

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031981.D
 Acq On : 08 Oct 2022 00:23
 Operator : JC/MD
 Sample : N5061-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-100722

Quant Time: Oct 08 06:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

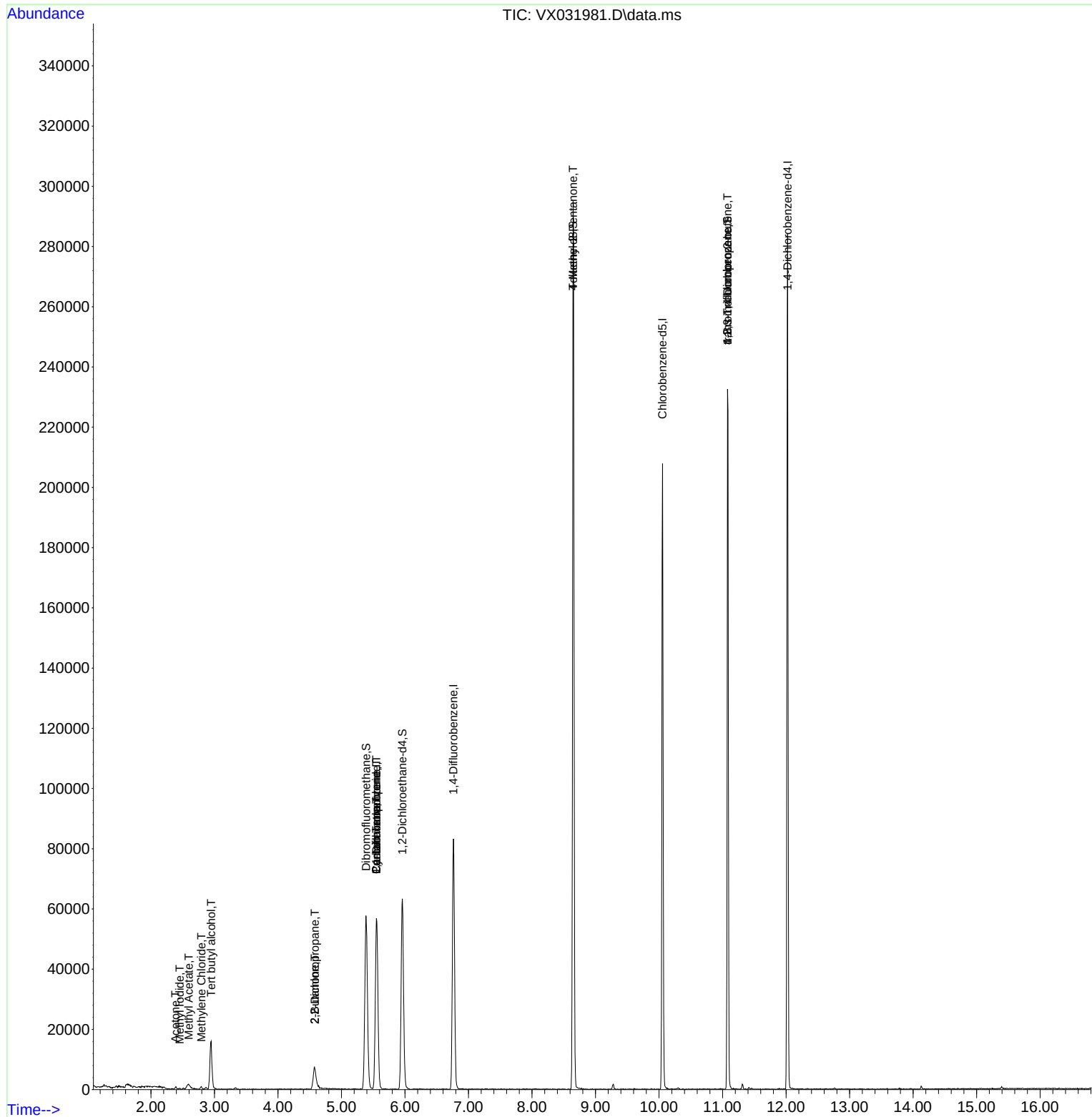
Internal Standards						
1) Pentafluorobenzene	5.550	168	54764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60151	53.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	5.385	113	48729	49.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.880%			
50) Toluene-d8	8.647	98	176066	49.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	11.079	95	60737	48.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.880%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	195	Below Cal		88
10) Methyl Iodide	2.453	142	247	3.008 ug/l #		72
11) Tert butyl alcohol	2.947	59	9272	65.892 ug/l #		74
16) Acetone	2.386	43	876	2.279 ug/l #		77
18) Methyl Acetate	2.593	43	1339	1.056 ug/l #		52
20) Methylene Chloride	2.794	84	427	0.423 ug/l #		66
25) 2-Butanone	4.580	43	424	0.706 ug/l #		49
26) 2,2-Dichloropropane	4.580	77	593	0.516 ug/l #		54
31) Cyclohexane	5.550	56	1115	0.825 ug/l #		11
36) 1,1-Dichloropropene	5.550	75	4452	3.406 ug/l #		49
38) Carbon Tetrachloride	5.550	117	5907	4.420 ug/l #		15
51) 4-Methyl-2-Pentanone	8.647	43	715	0.578 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	31812	26.718 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	31812	91.590 ug/l #		11

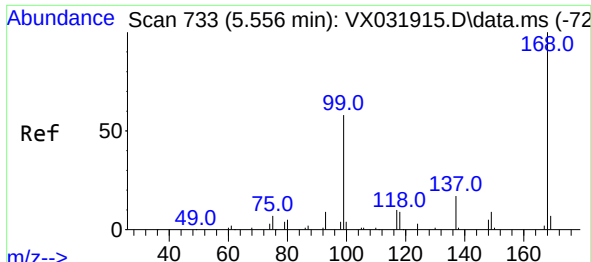
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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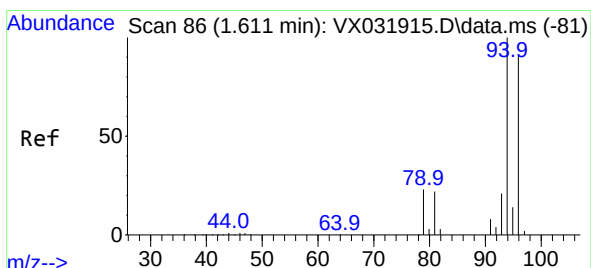
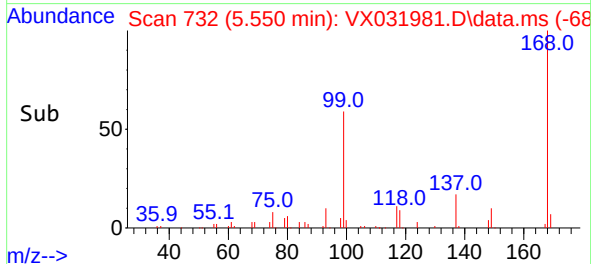
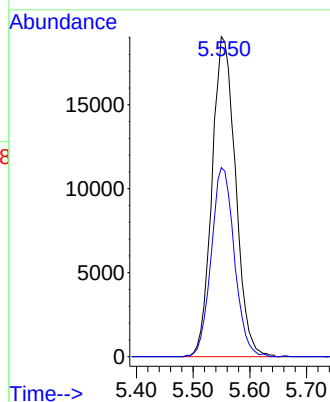
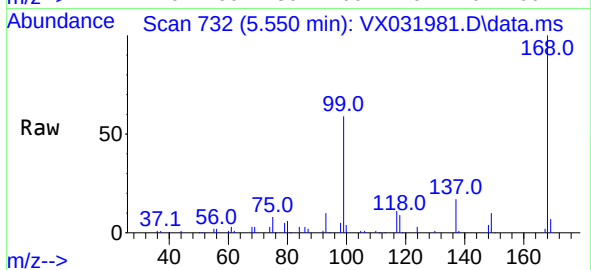




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

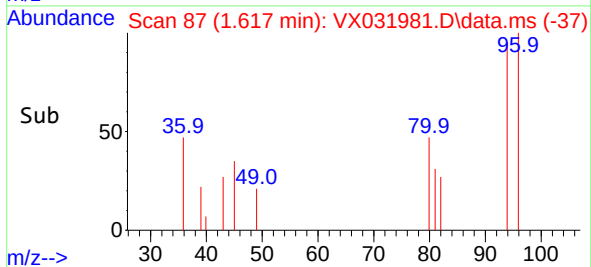
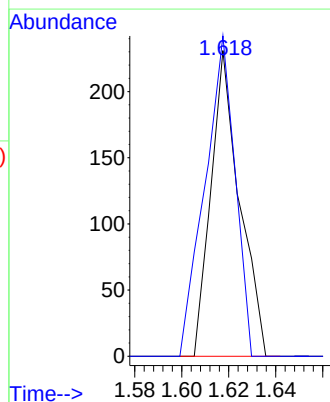
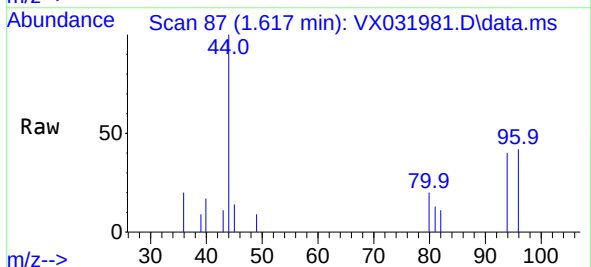
Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

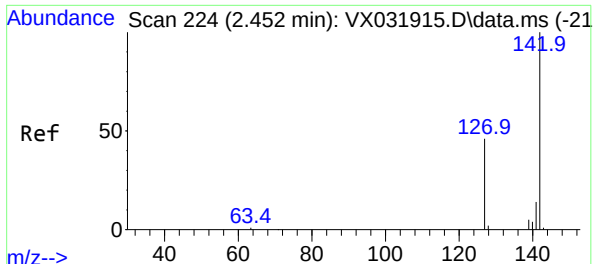
Tgt Ion:168 Resp: 54764
Ion Ratio Lower Upper
168 100
99 59.1 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

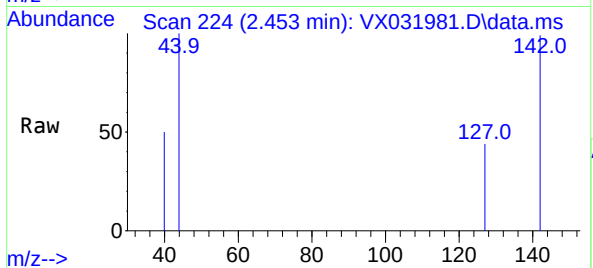
Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 104.8 74.4 111.6



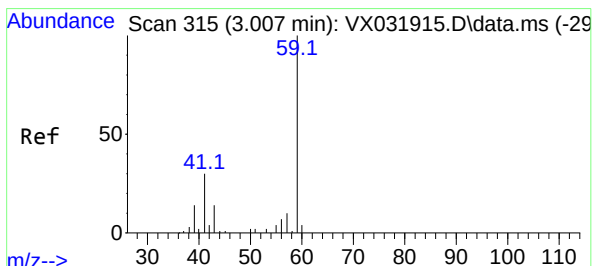
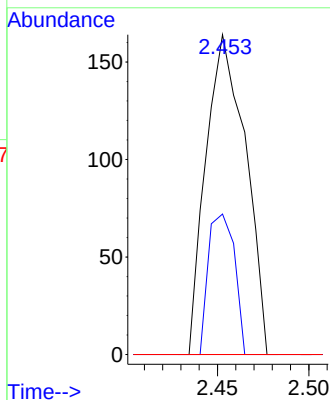
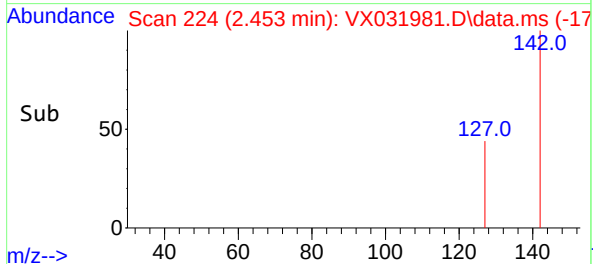


#10
Methyl Iodide
Concen: 3.008 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

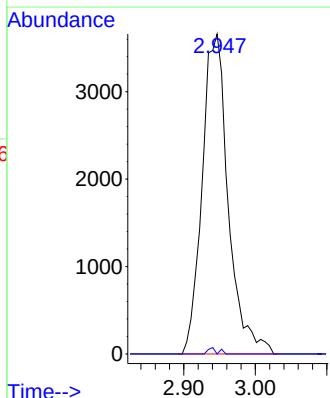
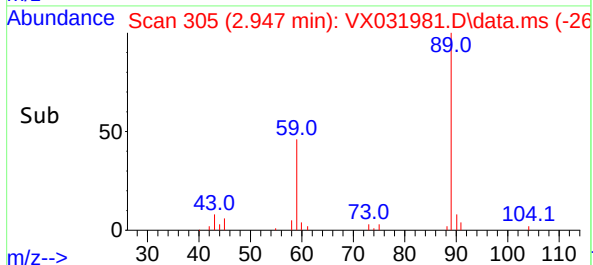
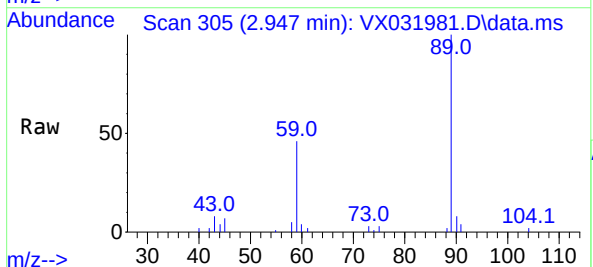


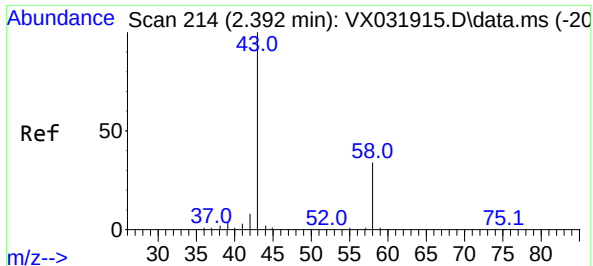
Tgt Ion:142 Resp: 247
Ion Ratio Lower Upper
142 100
127 29.1 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 65.892 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion: 59 Resp: 9272
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.2#

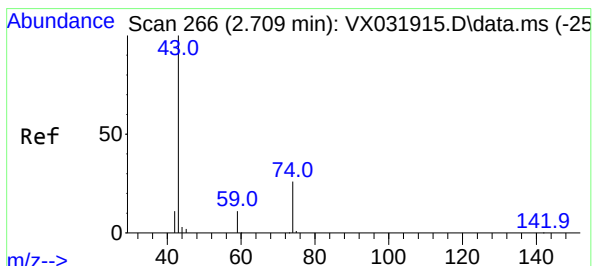
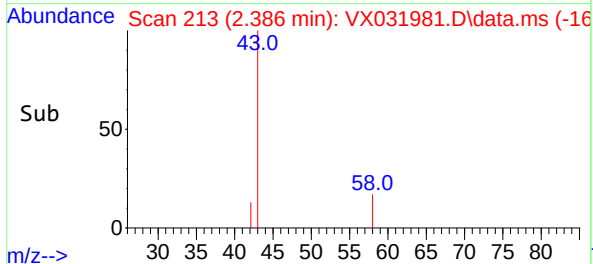
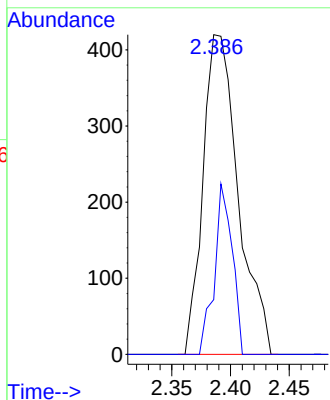
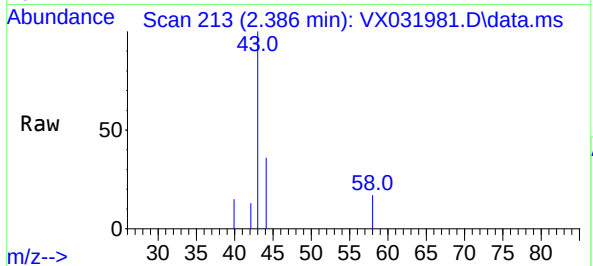




#16
Acetone
Concen: 2.279 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

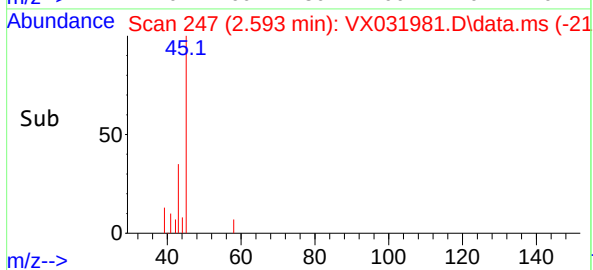
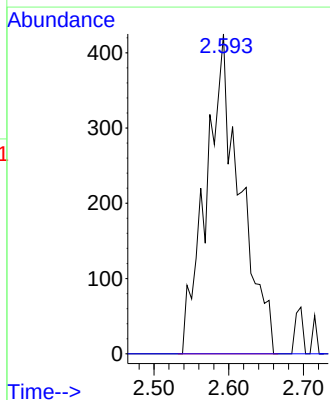
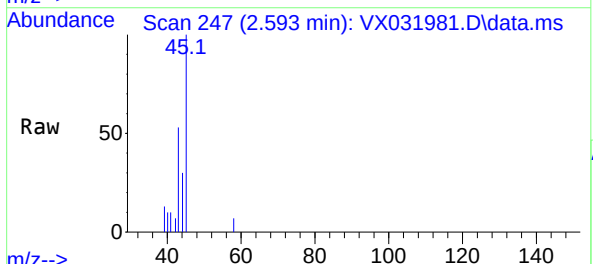
Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

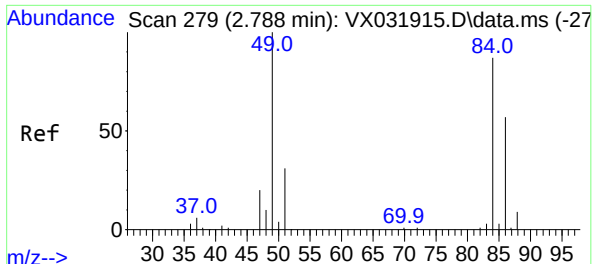
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 17.1 23.8 35.8#



#18
Methyl Acetate
Concen: 1.056 ug/l
RT: 2.593 min Scan# 247
Delta R.T. -0.116 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





#20

Methylene Chloride

Concen: 0.423 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

FB-01-100722

Tgt Ion: 84 Resp: 427

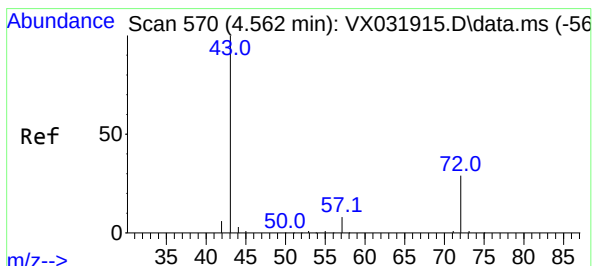
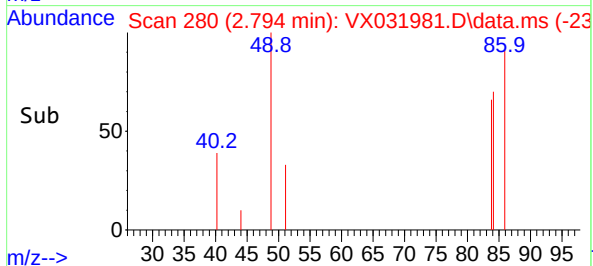
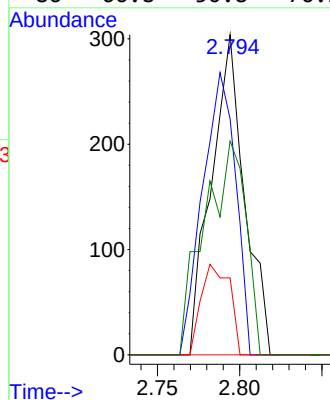
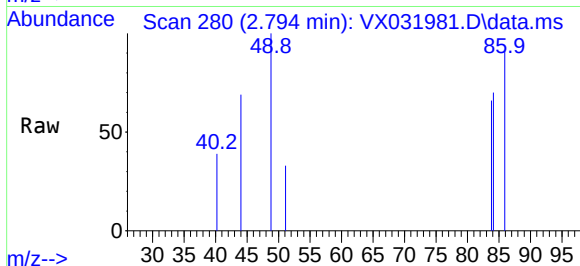
Ion Ratio Lower Upper

84 100

49 73.7 105.9 158.9#

51 24.0 32.2 48.2#

86 66.8 50.8 76.2



#25

2-Butanone

Concen: 0.706 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX031981.D

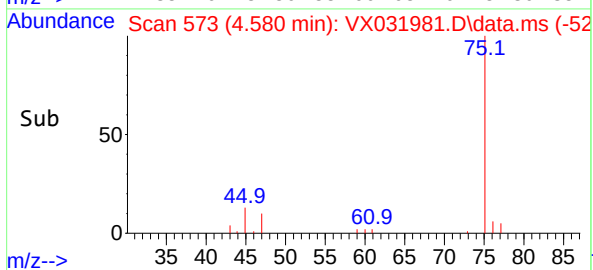
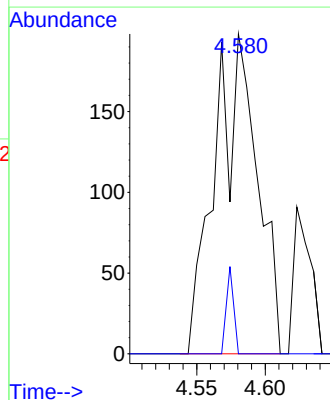
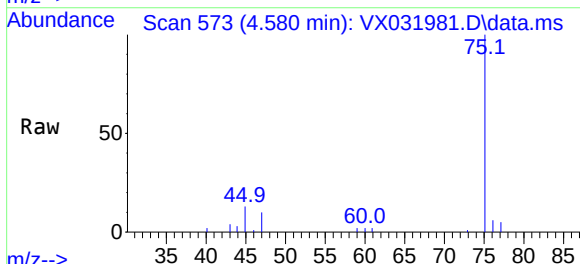
Acq: 08 Oct 2022 00:23

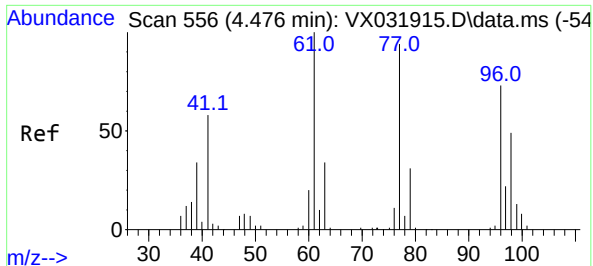
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#





#26

2,2-Dichloropropane

Concen: 0.516 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.104 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

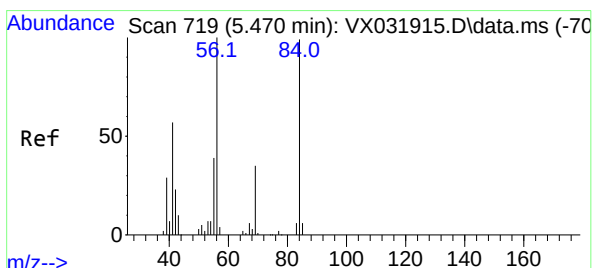
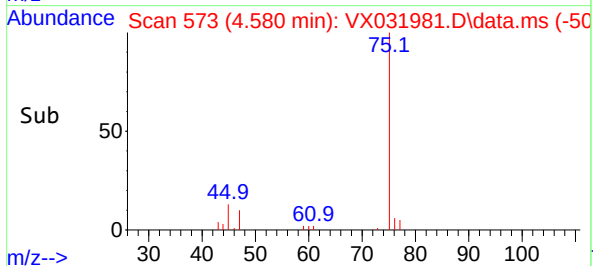
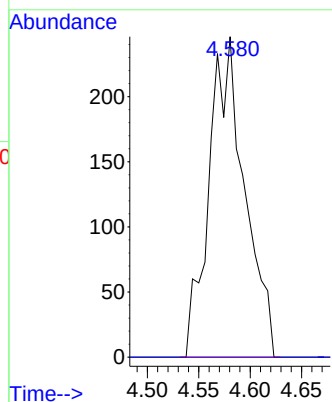
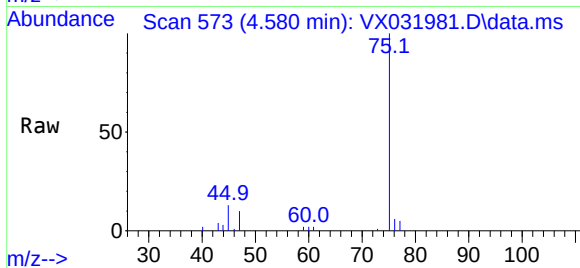
FB-01-100722

Tgt Ion: 77 Resp: 593

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#



#31

Cyclohexane

Concen: 0.825 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

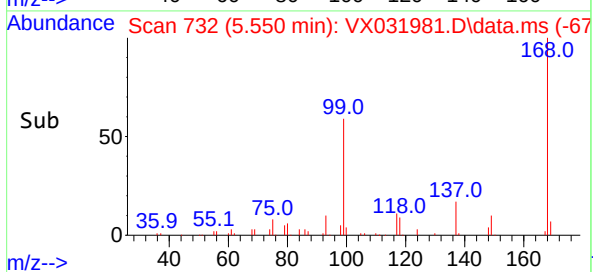
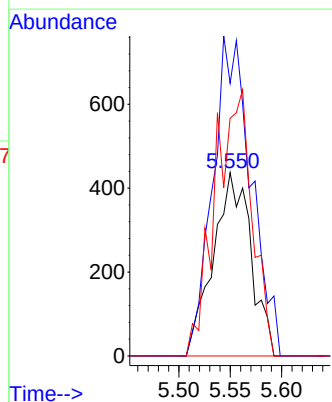
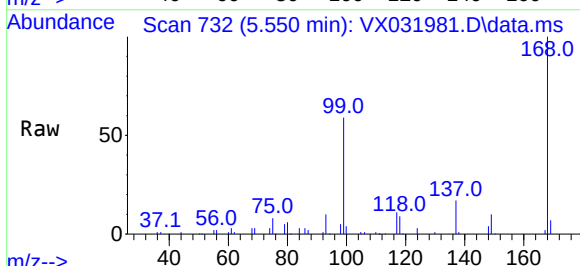
Tgt Ion: 56 Resp: 1115

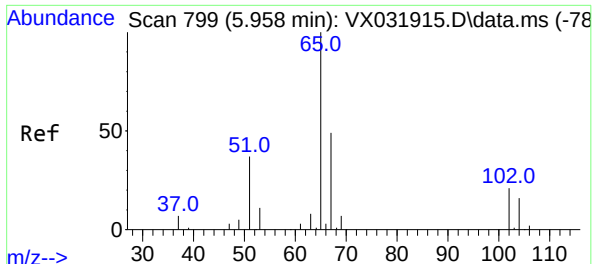
Ion Ratio Lower Upper

56 100

69 148.7 25.1 37.7#

84 129.7 70.2 105.4#

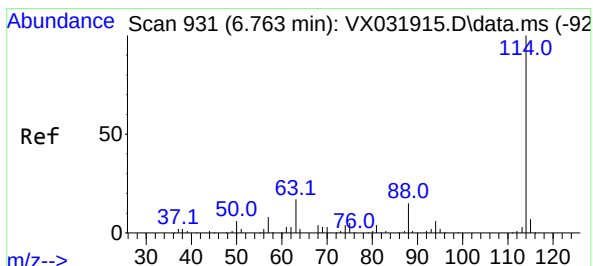
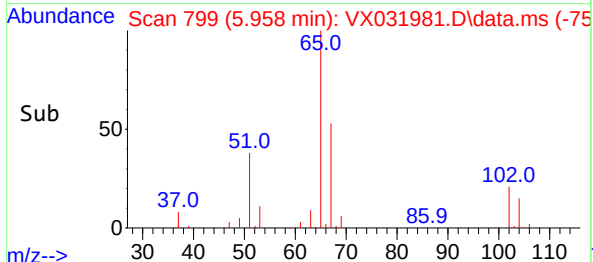
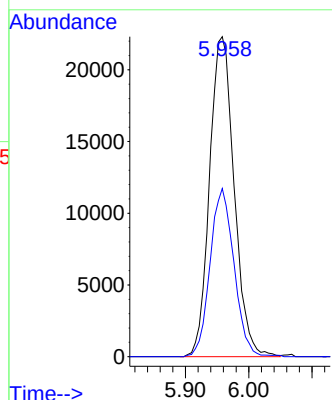
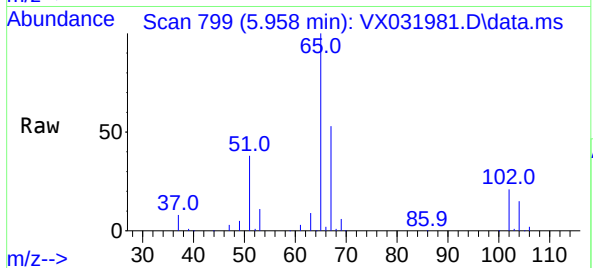




#33
1,2-Dichloroethane-d4
Concen: 53.184 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

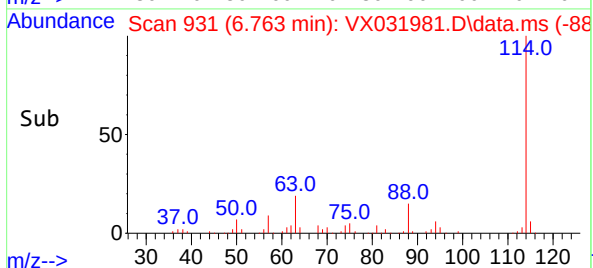
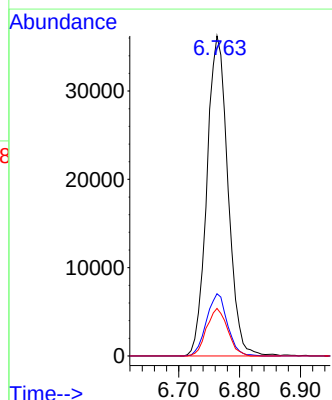
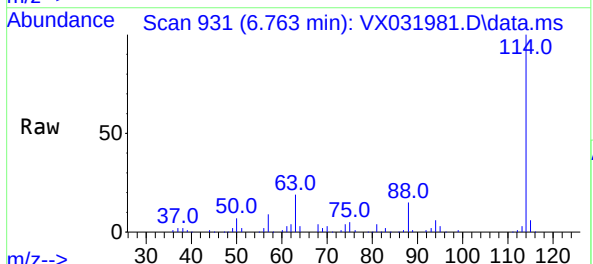
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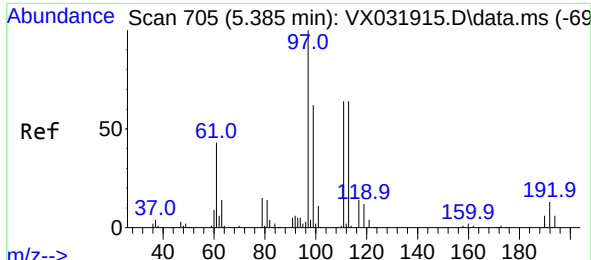
Tgt Ion: 65 Resp: 60151
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion: 114 Resp: 87079
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.437 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

FB-01-100722

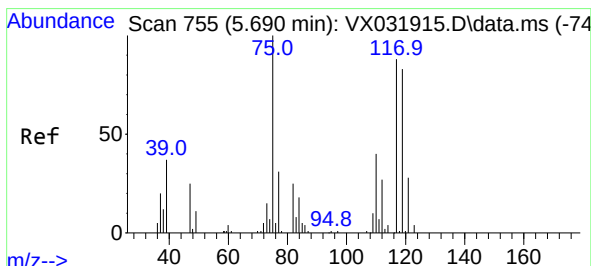
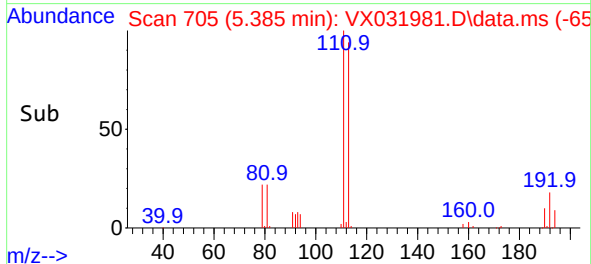
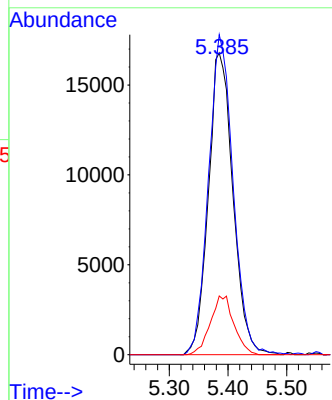
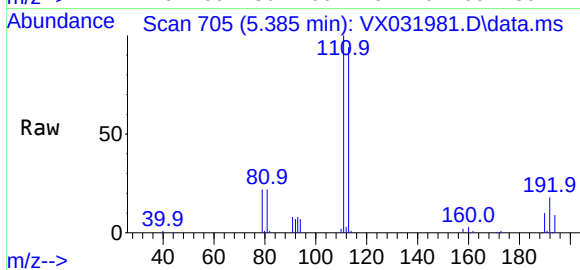
Tgt Ion:113 Resp: 48729

Ion Ratio Lower Upper

113 100

111 106.2 82.4 123.6

192 18.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.406 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

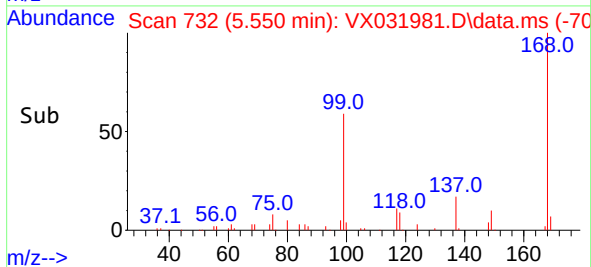
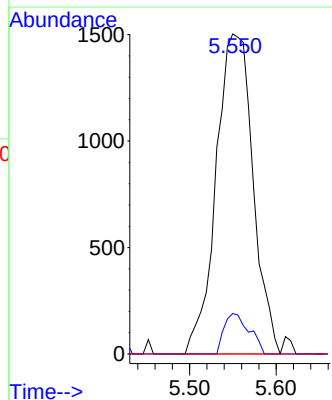
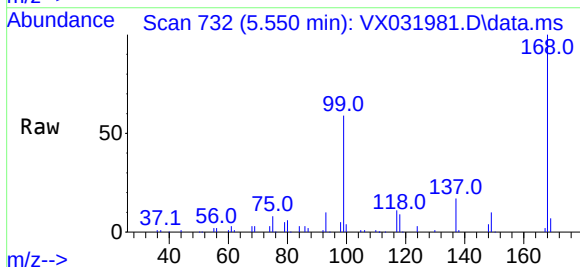
Tgt Ion: 75 Resp: 4452

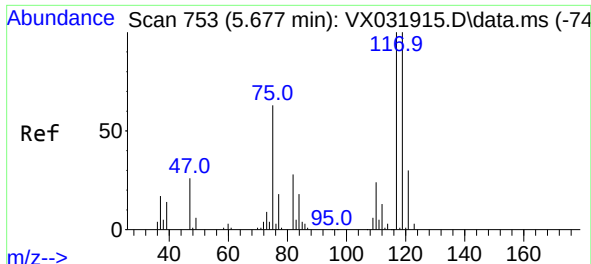
Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.5#

77 0.0 24.9 37.3#

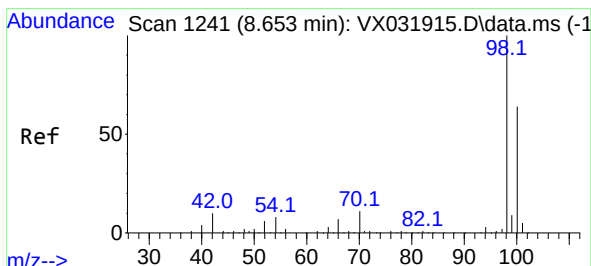
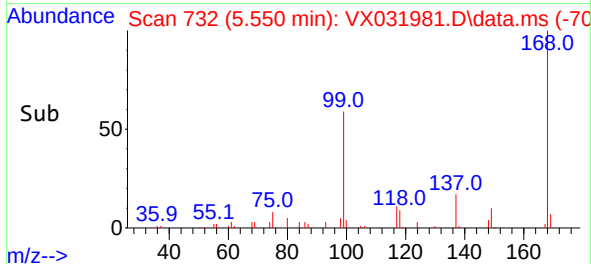
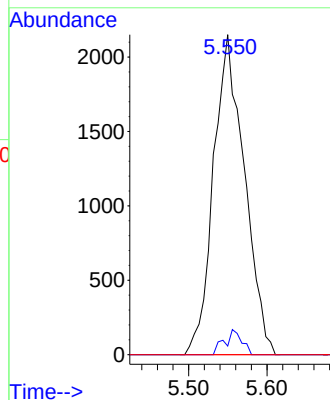
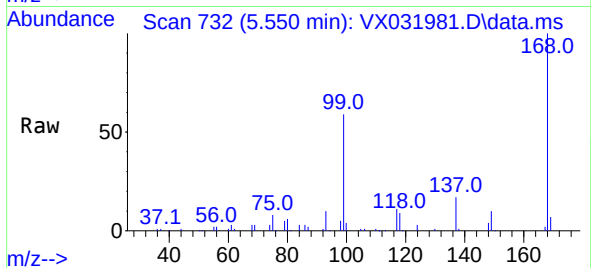




#38
Carbon Tetrachloride
Concen: 4.420 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

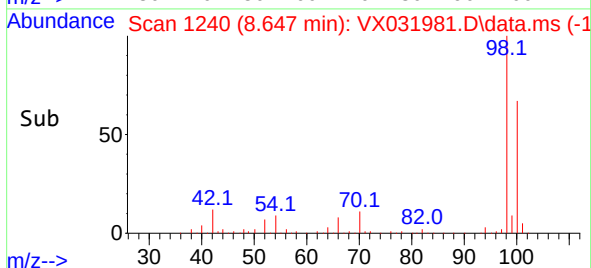
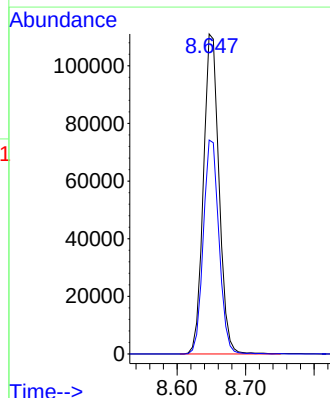
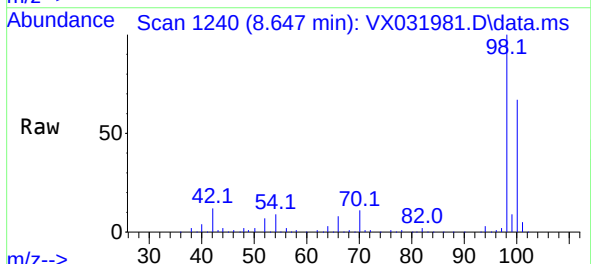
Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

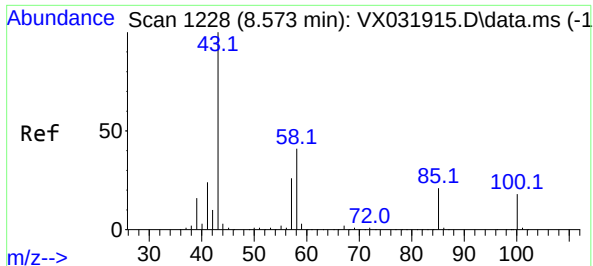
Tgt Ion:117 Resp: 5907
Ion Ratio Lower Upper
117 100
119 2.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion: 98 Resp: 176066
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.578 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

Instrument :

MSVOA_X

ClientSampleId :

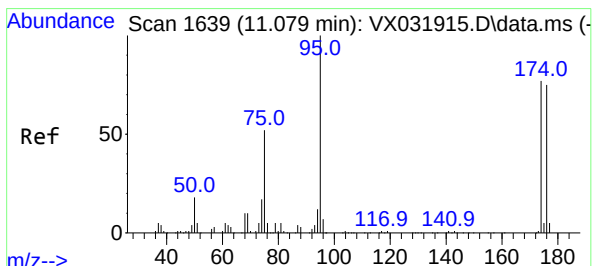
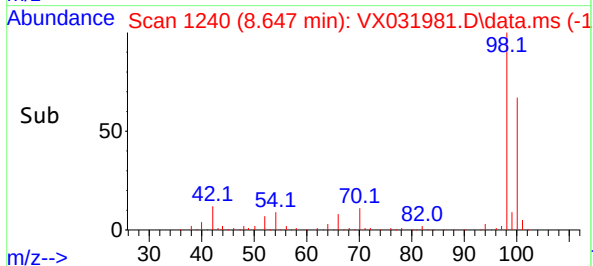
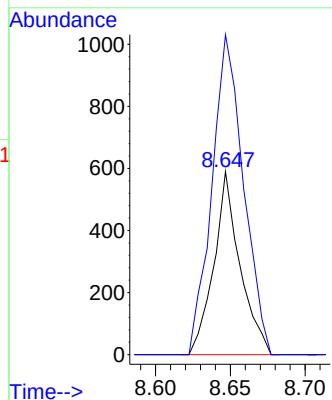
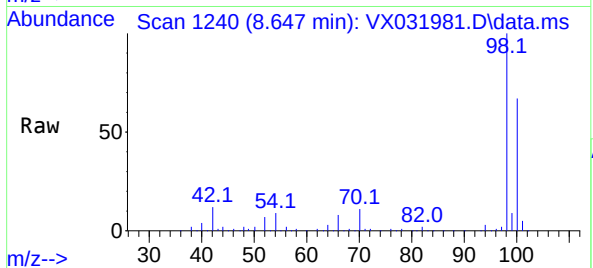
FB-01-100722

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

58 211.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031981.D

Acq: 08 Oct 2022 00:23

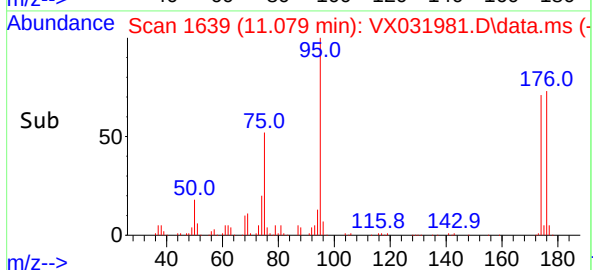
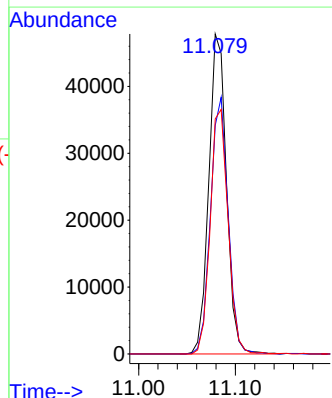
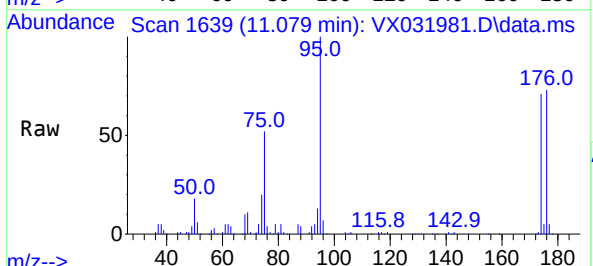
Tgt Ion: 95 Resp: 60737

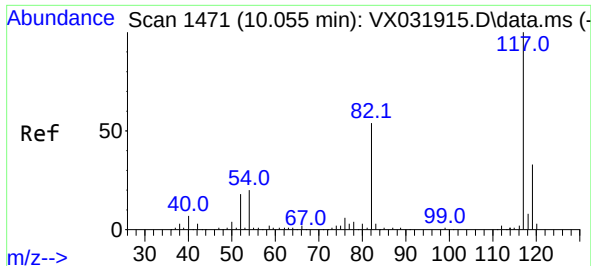
Ion Ratio Lower Upper

95 100

174 80.1 0.0 153.2

176 77.4 0.0 144.0

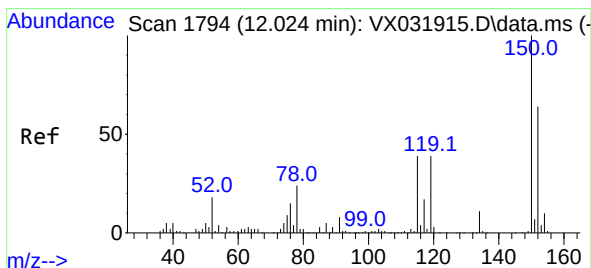
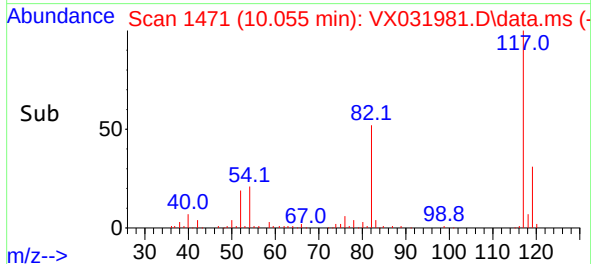
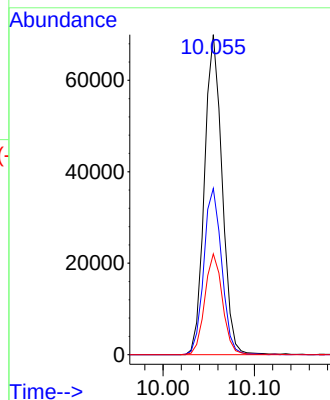
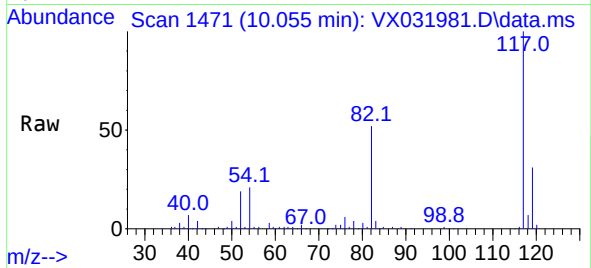




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

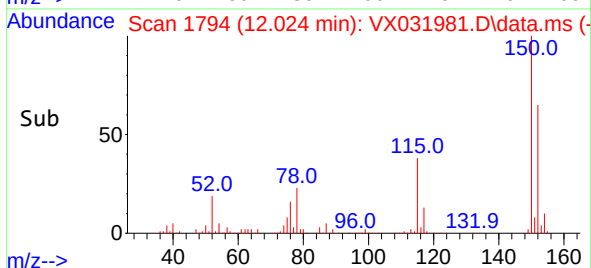
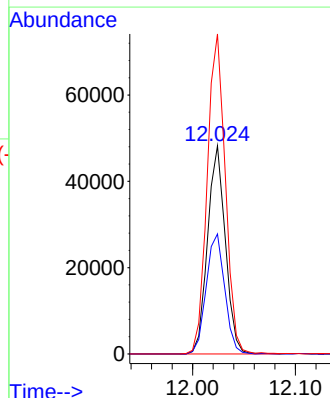
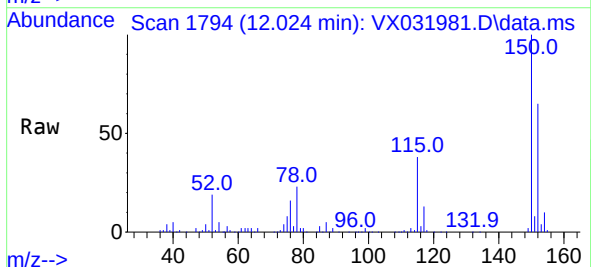
Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

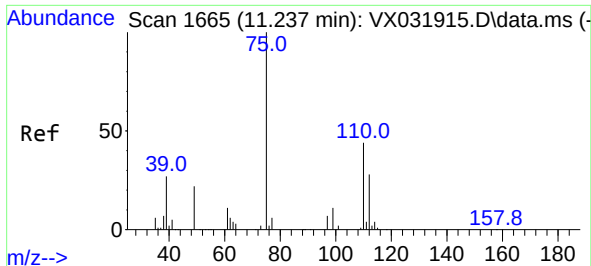
Tgt Ion:117 Resp: 93512
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion:152 Resp: 58094
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 156.5 0.0 346.8

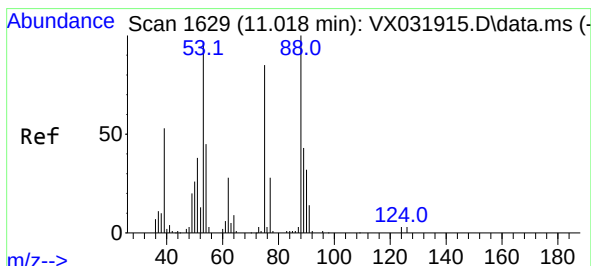
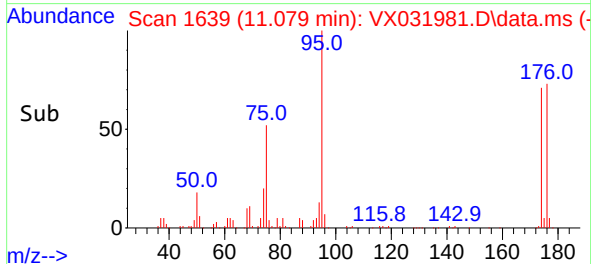
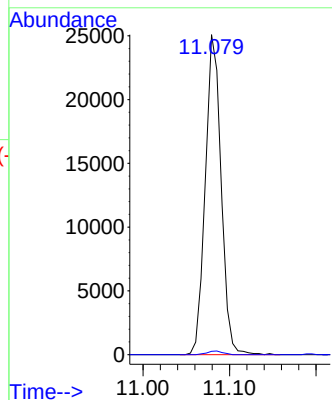
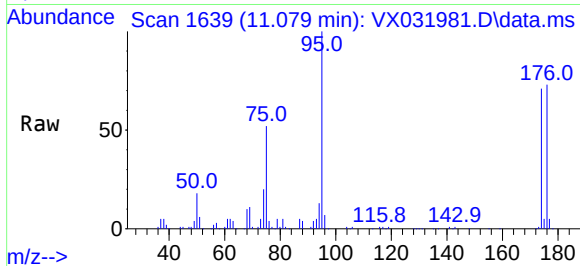




#76
1,2,3-Trichloropropane
Concen: 26.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Instrument :
MSVOA_X
ClientSampleId :
FB-01-100722

Tgt Ion: 75 Resp: 31812
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031981.D
Acq: 08 Oct 2022 00:23

Tgt Ion: 75 Resp: 31812
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

