

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035993.D
 Acq On : 05 Jun 2023 10:26
 Operator : JC/MD
 Sample : VX0605MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605MBL01

Quant Time: Jun 06 06:41:19 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)

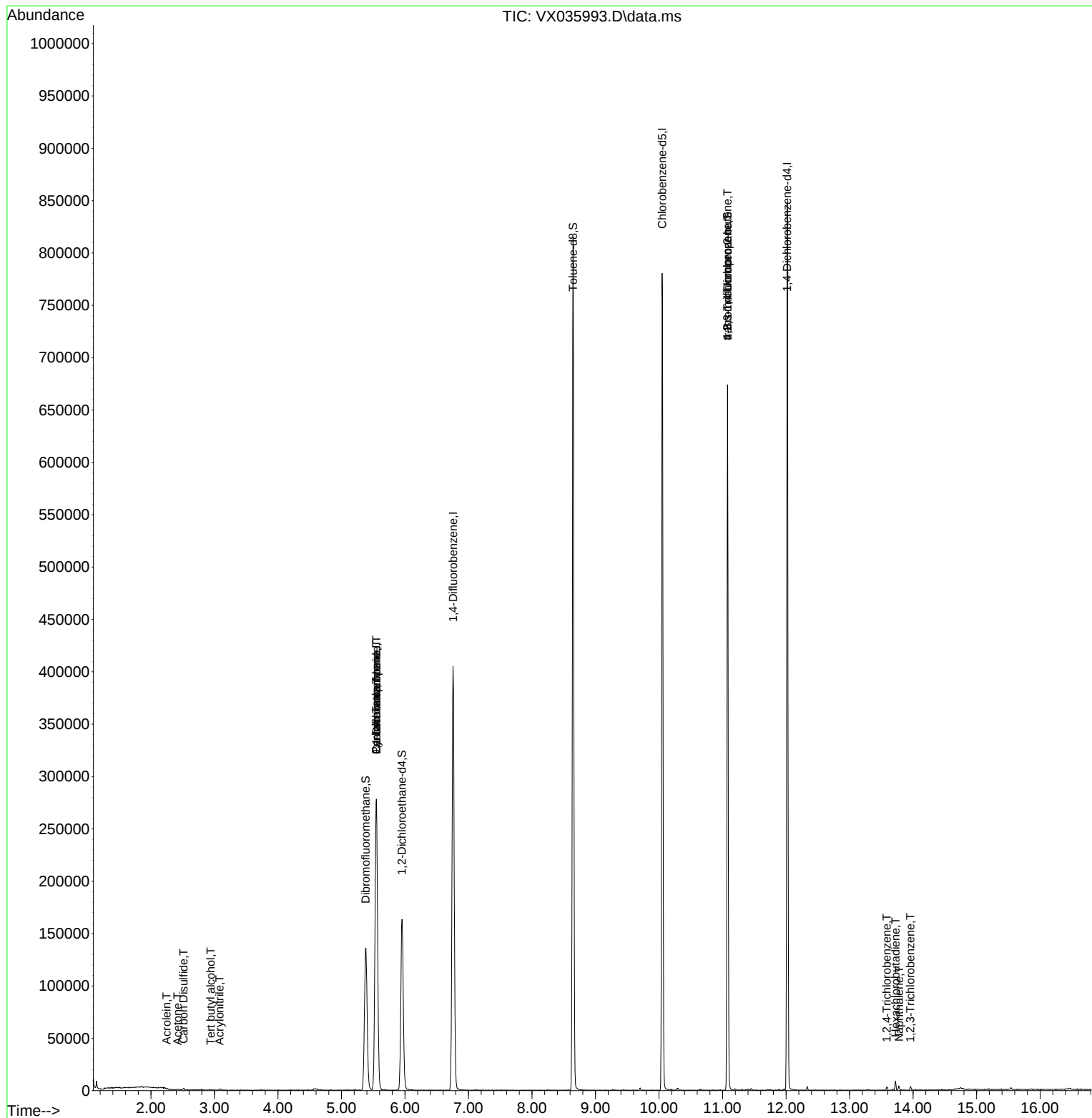
Internal Standards						
1) Pentafluorobenzene	5.550	168	249313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	401807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	354574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	164292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166780	41.196	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.400%		
35) Dibromofluoromethane	5.379	113	121608	44.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.000%		
50) Toluene-d8	8.647	98	468503	48.303	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	178070	46.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.020%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	229	0.319	ug/l #	78
13) Acrolein	2.246	56	153	0.221	ug/l #	14
15) Acrylonitrile	3.081	53	501	0.297	ug/l #	83
16) Acetone	2.416	43	1011	0.605	ug/l #	47
17) Carbon Disulfide	2.514	76	1678	0.268	ug/l	96
31) Cyclohexane	5.550	56	6044	1.426	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21938	6.088	ug/l #	51
38) Carbon Tetrachloride	5.550	117	28602	8.145	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	93950	25.354	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	93950	85.401	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	768	0.245	ug/l	88
94) Hexachlorobutadiene	13.725	225	1090	0.915	ug/l	96
95) Naphthalene	13.780	128	2988	0.274	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.957	180	969	0.314	ug/l	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
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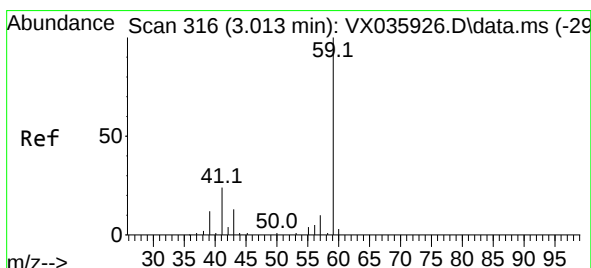
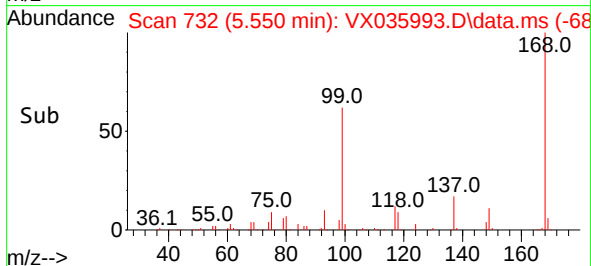
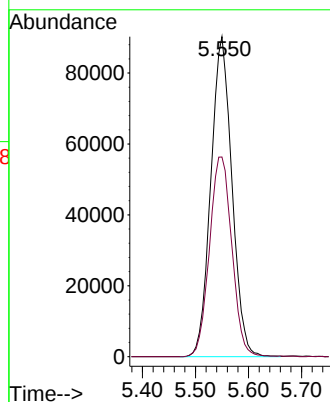
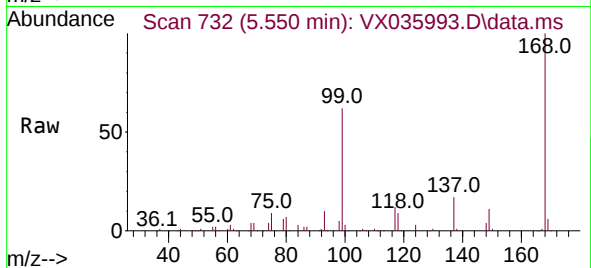




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

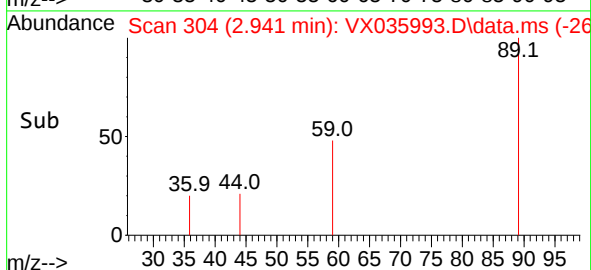
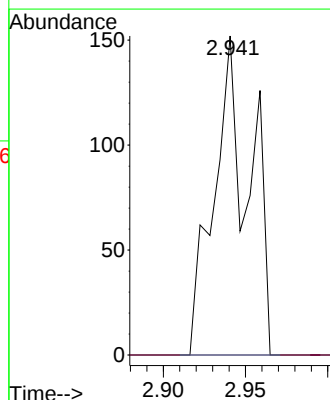
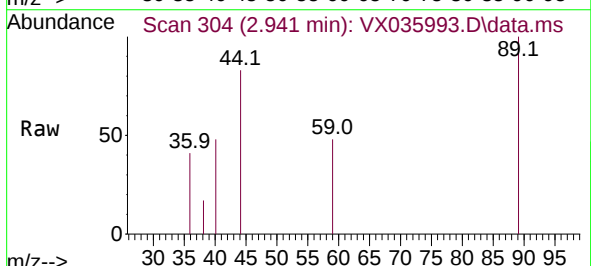
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

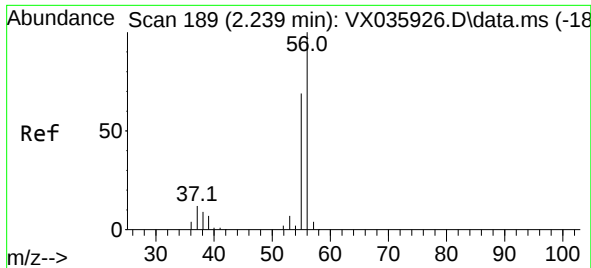
Tgt Ion:168 Resp: 249313
Ion Ratio Lower Upper
168 100
99 62.4 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.319 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

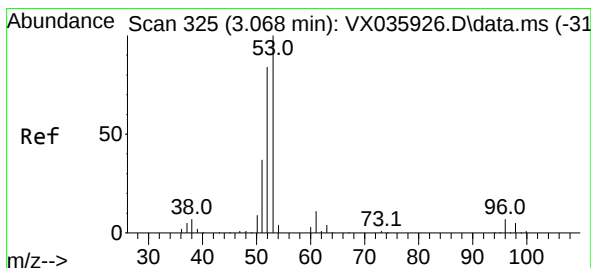
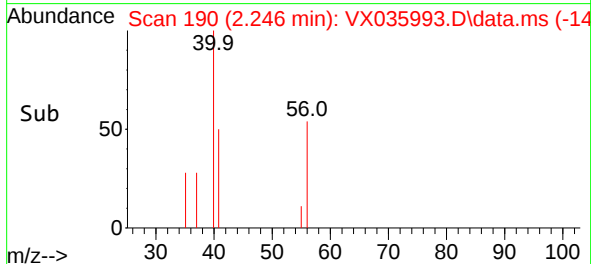
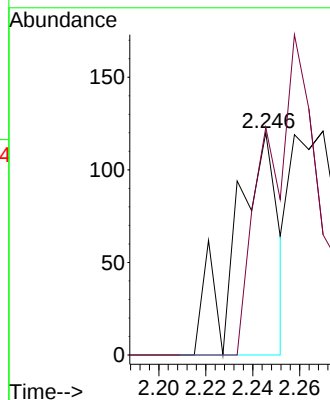
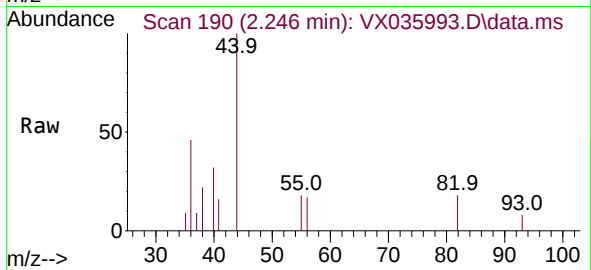




#13
Acrolein
Concen: 0.221 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

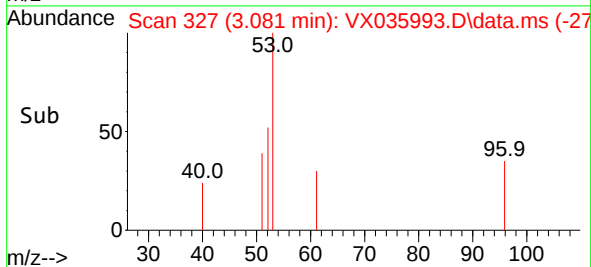
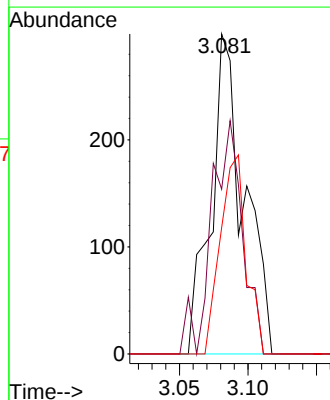
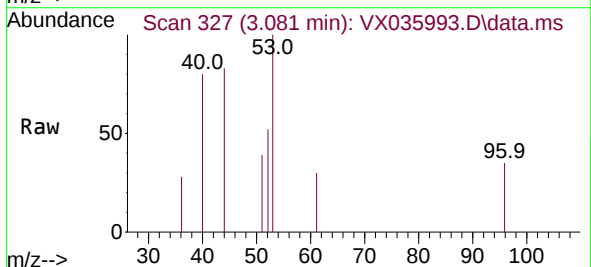
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

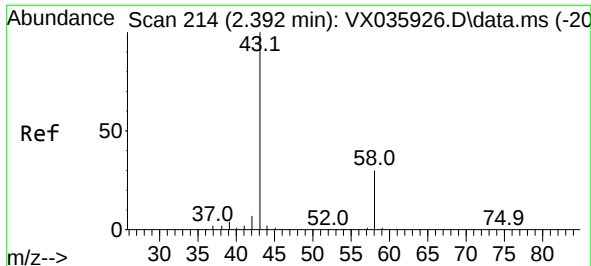
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#15
Acrylonitrile
Concen: 0.297 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.013 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion: 53 Resp: 501
Ion Ratio Lower Upper
53 100
52 68.5 67.0 100.4
51 48.3 29.8 44.8#





#16

Acetone

Concen: 0.605 ug/l

RT: 2.416 min Scan# 214

Delta R.T. 0.025 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

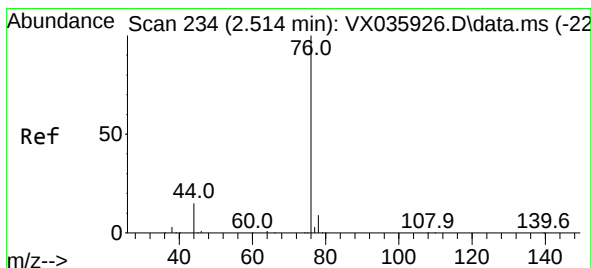
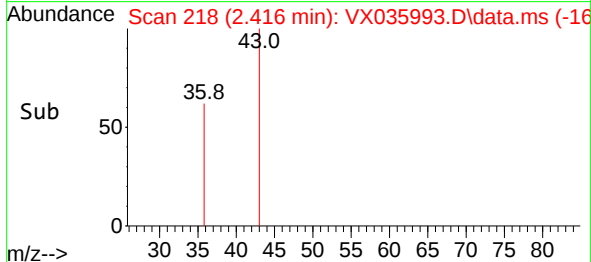
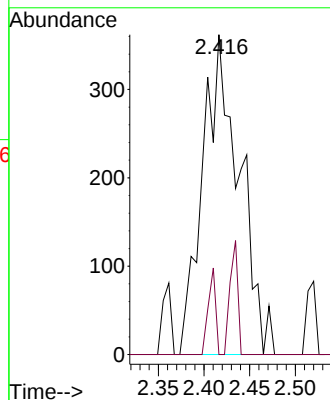
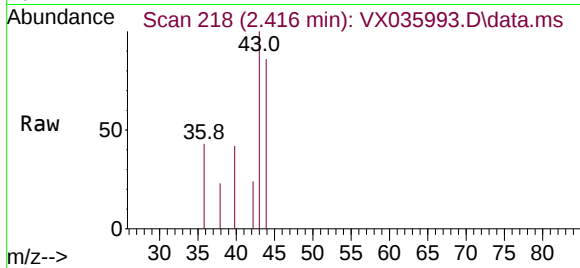
VX0605MBL01

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



#17

Carbon Disulfide

Concen: 0.268 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.001 min

Lab File: VX035993.D

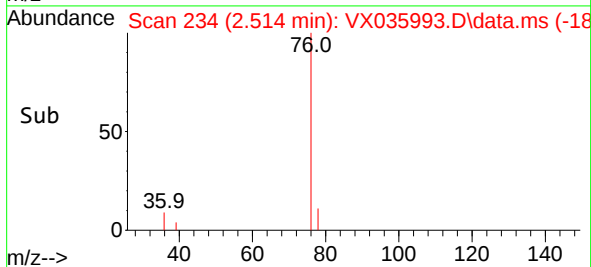
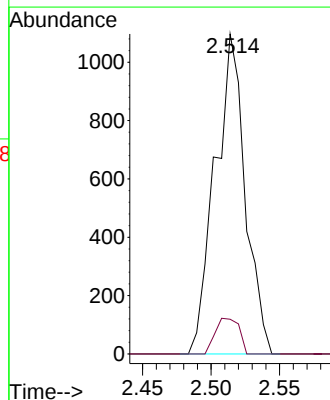
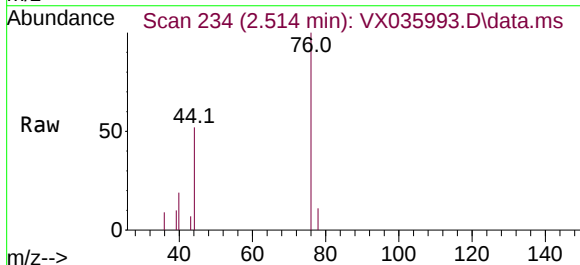
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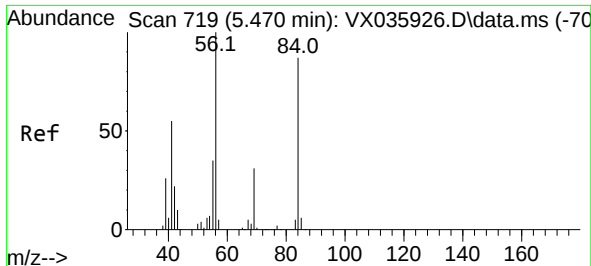
Tgt Ion: 76 Resp: 1678

Ion Ratio Lower Upper

76 100

78 10.8 7.6 11.4

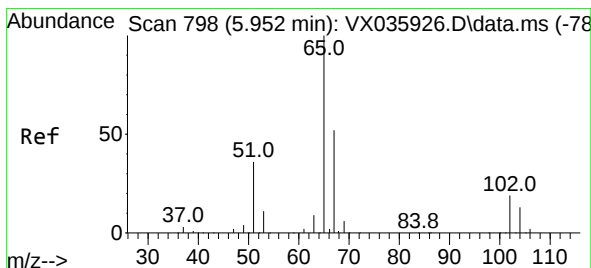
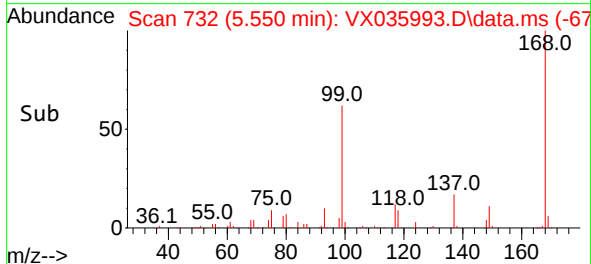
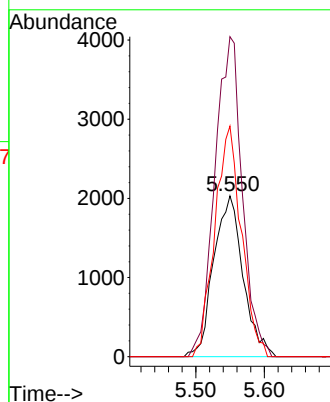
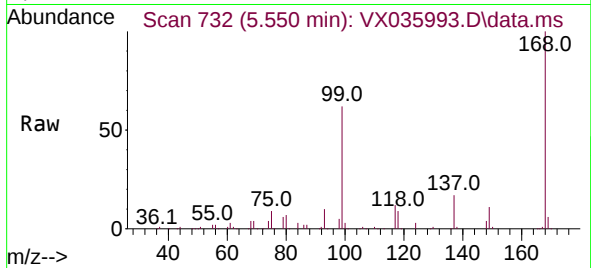




#31
Cyclohexane
Concen: 1.426 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

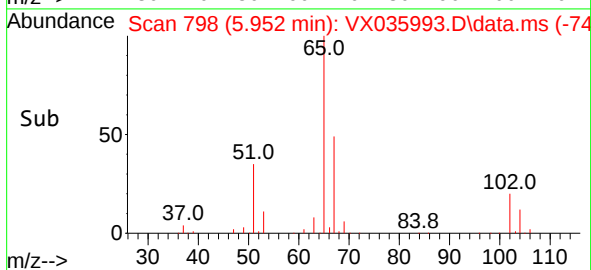
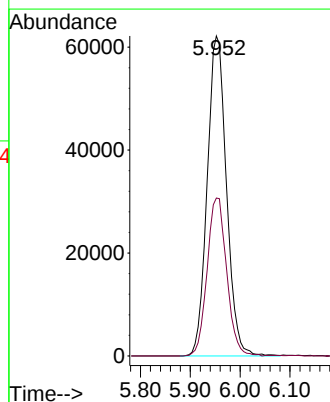
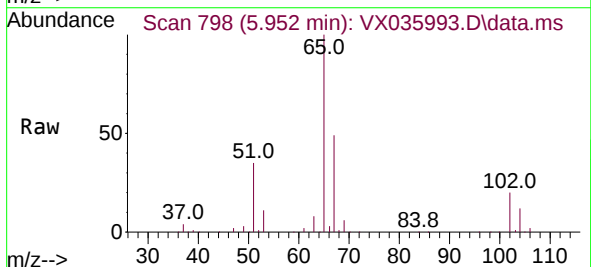
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

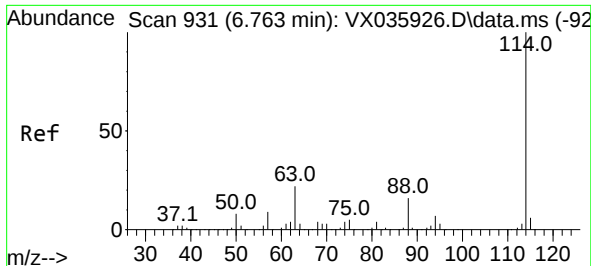
Tgt Ion: 56 Resp: 6044
Ion Ratio Lower Upper
56 100
69 199.0 25.9 38.9#
84 143.4 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 41.196 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion: 65 Resp: 166780
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.6

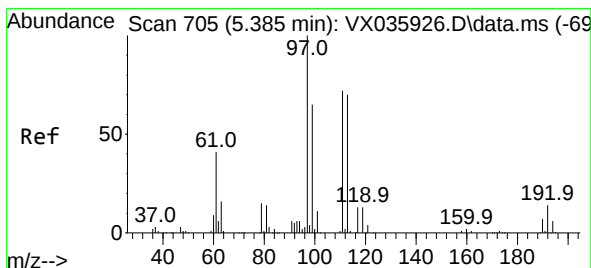
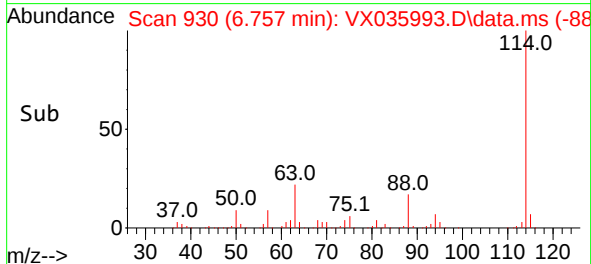
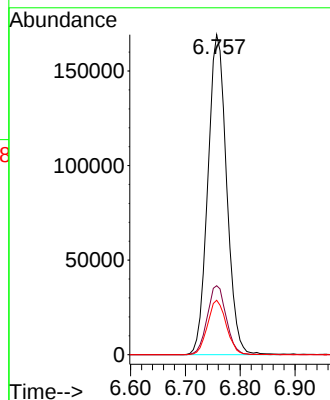
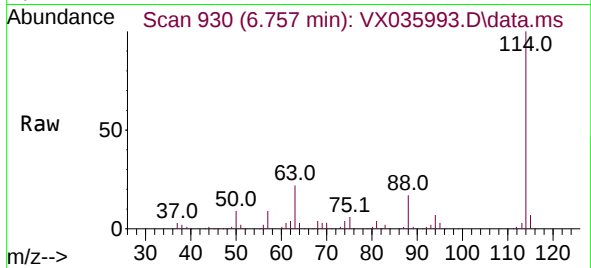




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

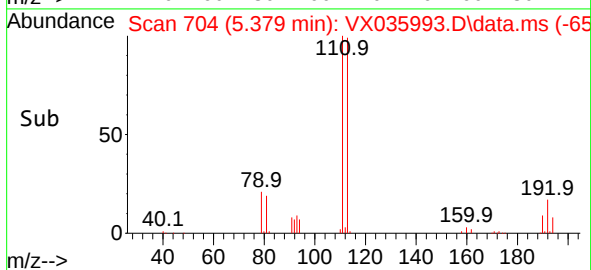
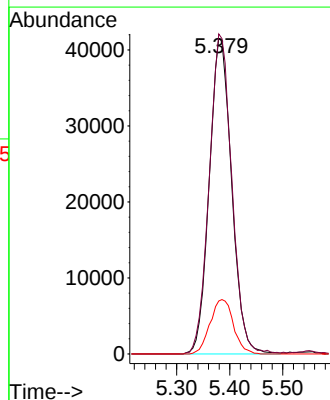
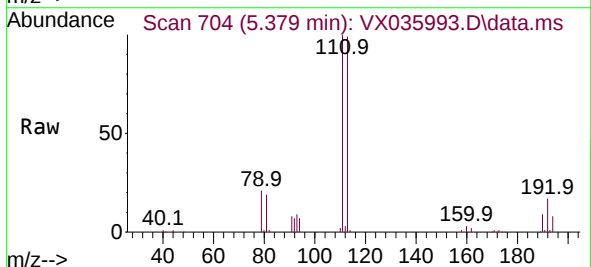
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

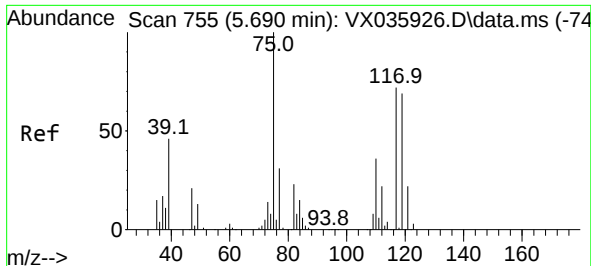
Tgt Ion:114 Resp: 401807
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.0
88 17.0 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.998 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion:113 Resp: 121608
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 18.0 13.5 20.3

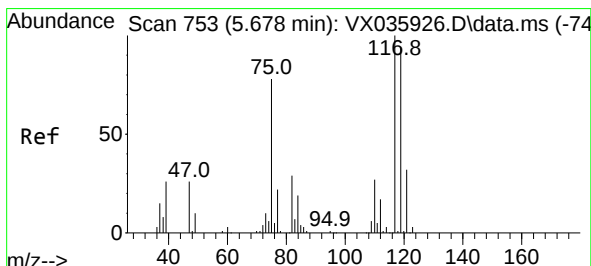
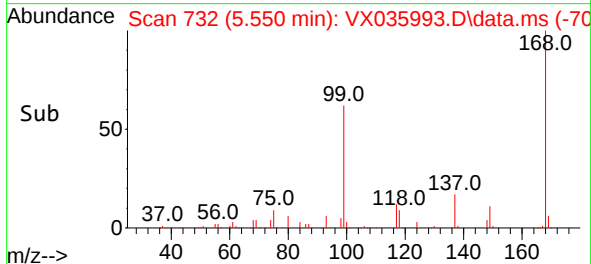
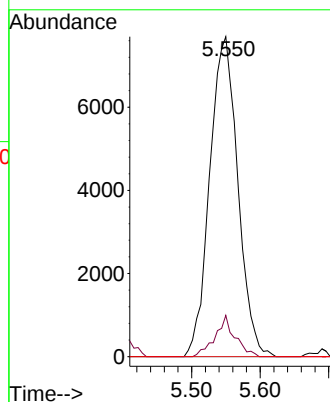
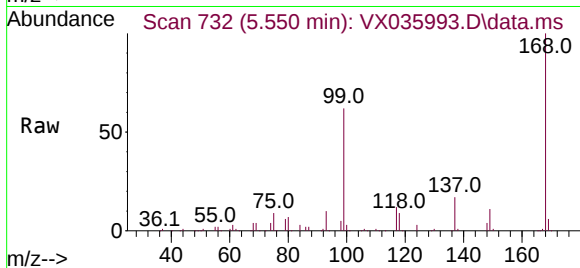




#36
1,1-Dichloropropene
Concen: 6.088 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

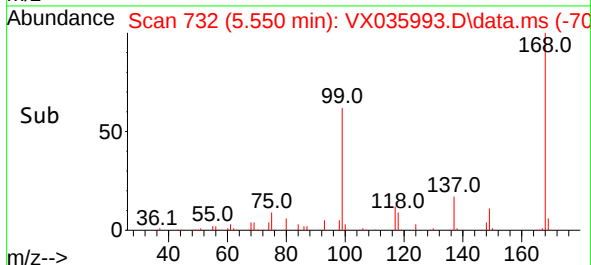
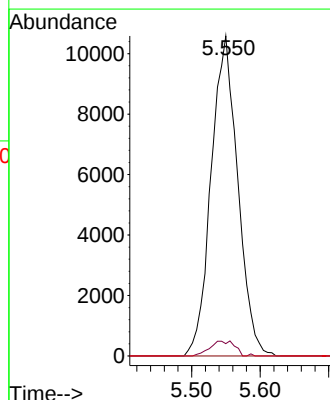
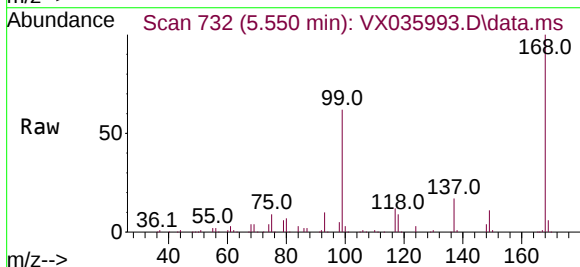
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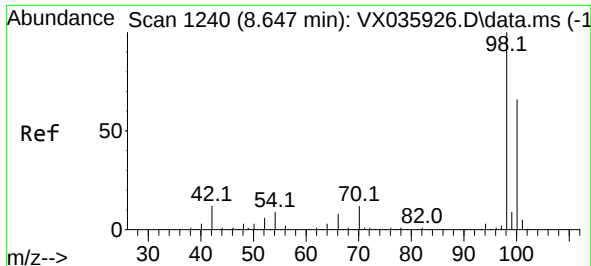
Tgt Ion: 75 Resp: 21938
Ion Ratio Lower Upper
75 100
110 9.1 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.145 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion: 117 Resp: 28602
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 48.303 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

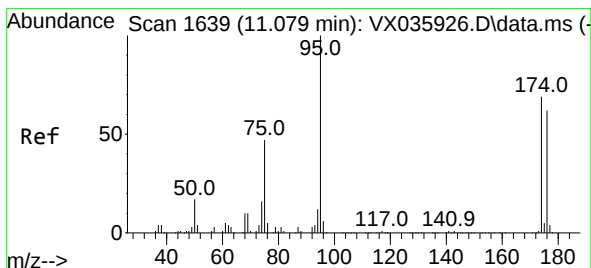
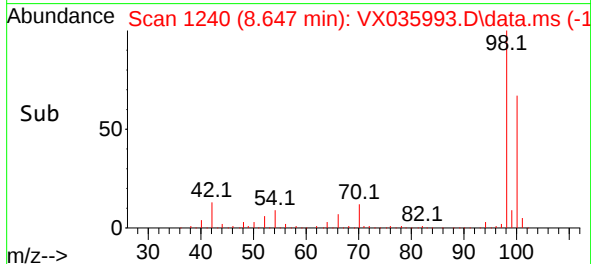
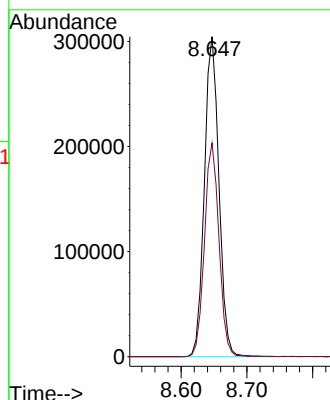
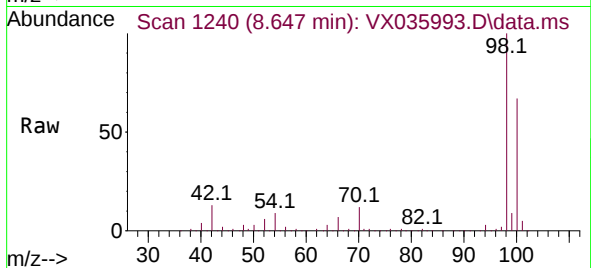
VX0605MBL01

Tgt Ion: 98 Resp: 468503

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 46.508 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

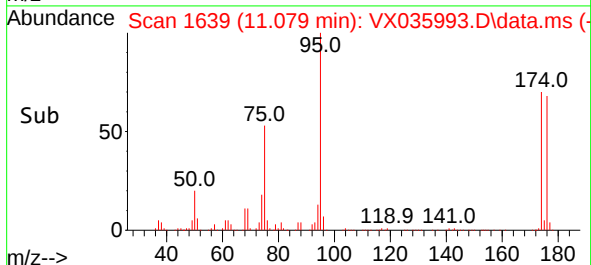
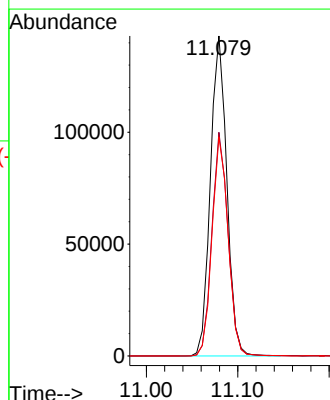
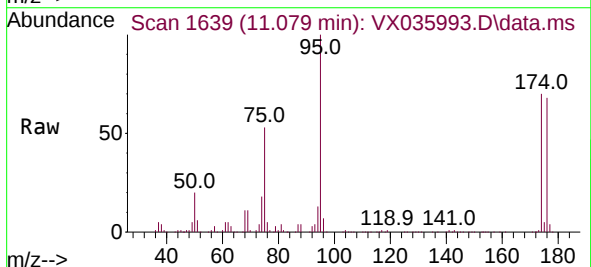
Tgt Ion: 95 Resp: 178070

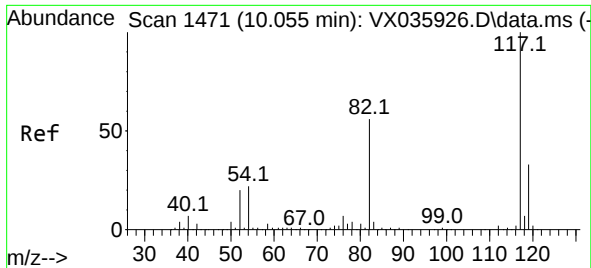
Ion Ratio Lower Upper

95 100

174 68.8 0.0 132.6

176 67.3 0.0 128.0

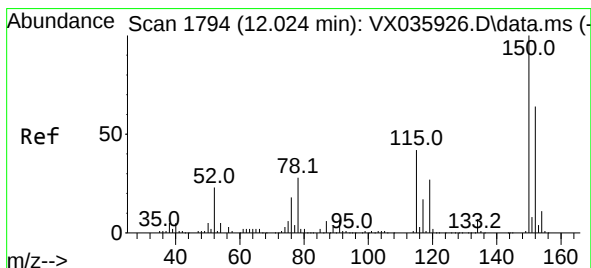
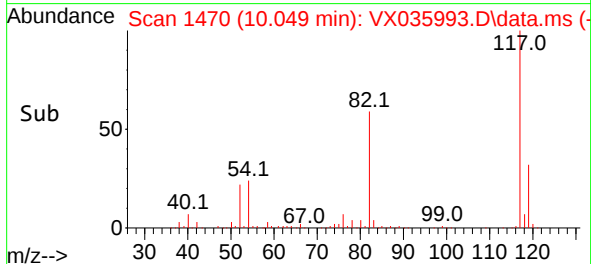
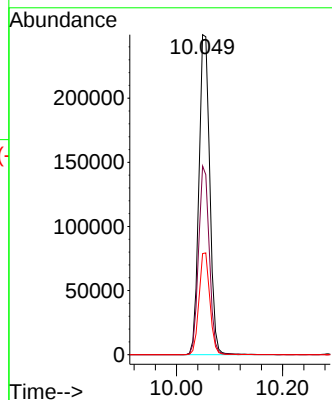
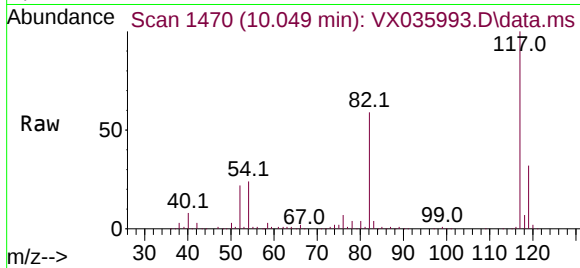




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

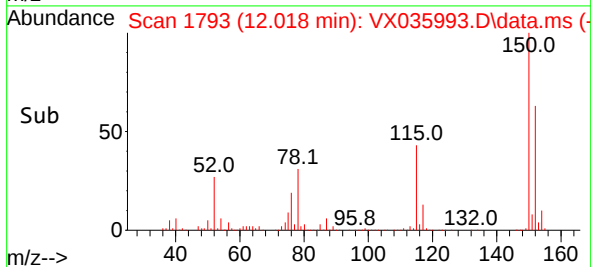
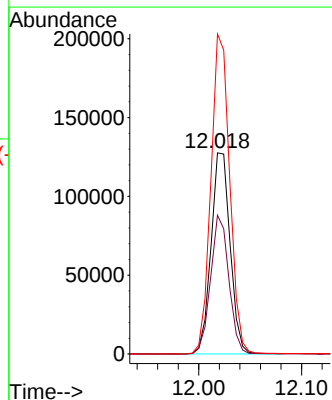
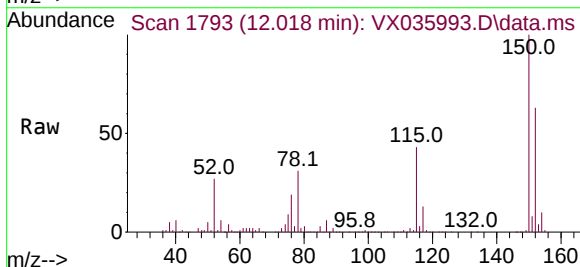
Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

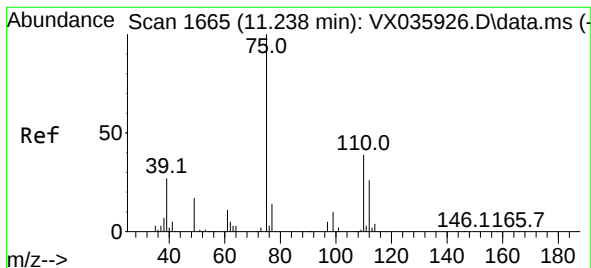
Tgt Ion:117 Resp: 354574
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion:152 Resp: 164292
Ion Ratio Lower Upper
152 100
115 66.2 45.5 136.5
150 157.3 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 25.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

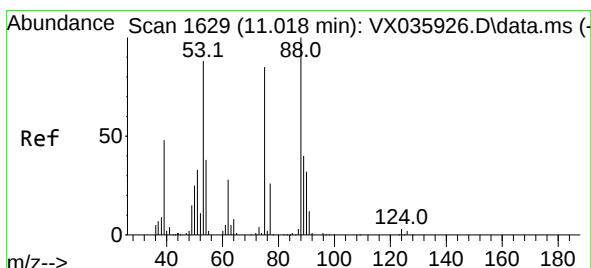
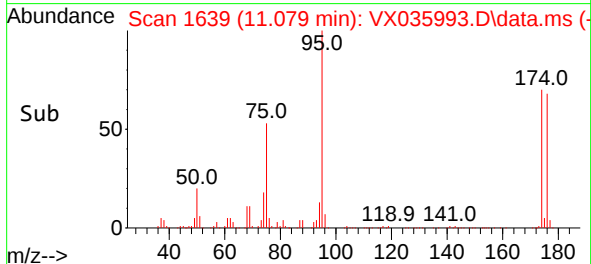
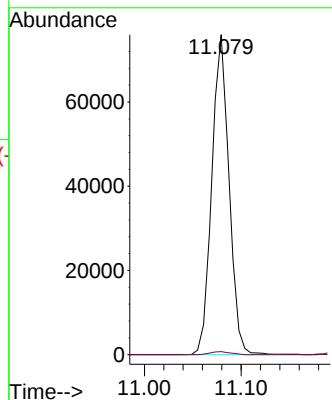
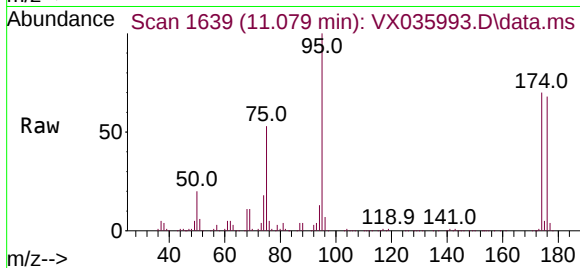
VX0605MBL01

Tgt Ion: 75 Resp: 93950

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

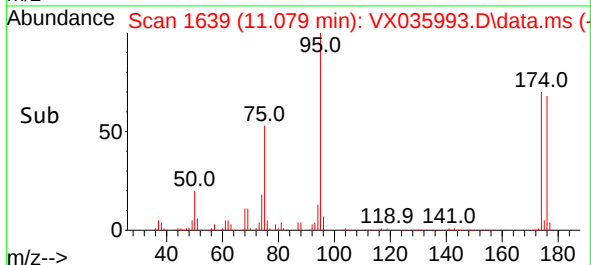
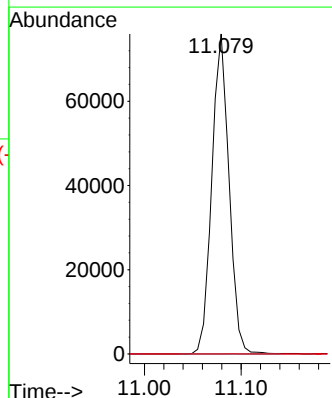
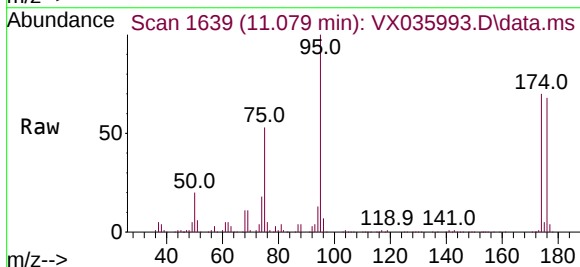
Tgt Ion: 75 Resp: 93950

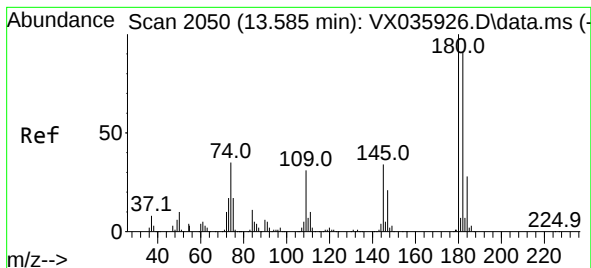
Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.245 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VX0605MBL01

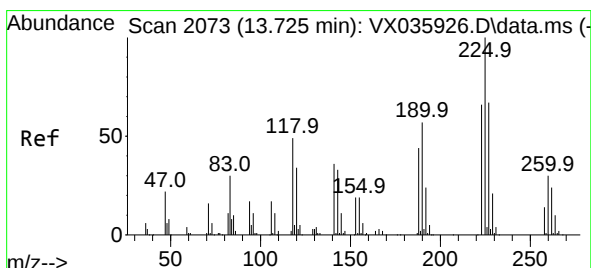
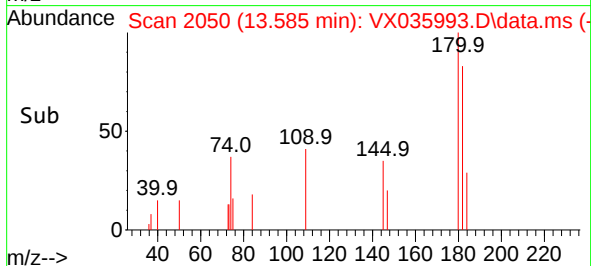
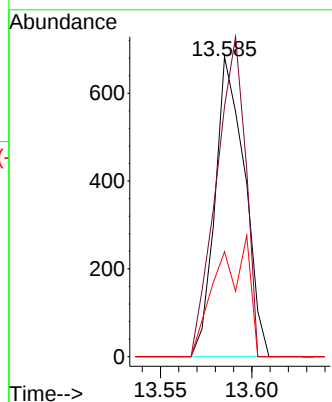
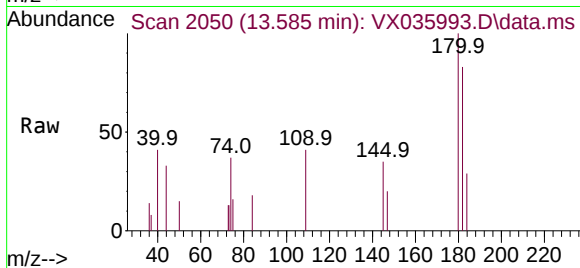
Tgt Ion:180 Resp: 768

Ion Ratio Lower Upper

180 100

182 105.3 47.3 141.8

145 43.6 17.3 51.9



#94

Hexachlorobutadiene

Concen: 0.915 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035993.D

Acq: 05 Jun 2023 10:26

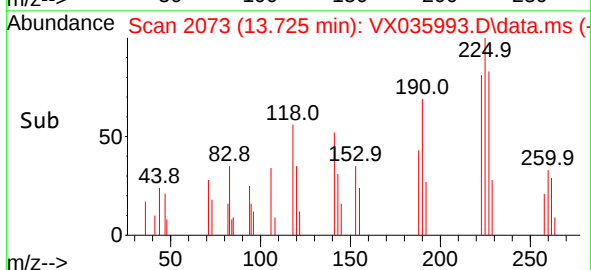
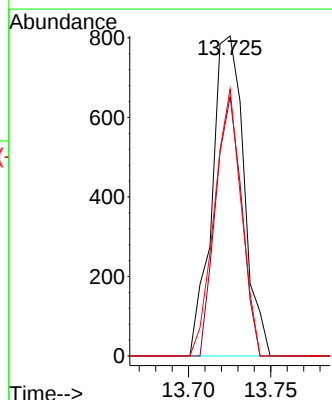
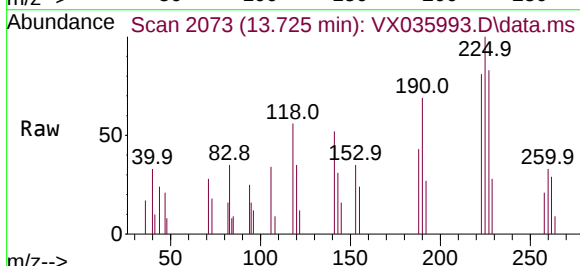
Tgt Ion:225 Resp: 1090

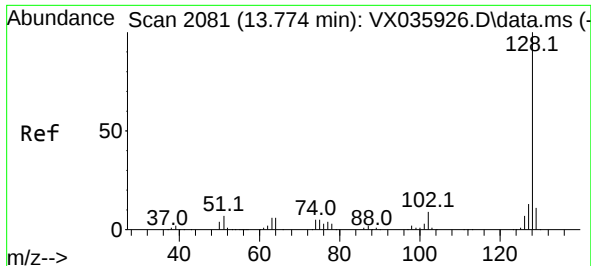
Ion Ratio Lower Upper

225 100

223 66.0 32.6 97.7

227 70.0 31.9 95.7

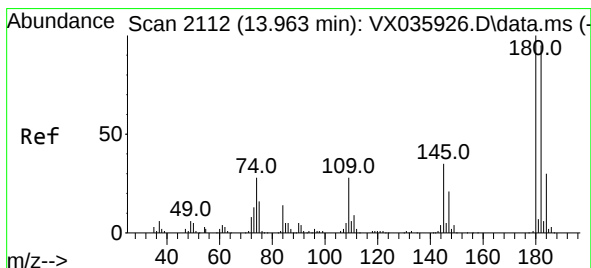
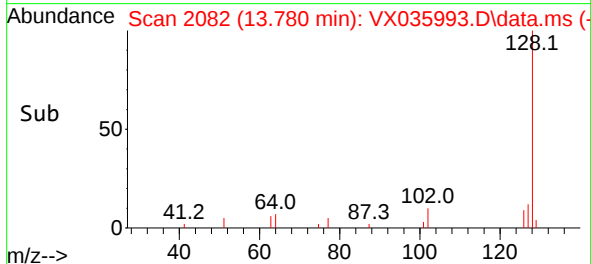
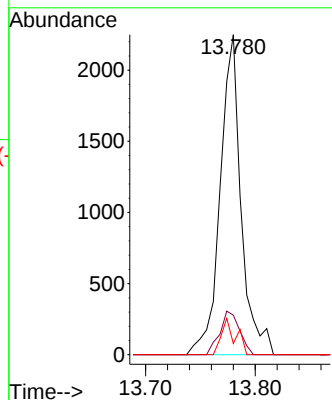
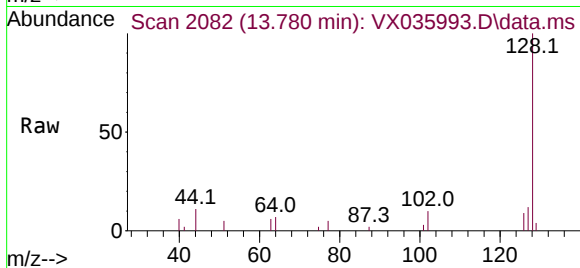




#95
Naphthalene
Concen: 0.274 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VX0605MBL01

Tgt Ion:128 Resp: 2988
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 7.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.314 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035993.D
Acq: 05 Jun 2023 10:26

Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.7
145 33.1 18.1 54.3

