

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043978.D
 Acq On : 25 Nov 2024 11:55
 Operator : JC/MD
 Sample : VX1125MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBL01

Quant Time: Nov 27 07:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	114393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	101006	51.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.960%
35) Dibromofluoromethane	5.379	113	74906	47.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	8.647	98	267140	49.608	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	87309	47.640	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.280%

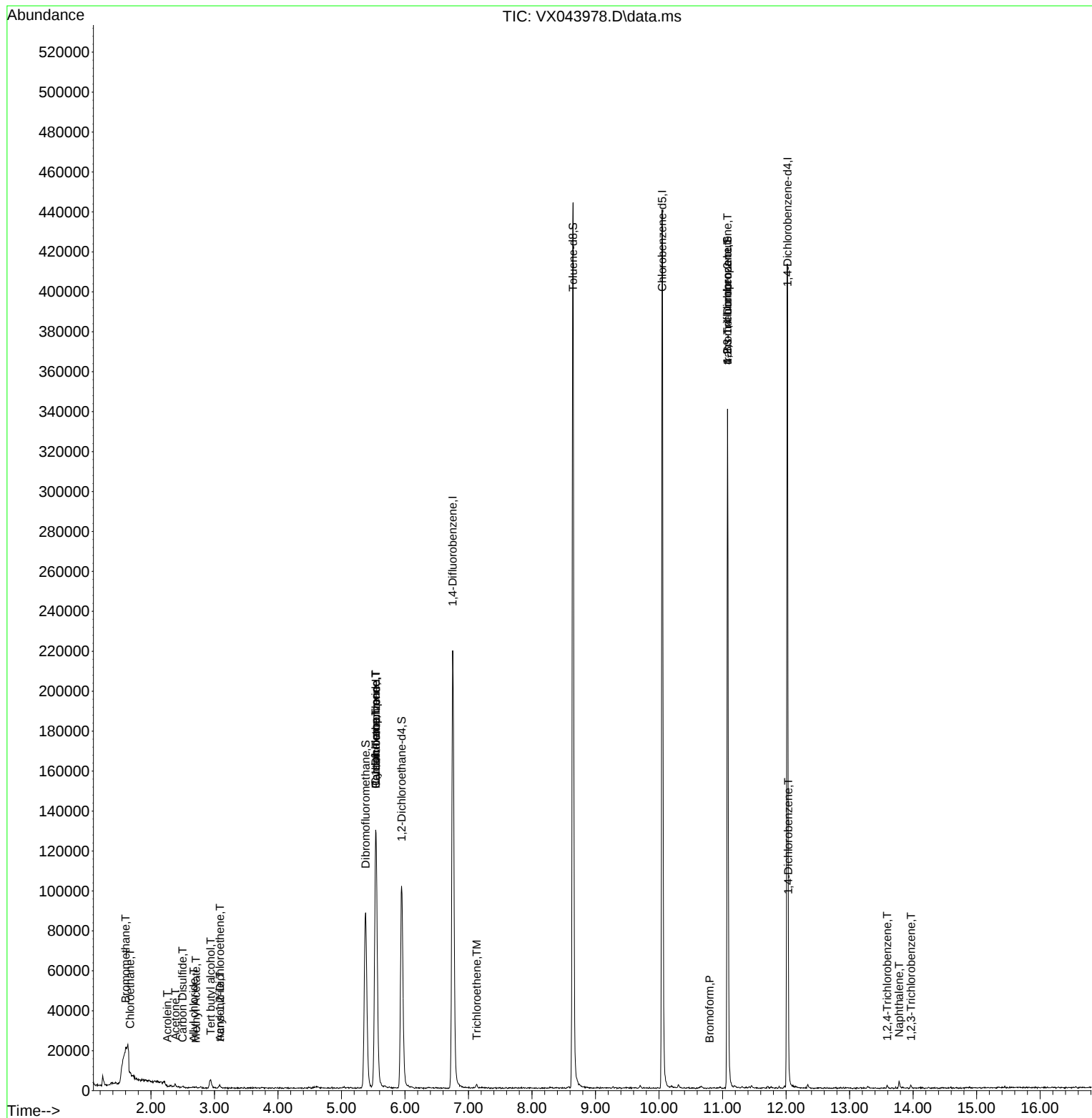
Target Compounds						Qvalue
5) Bromomethane	1.599	94	718	0.720	ug/l #	75
6) Chloroethane	1.672	64	207	0.209	ug/l	92
11) Tert butyl alcohol	2.941	59	2701	8.577	ug/l #	73
13) Acrolein	2.258	56	250	0.753	ug/l #	13
14) Allyl chloride	2.672	41	462	0.215	ug/l #	21
15) Acrylonitrile	3.087	53	510	0.665	ug/l #	78
16) Acetone	2.386	43	1099	1.220	ug/l #	75
17) Carbon Disulfide	2.495	76	1009	0.371	ug/l #	76
18) Methyl Acetate	2.709	43	639	0.304	ug/l #	61
21) trans-1,2-Dichloroethene	3.087	96	347	0.255	ug/l #	21
31) Cyclohexane	5.538	56	3291	1.505	ug/l #	30
36) 1,1-Dichloropropene	5.538	75	11138	5.722	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13844	6.329	ug/l #	16
44) Trichloroethene	7.129	130	523	0.305	ug/l	82
71) Bromoform	10.799	173	31	1.235	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	49489	27.561	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49489	75.207	ug/l #	7
88) 1,4-Dichlorobenzene	12.036	146	721	0.259	ug/l #	26
93) 1,2,4-Trichlorobenzene	13.591	180	500	0.307	ug/l #	87
95) Naphthalene	13.780	128	2933	0.501	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	405	0.246	ug/l	93

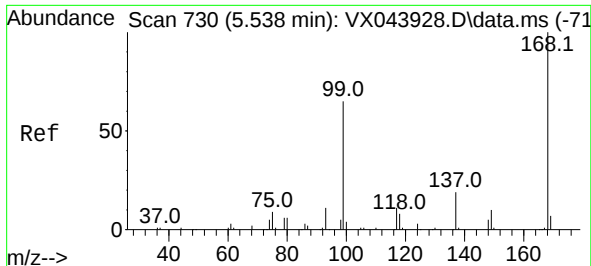
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX1125MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

Quant Time: Nov 27 07:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

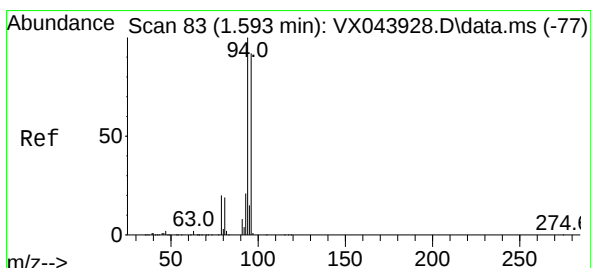
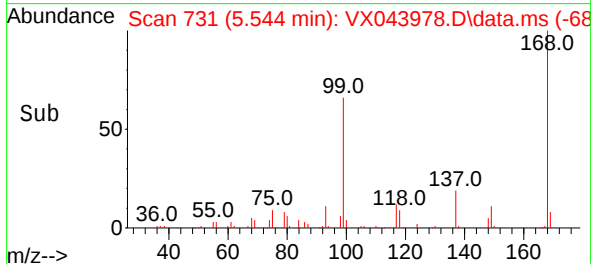
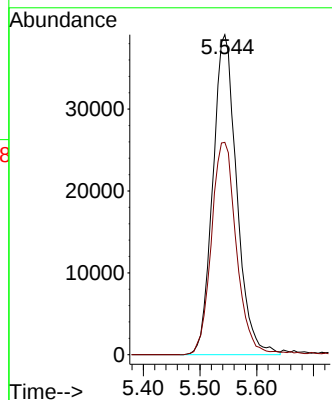
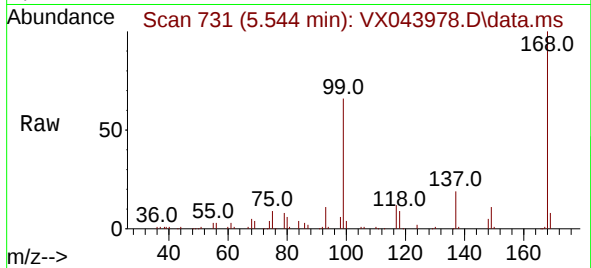




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

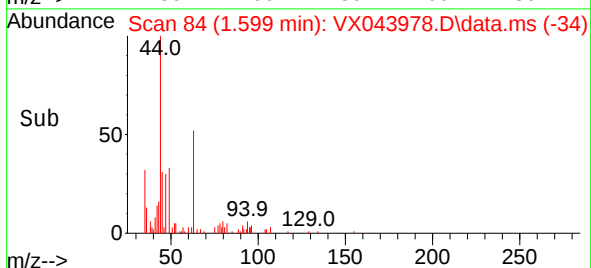
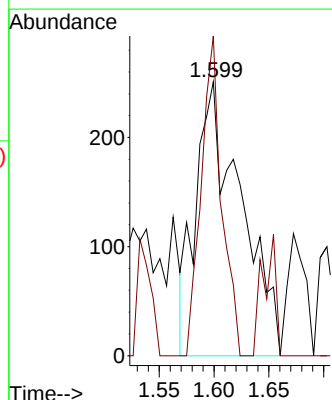
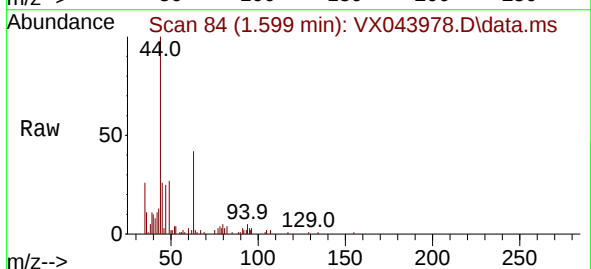
Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

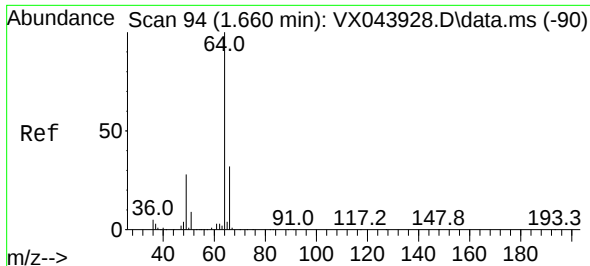
Tgt Ion:168 Resp: 114393
Ion Ratio Lower Upper
168 100
99 66.3 51.8 77.8



#5
Bromomethane
Concen: 0.720 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 116.7 73.9 110.9#

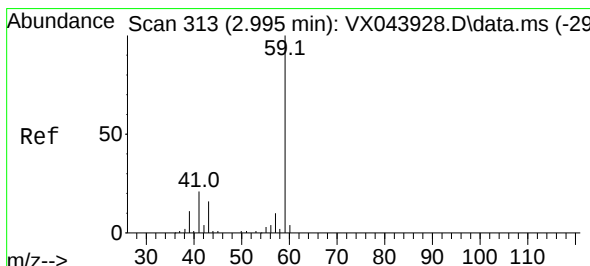
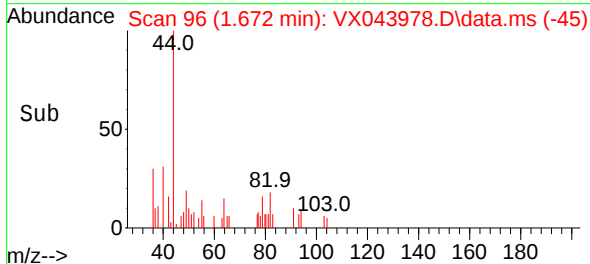
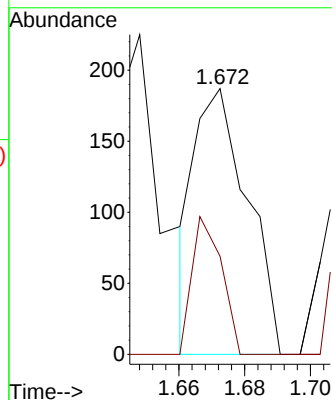
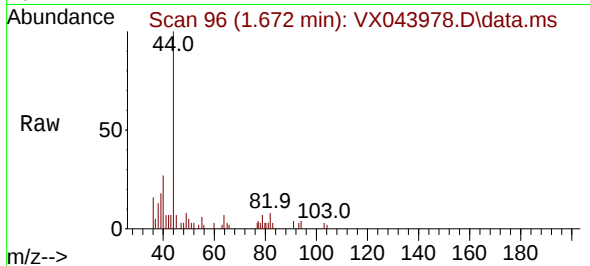




#6
Chloroethane
Concen: 0.209 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

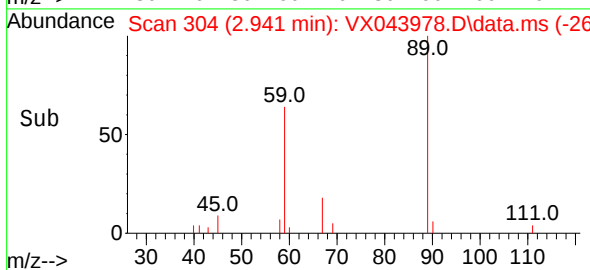
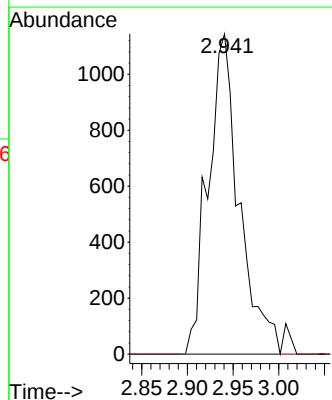
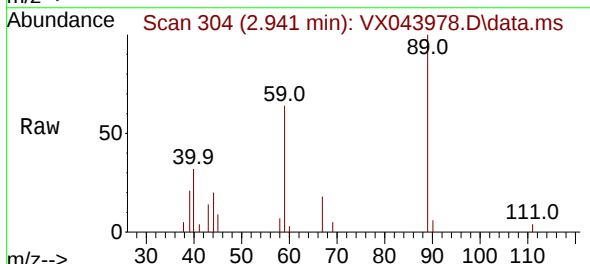
Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

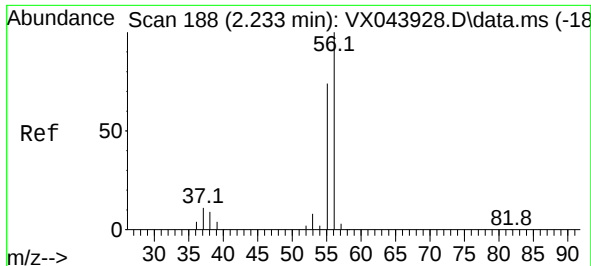
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 36.9 25.9 38.9



#11
Tert butyl alcohol
Concen: 8.577 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion: 59 Resp: 2701
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

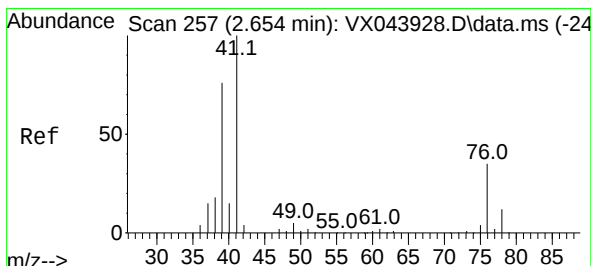
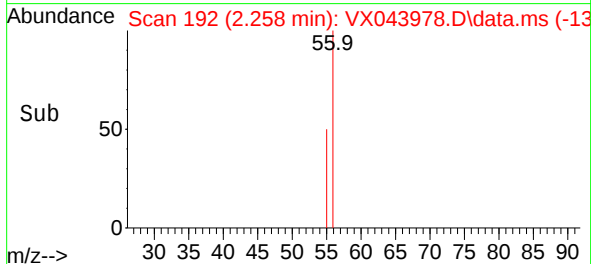
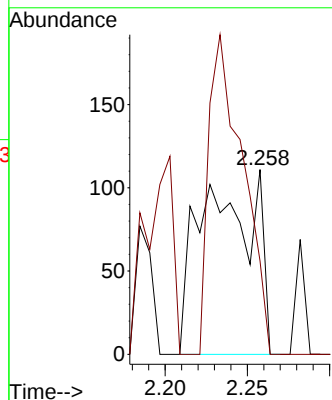
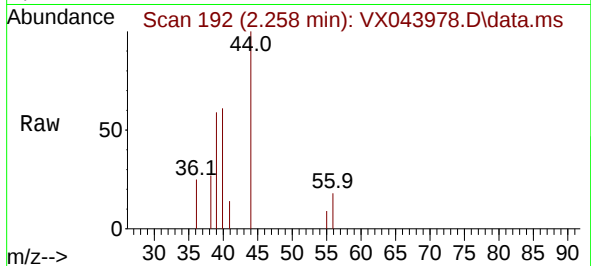




#13
Acrolein
Concen: 0.753 ug/l
RT: 2.258 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

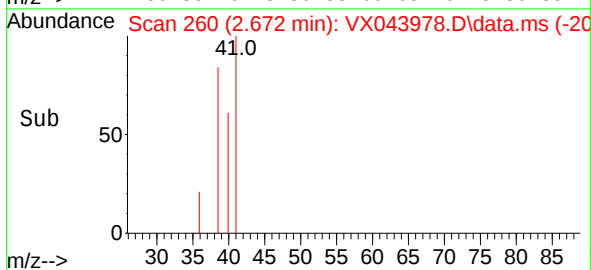
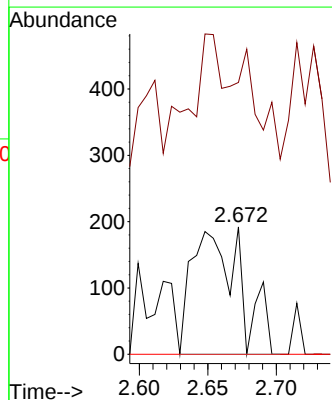
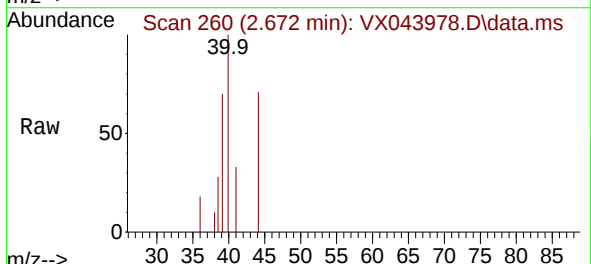
Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

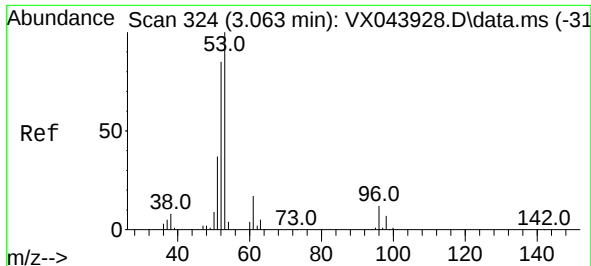
Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#14
Allyl chloride
Concen: 0.215 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.018 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion: 41 Resp: 462
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
76 0.0 27.4 41.2#





#15

Acrylonitrile

Concen: 0.665 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.024 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01

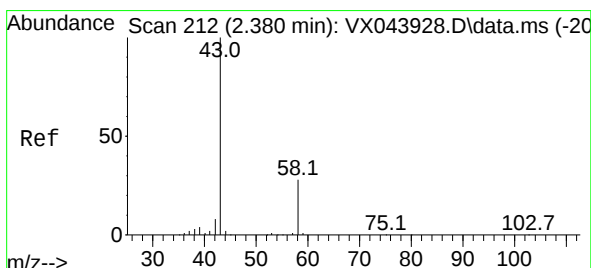
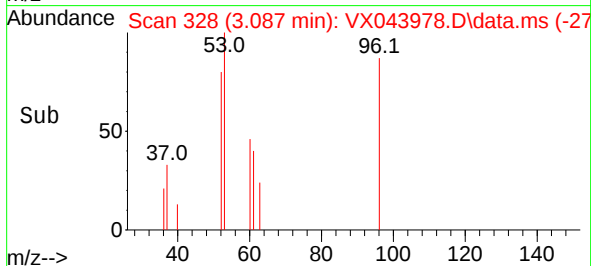
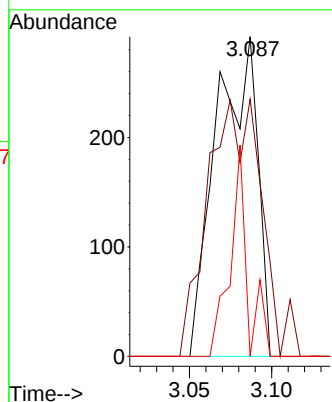
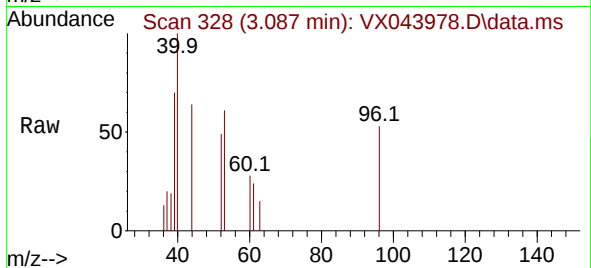
Tgt Ion: 53 Resp: 510

Ion Ratio Lower Upper

53 100

52 104.9 66.5 99.7#

51 27.5 30.2 45.4#



#16

Acetone

Concen: 1.220 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043978.D

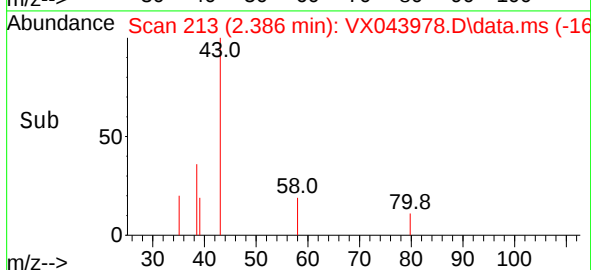
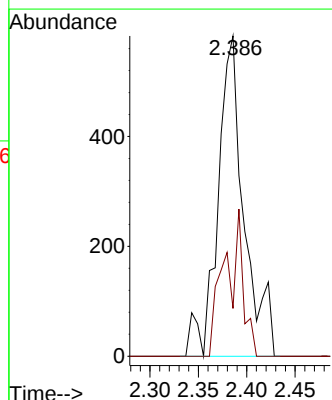
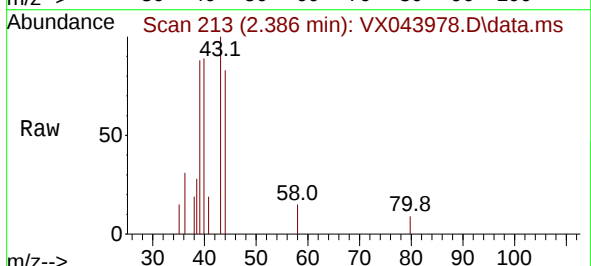
Acq: 25 Nov 2024 11:55

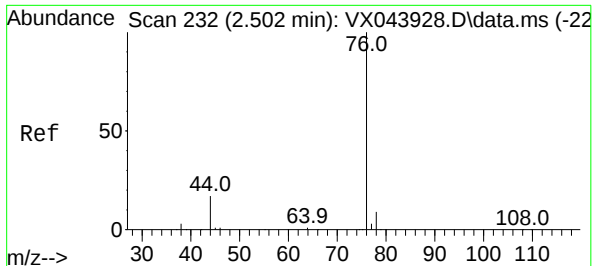
Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

58 14.9 22.7 34.1#





#17

Carbon Disulfide

Concen: 0.371 ug/l

RT: 2.495 min Scan# 24

Delta R.T. -0.006 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

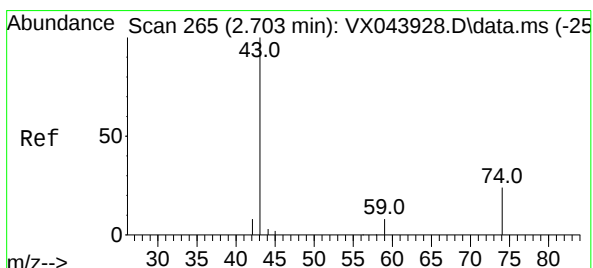
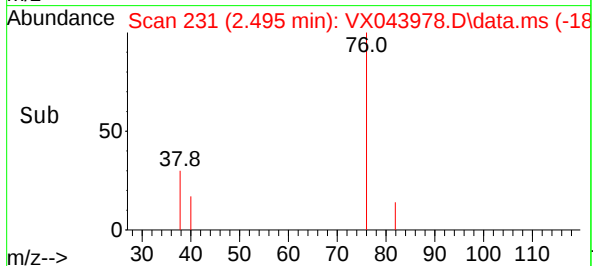
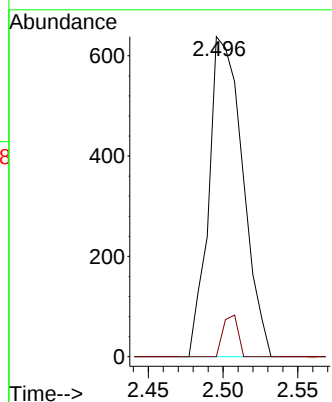
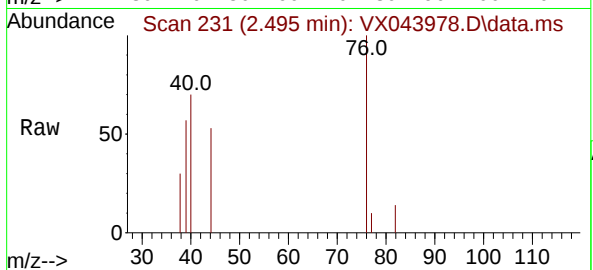
VX1125MBL01

Tgt Ion: 76 Resp: 1009

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.304 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX043978.D

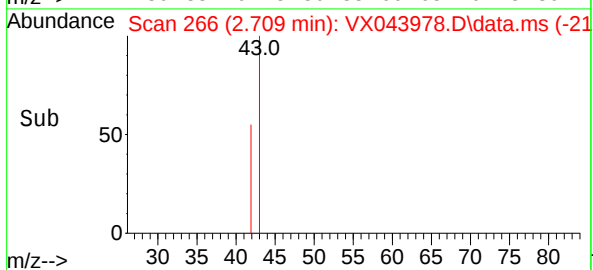
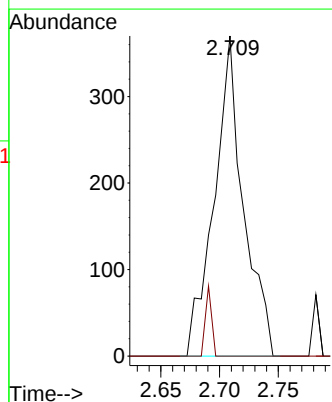
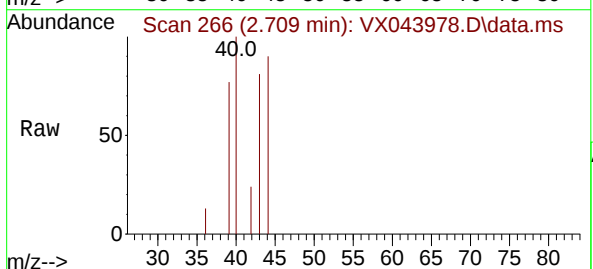
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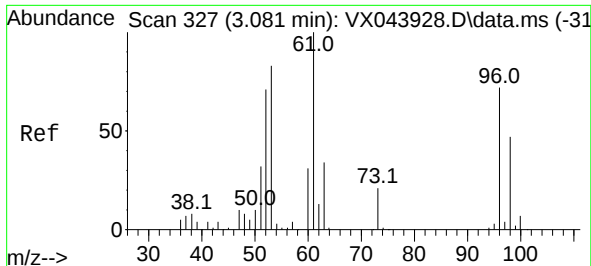
Tgt Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

74 4.7 18.9 28.3#

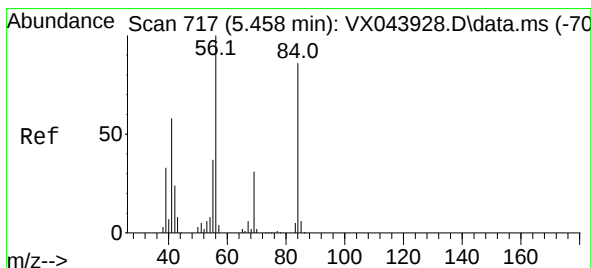
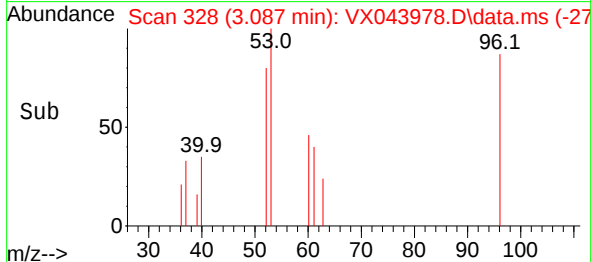
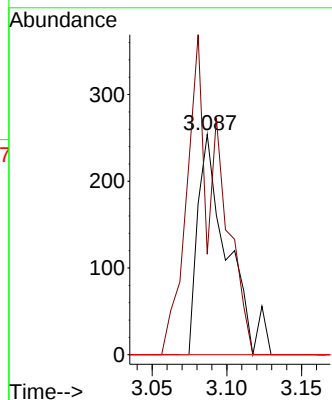
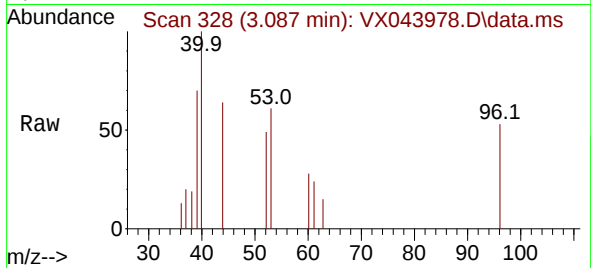




#21
trans-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

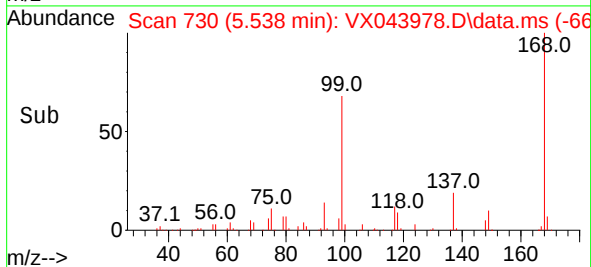
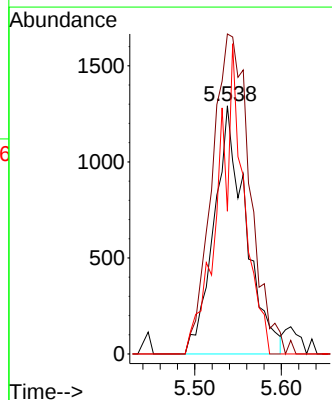
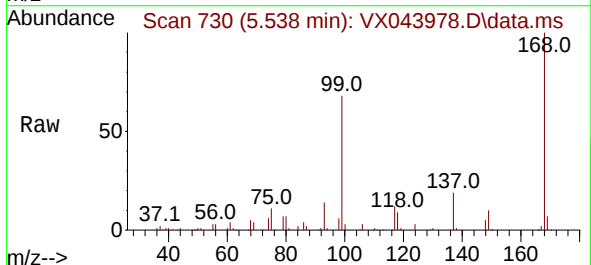
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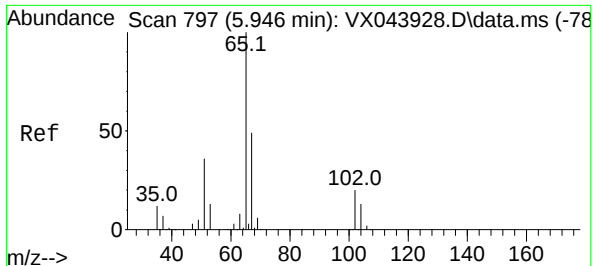
Tgt Ion: 96 Resp: 347
Ion Ratio Lower Upper
96 100
61 45.7 111.8 167.6#
98 0.0 52.7 79.1#



#31
Cyclohexane
Concen: 1.505 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion: 56 Resp: 3291
Ion Ratio Lower Upper
56 100
69 128.9 24.7 37.1#
84 57.5 68.7 103.1#

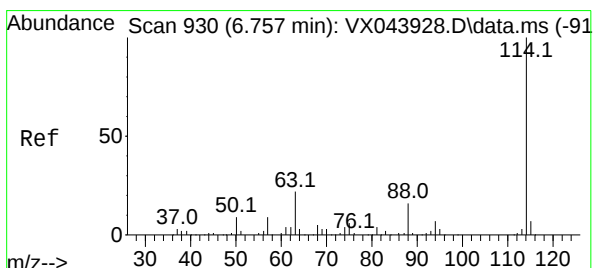
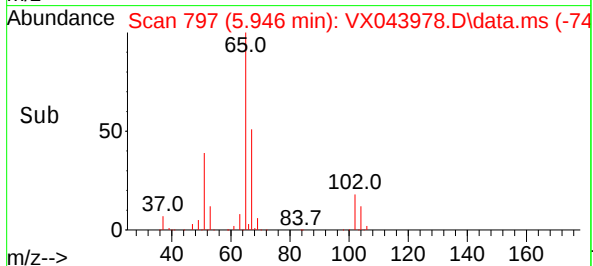
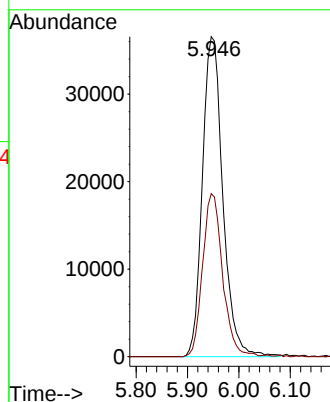
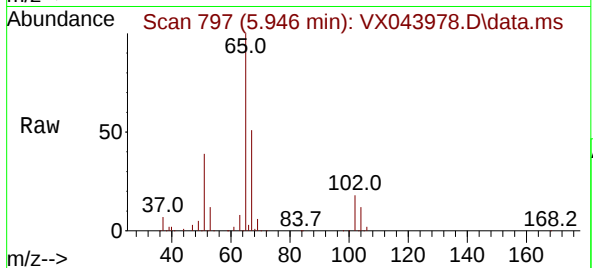




#33
1,2-Dichloroethane-d4
Concen: 51.480 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

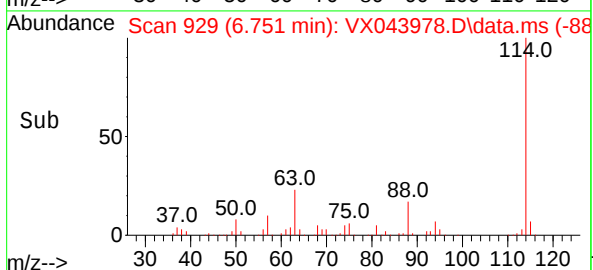
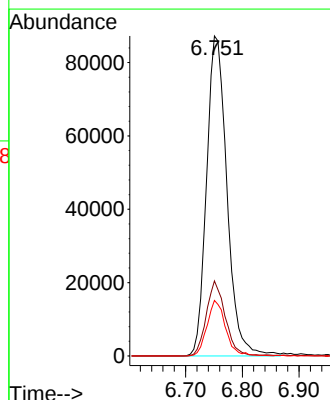
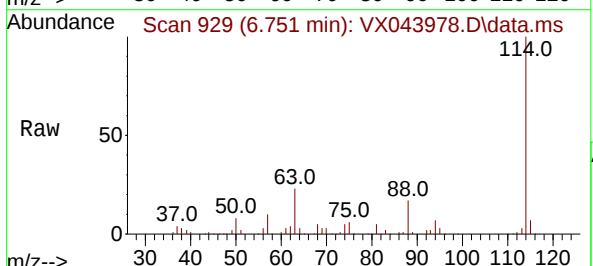
Instrument :
MSVOA_X
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VX1125MBL01

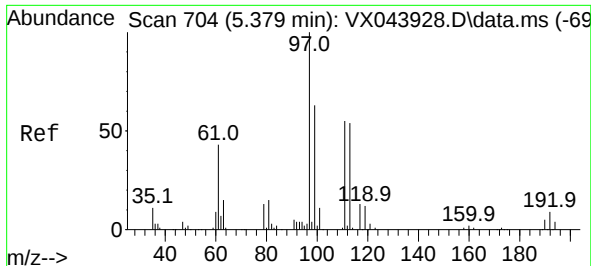
Tgt Ion: 65 Resp: 101006
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion:114 Resp: 218626
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.0
88 17.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.949 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043978.D

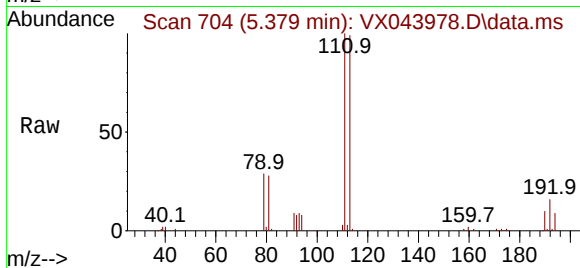
Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01



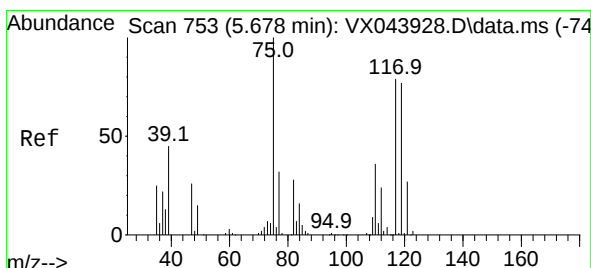
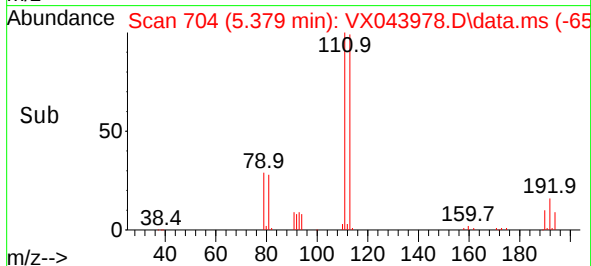
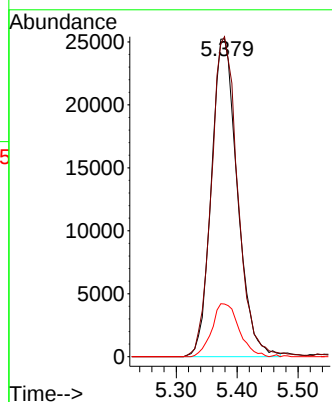
Tgt Ion:113 Resp: 74906

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

192 17.3 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.722 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.140 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

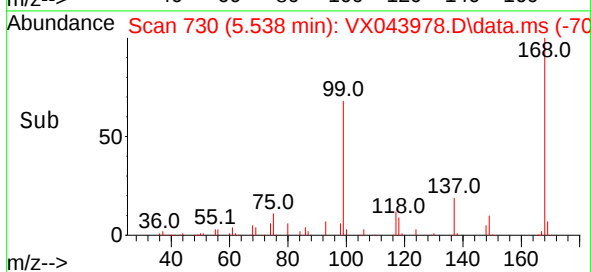
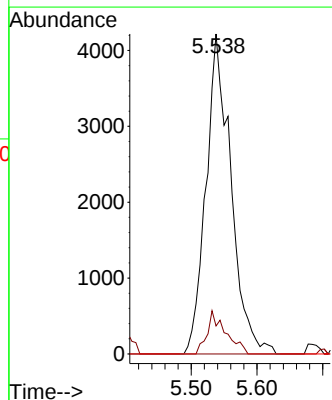
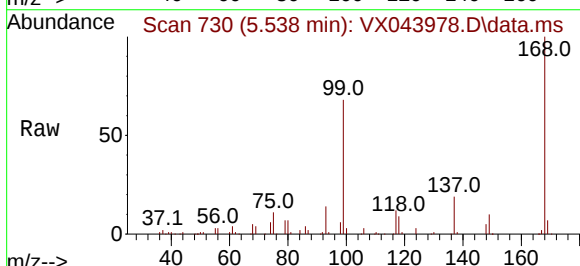
Tgt Ion: 75 Resp: 11138

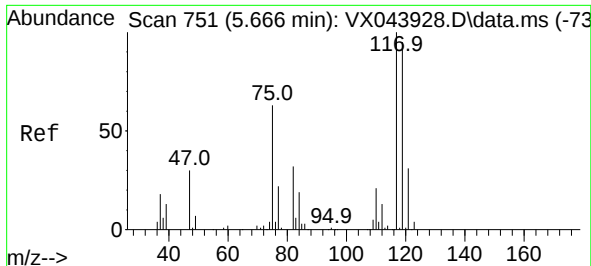
Ion Ratio Lower Upper

75 100

110 10.0 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.329 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX043978.D

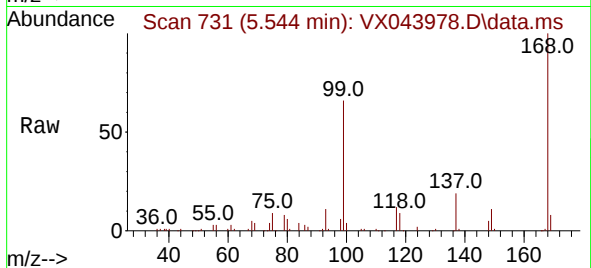
Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01



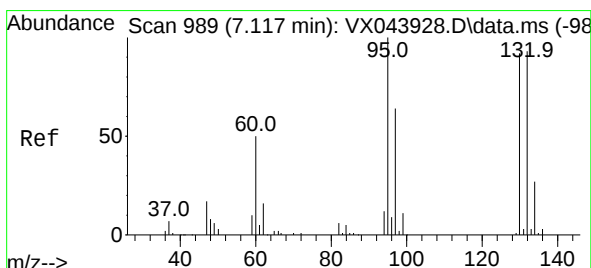
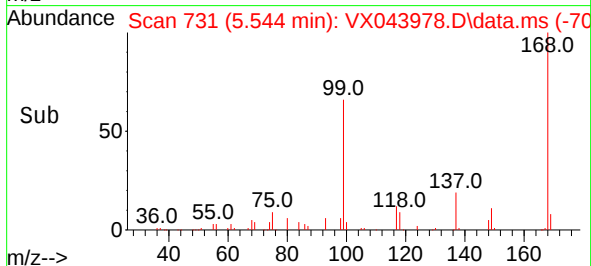
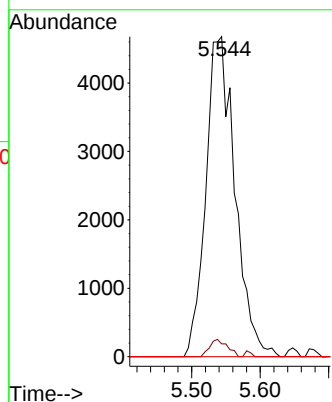
Tgt Ion:117 Resp: 13844

Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.5 36.7#



#44

Trichloroethene

Concen: 0.305 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX043978.D

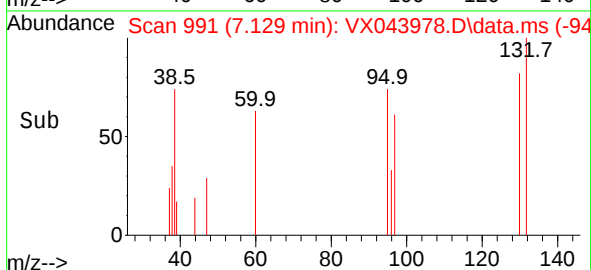
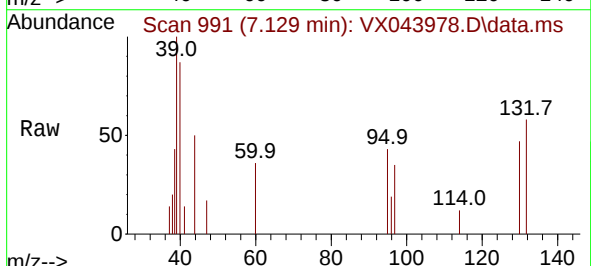
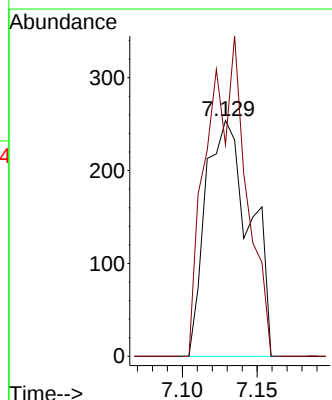
Acq: 25 Nov 2024 11:55

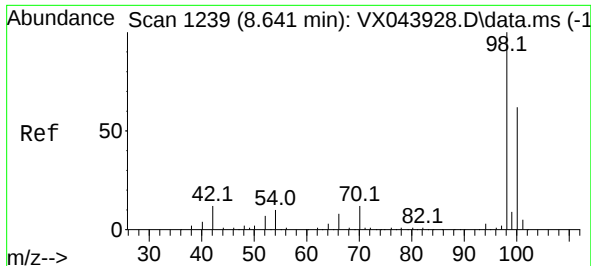
Tgt Ion:130 Resp: 523

Ion Ratio Lower Upper

130 100

95 89.8 0.0 217.8

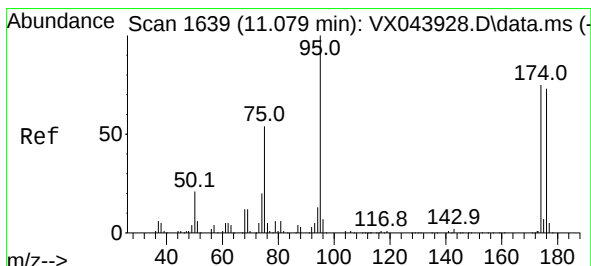
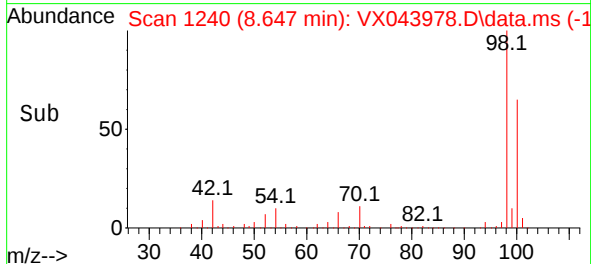
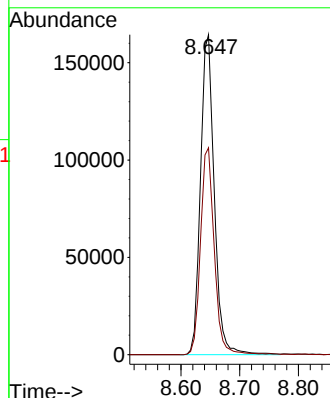
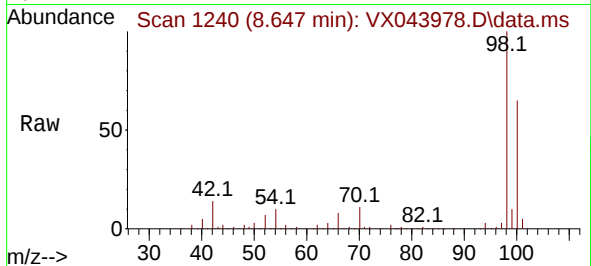




#50
Toluene-d8
Concen: 49.608 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

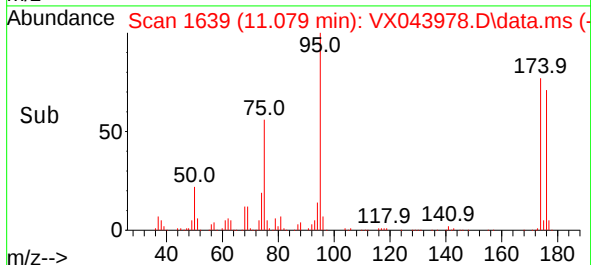
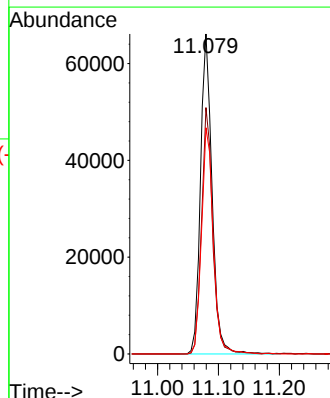
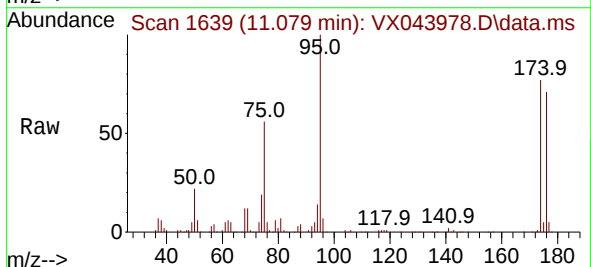
Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

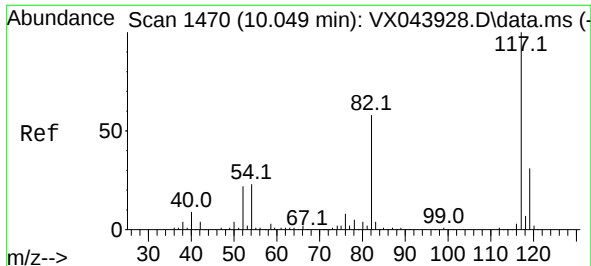
Tgt Ion: 98 Resp: 267140
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 47.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion: 95 Resp: 87309
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.4
176 72.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01

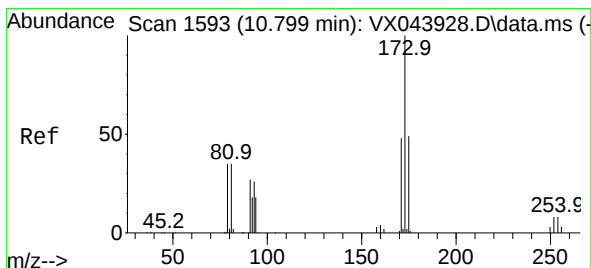
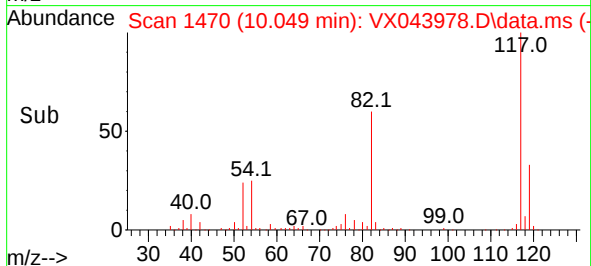
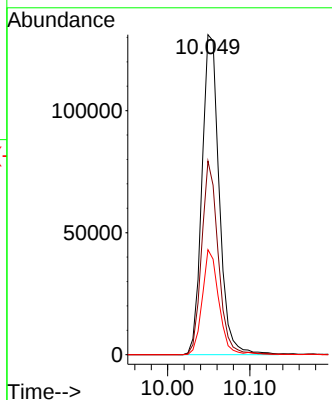
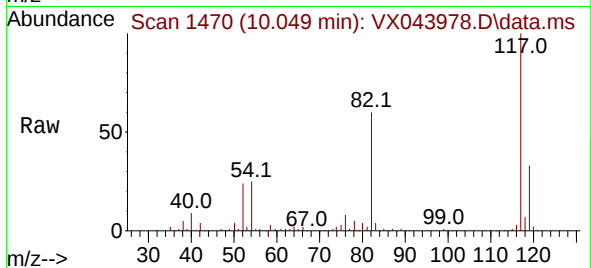
Tgt Ion:117 Resp: 191407

Ion Ratio Lower Upper

117 100

82 60.5 46.4 69.6

119 32.8 24.6 37.0



#71

Bromoform

Concen: 1.235 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

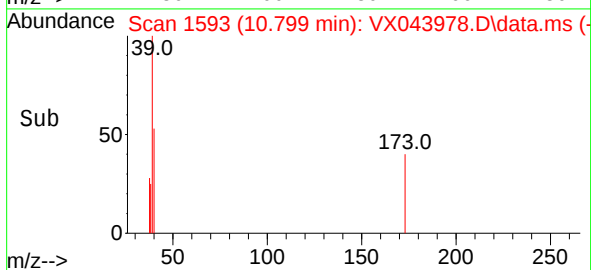
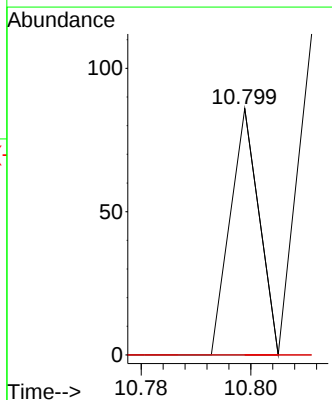
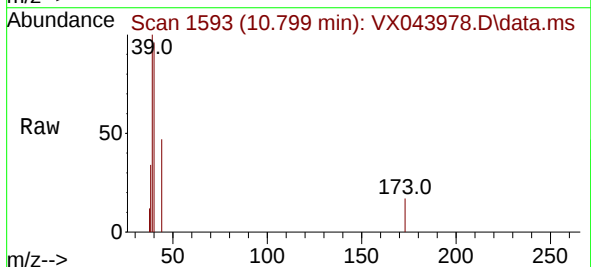
Tgt Ion:173 Resp: 31

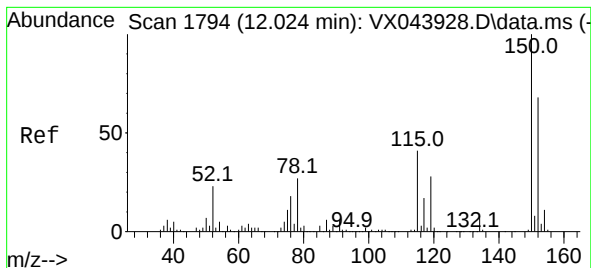
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01

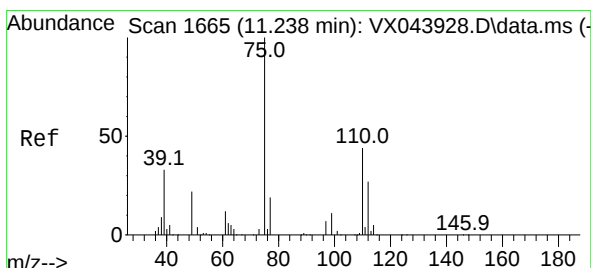
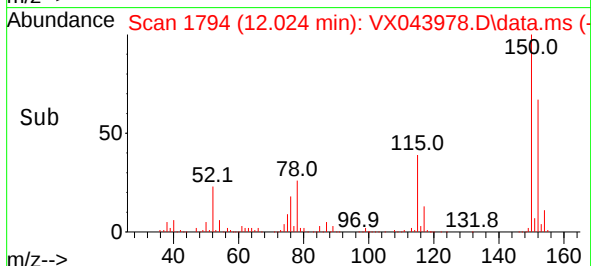
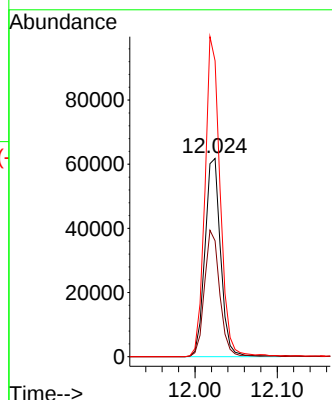
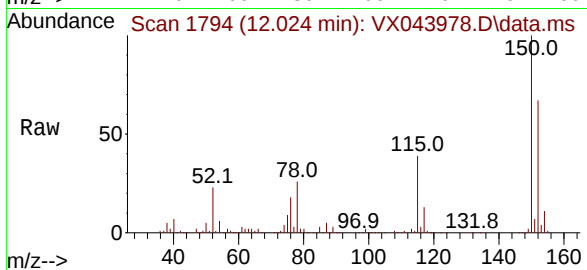
Tgt Ion:152 Resp: 81880

Ion Ratio Lower Upper

152 100

115 61.9 45.4 136.2

150 156.3 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 27.561 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043978.D

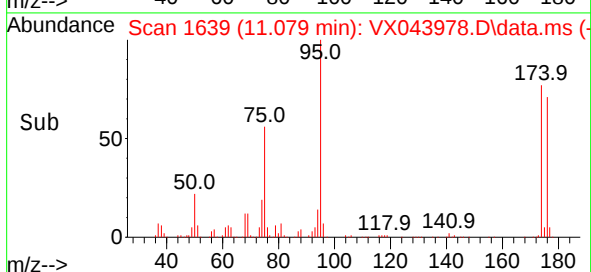
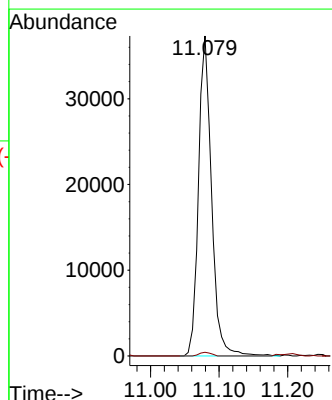
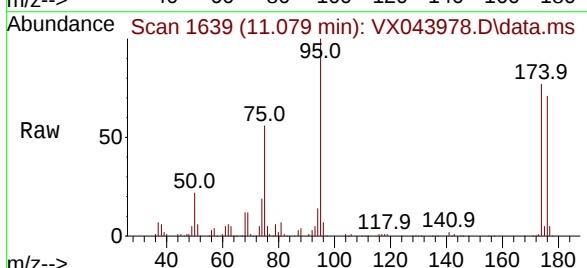
Acq: 25 Nov 2024 11:55

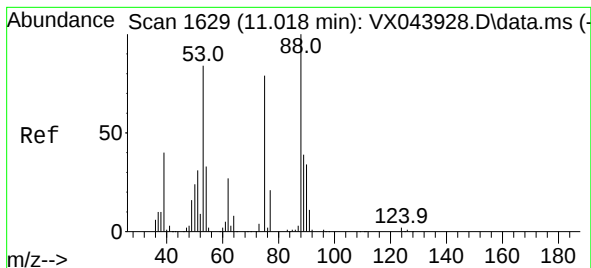
Tgt Ion: 75 Resp: 49489

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#

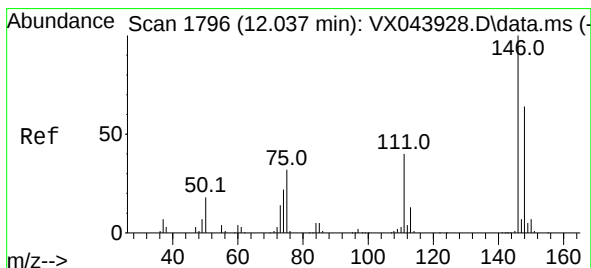
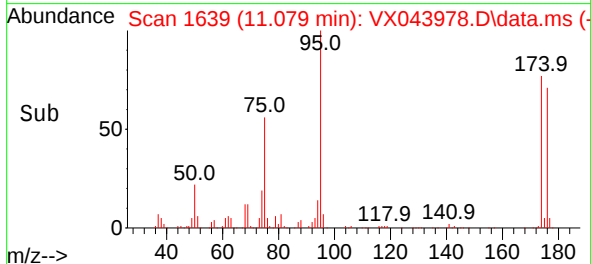
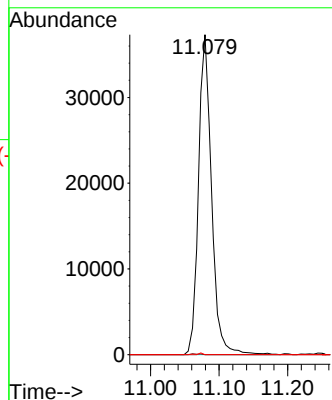
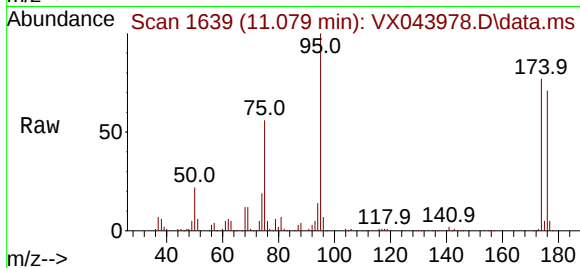




#81
trans-1,4-Dichloro-2-butene
Concen: 75.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

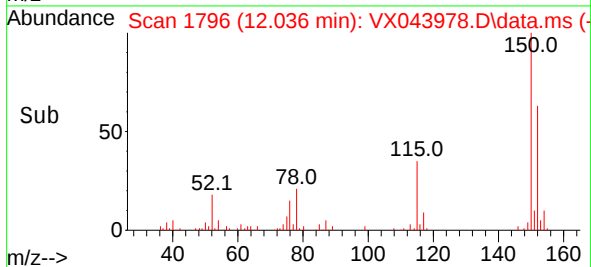
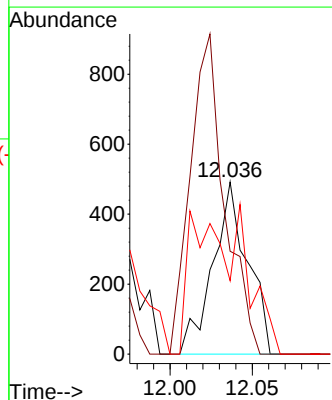
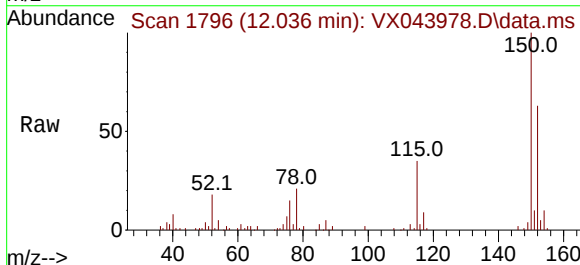
Instrument :
MSVOA_X
ClientSampleId :
VX1125MBL01

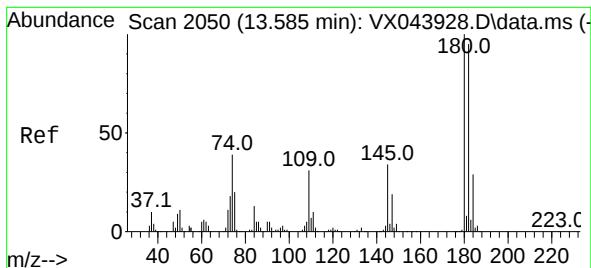
Tgt Ion: 75 Resp: 49489
Ion Ratio Lower Upper
75 100
53 0.2 86.7 130.1#
89 0.1 38.2 57.2#



#88
1,4-Dichlorobenzene
Concen: 0.259 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX043978.D
Acq: 25 Nov 2024 11:55

Tgt Ion:146 Resp: 721
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 0.0 30.9 92.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.307 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01

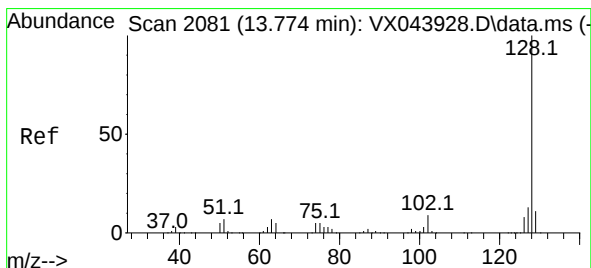
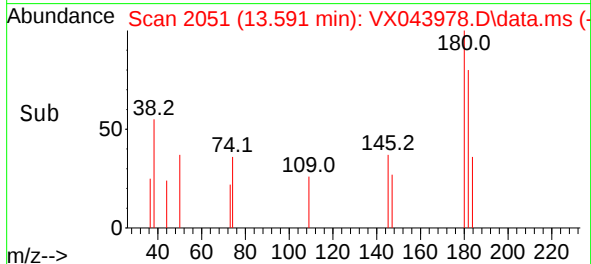
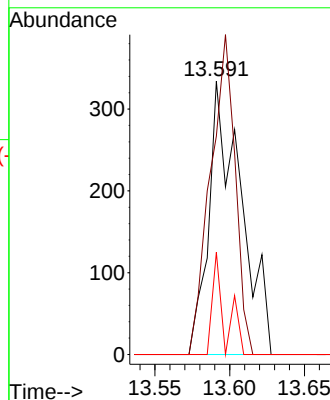
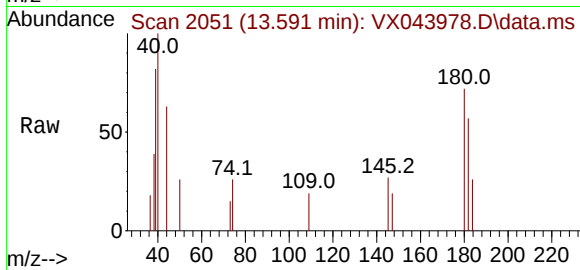
Tgt Ion:180 Resp: 500

Ion Ratio Lower Upper

180 100

182 90.0 48.0 144.2

145 14.4 16.8 50.4#



#95

Naphthalene

Concen: 0.501 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043978.D

Acq: 25 Nov 2024 11:55

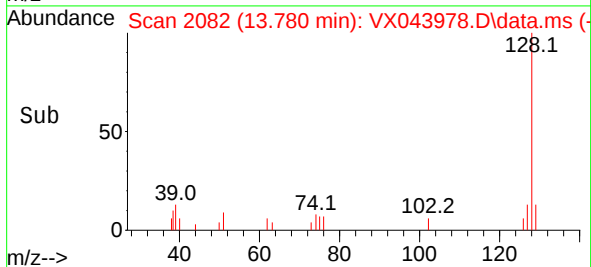
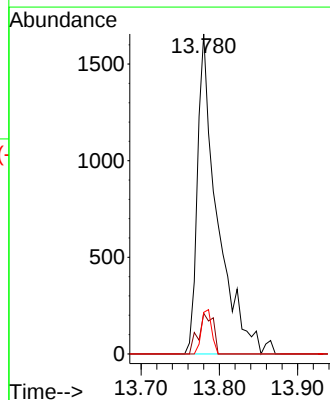
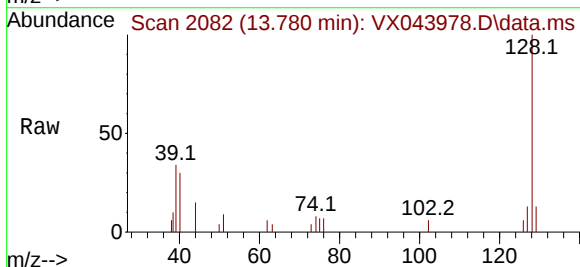
Tgt Ion:128 Resp: 2933

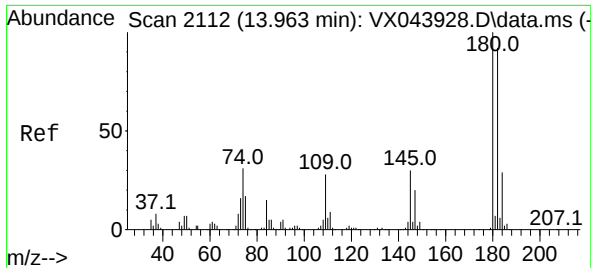
Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.2#

129 7.1 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.246 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043978.D

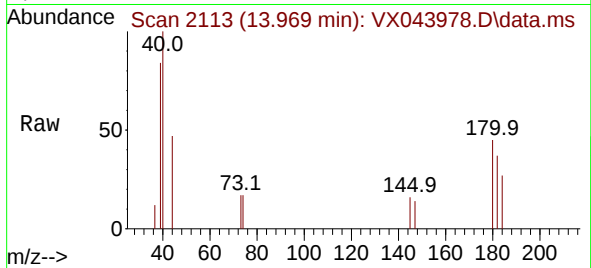
Acq: 25 Nov 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX1125MBL01



Tgt Ion:180 Resp: 405

Ion Ratio Lower Upper

180 100

182 98.8 45.6 136.8

145 36.0 16.4 49.4

