

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036140.D
 Acq On : 13 Jun 2023 13:42
 Operator : JC/MD
 Sample : 03173-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-061223

Quant Time: Jun 14 00:54:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

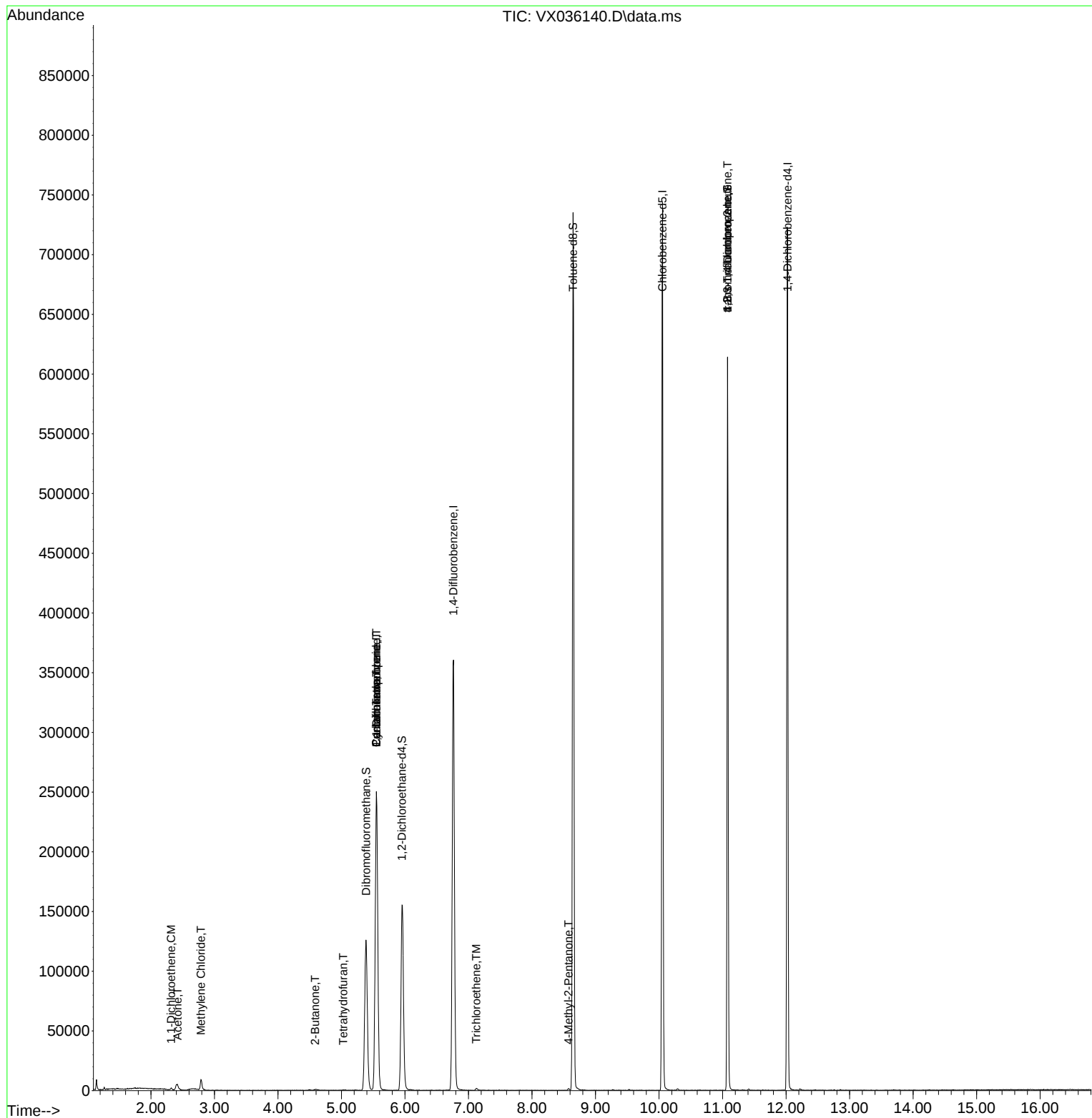
Internal Standards						
1) Pentafluorobenzene	5.550	168	207465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163608	48.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.385	113	108214	47.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	406126	49.192	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	156719	48.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.180%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	458	0.220	ug/l #	68
16) Acetone	2.416	43	9400	6.763	ug/l	93
20) Methylene Chloride	2.788	84	3848	1.437	ug/l	98
25) 2-Butanone	4.587	43	1022	0.514	ug/l #	83
29) Tetrahydrofuran	5.026	42	259	0.202	ug/l #	48
31) Cyclohexane	5.550	56	5424	1.538	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20477	6.676	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24975	8.356	ug/l #	17
44) Trichloroethene	7.123	130	635	0.266	ug/l	83
51) 4-Methyl-2-Pentanone	8.574	43	1072	0.313	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	89948	28.496	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89948	95.984	ug/l #	3

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

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Quant Time: Jun 14 00:54:11 2023
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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

Instrument :

MSVOA_X

ClientSampleId :

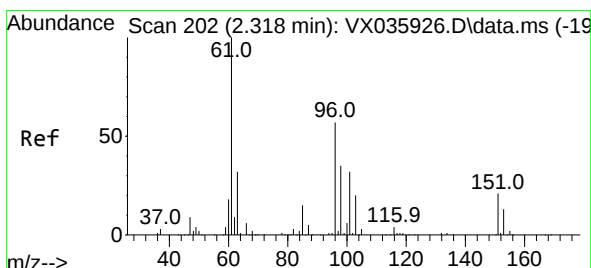
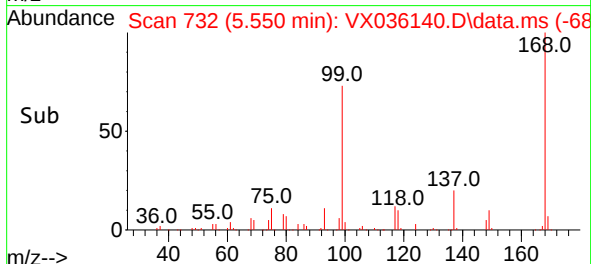
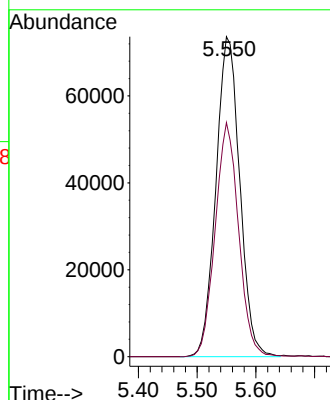
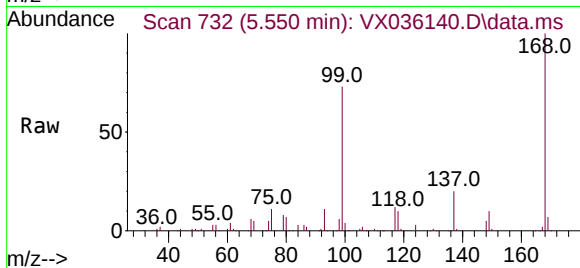
FB-01-061223

Tgt Ion:168 Resp: 207465

Ion Ratio Lower Upper

168 100

99 73.2 57.0 85.6



#12

1,1-Dichloroethene

Concen: 0.220 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

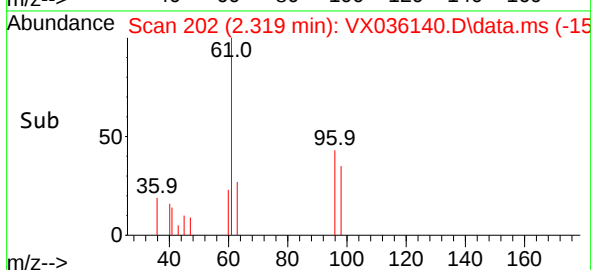
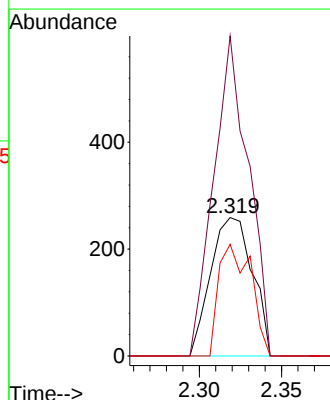
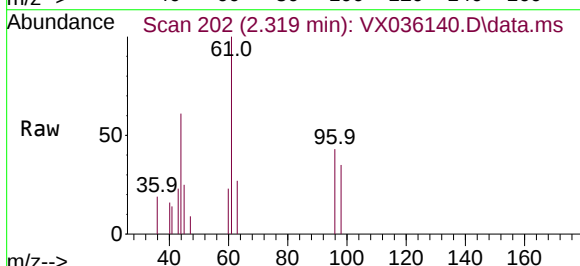
Tgt Ion: 96 Resp: 458

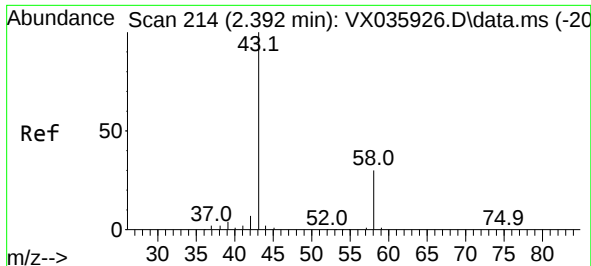
Ion Ratio Lower Upper

96 100

61 231.3 145.2 217.8#

98 80.7 49.3 73.9#





#16

Acetone

Concen: 6.763 ug/l

RT: 2.416 min Scan# 214

Delta R.T. 0.025 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

Instrument :

MSVOA_X

ClientSampleId :

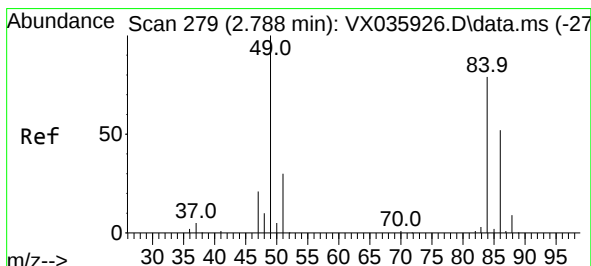
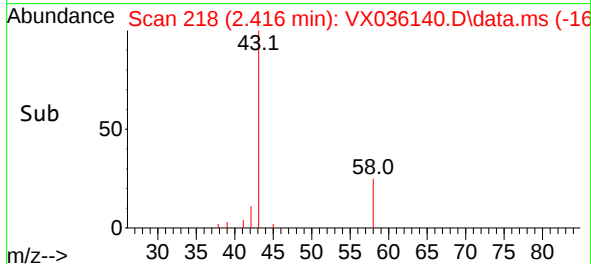
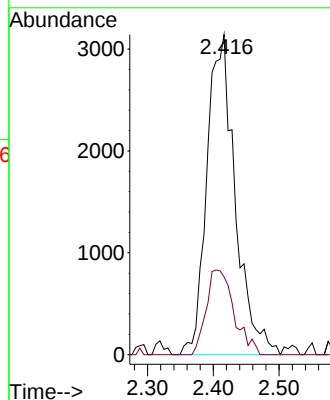
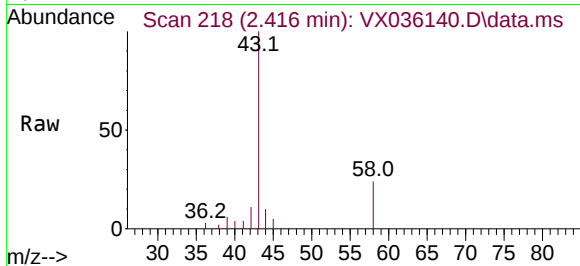
FB-01-061223

Tgt Ion: 43 Resp: 9400

Ion Ratio Lower Upper

43 100

58 24.3 22.2 33.2



#20

Methylene Chloride

Concen: 1.437 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

Tgt Ion: 84 Resp: 3848

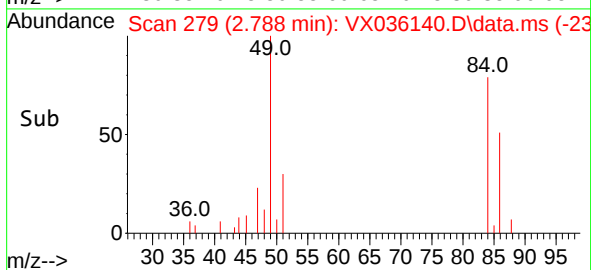
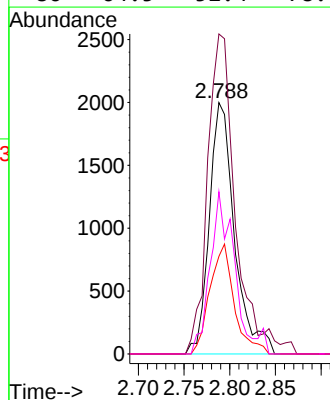
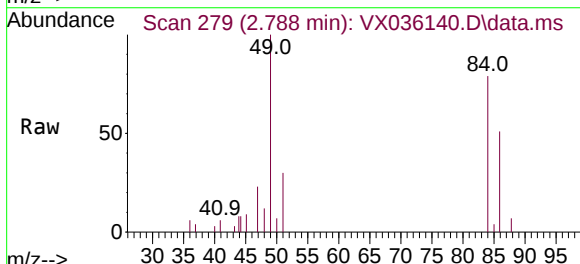
Ion Ratio Lower Upper

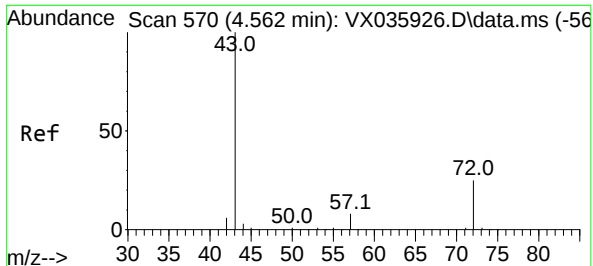
84 100

49 127.3 104.6 156.8

51 38.8 32.2 48.4

86 64.5 52.4 78.6





#25

2-Butanone

Concen: 0.514 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

Instrument :

MSVOA_X

ClientSampleId :

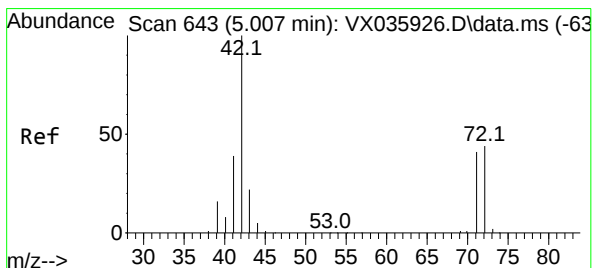
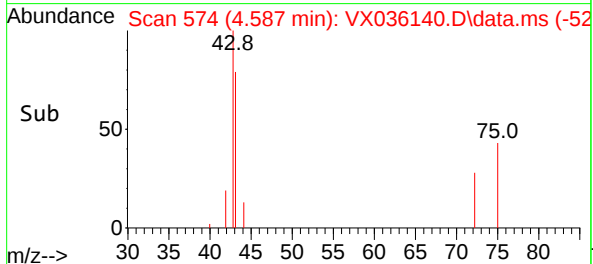
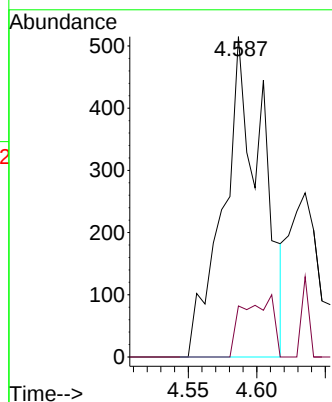
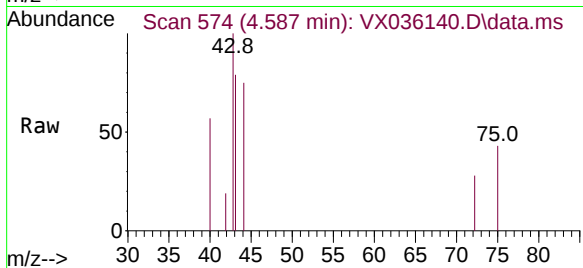
FB-01-061223

Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

72 15.9 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.013 min

Lab File: VX036140.D

Acq: 13 Jun 2023 13:42

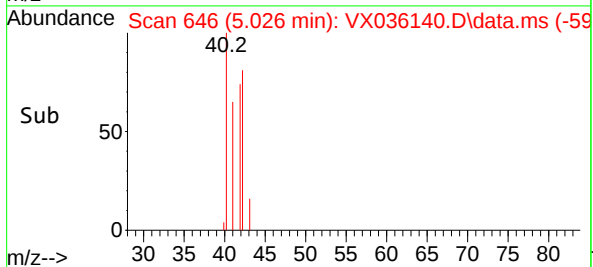
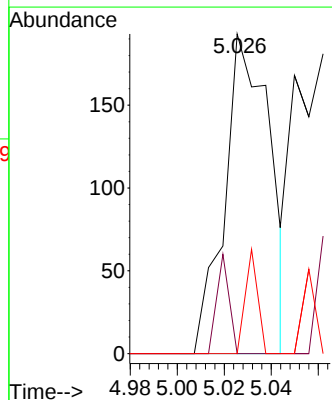
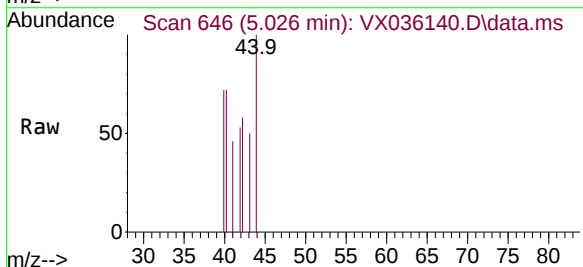
Tgt Ion: 42 Resp: 259

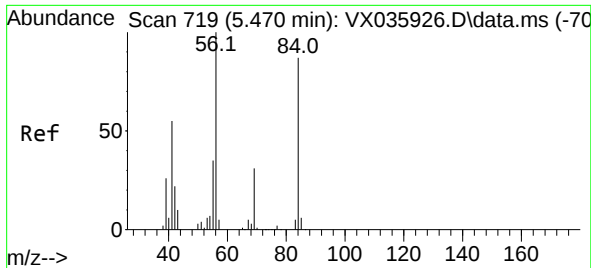
Ion Ratio Lower Upper

42 100

72 8.5 34.2 51.2#

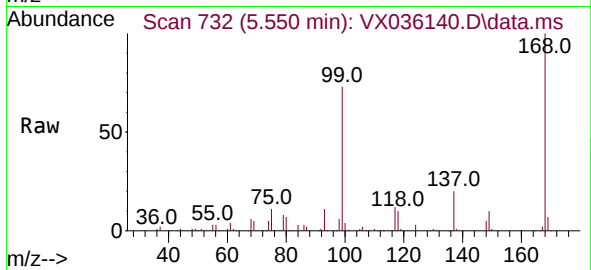
71 8.9 31.8 47.8#





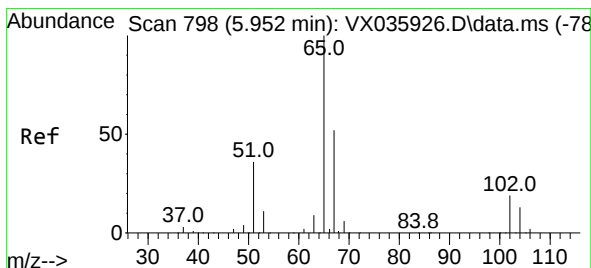
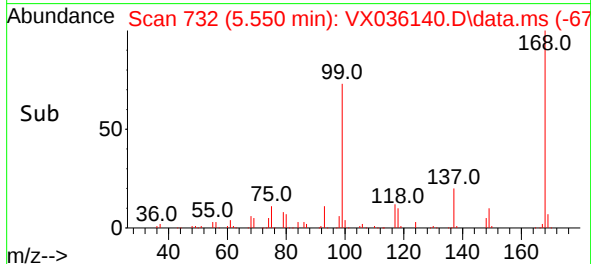
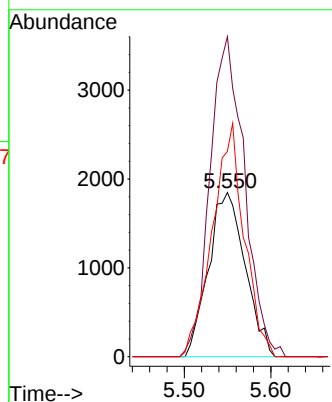
#31
Cyclohexane
Concen: 1.538 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Instrument :
MSVOA_X
ClientSampleId :
FB-01-061223



Tgt Ion: 56 Resp: 5424

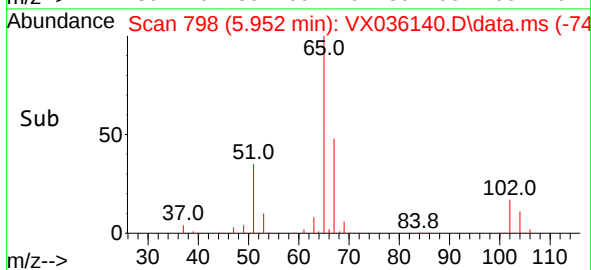
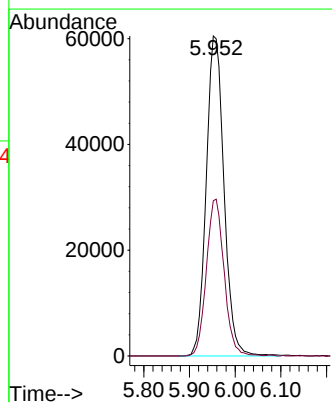
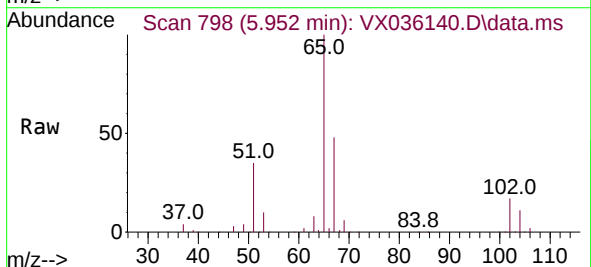
Ion	Ratio	Lower	Upper
56	100		
69	194.9	25.9	38.9#
84	125.1	67.6	101.4#

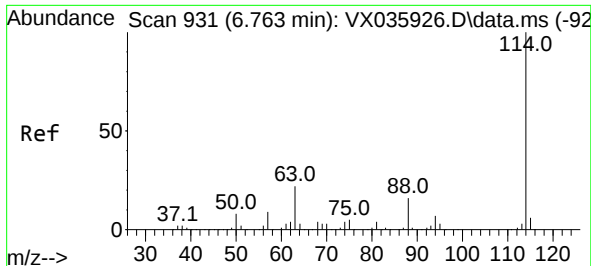


#33
1,2-Dichloroethane-d4
Concen: 48.564 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Tgt Ion: 65 Resp: 163608

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.6

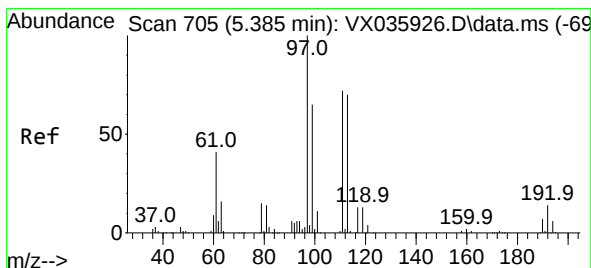
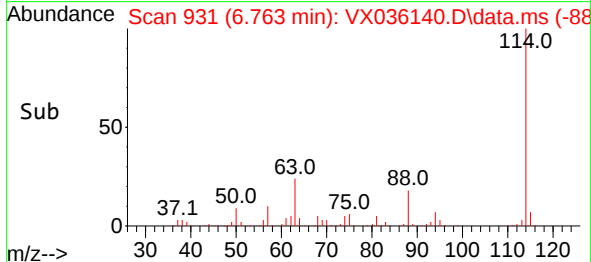
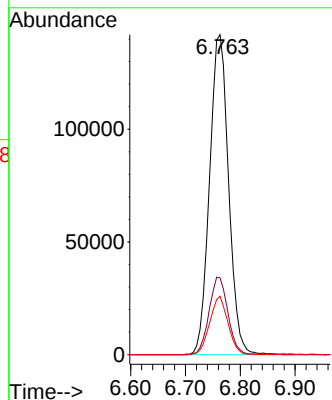
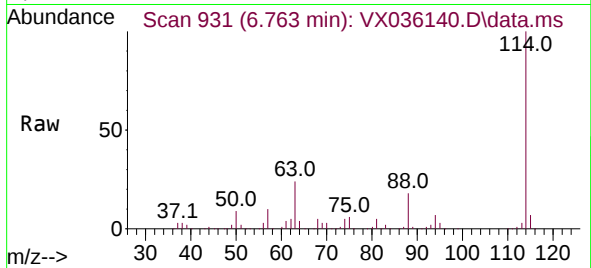




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

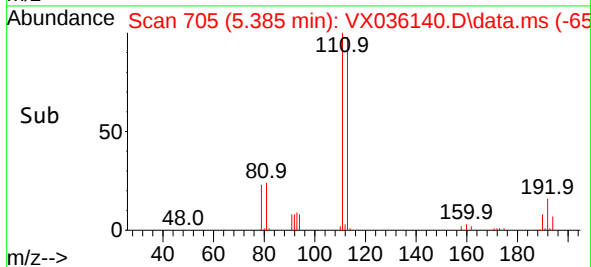
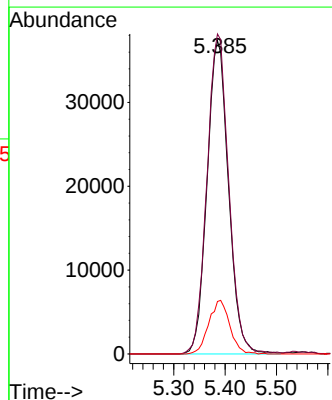
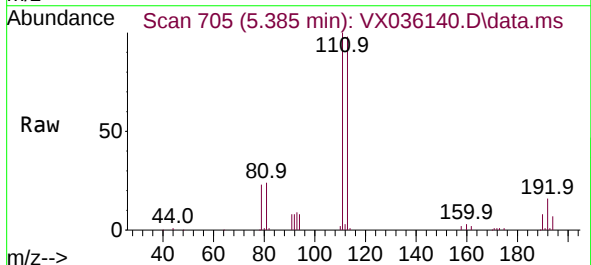
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MSVOA_X
ClientSampleId :
FB-01-061223

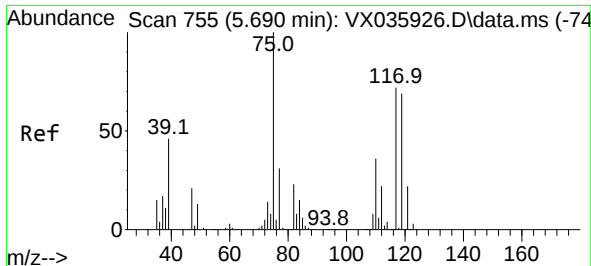
Tgt Ion:114 Resp: 342016
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.0
88 18.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Tgt Ion:113 Resp: 108214
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 16.8 13.5 20.3

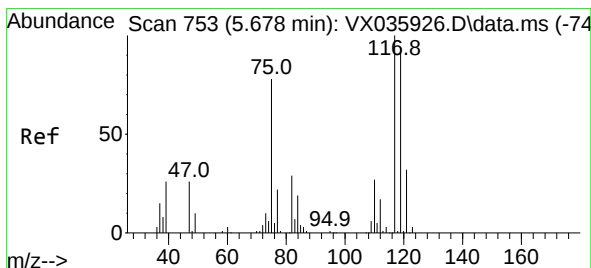
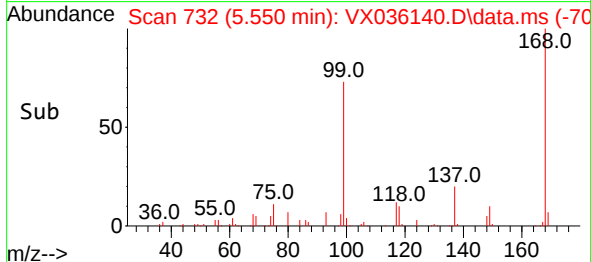
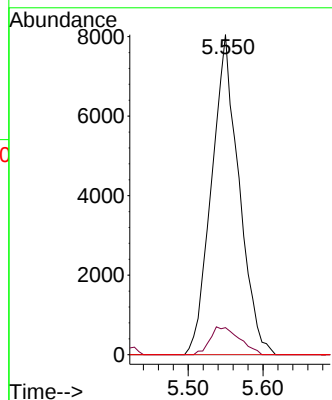
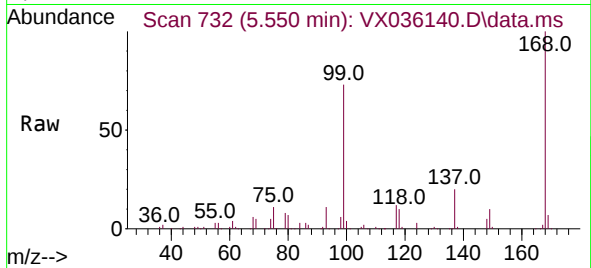




#36
 1,1-Dichloropropene
 Concen: 6.676 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX036140.D
 Acq: 13 Jun 2023 13:42

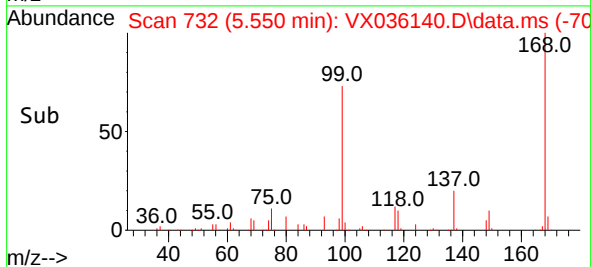
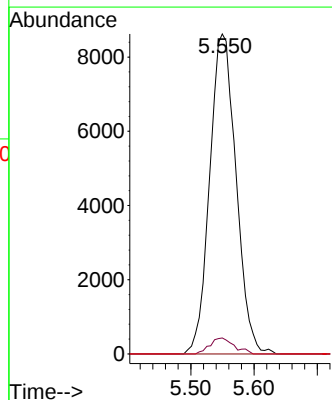
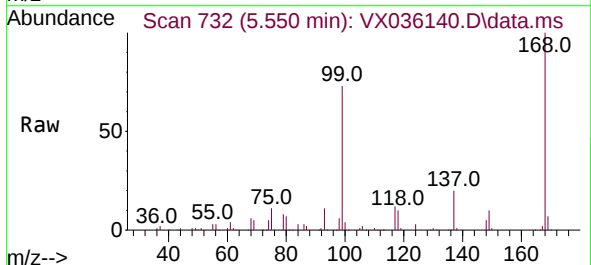
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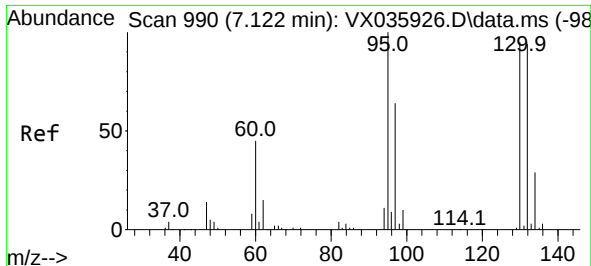
Tgt Ion: 75 Resp: 20477
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.6 49.7#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 8.356 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX036140.D
 Acq: 13 Jun 2023 13:42

Tgt Ion: 117 Resp: 24975
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.1 111.1#
 121 0.0 25.0 37.4#

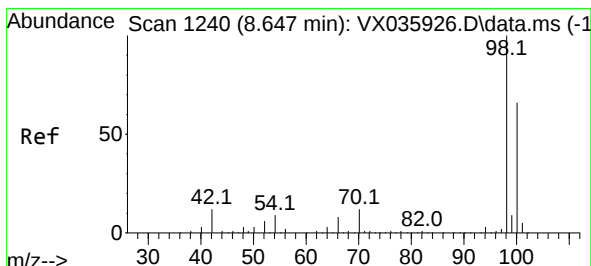
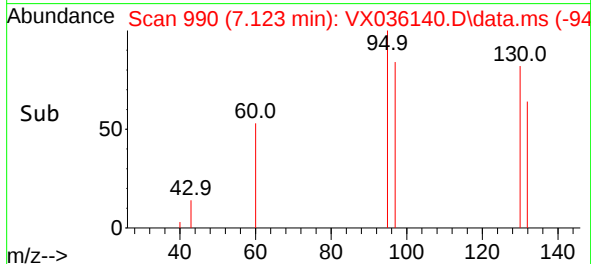
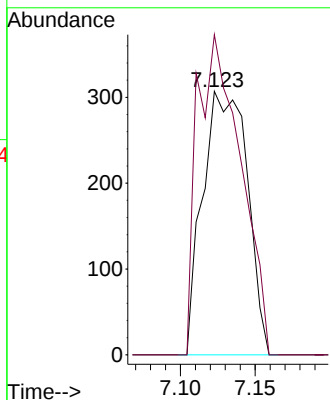
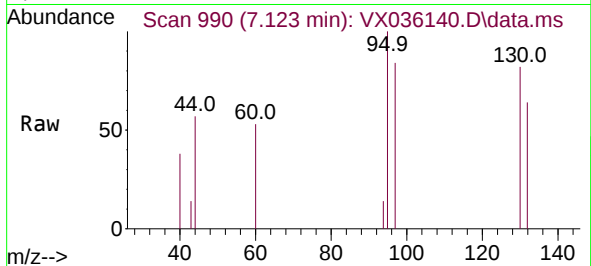




#44
 Trichloroethene
 Concen: 0.266 ug/l
 RT: 7.123 min Scan# 99
 Delta R.T. 0.001 min
 Lab File: VX036140.D
 Acq: 13 Jun 2023 13:42

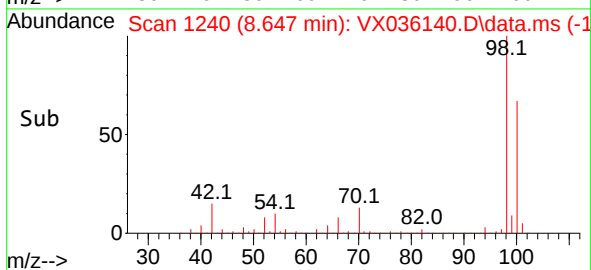
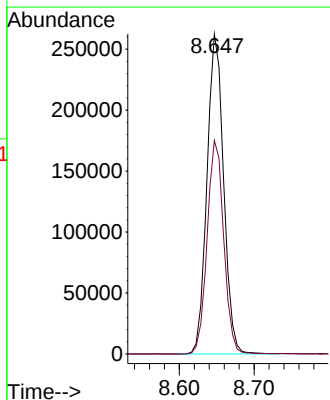
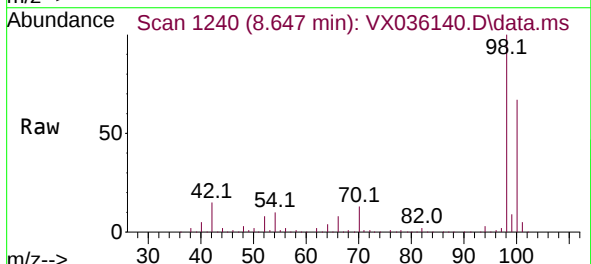
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-061223

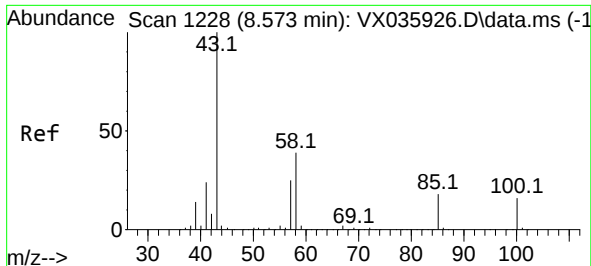
Tgt Ion:130 Resp: 635
 Ion Ratio Lower Upper
 130 100
 95 121.5 0.0 207.6



#50
 Toluene-d8
 Concen: 49.192 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX036140.D
 Acq: 13 Jun 2023 13:42

Tgt Ion: 98 Resp: 406126
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.4 80.0

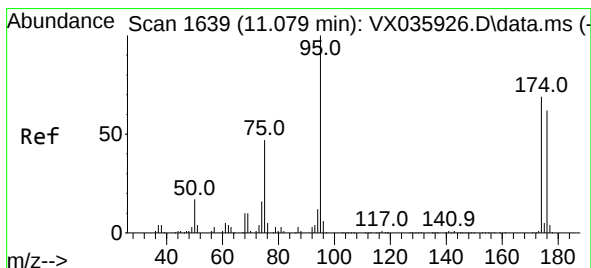
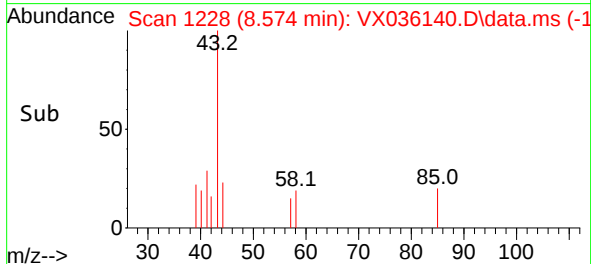
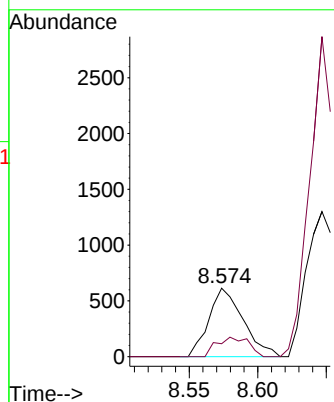
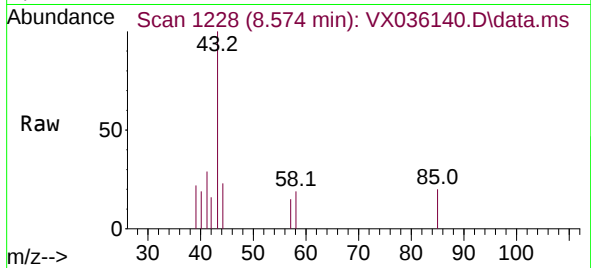




#51
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

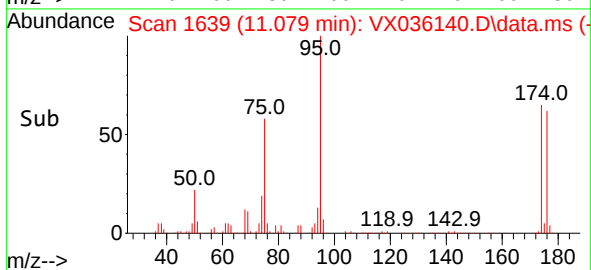
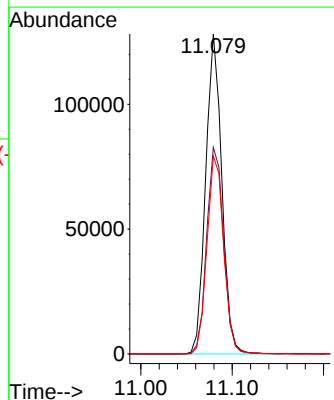
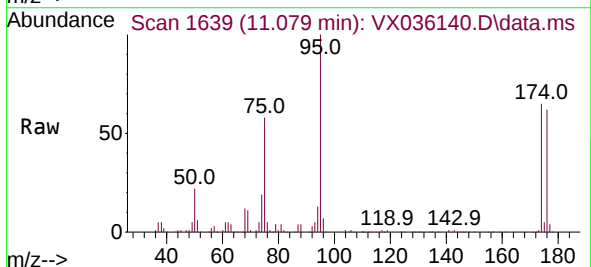
Instrument :
MSVOA_X
ClientSampleId :
FB-01-061223

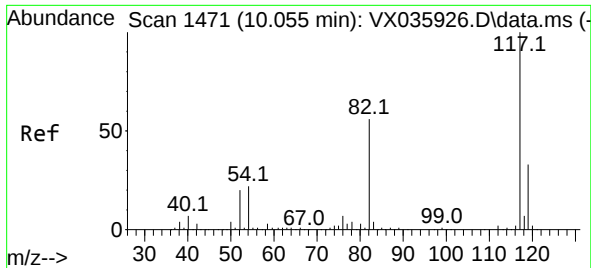
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 26.4 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 48.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Tgt Ion: 95 Resp: 156719
Ion Ratio Lower Upper
95 100
174 67.6 0.0 132.6
176 63.9 0.0 128.0

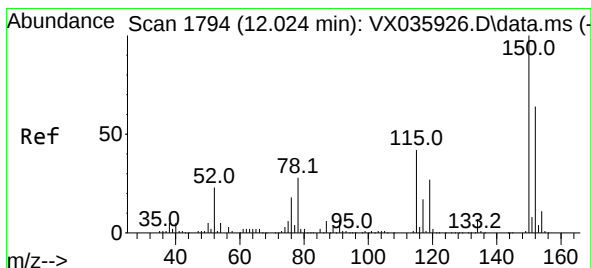
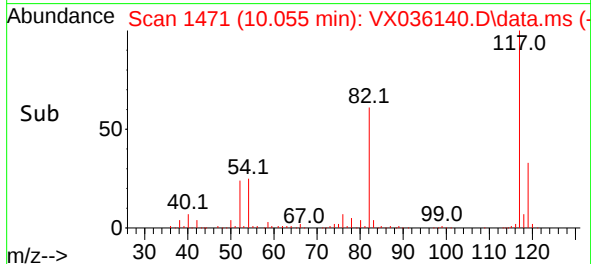
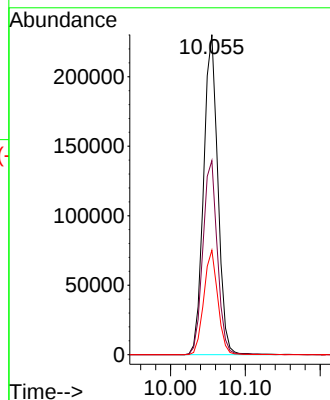
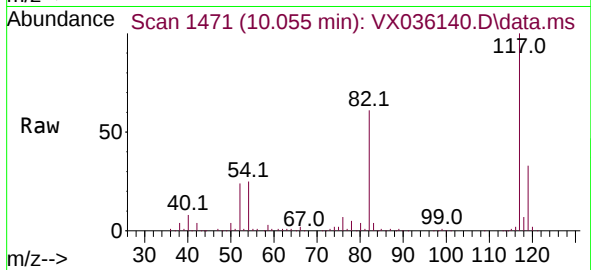




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

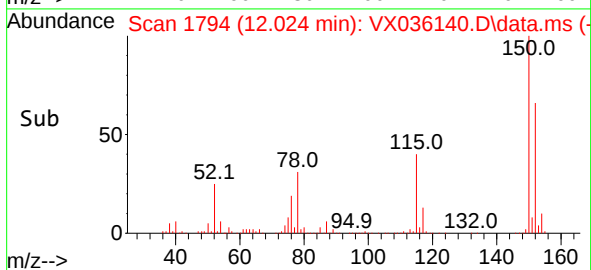
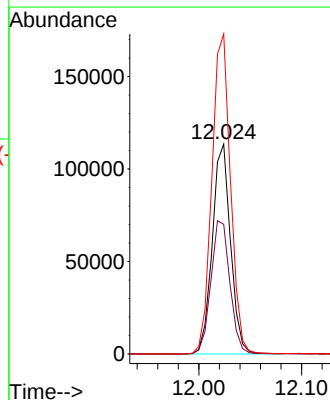
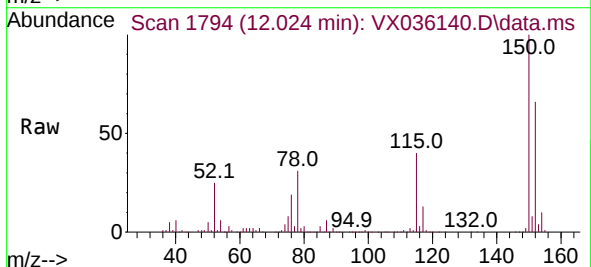
Instrument :
MSVOA_X
ClientSampleId :
FB-01-061223

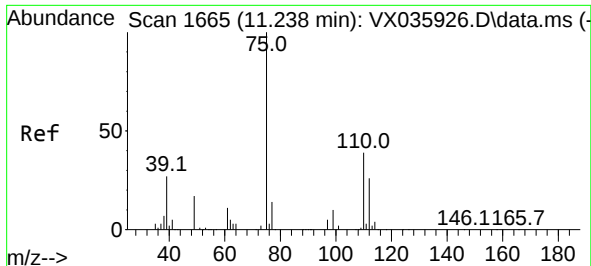
Tgt Ion:117 Resp: 304717
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Tgt Ion:152 Resp: 139950
Ion Ratio Lower Upper
152 100
115 66.1 45.5 136.5
150 156.0 0.0 345.2

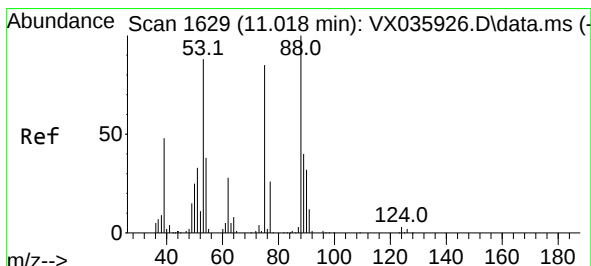
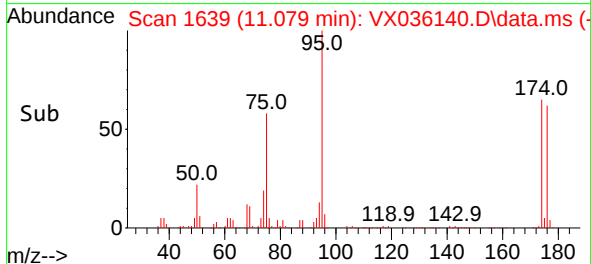
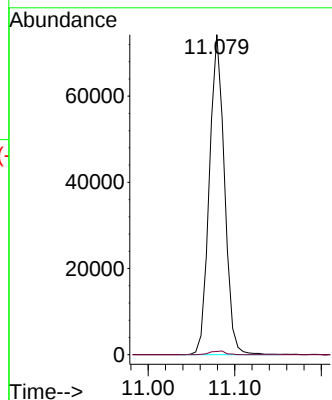
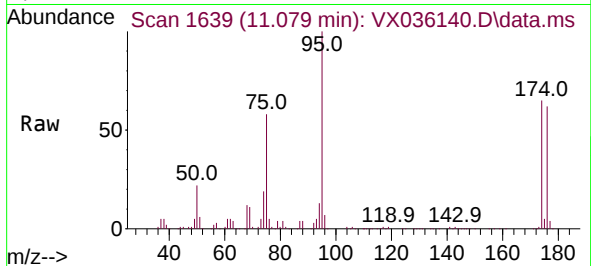




#76
1,2,3-Trichloropropane
Concen: 28.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Instrument :
MSVOA_X
ClientSampleId :
FB-01-061223

Tgt Ion: 75 Resp: 89948
Ion Ratio Lower Upper
75 100
77 1.2 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036140.D
Acq: 13 Jun 2023 13:42

Tgt Ion: 75 Resp: 89948
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.1 38.0 57.0#

