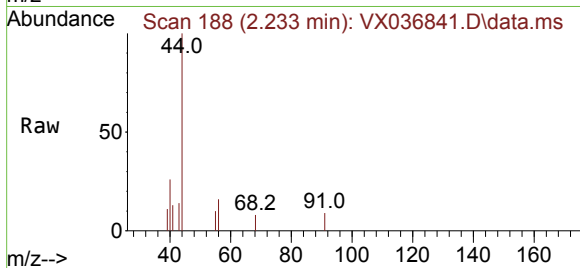
FB03

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 116.4 57.1 85.7#



#16

Acetone

Concen: 3.052 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX036841.D

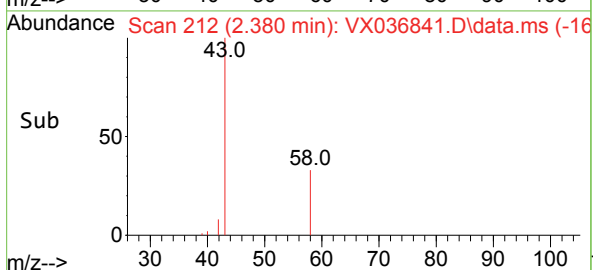
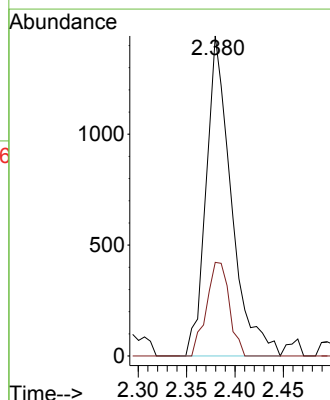
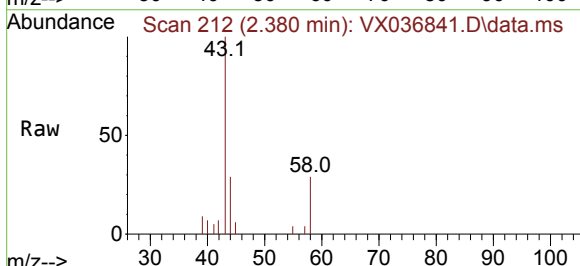
Acq: 07 Aug 2023 16:52

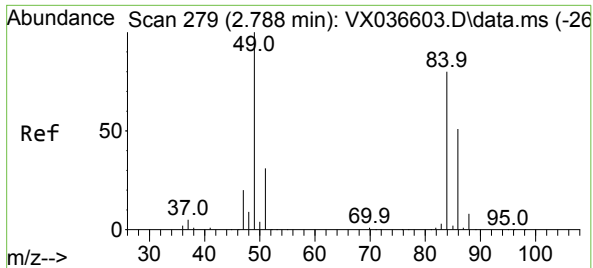
Tgt Ion: 43 Resp: 2615

Ion Ratio Lower Upper

43 100

58 29.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.830 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

FB03

Tgt Ion: 84 Resp: 1582

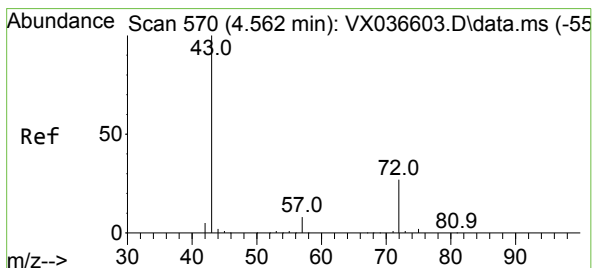
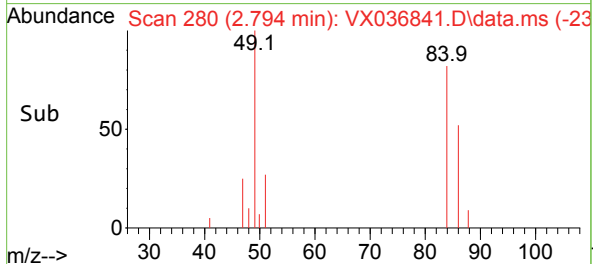
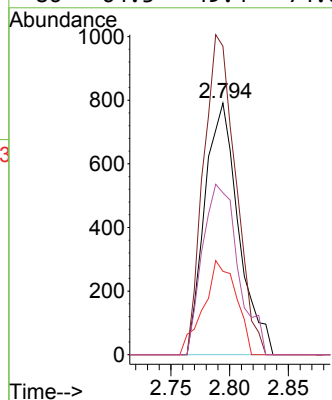
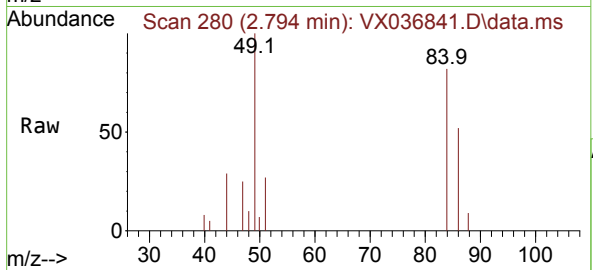
Ion Ratio Lower Upper

84 100

49 122.6 103.6 155.4

51 33.1 33.8 50.6#

86 64.3 49.4 74.0



#25

2-Butanone

Concen: 1.713 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX036841.D

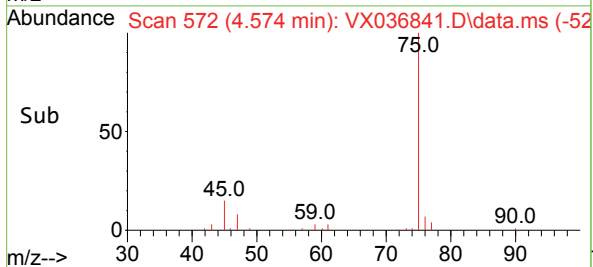
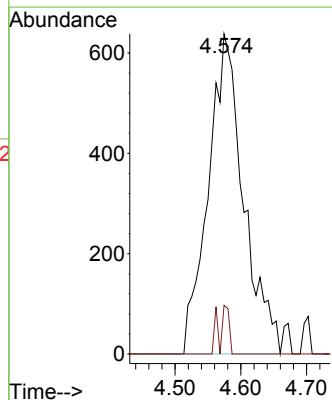
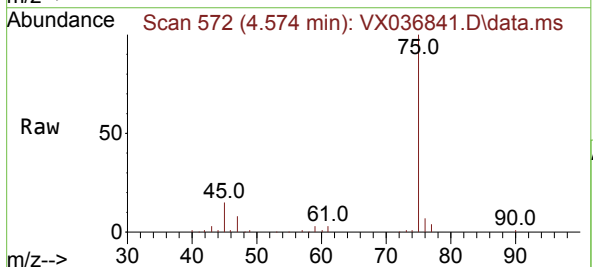
Acq: 07 Aug 2023 16:52

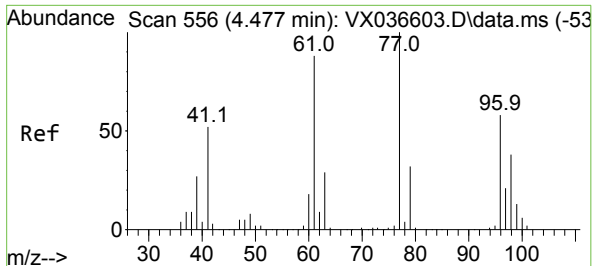
Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

72 15.2 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.814 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

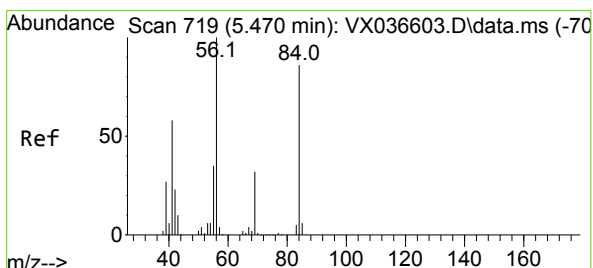
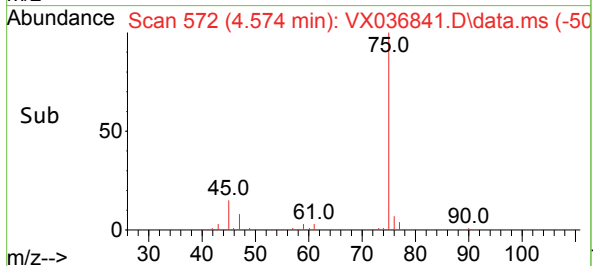
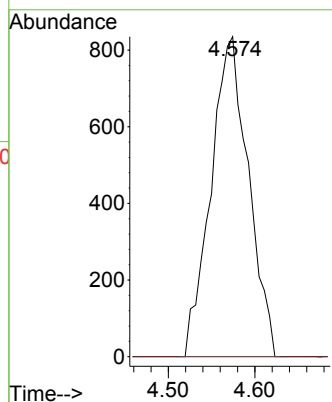
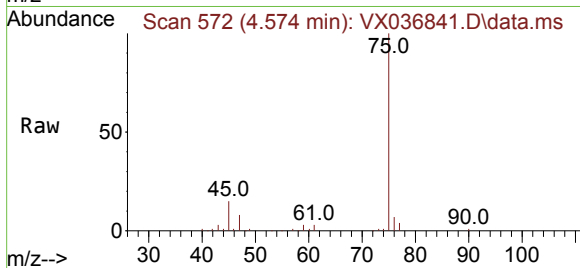
FB03

Tgt Ion: 77 Resp: 2511

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

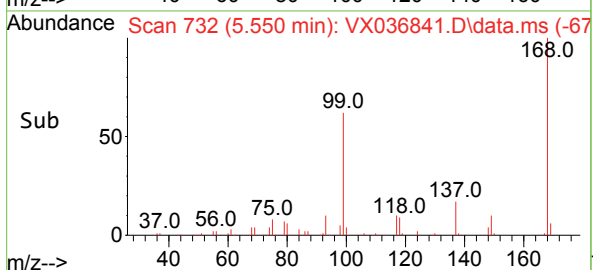
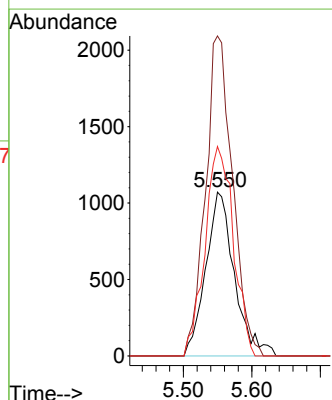
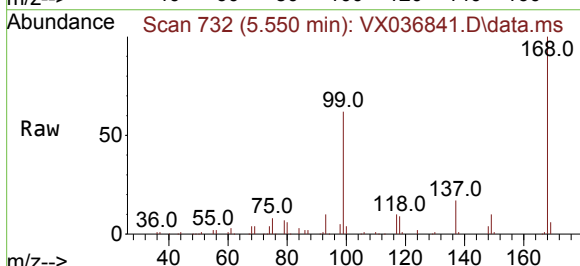
Tgt Ion: 56 Resp: 3111

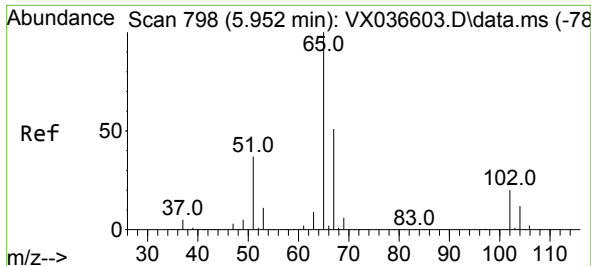
Ion Ratio Lower Upper

56 100

69 195.2 23.4 35.2#

84 127.8 65.9 98.9#

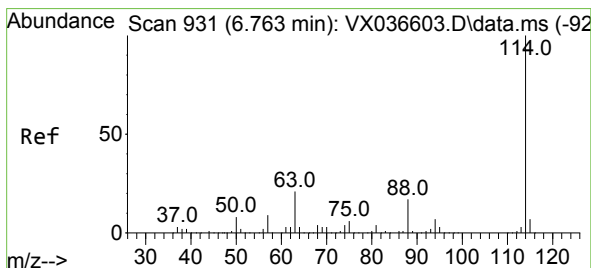
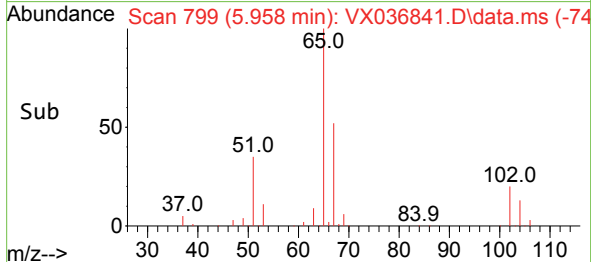
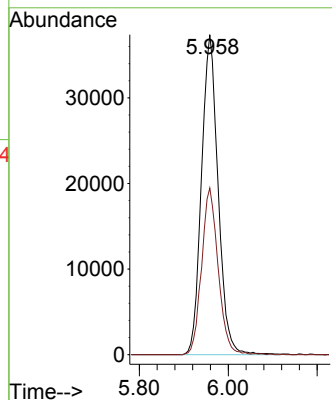
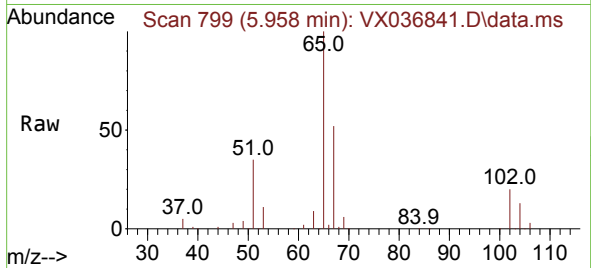




#33
 1,2-Dichloroethane-d4
 Concen: 47.128 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036841.D
 Acq: 07 Aug 2023 16:52

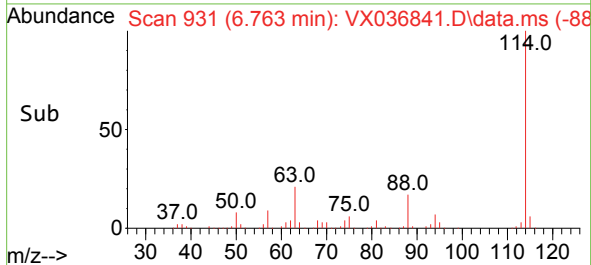
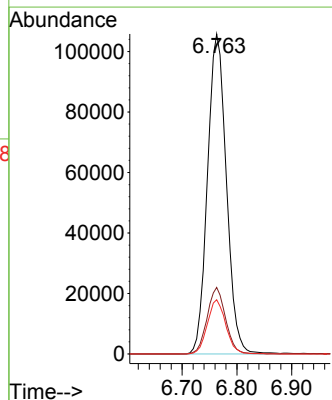
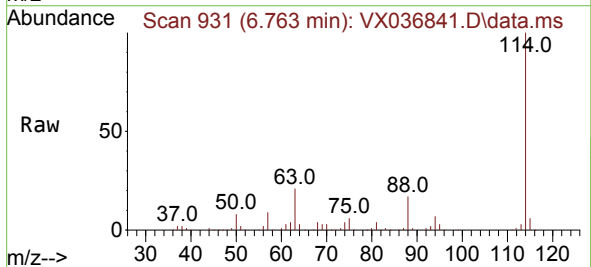
Instrument :
 MSVOA_X
 ClientSampleId :
 FB03

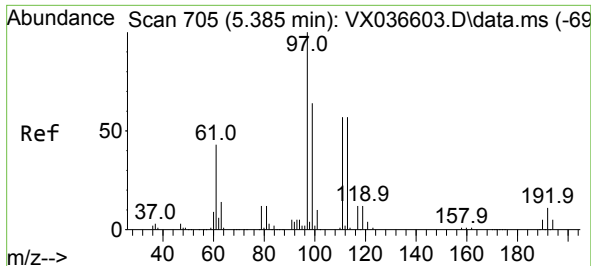
Tgt Ion: 65 Resp: 97300
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036841.D
 Acq: 07 Aug 2023 16:52

Tgt Ion: 114 Resp: 252842
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 16.9 0.0 36.6

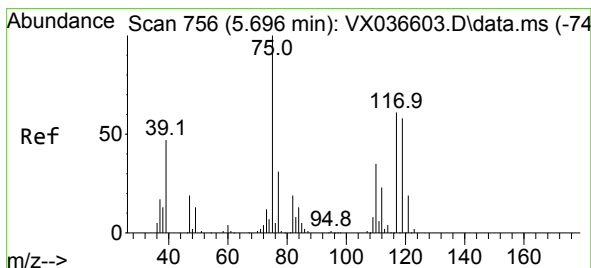
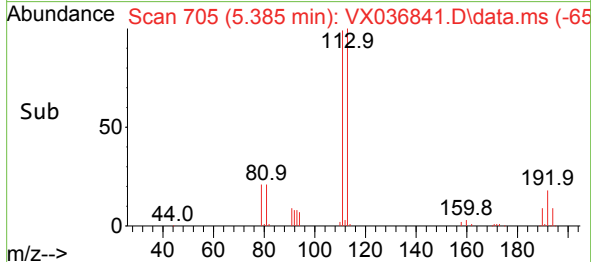
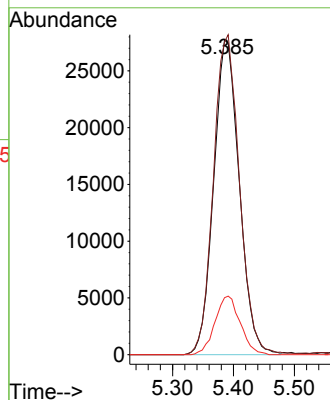
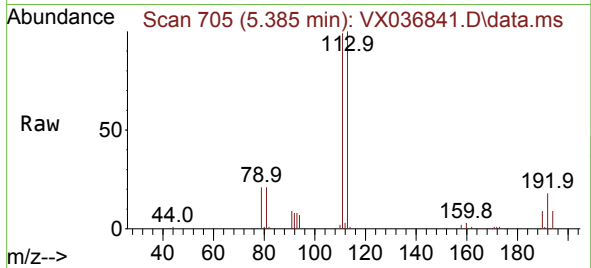




#35
Dibromofluoromethane
Concen: 46.609 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

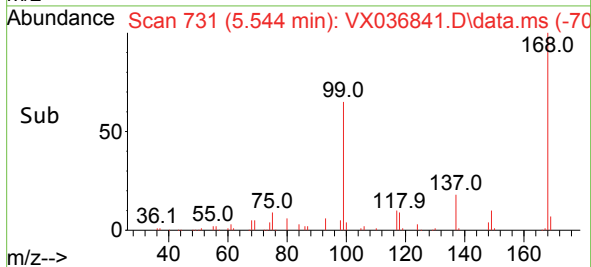
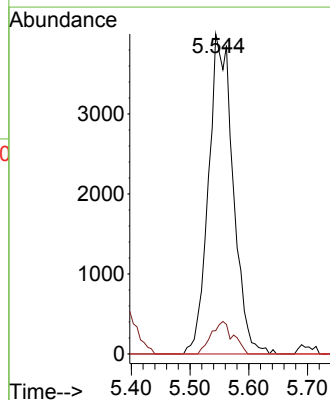
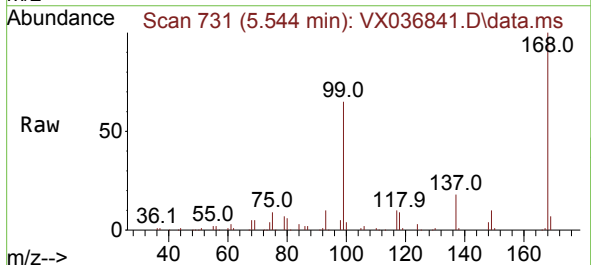
Instrument :
MSVOA_X
ClientSampleId :
FB03

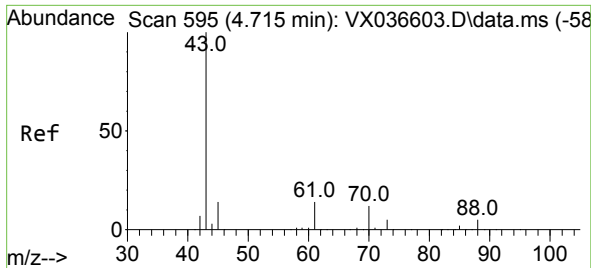
Tgt Ion:113 Resp: 81001
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

Tgt Ion: 75 Resp: 11628
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.812 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

FB03

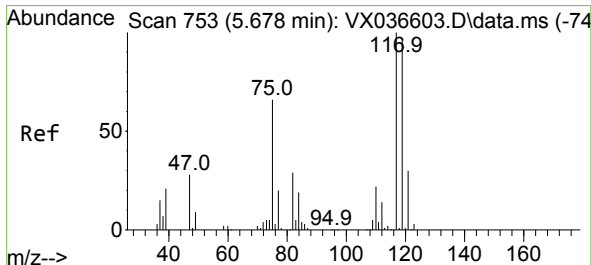
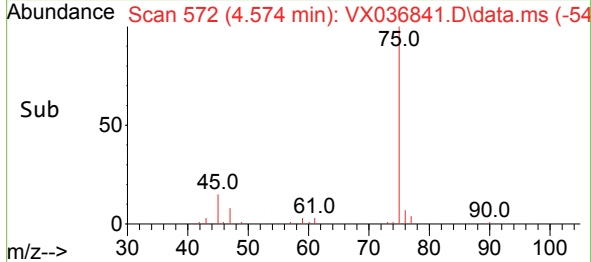
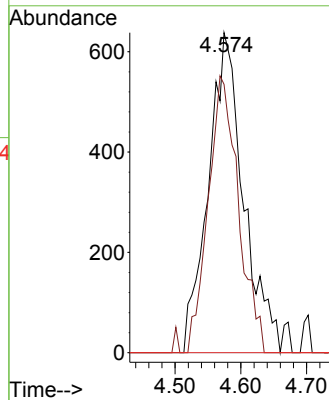
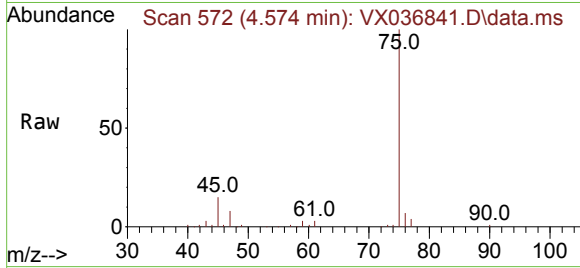
Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

61 74.2 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.277 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

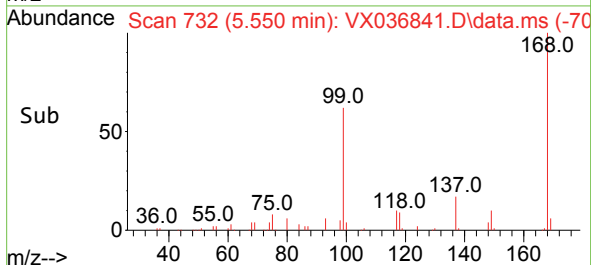
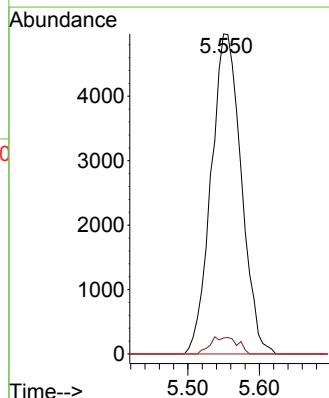
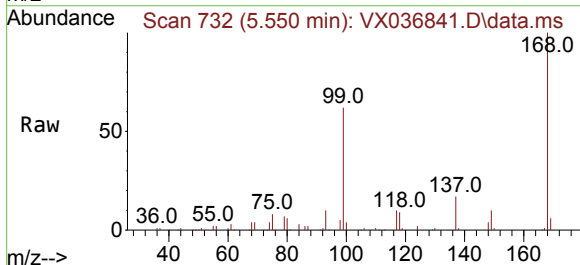
Tgt Ion: 117 Resp: 14531

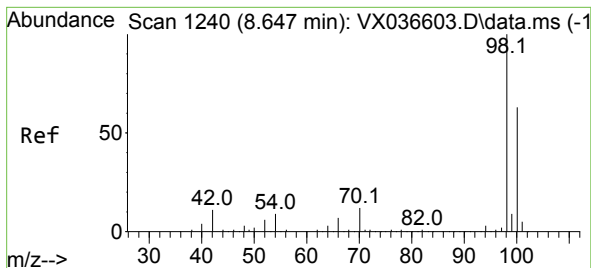
Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.104 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

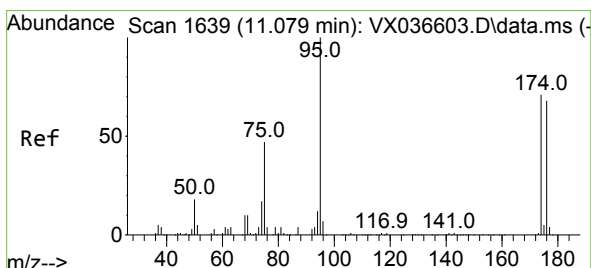
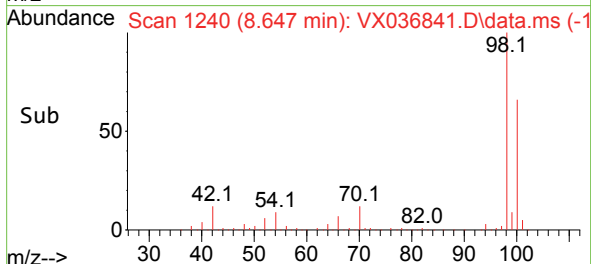
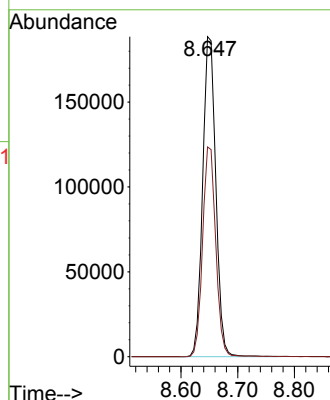
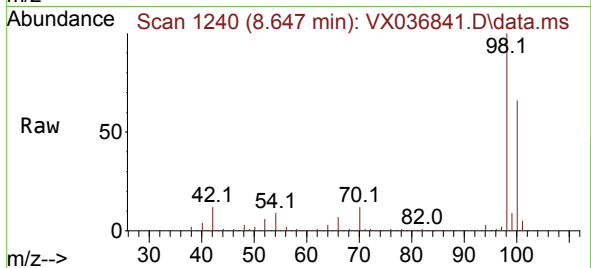
FB03

Tgt Ion: 98 Resp: 302629

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036841.D

Acq: 07 Aug 2023 16:52

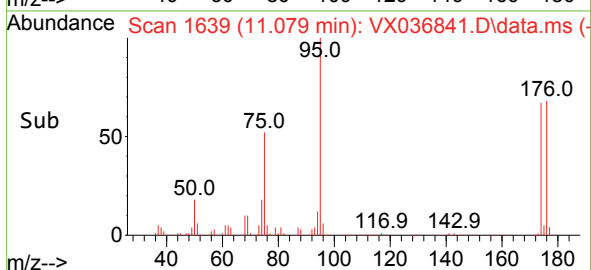
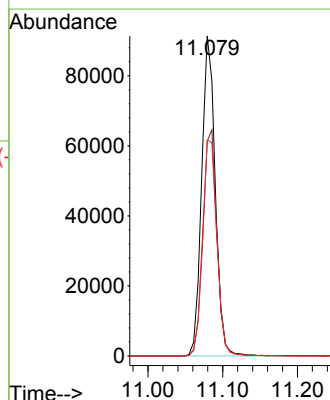
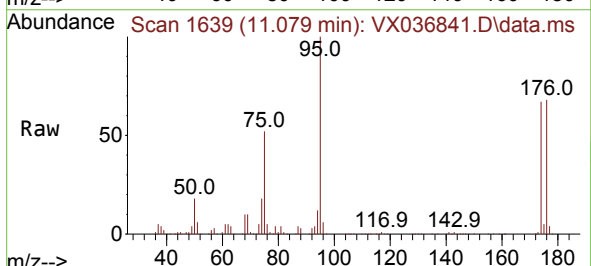
Tgt Ion: 95 Resp: 115210

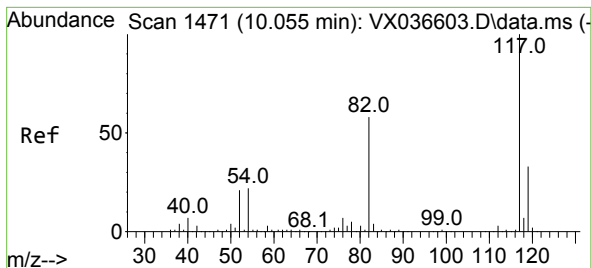
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

176 70.8 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: VX036841.D

Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

FB03

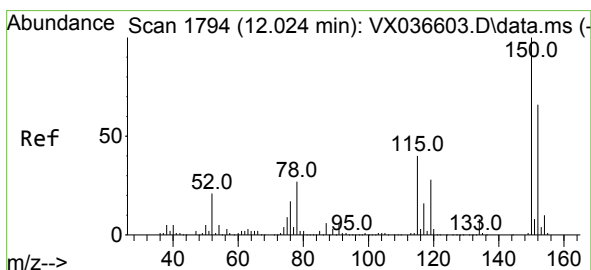
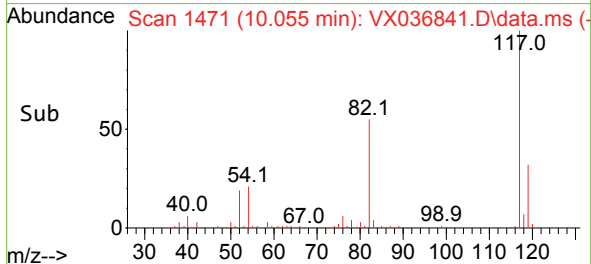
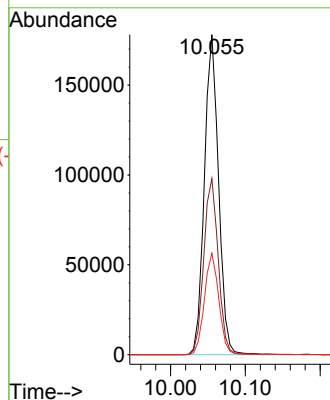
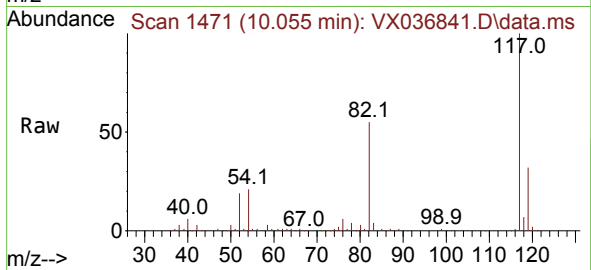
Tgt Ion:117 Resp: 234920

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.7 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: VX036841.D

Acq: 07 Aug 2023 16:52

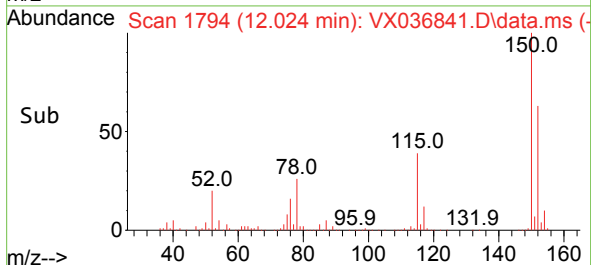
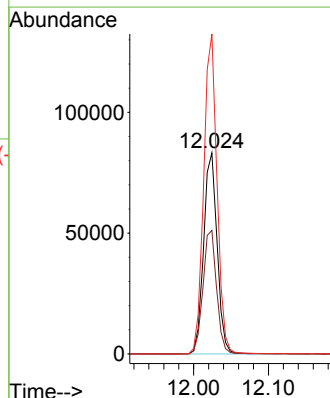
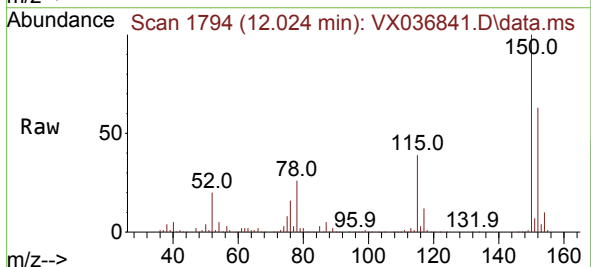
Tgt Ion:152 Resp: 104510

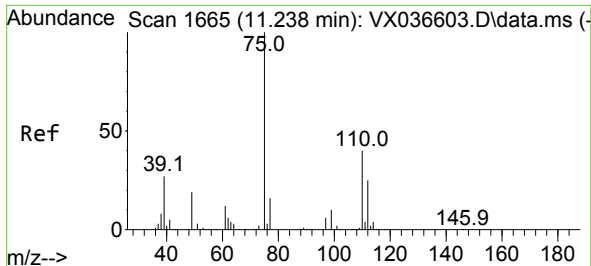
Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 156.7 0.0 345.0

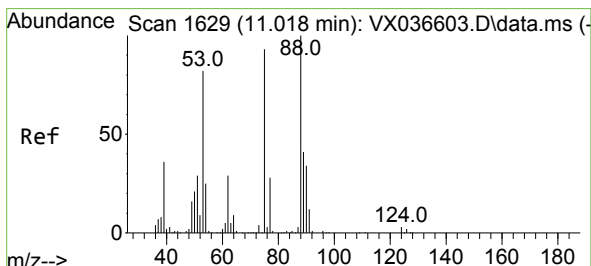
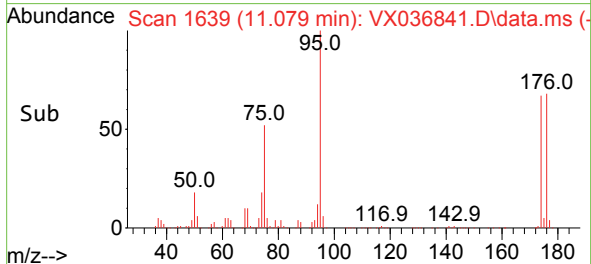
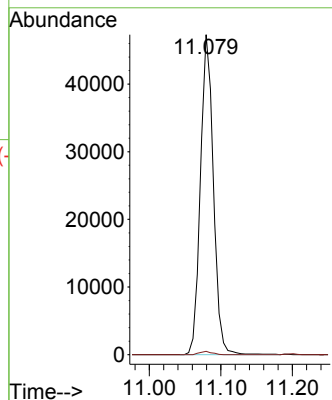
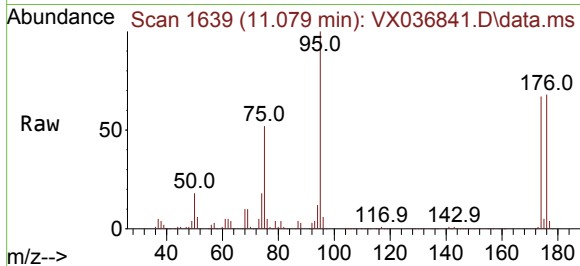




#76
1,2,3-Trichloropropane
Concen: 24.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

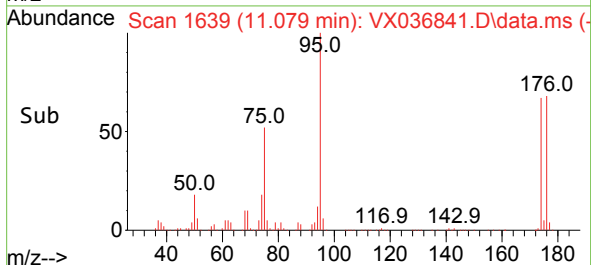
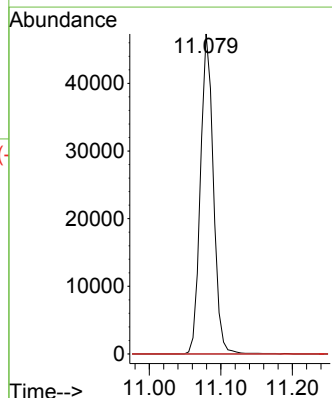
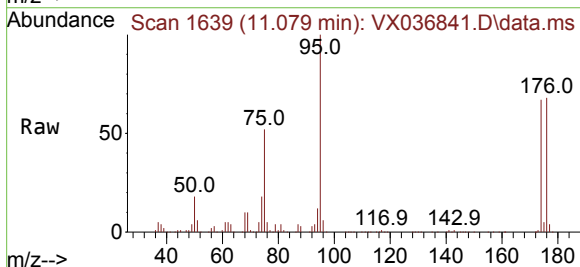
Instrument :
MSVOA_X
ClientSampleId :
FB03

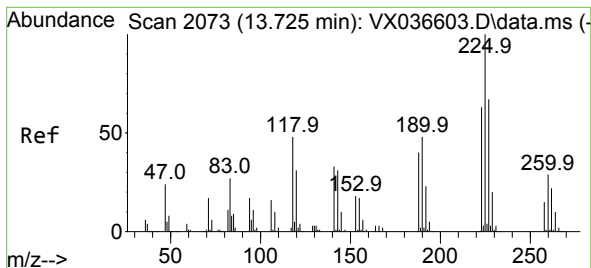
Tgt Ion: 75 Resp: 59467
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036841.D
Acq: 07 Aug 2023 16:52

Tgt Ion: 75 Resp: 59467
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.220 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036841.D

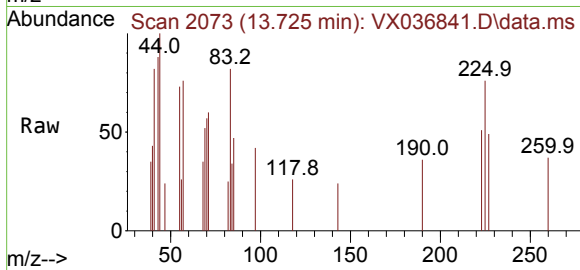
Acq: 07 Aug 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

FB03



Tgt Ion:225 Resp: 197

Ion Ratio Lower Upper

225 100

223 56.3 31.1 93.2

227 72.1 32.5 97.5

