

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043655.D
 Acq On : 01 Nov 2024 10:52
 Operator : JC/MD
 Sample : VX1101MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 06:08:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

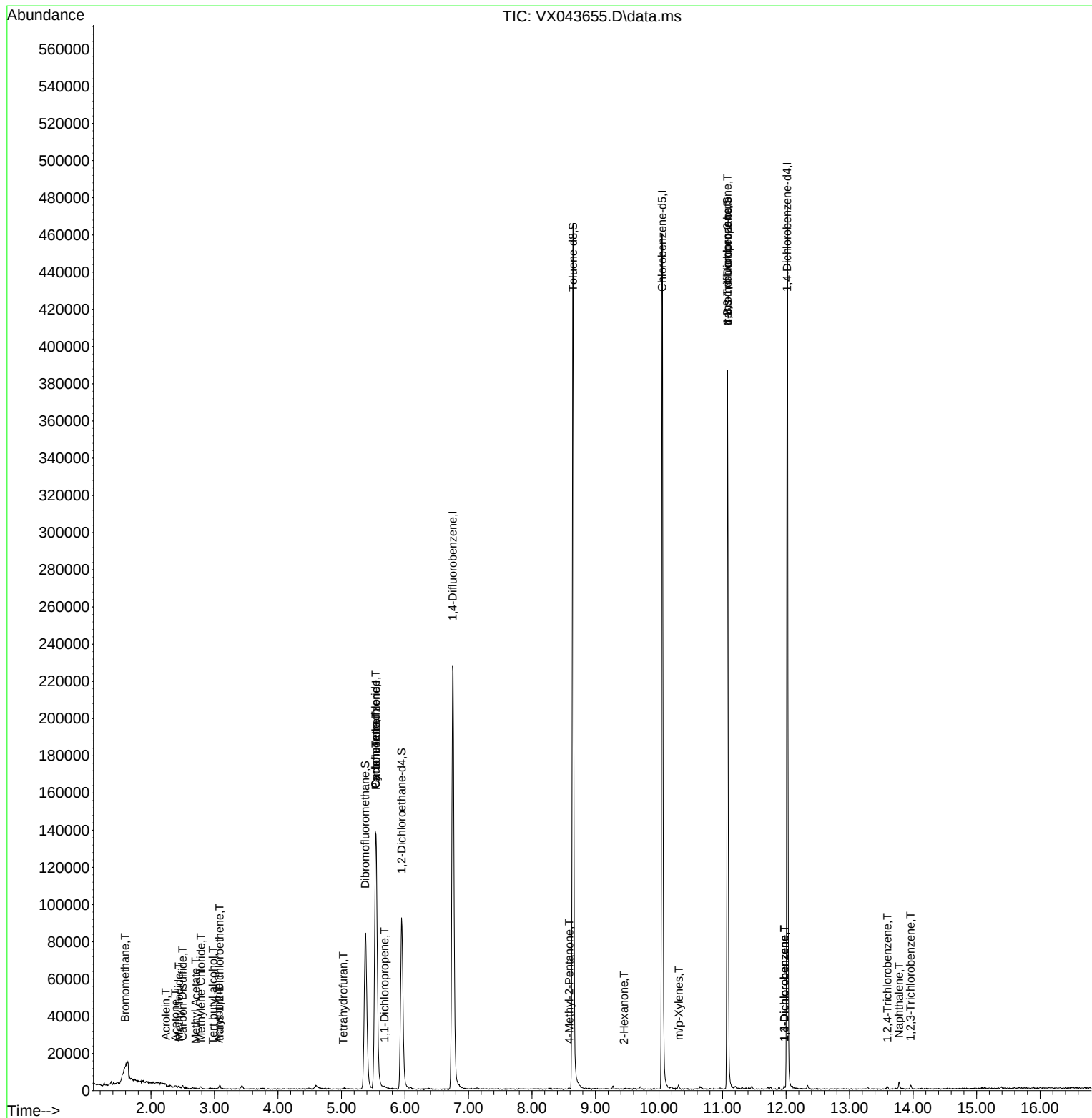
Internal Standards						
1) Pentafluorobenzene	5.544	168	140092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	224850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87778	39.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.600%
35) Dibromofluoromethane	5.373	113	76336	44.453	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.900%
50) Toluene-d8	8.647	98	296427	49.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	106060	48.150	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	459	0.633	ug/l #	61
10) Methyl Iodide	2.441	142	525	0.247	ug/l #	86
11) Tert butyl alcohol	2.977	59	238	0.571	ug/l #	100
13) Acrolein	2.233	56	239	0.733	ug/l #	36
15) Acrylonitrile	3.068	53	597	0.634	ug/l	96
16) Acetone	2.386	43	1198	1.351	ug/l #	64
17) Carbon Disulfide	2.495	76	1711	0.545	ug/l #	84
18) Methyl Acetate	2.703	43	849	0.327	ug/l #	71
20) Methylene Chloride	2.788	84	457	0.239	ug/l #	87
21) trans-1,2-Dichloroethene	3.081	96	649	0.409	ug/l #	72
29) Tetrahydrofuran	5.025	42	196	0.233	ug/l #	46
31) Cyclohexane	5.538	56	2677	1.135	ug/l #	1
36) 1,1-Dichloropropene	5.678	75	630	0.309	ug/l #	41
38) Carbon Tetrachloride	5.538	117	14074	6.255	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	626	0.251	ug/l	91
59) 2-Hexanone	9.451	43	486	0.257	ug/l #	24
68) m/p-Xylenes	10.311	106	638	0.211	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	52048	23.527	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	52048	64.723	ug/l #	7
87) 1,3-Dichlorobenzene	11.975	146	771	0.227	ug/l	96
88) 1,4-Dichlorobenzene	11.975	146	771	0.219	ug/l	97
93) 1,2,4-Trichlorobenzene	13.597	180	671	0.319	ug/l	93
95) Naphthalene	13.780	128	4040	0.501	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	874	0.394	ug/l	80

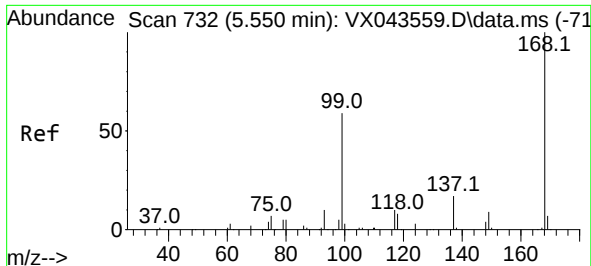
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
Data File : VX043655.D
Acq On : 01 Nov 2024 10:52
Operator : JC/MD
Sample : VX11101MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

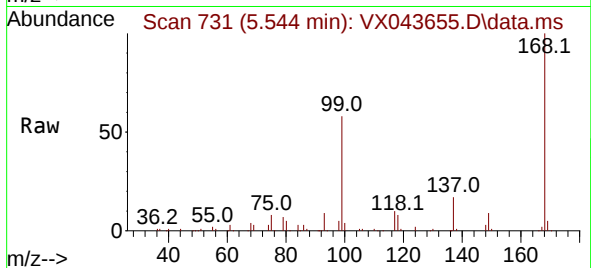
Quant Time: Nov 04 06:08:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



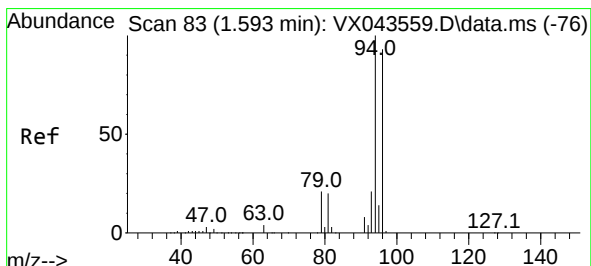
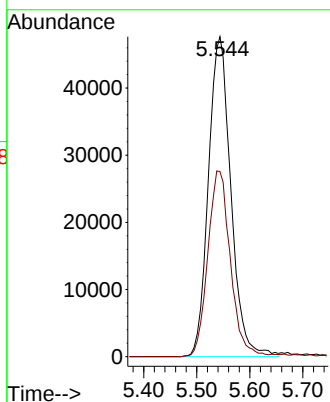
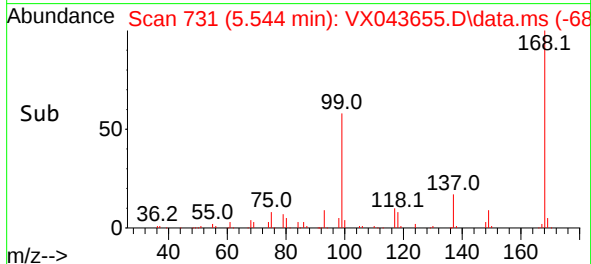


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :

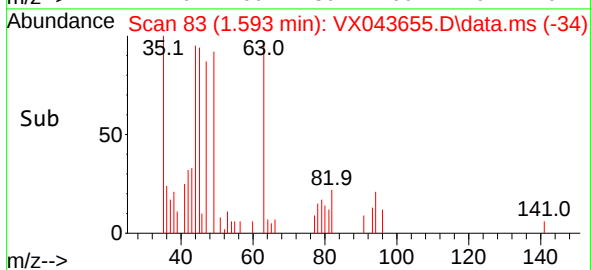
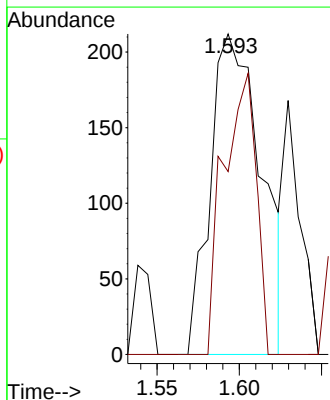
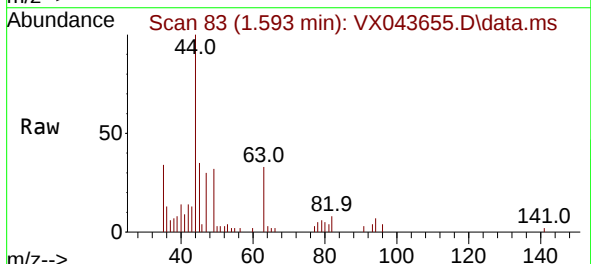


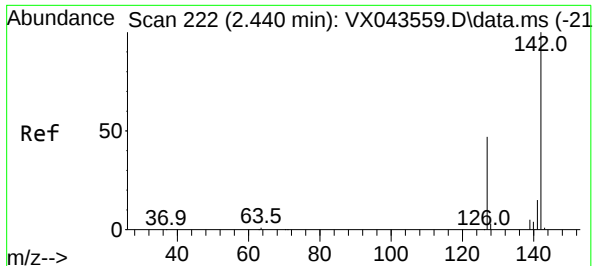
Tgt Ion:168 Resp: 140092
Ion Ratio Lower Upper
168 100
99 57.8 52.6 78.8



#5
Bromomethane
Concen: 0.633 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

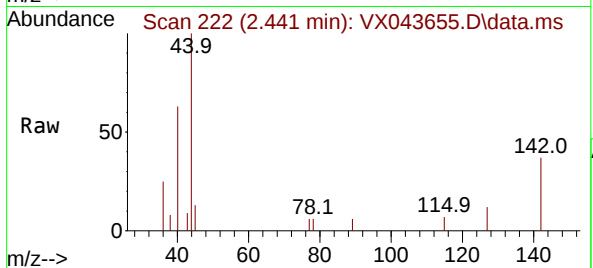
Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 57.1 75.9 113.9#



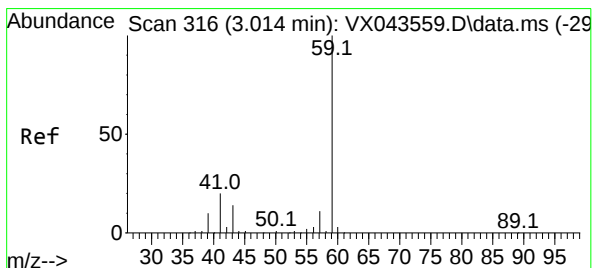
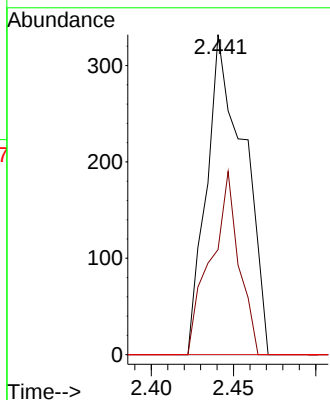
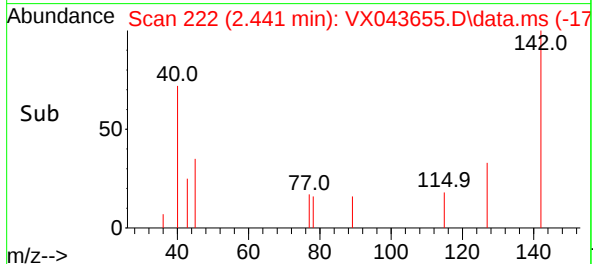


#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :

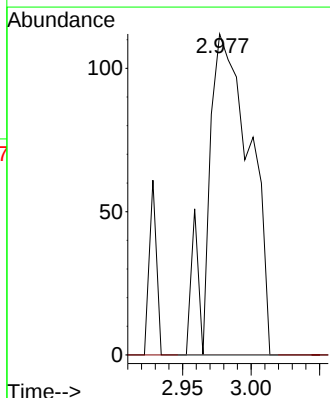
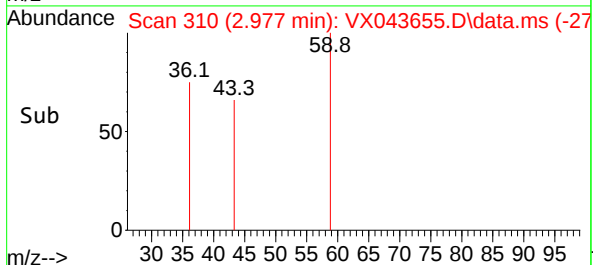
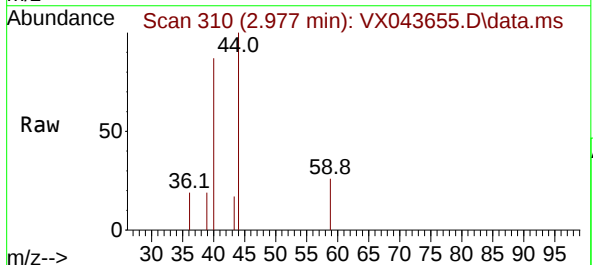


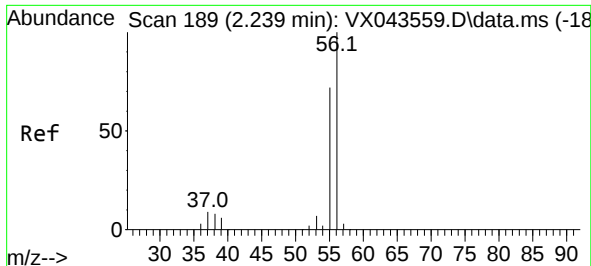
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 42.9 38.2 57.4
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.571 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.073 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

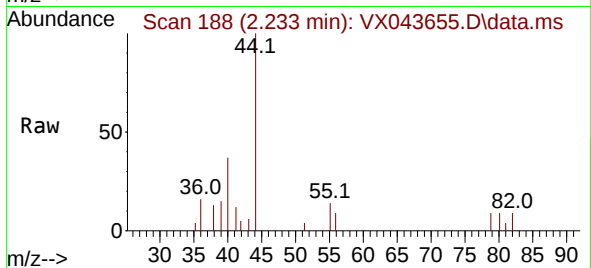
Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



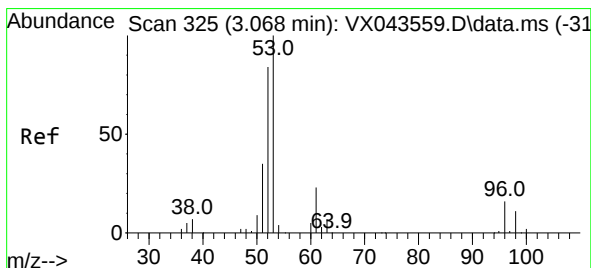
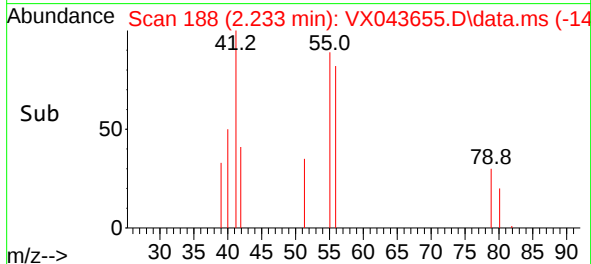
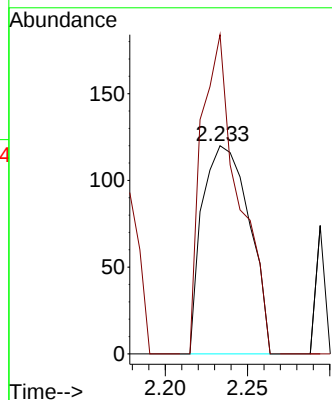


#13
Acrolein
Concen: 0.733 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :

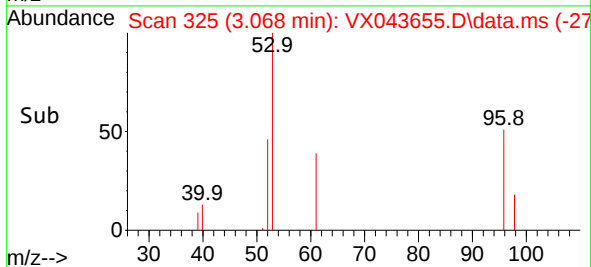
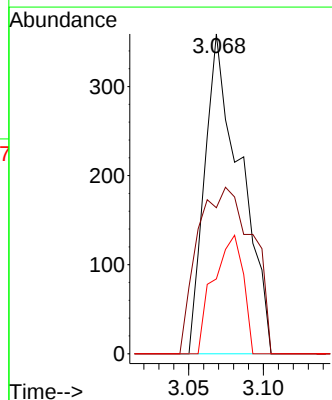
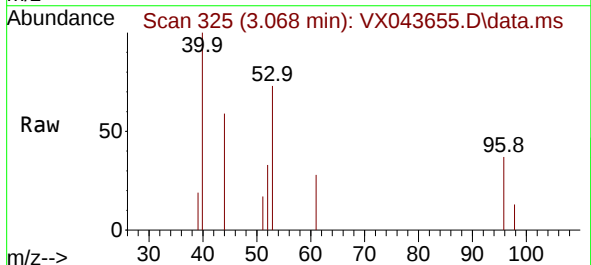


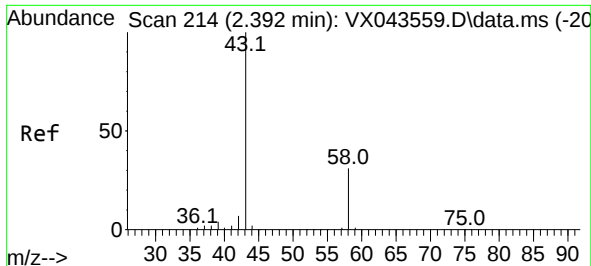
Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 121.3 55.3 82.9#



#15
Acrylonitrile
Concen: 0.634 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion: 53 Resp: 597
Ion Ratio Lower Upper
53 100
52 79.7 65.8 98.6
51 30.7 28.5 42.7

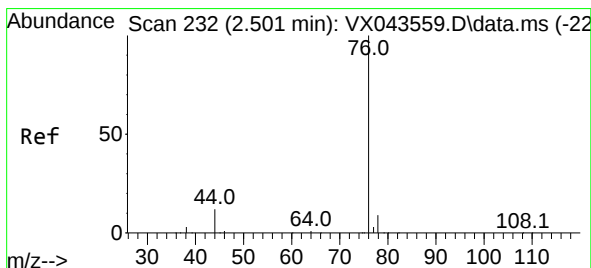
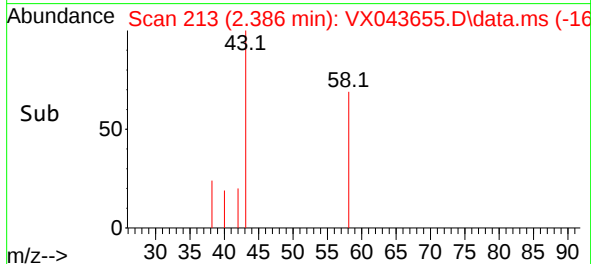
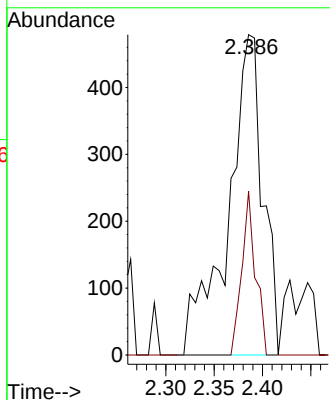
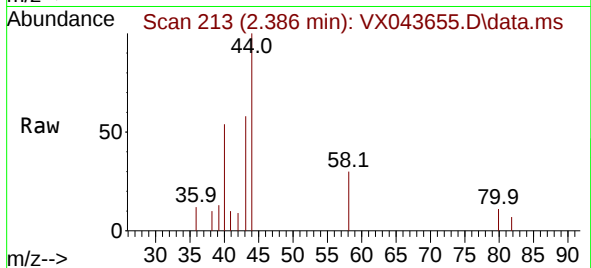




#16
Acetone
Concen: 1.351 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

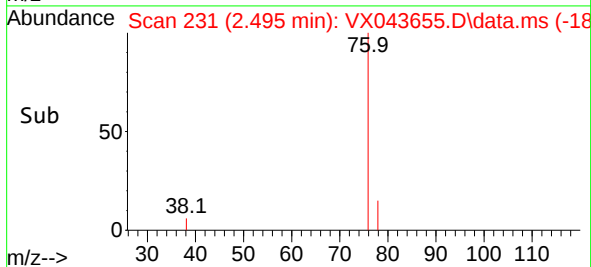
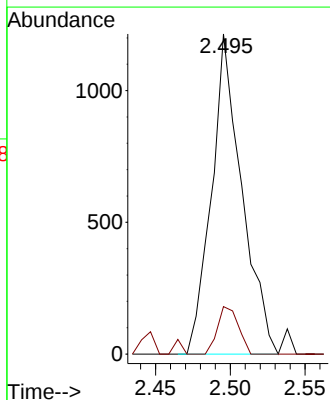
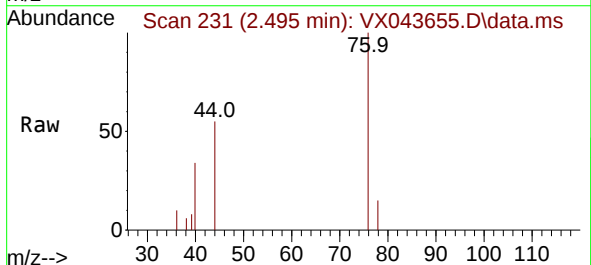
Instrument :
MSVOA_X
ClientSampleId :

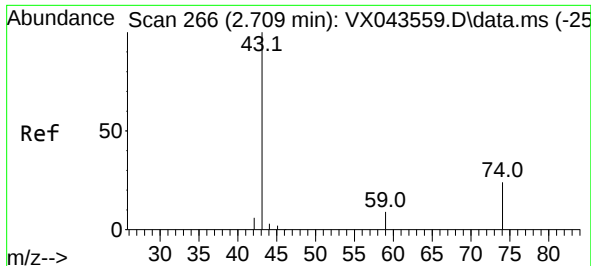
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 51.1 25.1 37.7#



#17
Carbon Disulfide
Concen: 0.545 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion: 76 Resp: 1711
Ion Ratio Lower Upper
76 100
78 14.8 7.1 10.7#

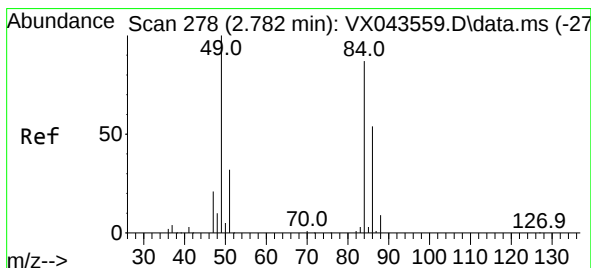
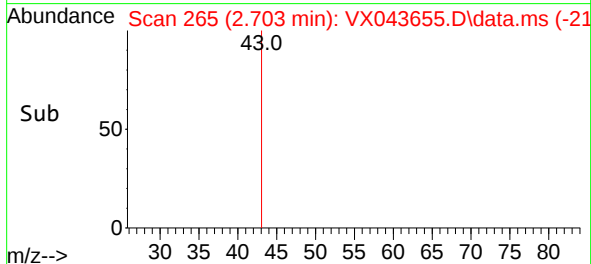
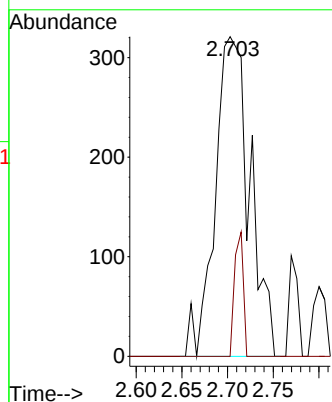
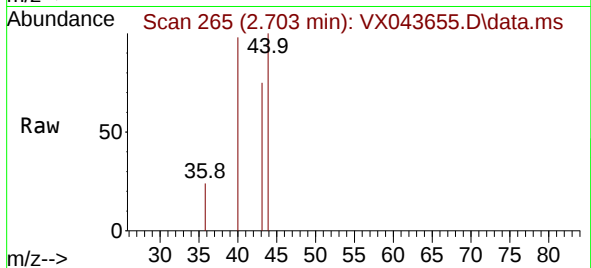




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

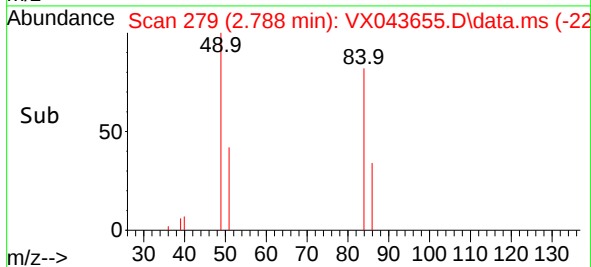
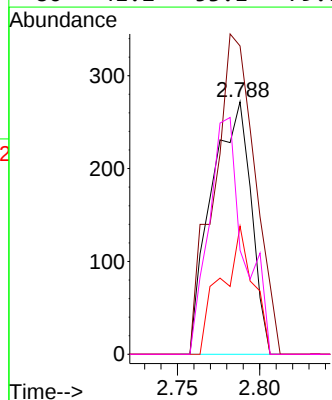
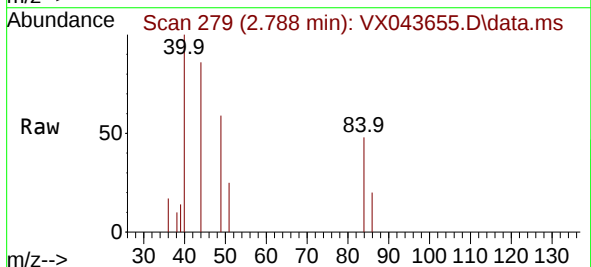
Instrument :
MSVOA_X
ClientSampleId :

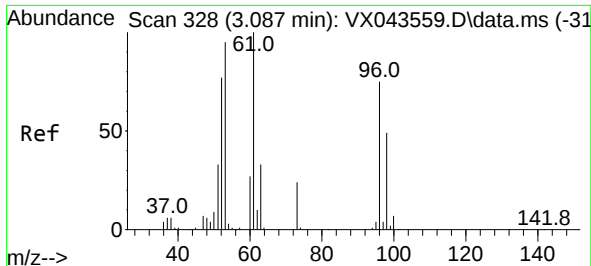
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#



#20
Methylene Chloride
Concen: 0.239 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

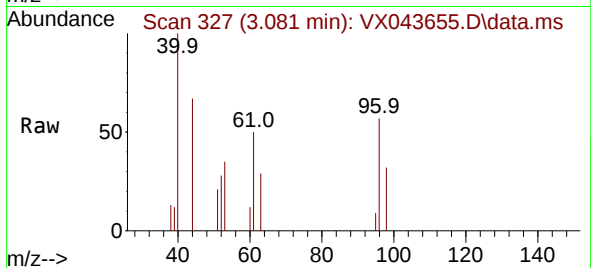
Tgt Ion: 84 Resp: 457
Ion Ratio Lower Upper
84 100
49 122.1 97.0 145.6
51 50.7 29.8 44.8#
86 41.2 53.1 79.7#



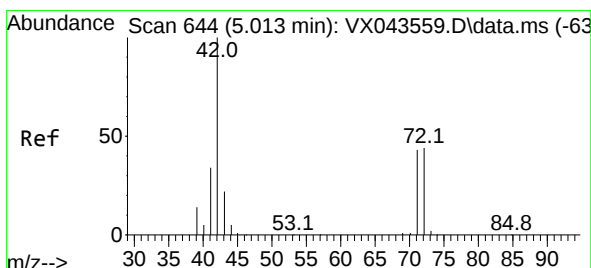
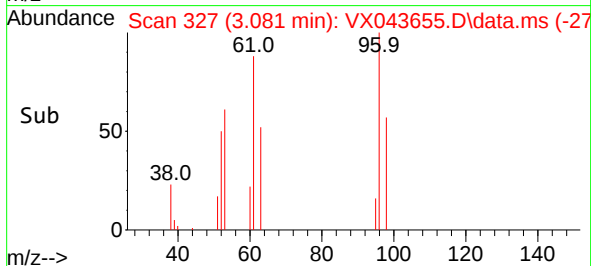
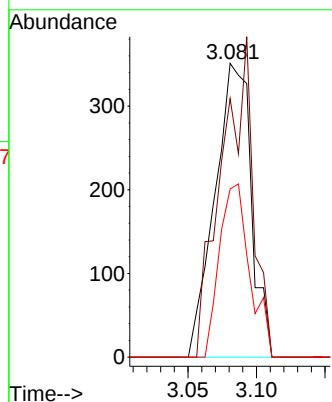


#21
trans-1,2-Dichloroethene
Concen: 0.409 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :

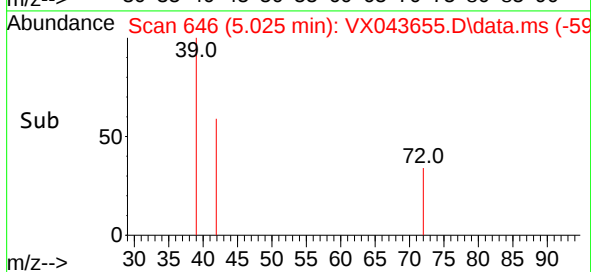
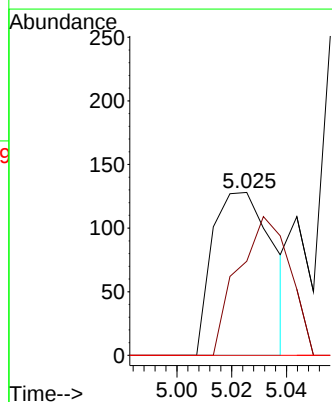
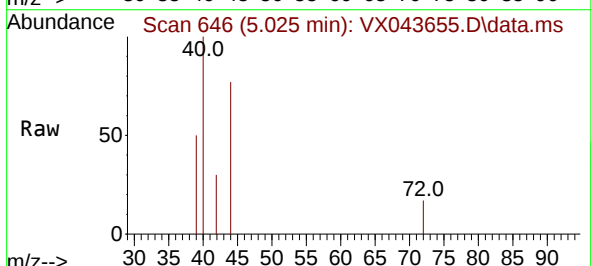


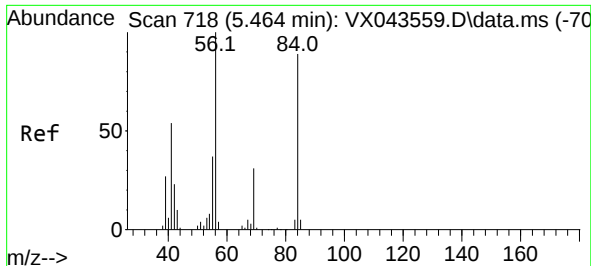
Tgt Ion: 96 Resp: 649
Ion Ratio Lower Upper
96 100
61 88.0 107.1 160.7#
98 57.3 47.7 71.5



#29
Tetrahydrofuran
Concen: 0.233 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

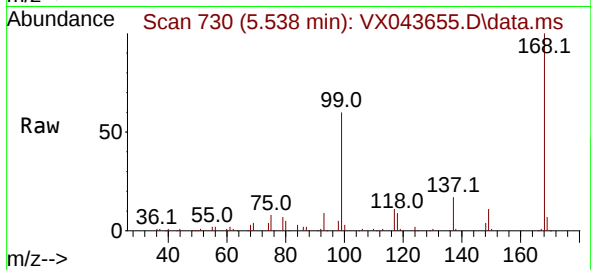
Tgt Ion: 42 Resp: 196
Ion Ratio Lower Upper
42 100
72 73.0 36.6 55.0#
71 0.0 34.2 51.4#



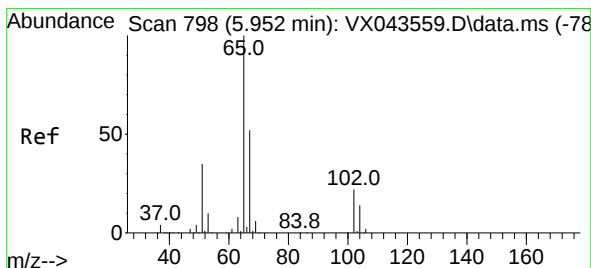
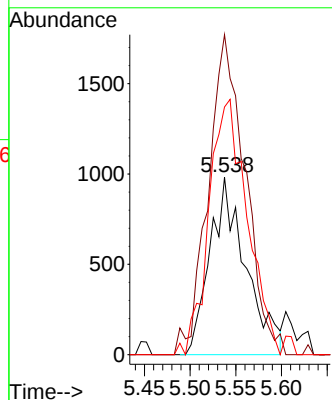
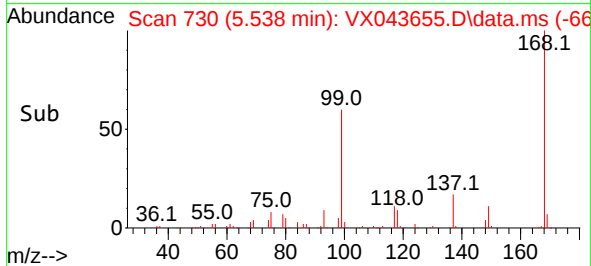


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Instrument :
MSVOA_X
ClientSampleId :

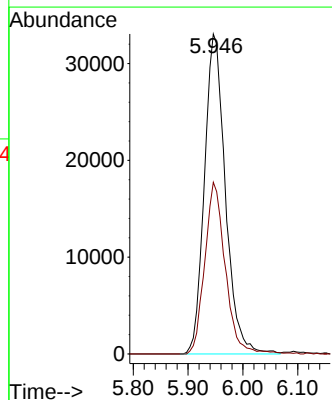
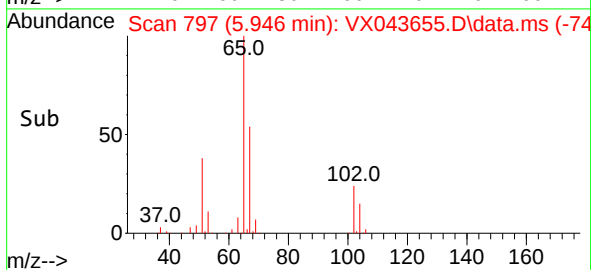
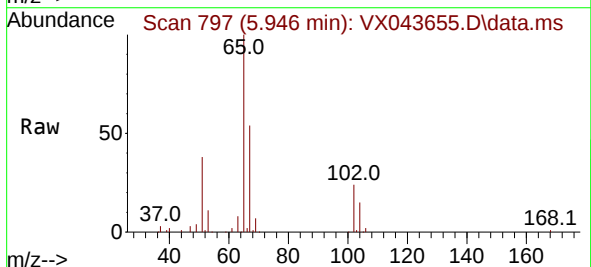


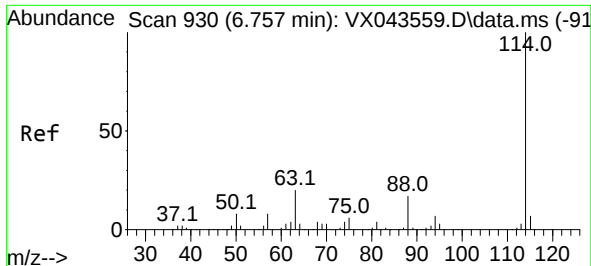
Tgt Ion: 56 Resp: 2677
Ion Ratio Lower Upper
56 100
69 168.5 24.9 37.3#
84 139.5 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 39.295 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion: 65 Resp: 87778
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

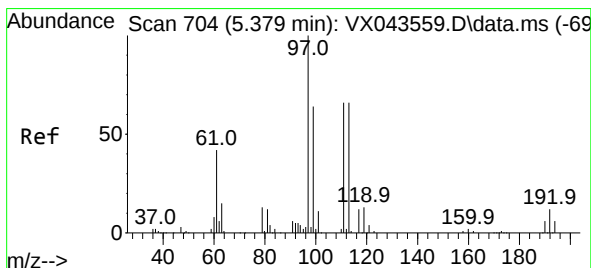
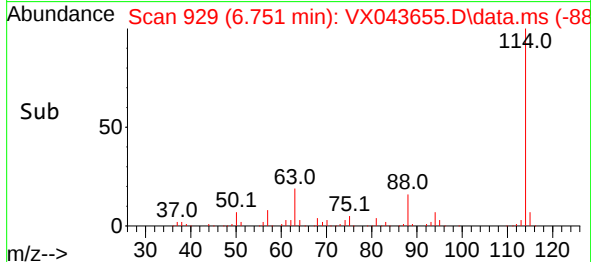
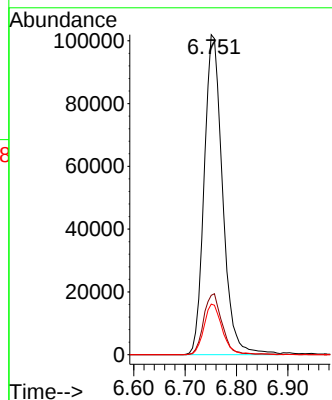
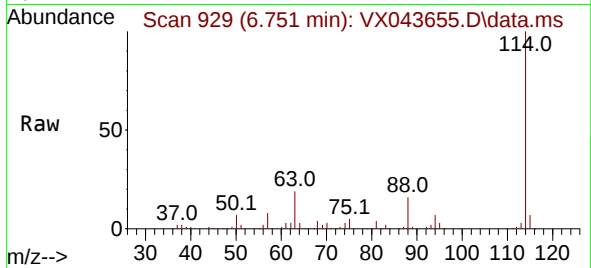




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

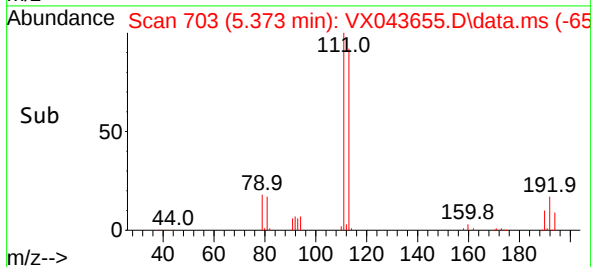
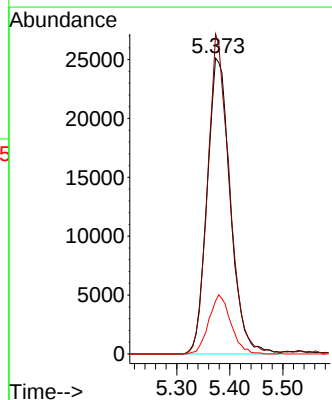
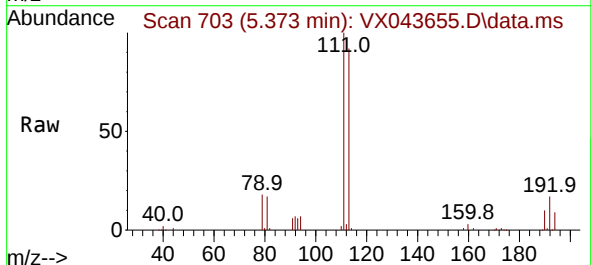
Instrument :
MSVOA_X
ClientSampleId :

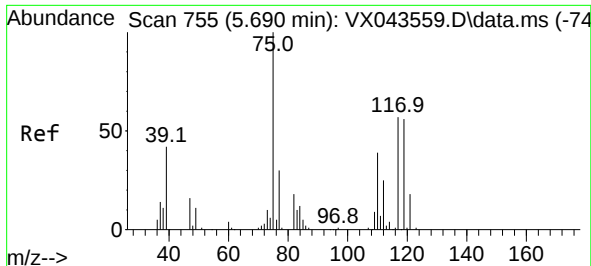
Tgt Ion:114 Resp: 253243
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.2
88 15.8 0.0 34.0



#35
Dibromofluoromethane
Concen: 44.453 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion:113 Resp: 76336
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 0.309 ug/l

RT: 5.678 min Scan# 71

Delta R.T. -0.006 min

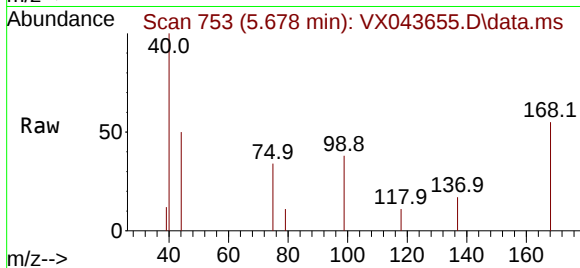
Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :



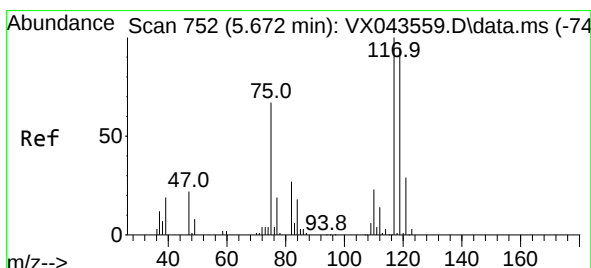
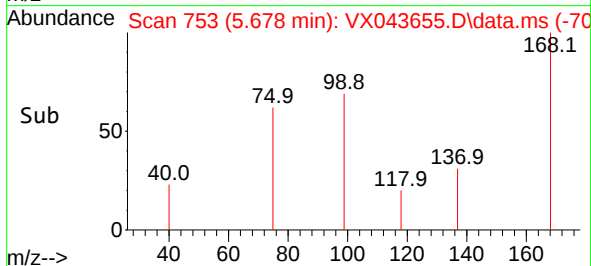
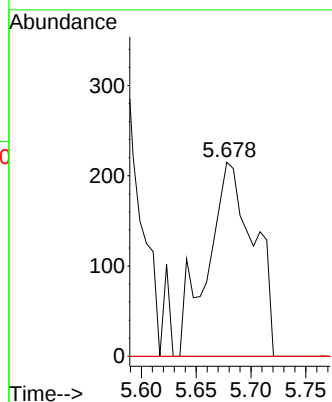
Tgt Ion: 75 Resp: 630

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.255 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

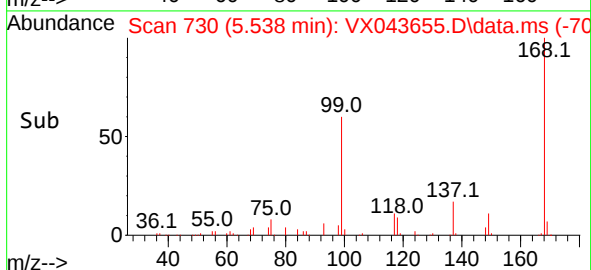
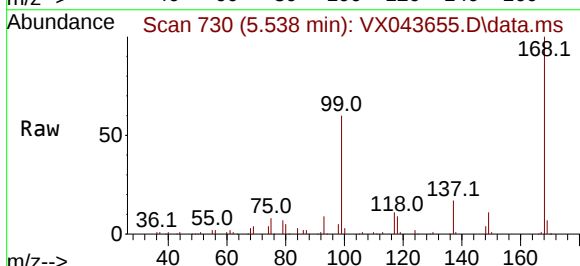
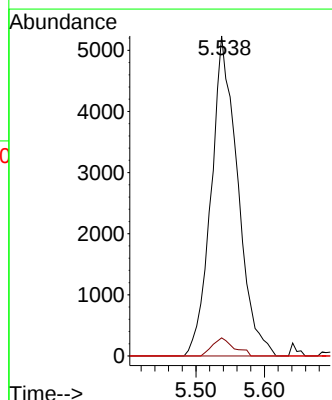
Tgt Ion: 117 Resp: 14074

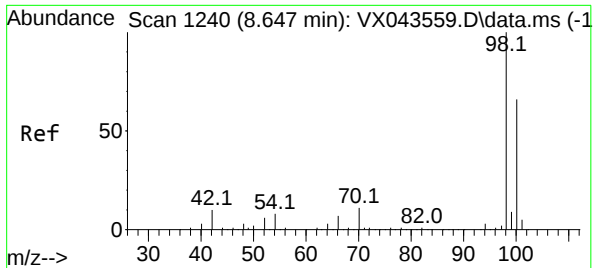
Ion Ratio Lower Upper

117 100

119 5.7 77.0 115.6#

121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 49.866 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

Instrument :

MSVOA_X

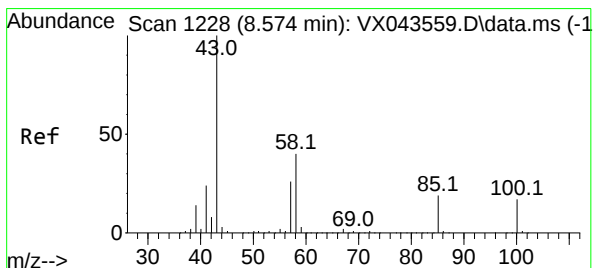
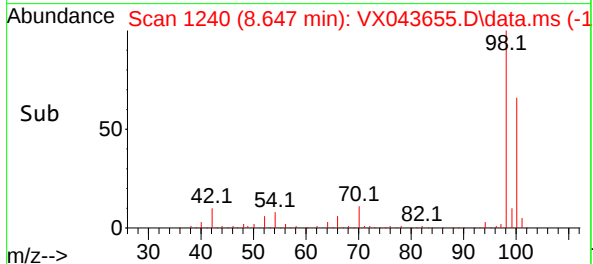
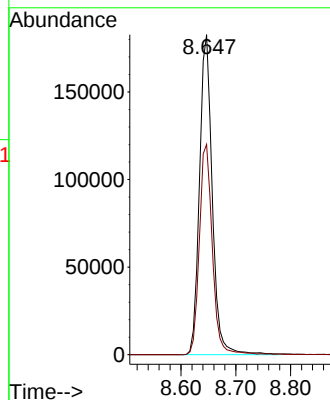
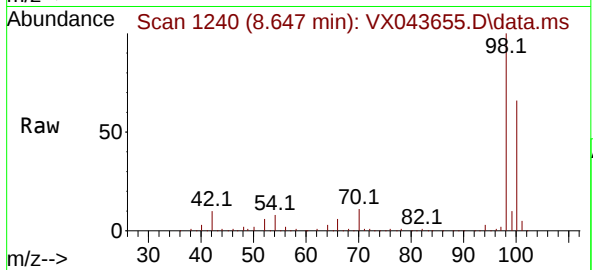
ClientSampleId :

Tgt Ion: 98 Resp: 296427

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



#51

4-Methyl-2-Pentanone

Concen: 0.251 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VX043655.D

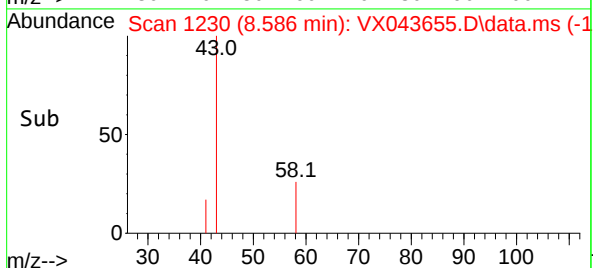
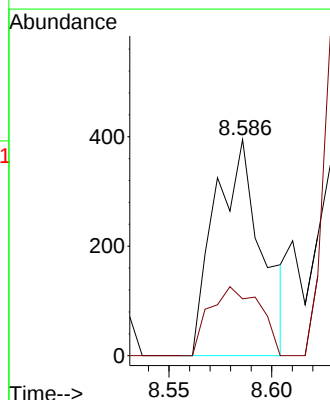
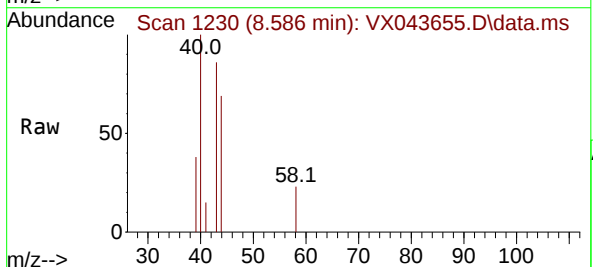
Acq: 01 Nov 2024 10:52

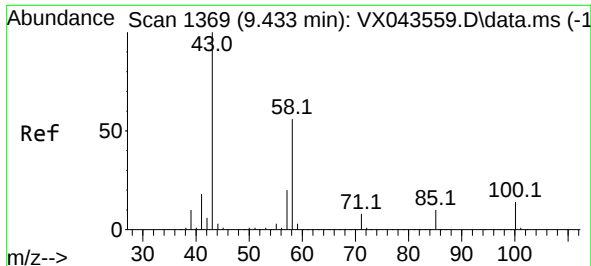
Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

58 34.3 31.7 47.5





#59

2-Hexanone

Concen: 0.257 ug/l

RT: 9.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

Instrument :

MSVOA_X

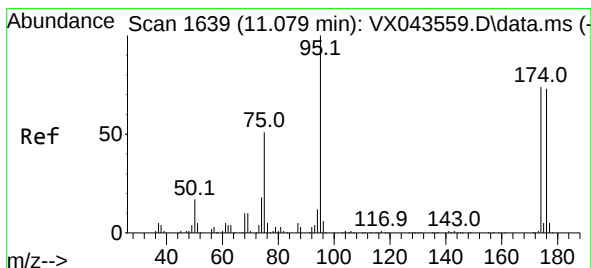
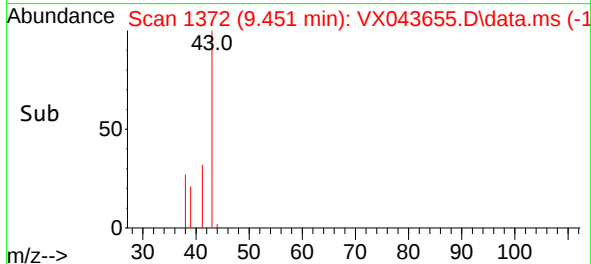
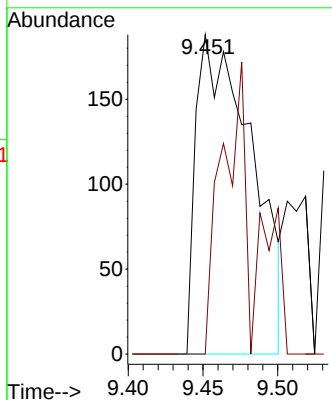
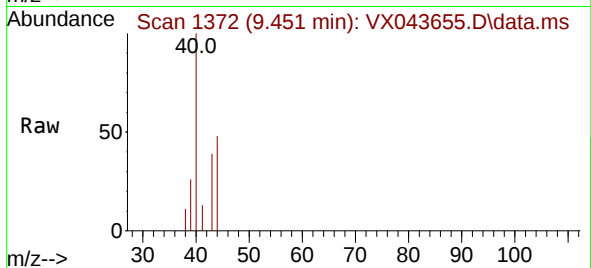
ClientSampleId :

Tgt Ion: 43 Resp: 486

Ion Ratio Lower Upper

43 100

58 0.0 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

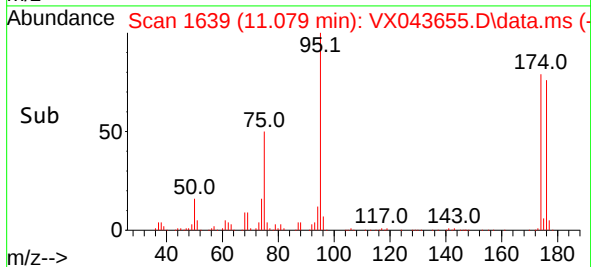
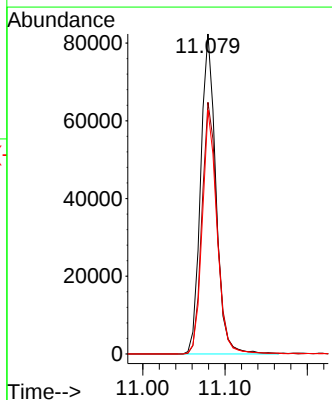
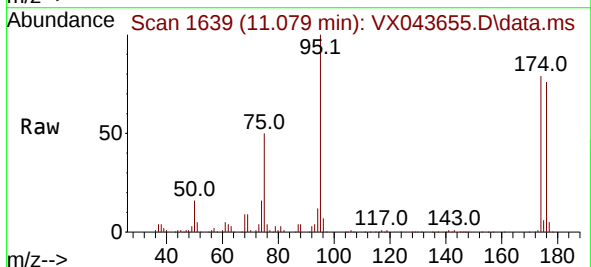
Tgt Ion: 95 Resp: 106060

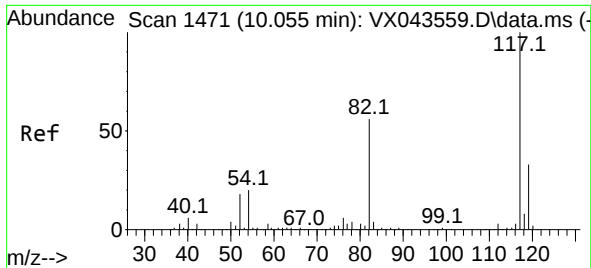
Ion Ratio Lower Upper

95 100

174 79.2 0.0 146.6

176 73.9 0.0 139.6

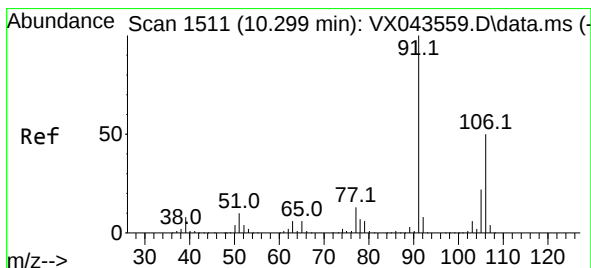
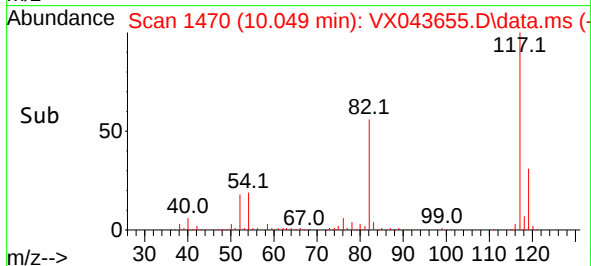
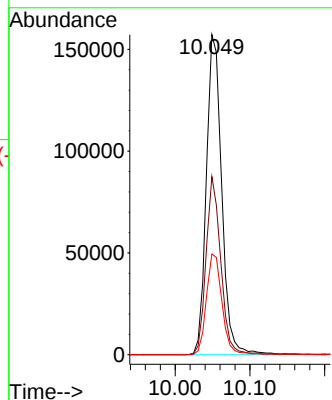
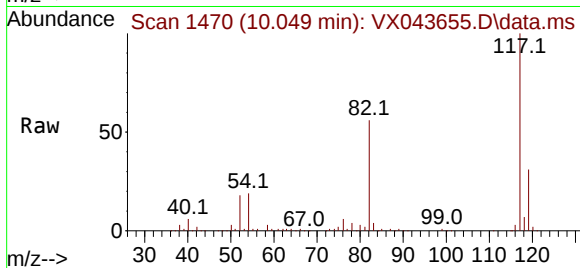




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

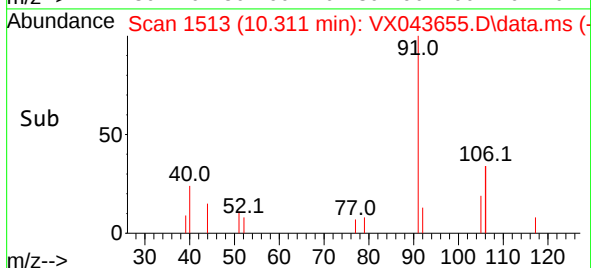
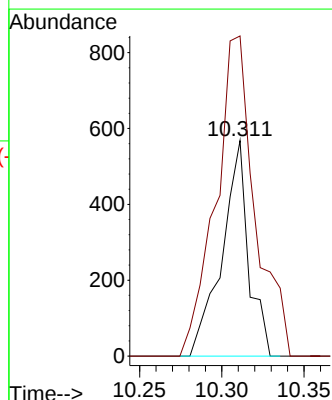
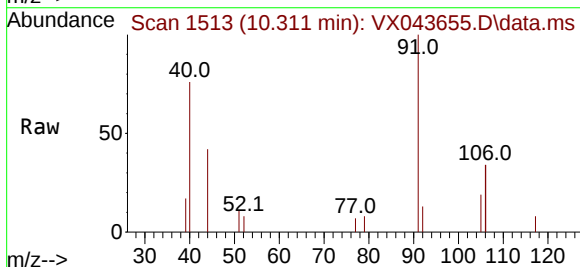
Instrument :
MSVOA_X
ClientSampleId :

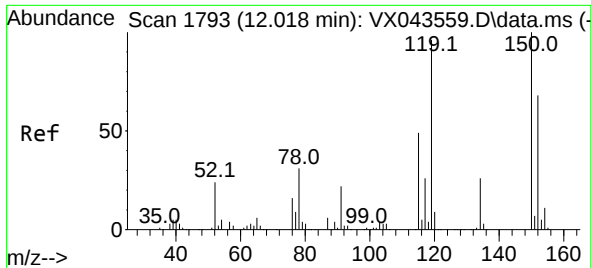
Tgt Ion:117 Resp: 224850
Ion Ratio Lower Upper
117 100
82 55.6 42.1 63.1
119 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion:106 Resp: 638
Ion Ratio Lower Upper
106 100
91 220.1 164.7 247.1

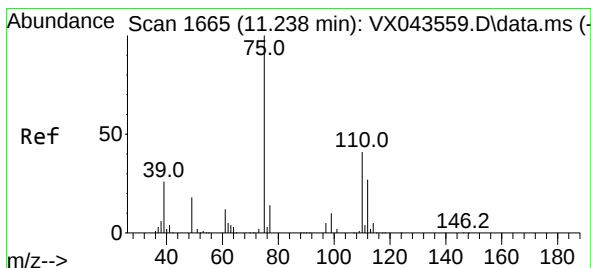
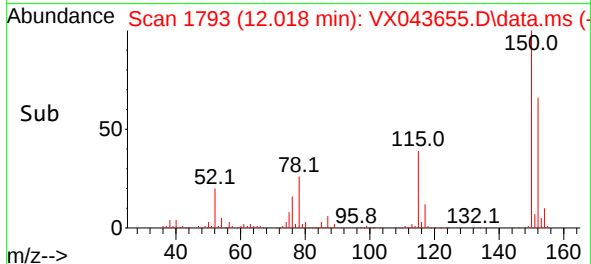
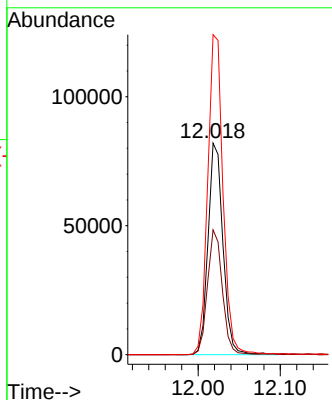
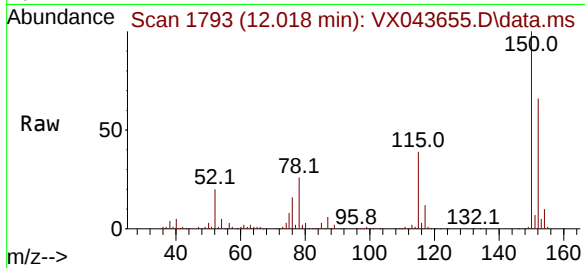




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

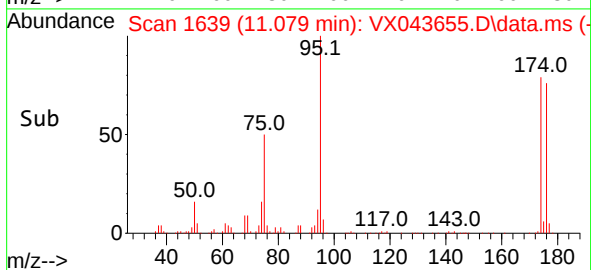
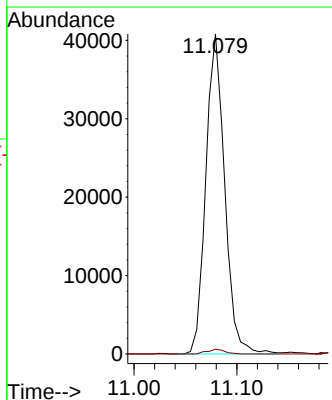
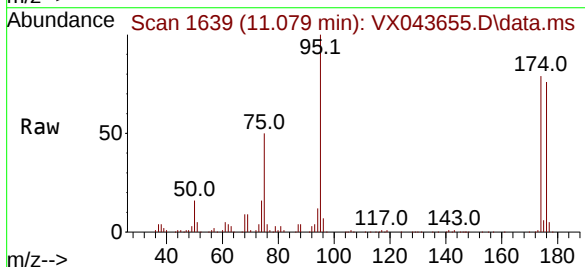
Instrument :
MSVOA_X
ClientSampleId :

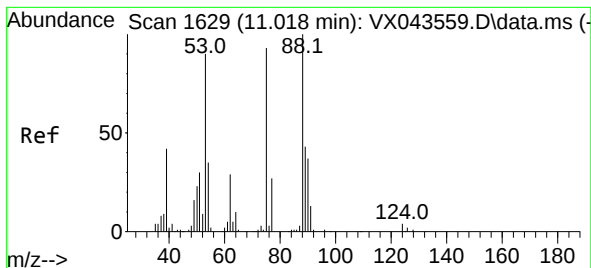
Tgt Ion:152 Resp: 103468
Ion Ratio Lower Upper
152 100
115 58.6 42.9 128.7
150 155.5 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 23.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

Tgt Ion: 75 Resp: 52048
Ion Ratio Lower Upper
75 100
77 1.4 22.4 67.2#

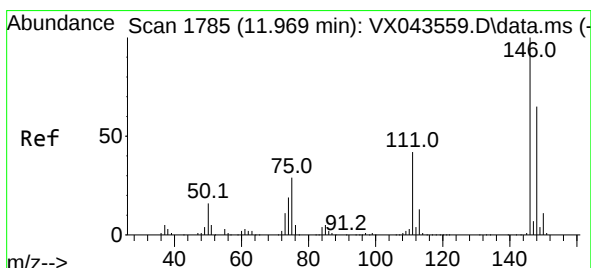
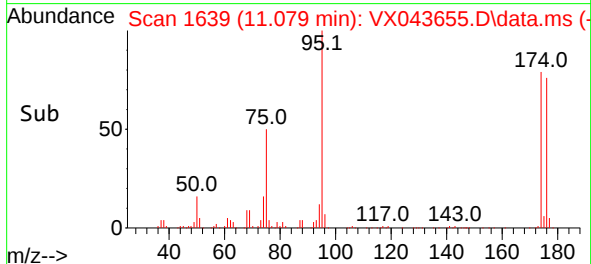
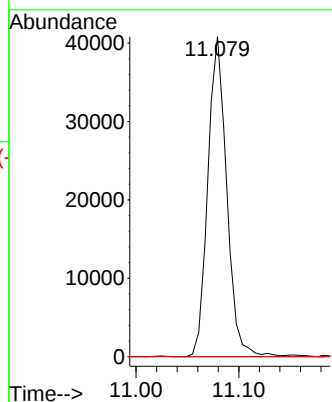
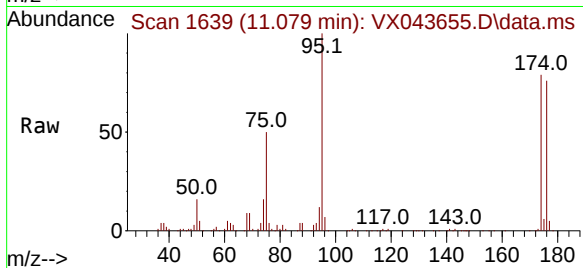




#81
trans-1,4-Dichloro-2-butene
Concen: 64.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

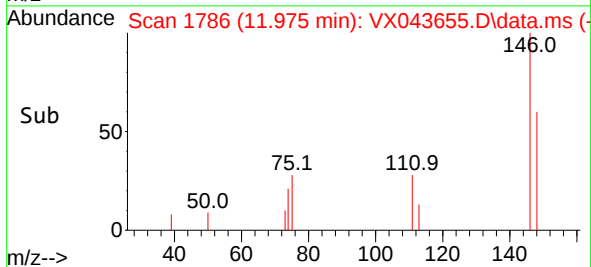
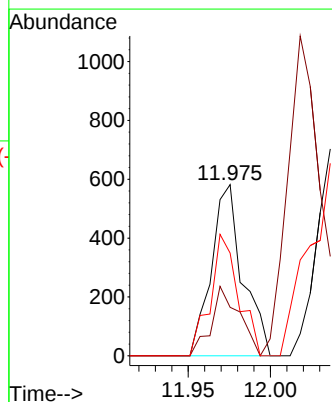
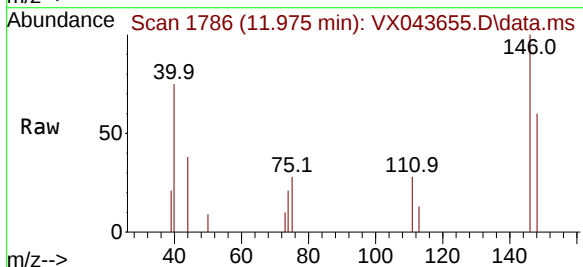
Instrument :
MSVOA_X
ClientSampleId :

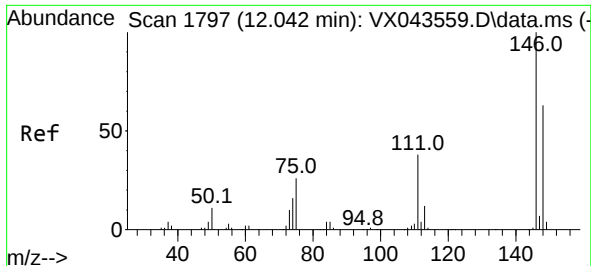
Tgt Ion: 75 Resp: 52048
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#



#87
1,3-Dichlorobenzene
Concen: 0.227 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX043655.D
Acq: 01 Nov 2024 10:52

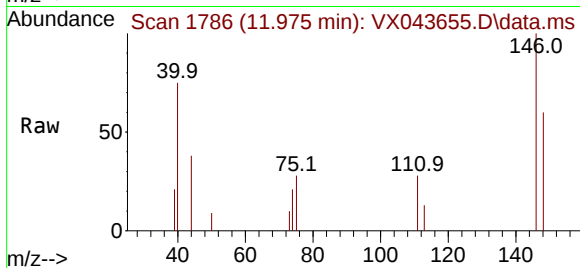
Tgt Ion:146 Resp: 771
Ion Ratio Lower Upper
146 100
111 36.1 21.1 63.4
148 63.8 31.6 94.8



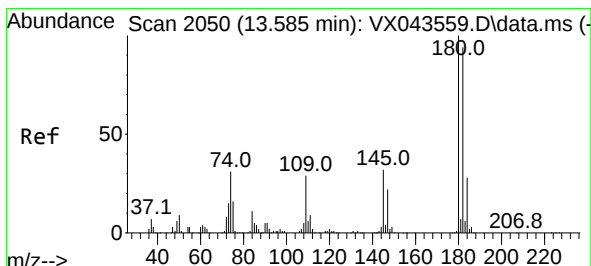
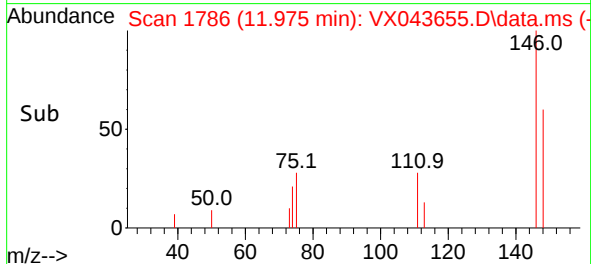
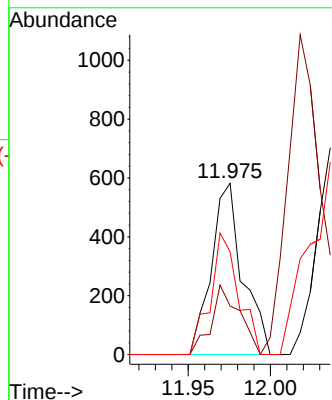


#88
 1,4-Dichlorobenzene
 Concen: 0.219 ug/l
 RT: 11.975 min Scan# 11
 Delta R.T. -0.067 min
 Lab File: VX043655.D
 Acq: 01 Nov 2024 10:52

Instrument :
 MSVOA_X
 ClientSampleId :

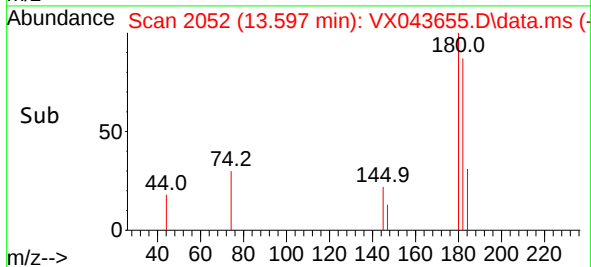
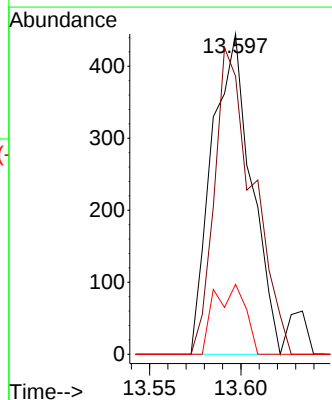
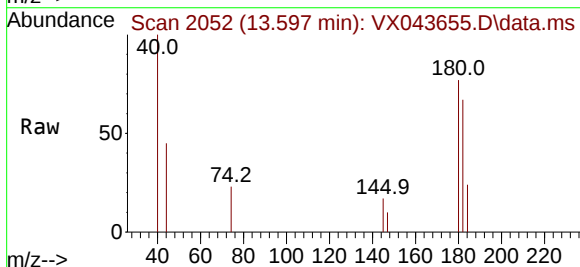


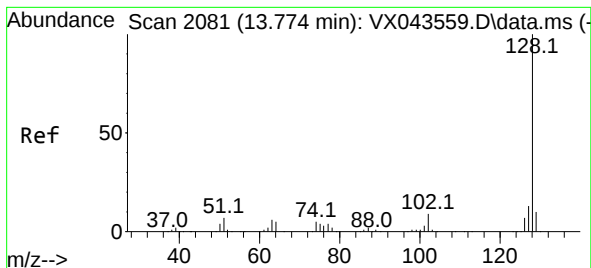
Tgt Ion:146 Resp: 771
 Ion Ratio Lower Upper
 146 100
 111 36.1 20.4 61.3
 148 63.8 31.9 95.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX043655.D
 Acq: 01 Nov 2024 10:52

Tgt Ion:180 Resp: 671
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.8 140.4
 145 17.1 16.1 48.3





#95

Naphthalene

Concen: 0.501 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043655.D

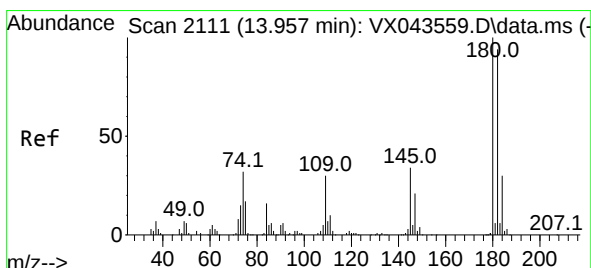
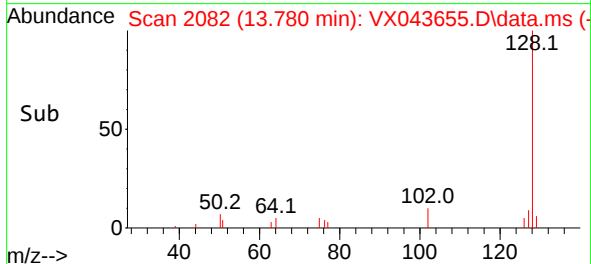
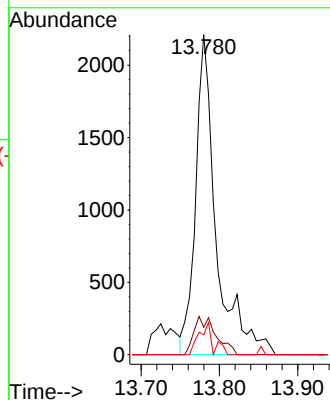
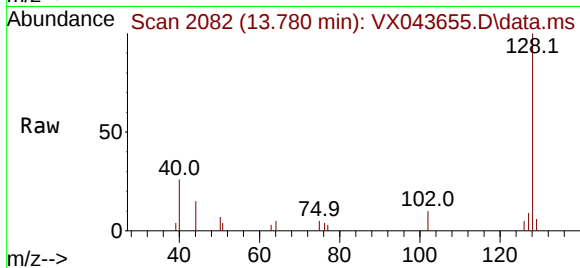
Acq: 01 Nov 2024 10:52

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4040
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	6.9	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.394 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043655.D

Acq: 01 Nov 2024 10:52

Tgt Ion:180	Resp:	874
Ion Ratio	Lower	Upper
180	100	
182	71.2	47.1 141.3
145	28.8	17.4 52.3

