

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043045.D
 Acq On : 14 Aug 2024 20:37
 Operator : JC/MD
 Sample : P3574-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 04:37:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65918	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	59713	46.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.200%
35) Dibromofluoromethane	5.385	113	52200	48.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	202360	49.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	68948	46.187	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.380%

Target Compounds

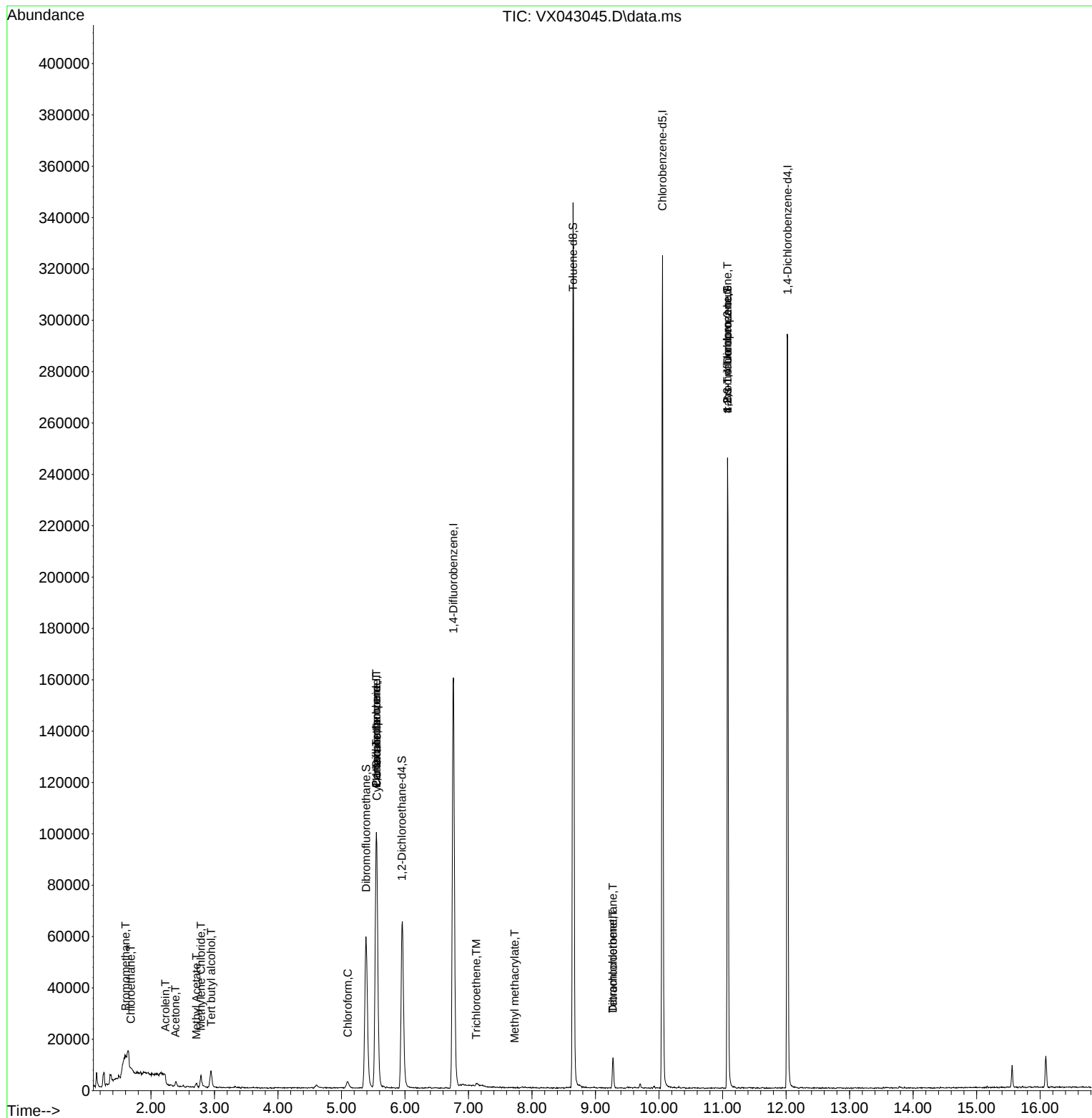
						Qvalue
5) Bromomethane	1.599	94	257	0.572	ug/l	83
6) Chloroethane	1.685	64	240	0.514	ug/l	90
11) Tert butyl alcohol	2.947	59	3715	11.117	ug/l #	84
13) Acrolein	2.227	56	89	0.263	ug/l #	14
16) Acetone	2.386	43	2333	3.632	ug/l	93
18) Methyl Acetate	2.715	43	2212	1.042	ug/l #	88
20) Methylene Chloride	2.788	84	2297	1.546	ug/l #	88
30) Chloroform	5.099	83	3164	1.435	ug/l	94
31) Cyclohexane	5.556	56	2342	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7529	5.082	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9548	6.373	ug/l #	14
44) Trichloroethene	7.123	130	269	0.235	ug/l	84
48) Methyl methacrylate	7.726	41	76	0.454	ug/l #	16
60) Dibromochloromethane	9.275	129	2353	1.863	ug/l #	11
64) Tetrachloroethene	9.275	164	2266	2.398	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	32651	21.613	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32651	47.142	ug/l #	5

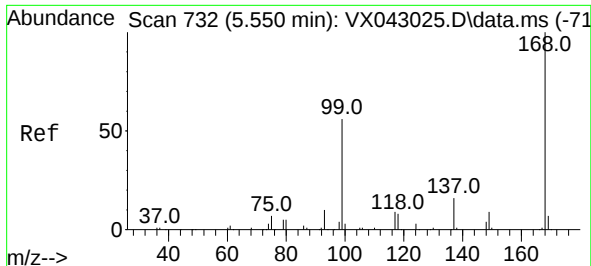
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
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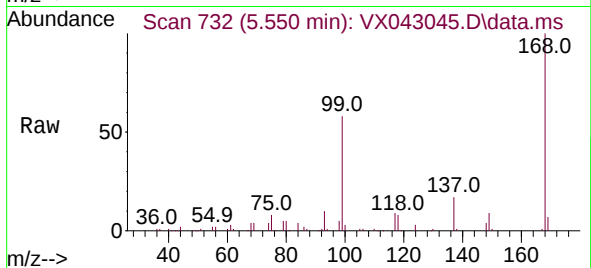
Quant Time: Aug 15 04:37:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



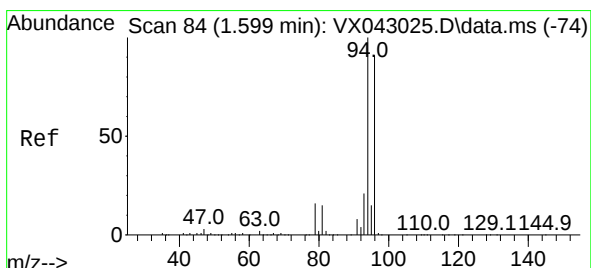
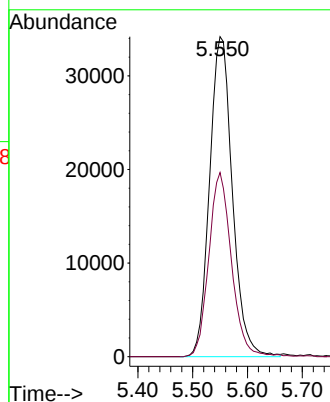
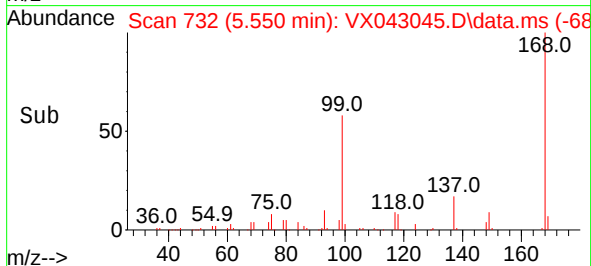


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Instrument :
MSVOA_X
ClientSampleId :

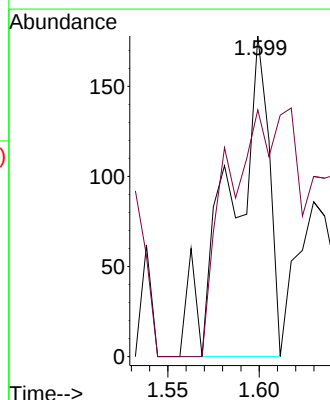
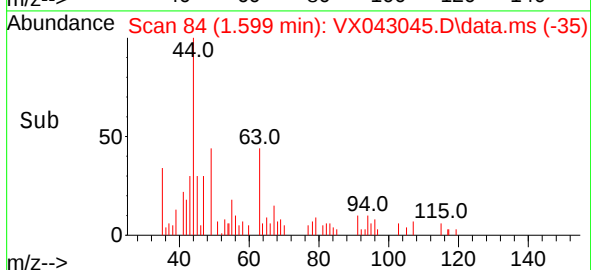
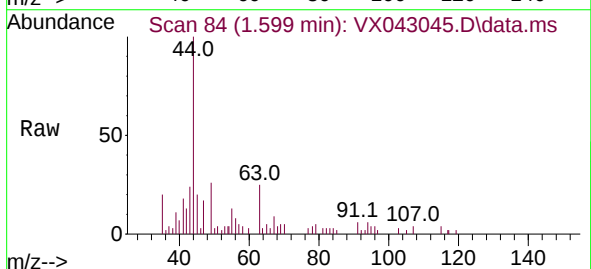


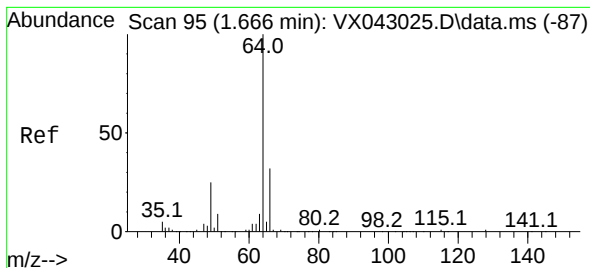
Tgt Ion:168 Resp: 98572
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#5
Bromomethane
Concen: 0.572 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Tgt Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 77.0 74.6 111.8

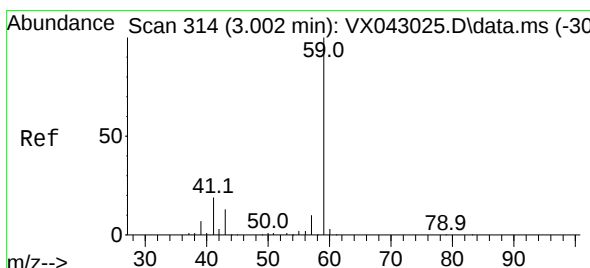
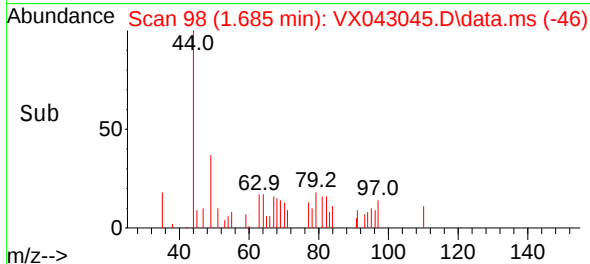
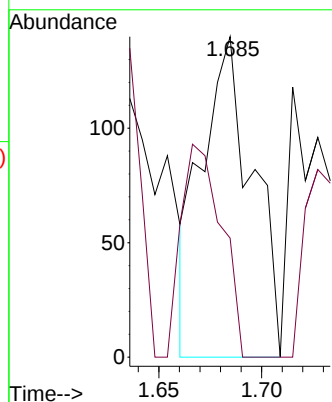
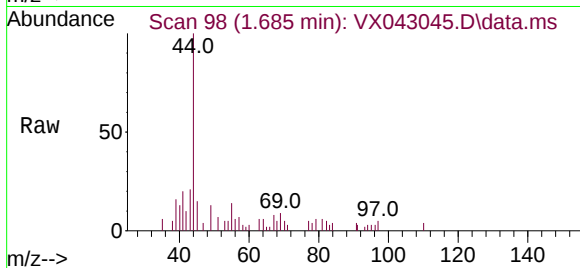




#6
Chloroethane
Concen: 0.514 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

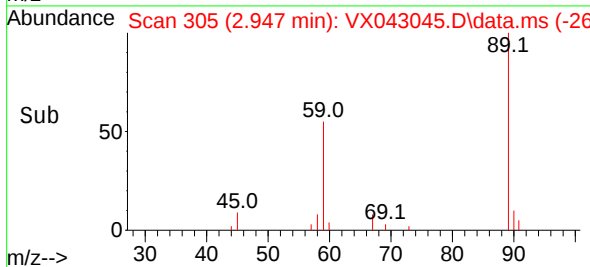
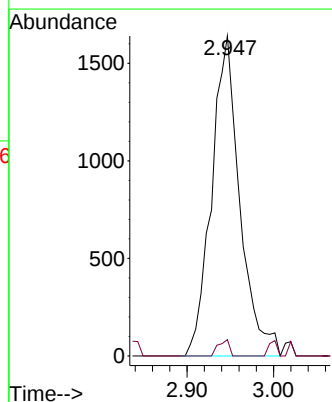
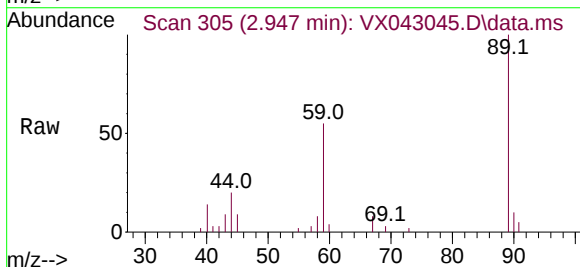
Instrument :
MSVOA_X
ClientSampleId :

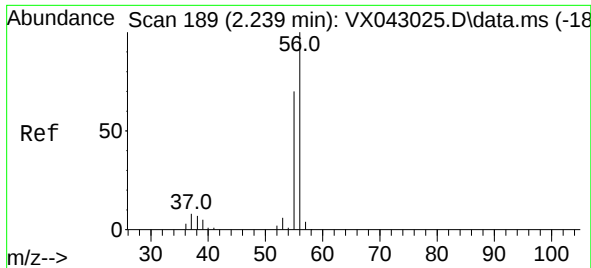
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 37.1 25.1 37.7



#11
Tert butyl alcohol
Concen: 11.117 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Tgt Ion: 59 Resp: 3715
Ion Ratio Lower Upper
59 100
57 2.0 6.0 9.0#

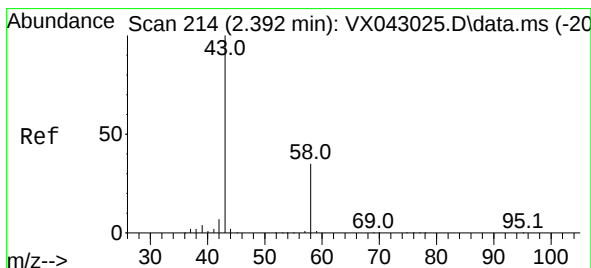
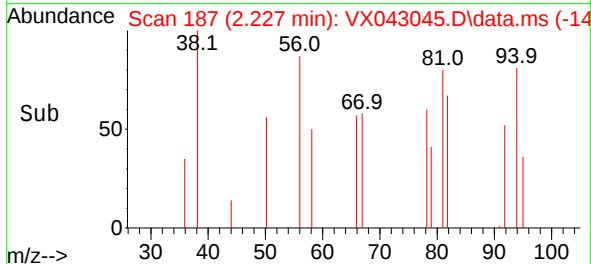
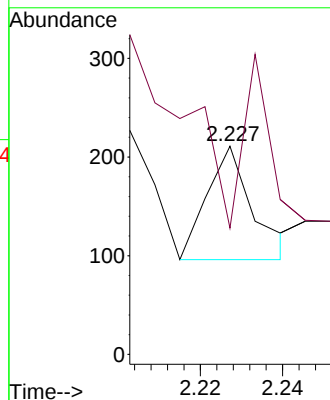
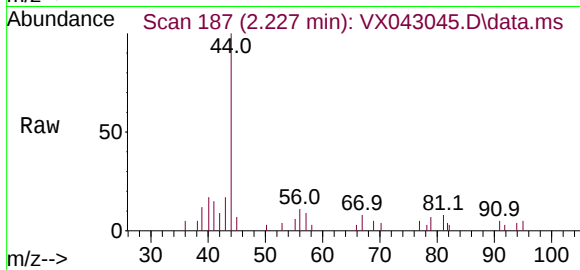




#13
Acrolein
Concen: 0.263 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

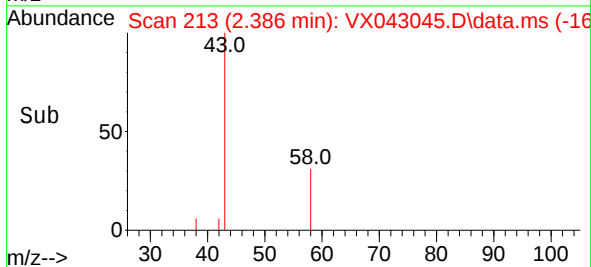
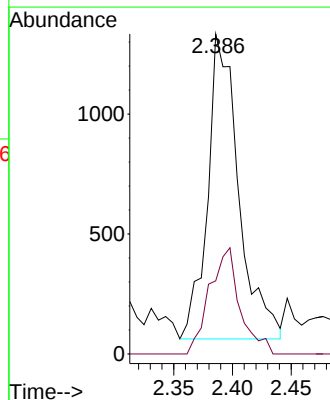
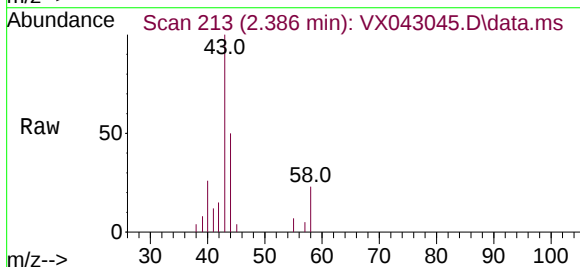
Instrument :
MSVOA_X
ClientSampleId :

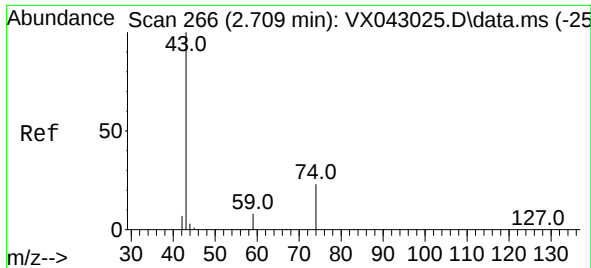
Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 3.632 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9

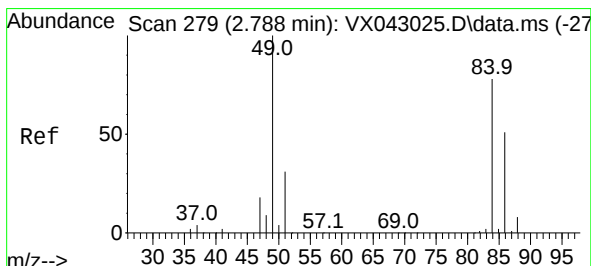
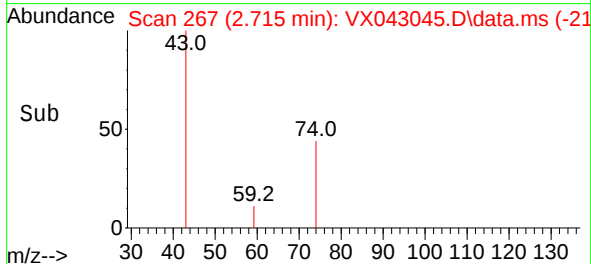
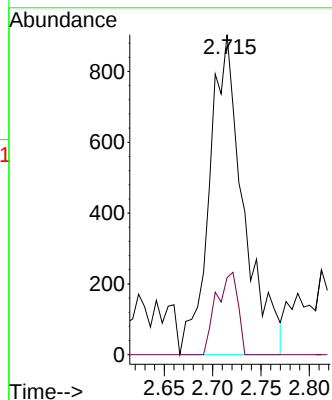
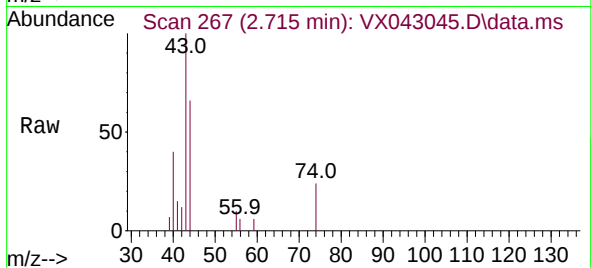




#18
Methyl Acetate
Concen: 1.042 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

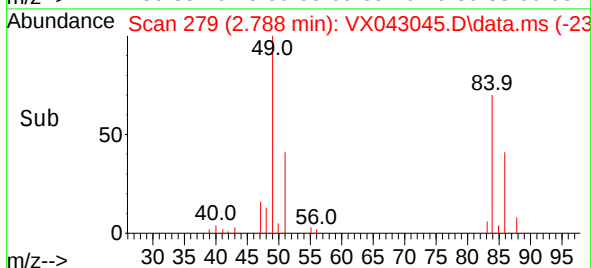
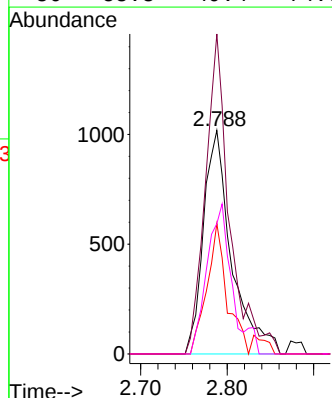
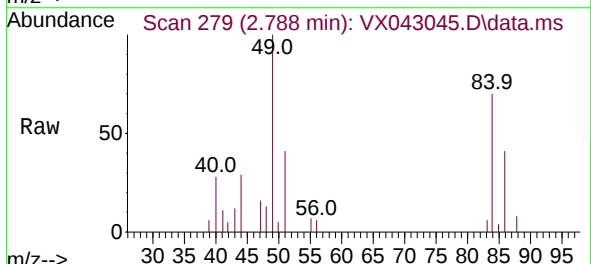
Instrument :
MSVOA_X
ClientSampleId :

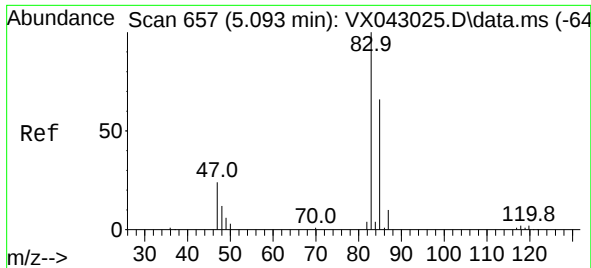
Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
74 16.3 17.8 26.8#



#20
Methylene Chloride
Concen: 1.546 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Tgt Ion: 84 Resp: 2297
Ion Ratio Lower Upper
84 100
49 143.2 103.6 155.4
51 58.3 33.8 50.6#
86 58.3 49.4 74.0





#30

Chloroform

Concen: 1.435 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

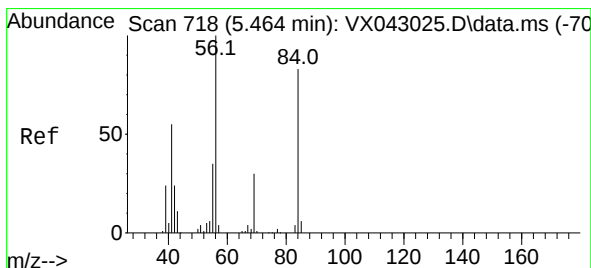
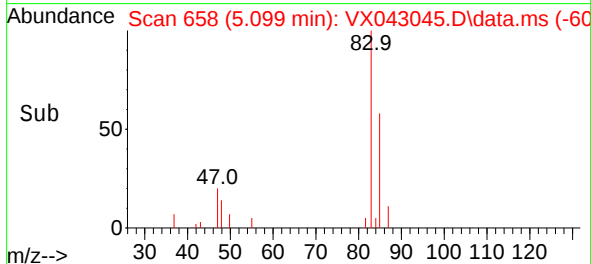
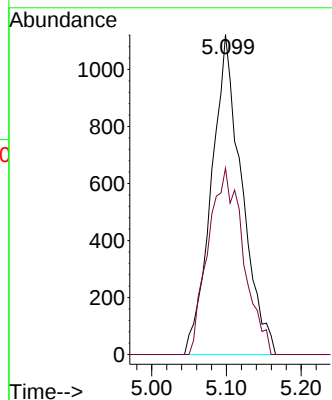
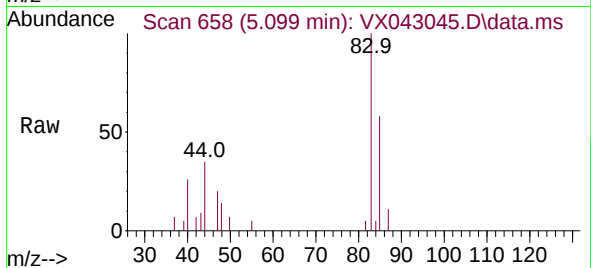
ClientSampleId :

Tgt Ion: 83 Resp: 3164

Ion Ratio Lower Upper

83 100

85 58.3 50.3 75.5



#31

Cyclohexane

Concen: 1.085 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

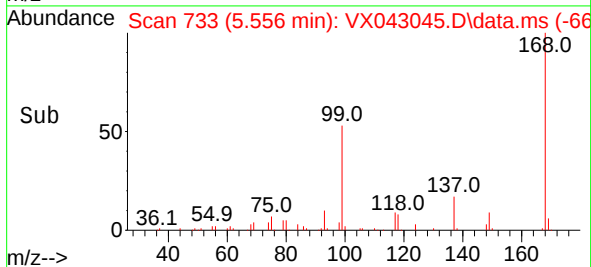
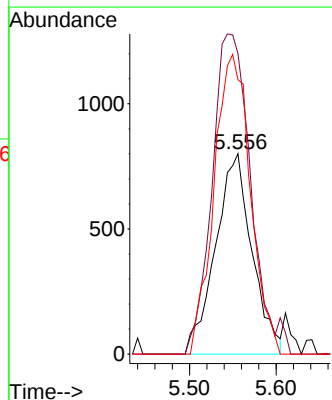
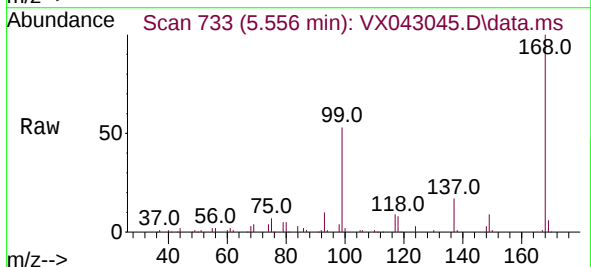
Tgt Ion: 56 Resp: 2342

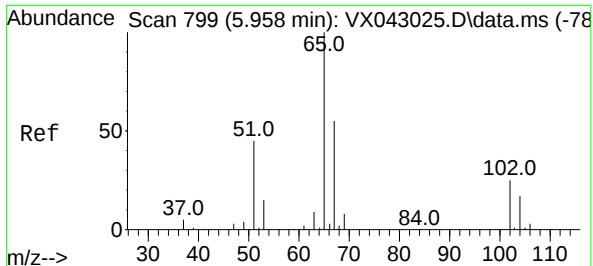
Ion Ratio Lower Upper

56 100

69 149.9 23.4 35.2#

84 136.8 65.9 98.9#

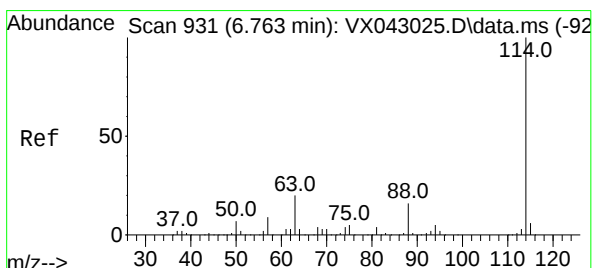
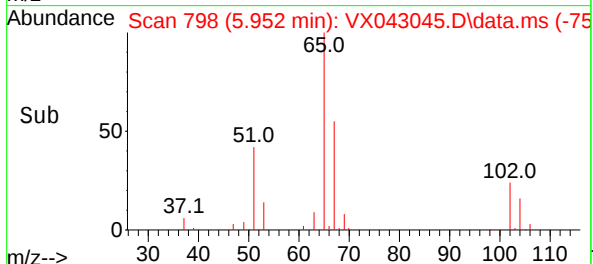
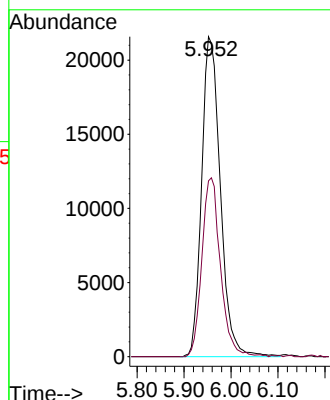
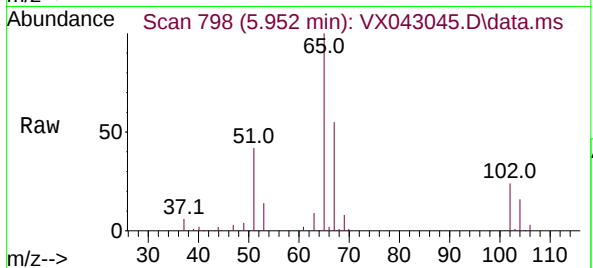




#33
 1,2-Dichloroethane-d4
 Concen: 46.102 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX043045.D
 Acq: 14 Aug 2024 20:37

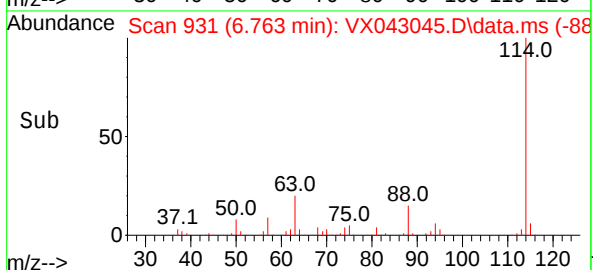
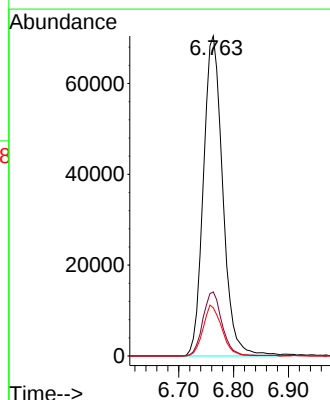
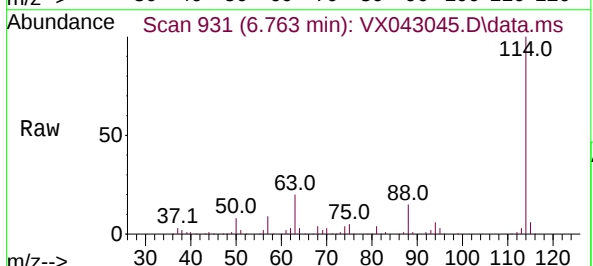
Instrument :
 MSVOA_X
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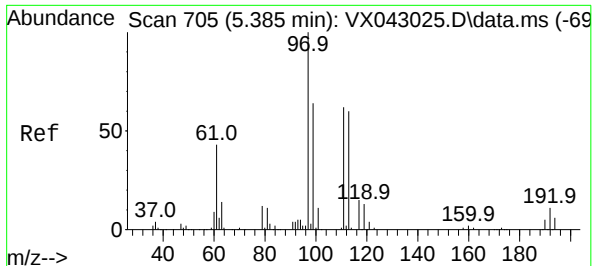
Tgt Ion: 65 Resp: 59713
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX043045.D
 Acq: 14 Aug 2024 20:37

Tgt Ion: 114 Resp: 172397
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.945 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

ClientSampleId :

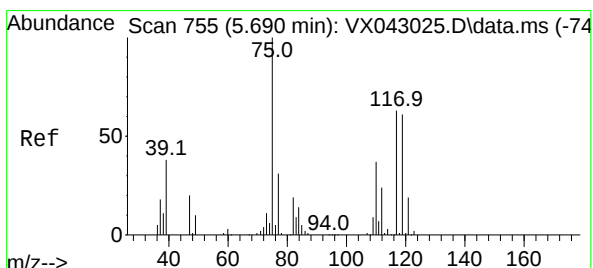
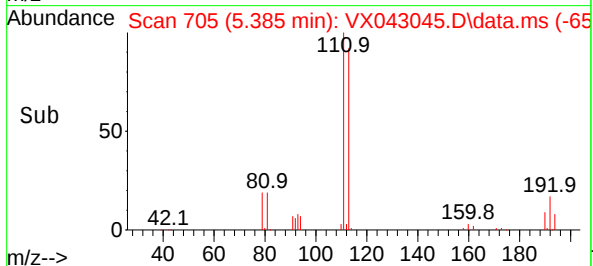
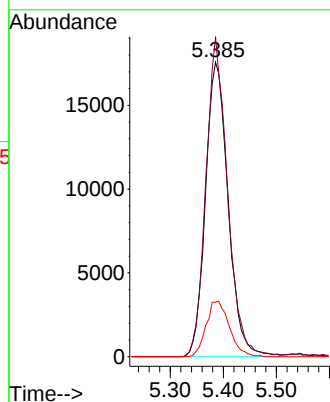
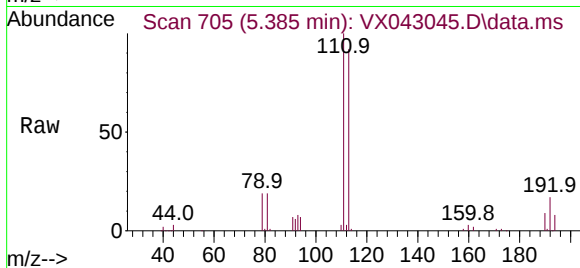
Tgt Ion:113 Resp: 52200

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 19.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

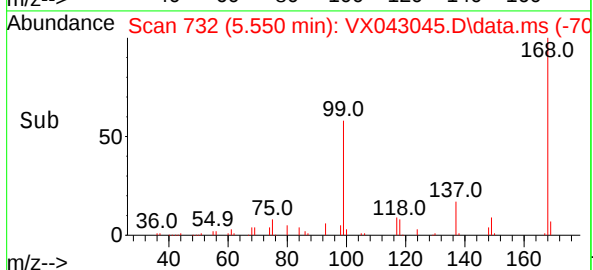
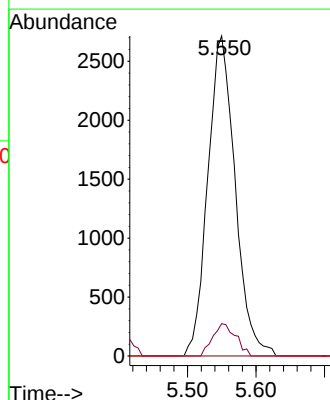
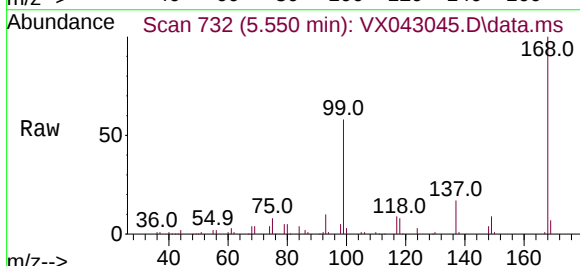
Tgt Ion: 75 Resp: 7529

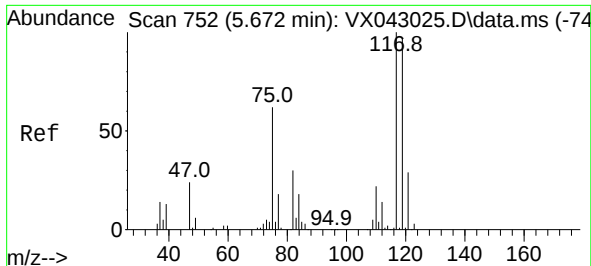
Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 5.550 min Scan# 752

Delta R.T. -0.122 min

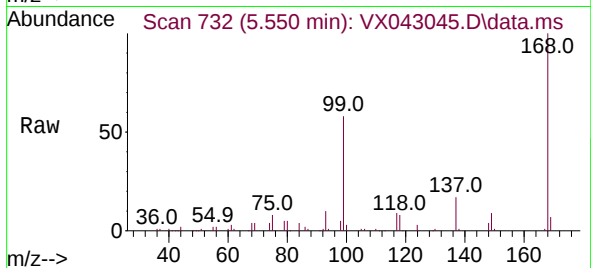
Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

ClientSampleId :



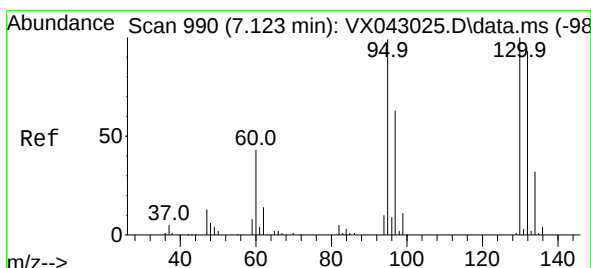
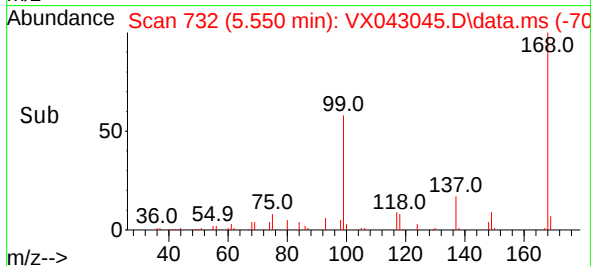
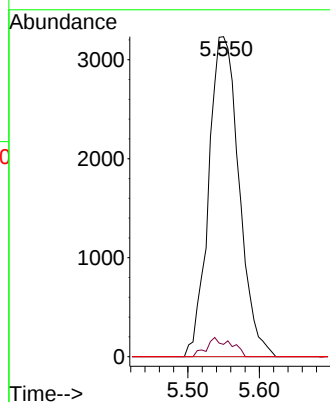
Tgt Ion:117 Resp: 9548

Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.235 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX043045.D

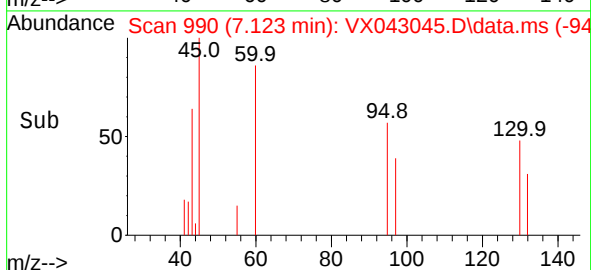
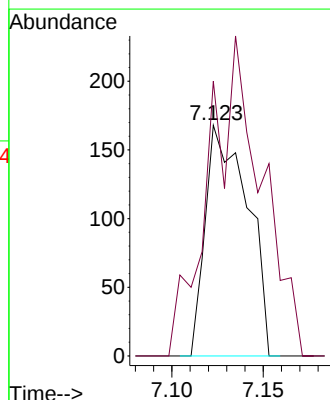
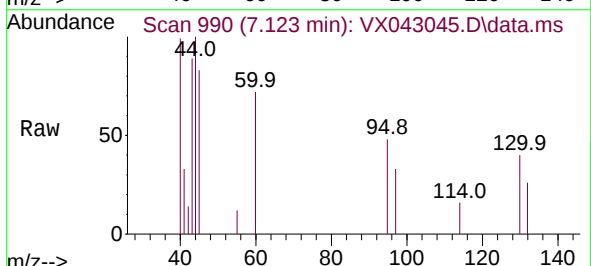
Acq: 14 Aug 2024 20:37

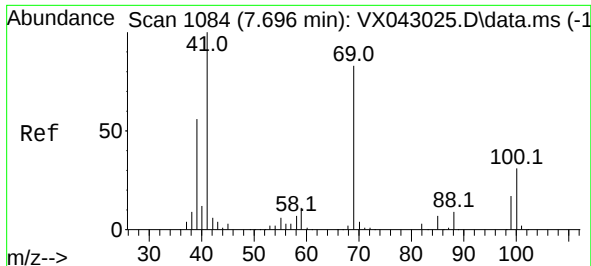
Tgt Ion:130 Resp: 269

Ion Ratio Lower Upper

130 100

95 86.3 0.0 204.4





#48

Methyl methacrylate

Concen: 0.454 ug/l

RT: 7.726 min Scan# 1

Delta R.T. 0.030 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

ClientSampleId :

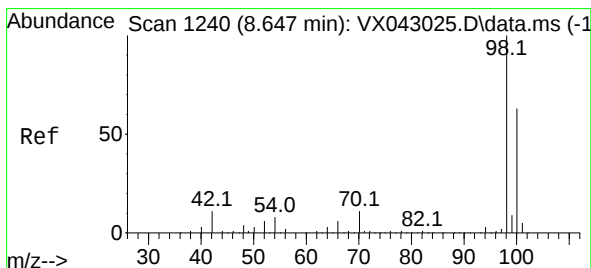
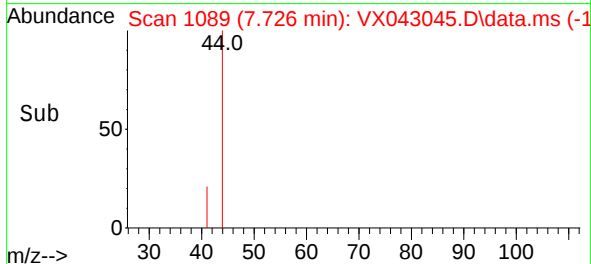
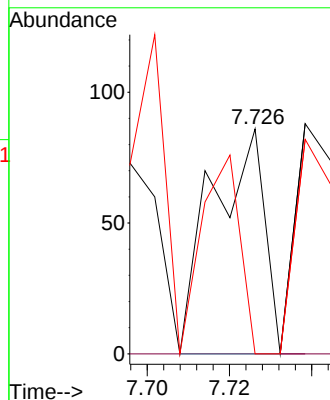
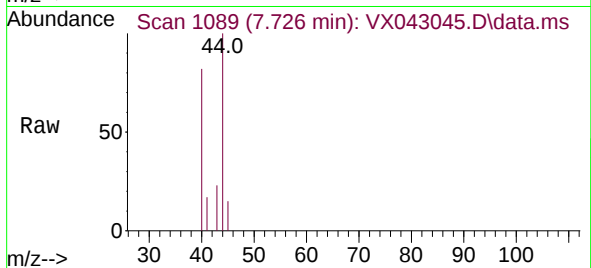
Tgt Ion: 41 Resp: 76

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 49.153 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043045.D

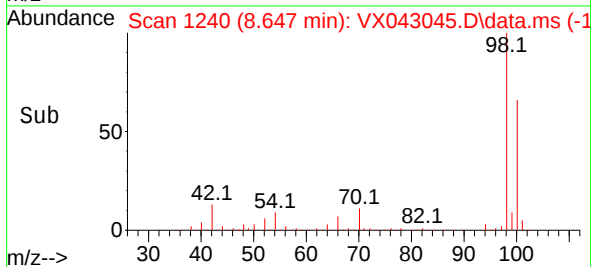
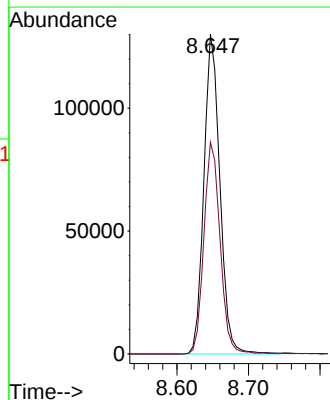
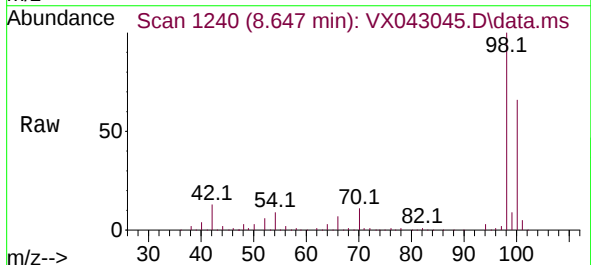
Acq: 14 Aug 2024 20:37

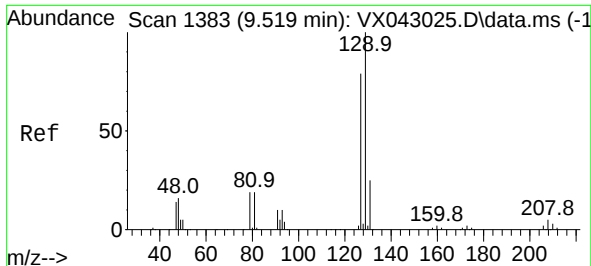
Tgt Ion: 98 Resp: 202360

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7





#60

Dibromochloromethane

Concen: 1.863 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

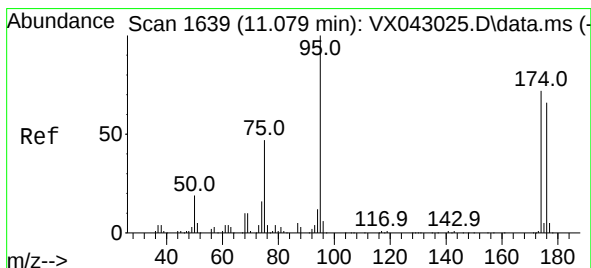
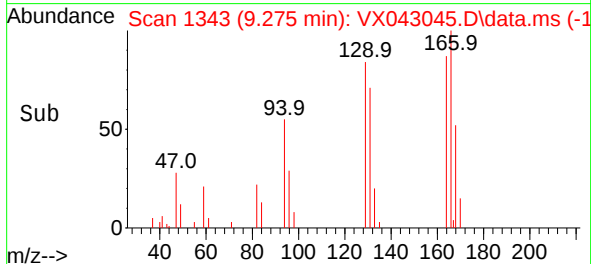
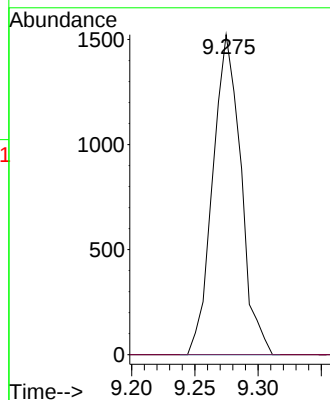
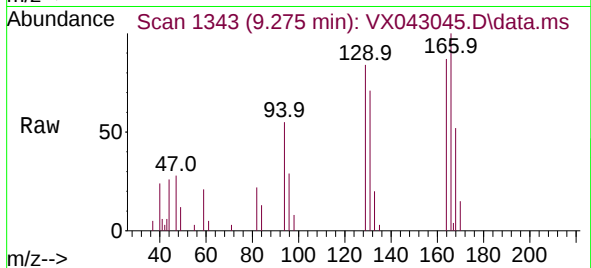
ClientSampleId :

Tgt Ion:129 Resp: 2353

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 46.187 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

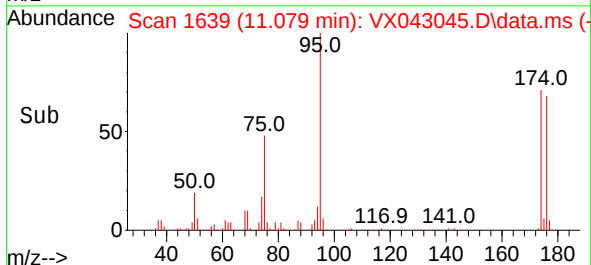
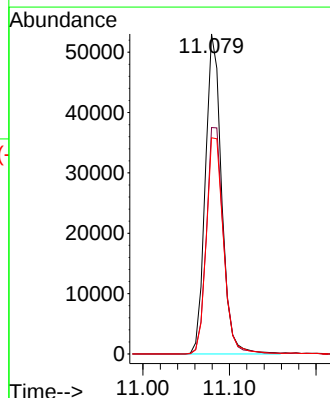
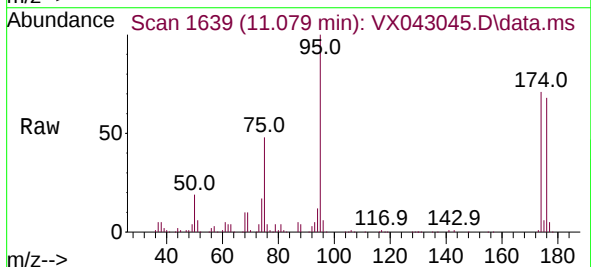
Tgt Ion: 95 Resp: 68948

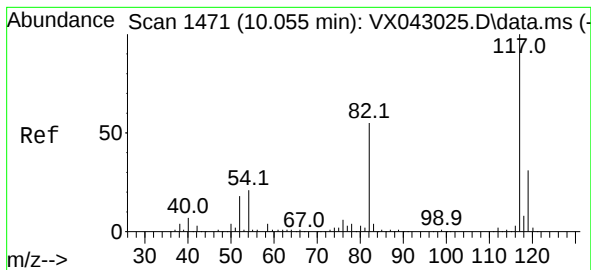
Ion Ratio Lower Upper

95 100

174 74.5 0.0 135.6

176 71.7 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: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

ClientSampleId :

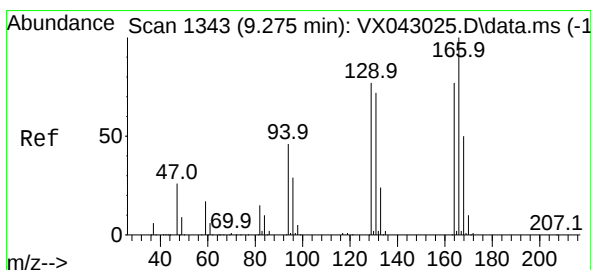
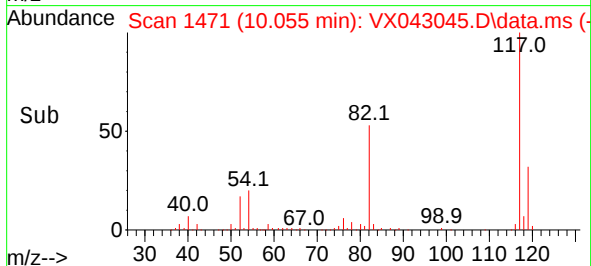
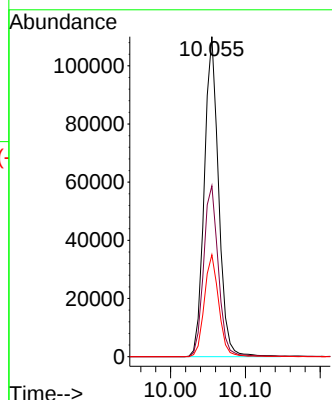
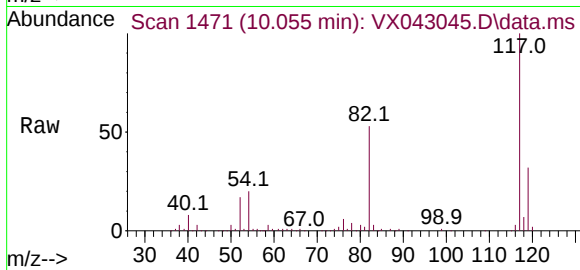
Tgt Ion:117 Resp: 146392

Ion Ratio Lower Upper

117 100

82 53.4 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 2.398 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Tgt Ion:164 Resp: 2266

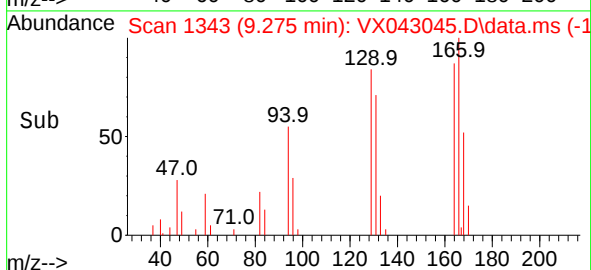
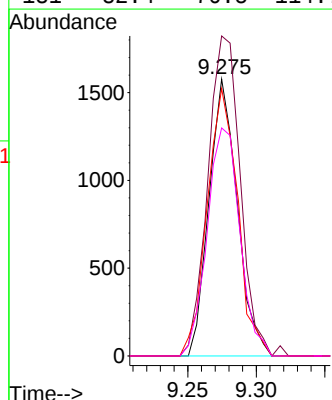
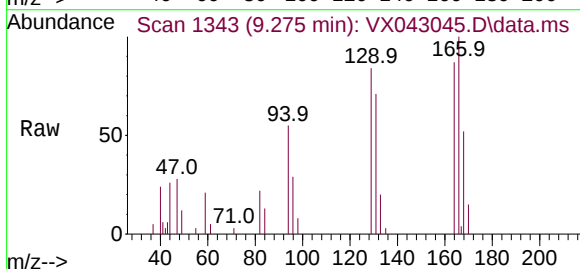
Ion Ratio Lower Upper

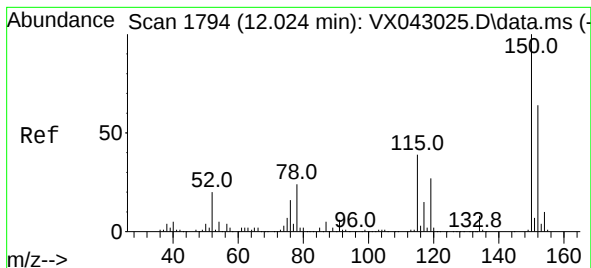
164 100

166 115.6 102.7 154.1

129 96.6 80.4 120.6

131 82.4 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043045.D

Acq: 14 Aug 2024 20:37

Instrument :

MSVOA_X

ClientSampleId :

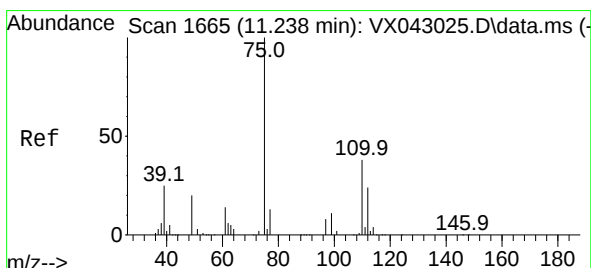
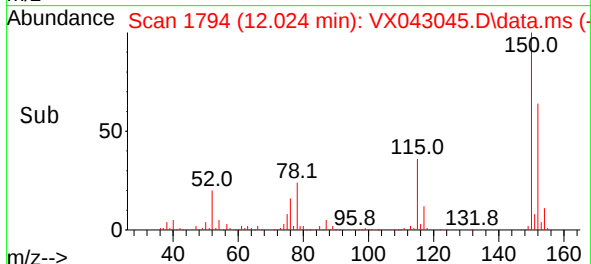
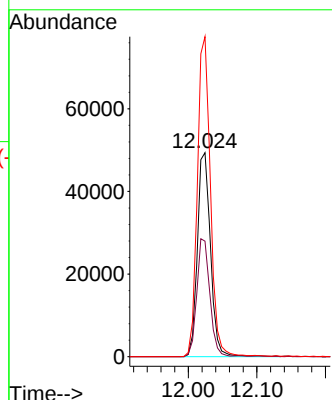
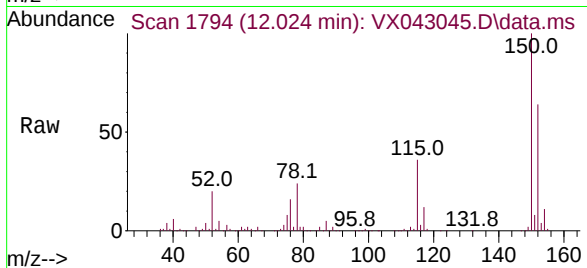
Tgt Ion:152 Resp: 65918

Ion Ratio Lower Upper

152 100

115 57.2 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.613 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043045.D

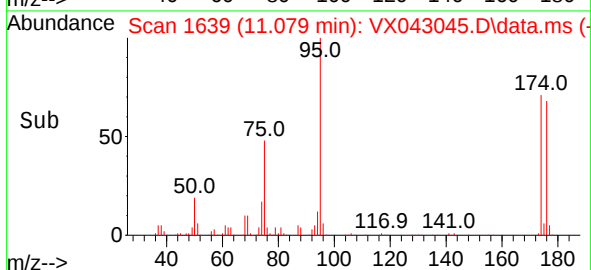
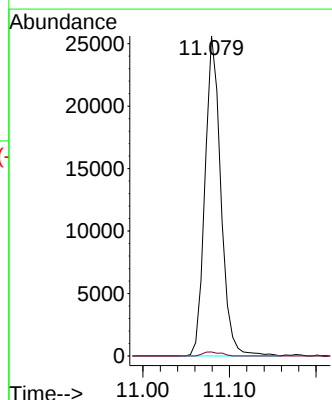
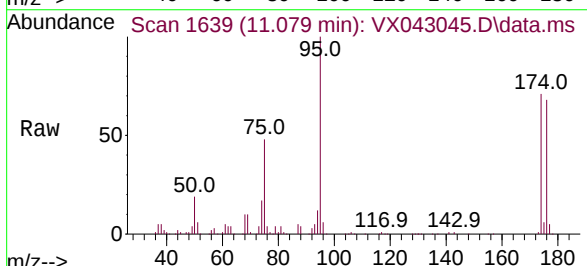
Acq: 14 Aug 2024 20:37

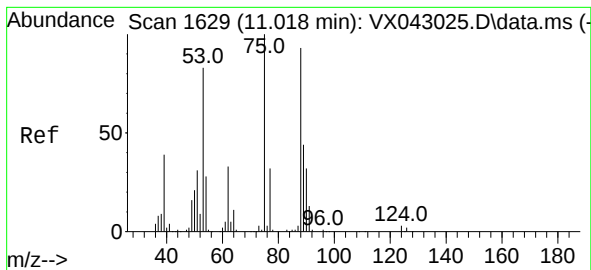
Tgt Ion: 75 Resp: 32651

Ion Ratio Lower Upper

75 100

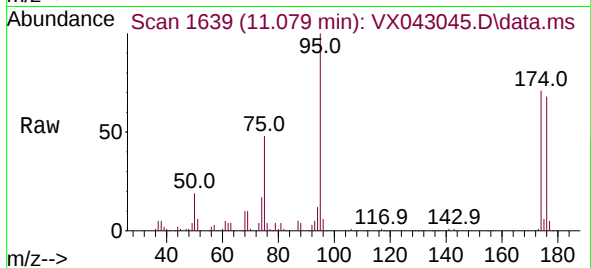
77 1.4 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 47.142 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043045.D
Acq: 14 Aug 2024 20:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 32651
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

