

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025394.D
 Acq On : 30 Nov 2021 13:50
 Operator : JC/MD
 Sample : M4826-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-B-112321

Quant Time: Dec 01 02:21:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

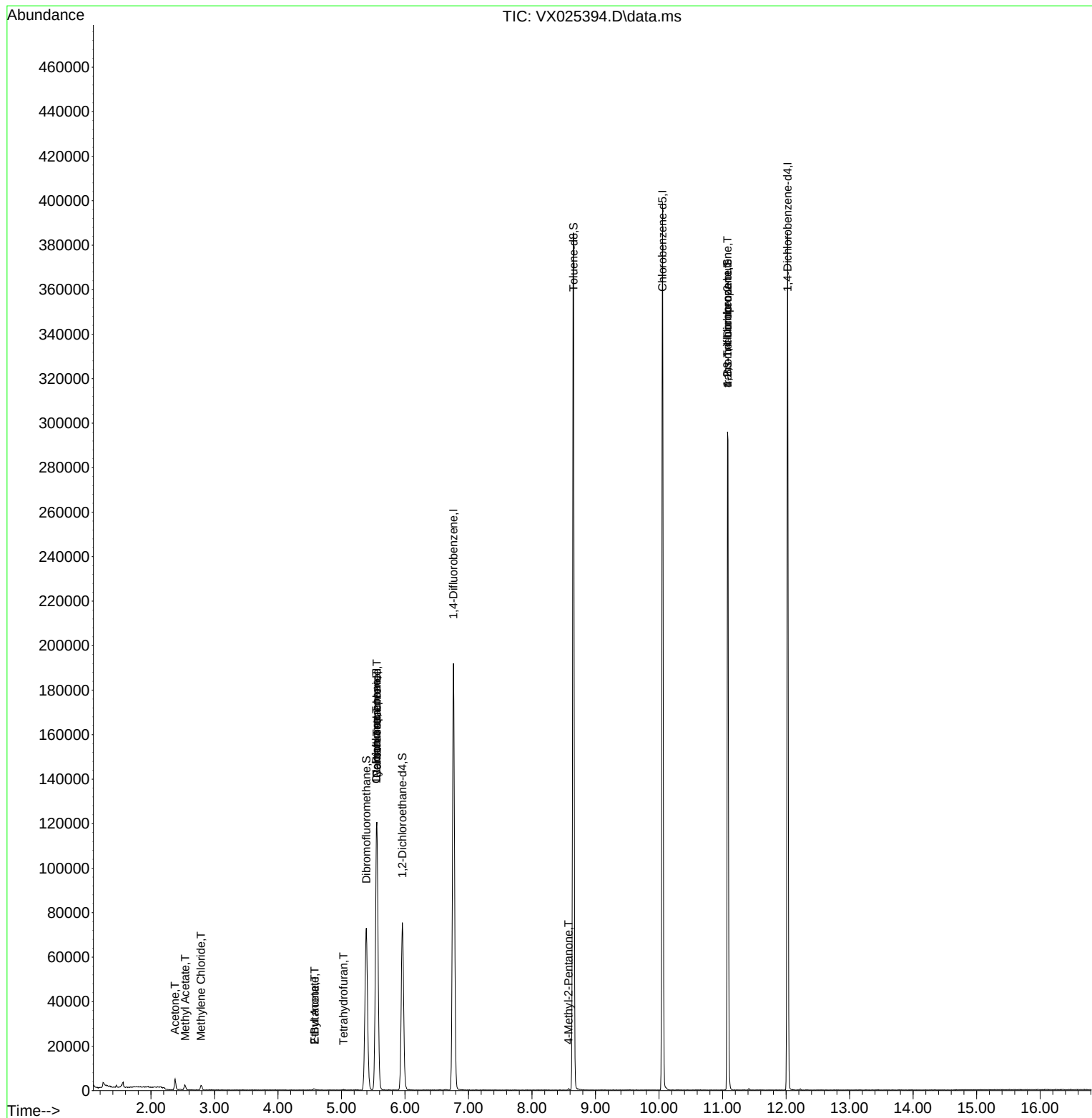
Internal Standards						
1) Pentafluorobenzene	5.556	168	124142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69847	53.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.760%
35) Dibromofluoromethane	5.391	113	62165	49.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.700%
50) Toluene-d8	8.653	98	233327	49.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	82413	46.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	48	Below Cal	#	72
16) Acetone	2.380	43	5111	7.029	ug/l	95
18) Methyl Acetate	2.538	43	621	0.267	ug/l #	52
20) Methylene Chloride	2.788	84	1077	0.788	ug/l	95
25) 2-Butanone	4.574	43	1011	0.962	ug/l	95
29) Tetrahydrofuran	5.032	42	166	0.255	ug/l #	43
31) Cyclohexane	5.550	56	2225	1.100	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	8430	4.754	ug/l #	50
37) Ethyl Acetate	4.574	43	1011	0.501	ug/l #	68
38) Carbon Tetrachloride	5.556	117	11293	5.782	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	435	0.207	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	39480	23.426	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39480	59.015	ug/l #	9
95) Naphthalene	13.792	128	49	Below Cal	#	69

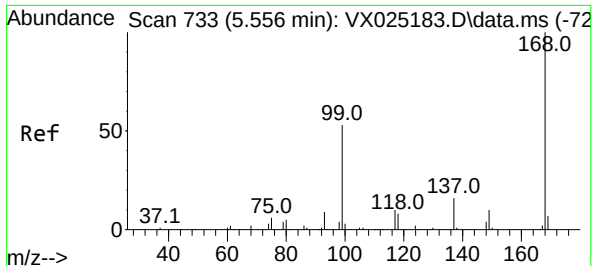
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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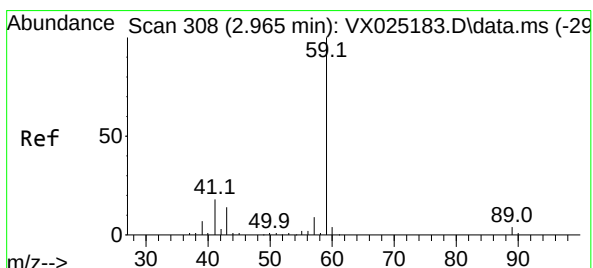
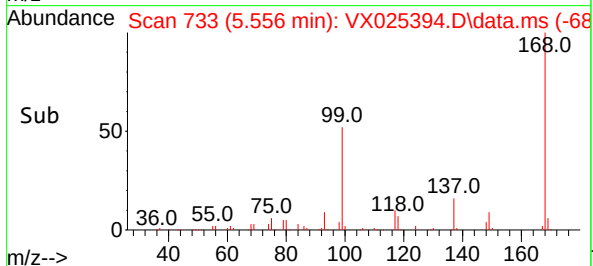
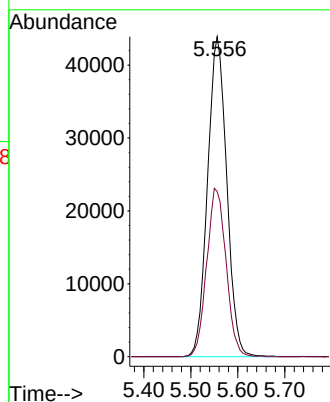
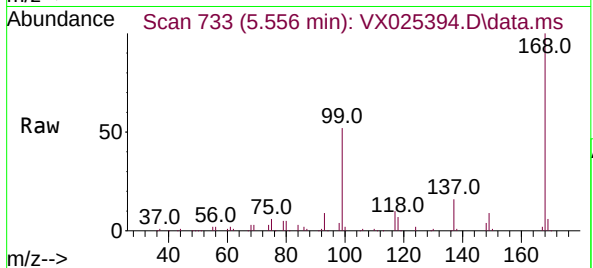




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

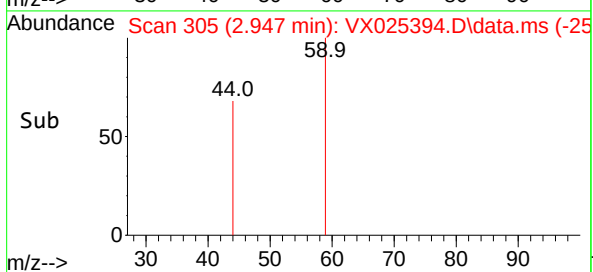
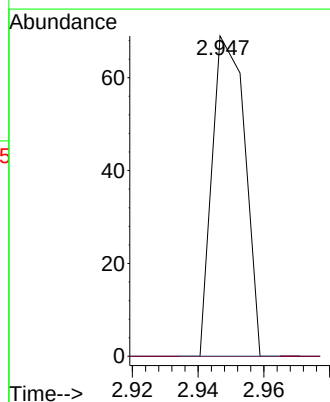
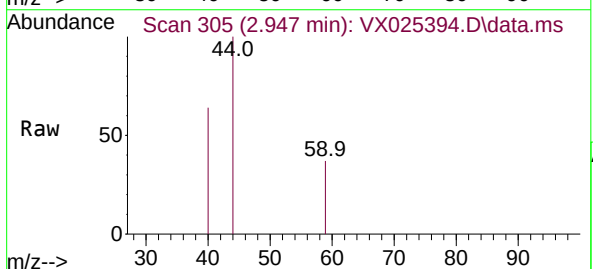
Instrument :
MSVOA_X
ClientSampleId :
EB-01-B-112321

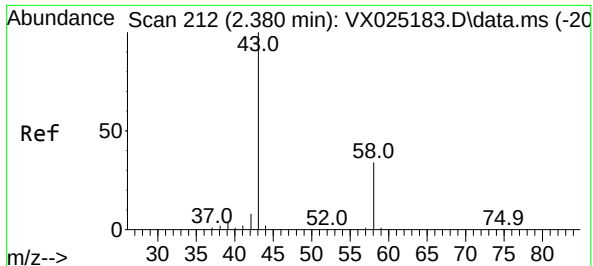
Tgt Ion:168 Resp: 124142
Ion Ratio Lower Upper
168 100
99 51.7 46.4 69.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

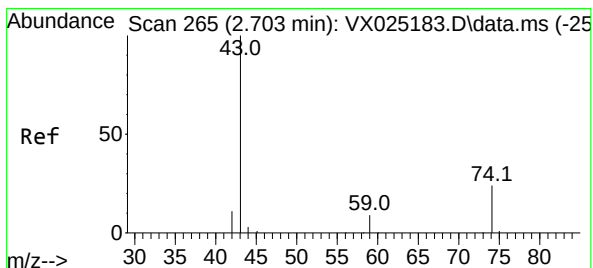
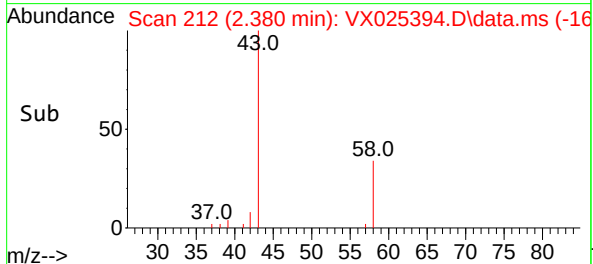
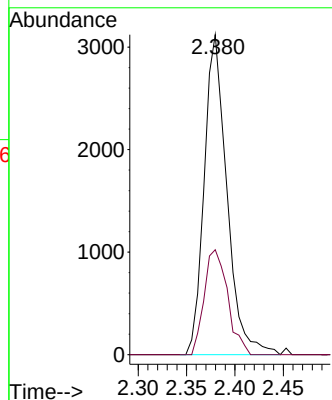
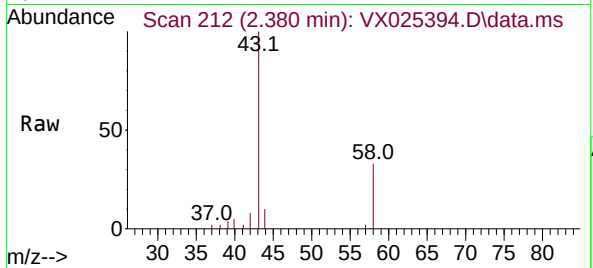




#16
Acetone
Concen: 7.029 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

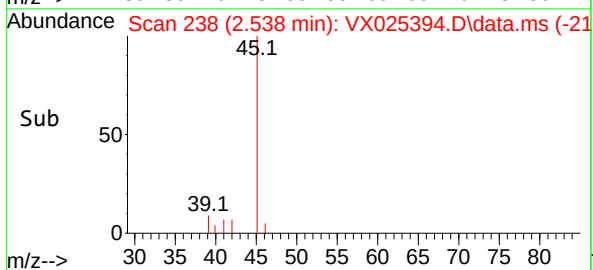
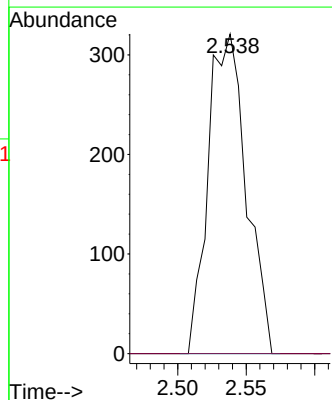
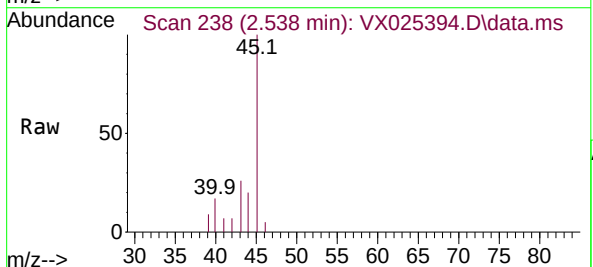
Instrument :
MSVOA_X
ClientSampleId :
EB-01-B-112321

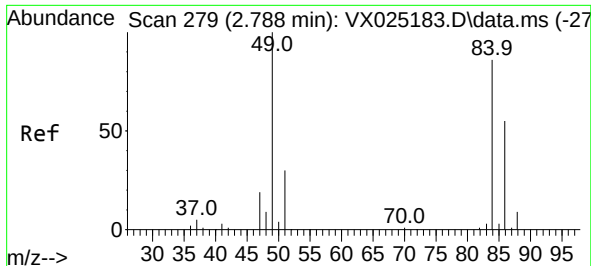
Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
58 32.8 24.0 36.0



#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#





#20

Methylene Chloride

Concen: 0.788 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

EB-01-B-112321

Tgt Ion: 84 Resp: 1077

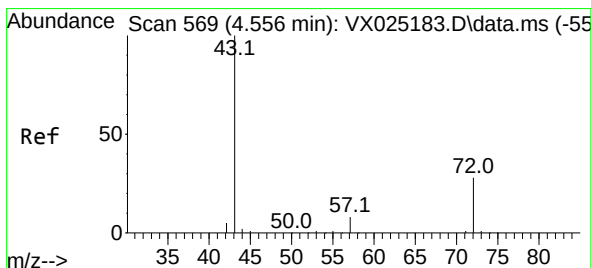
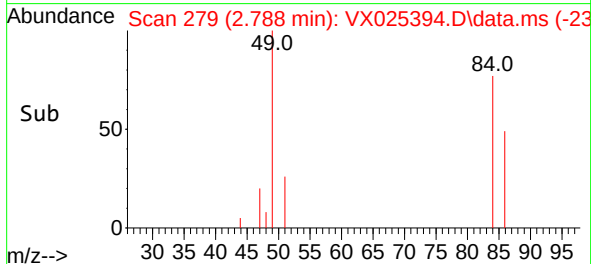
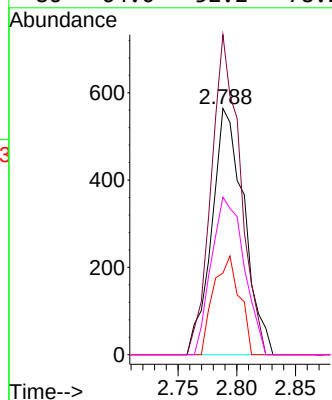
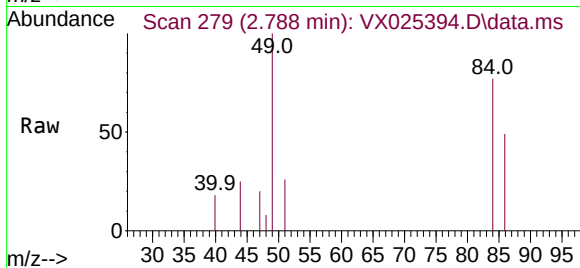
Ion Ratio Lower Upper

84 100

49 130.0 98.2 147.2

51 33.2 30.2 45.4

86 64.0 52.2 78.2



#25

2-Butanone

Concen: 0.962 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX025394.D

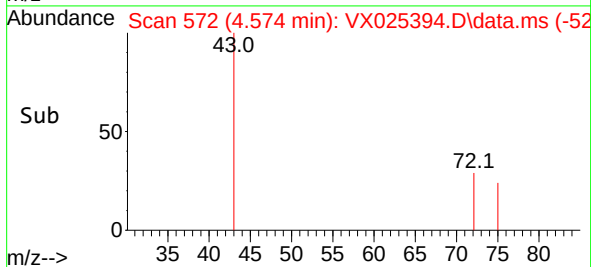
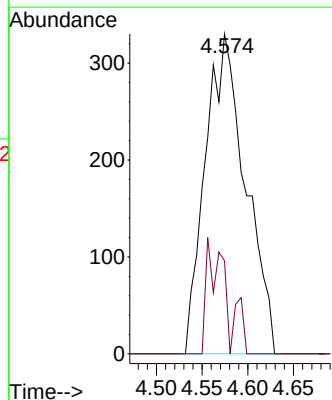
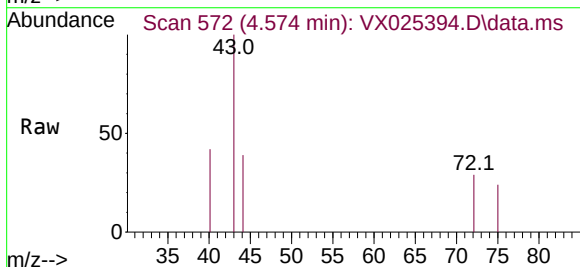
Acq: 30 Nov 2021 13:50

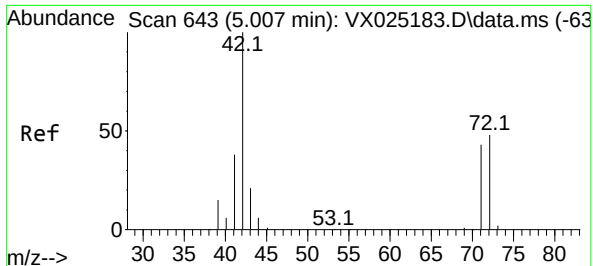
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

72 29.1 21.2 31.8





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

EB-01-B-112321

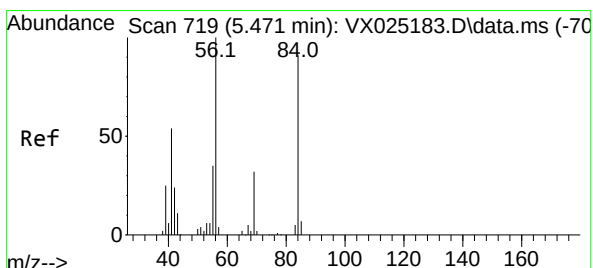
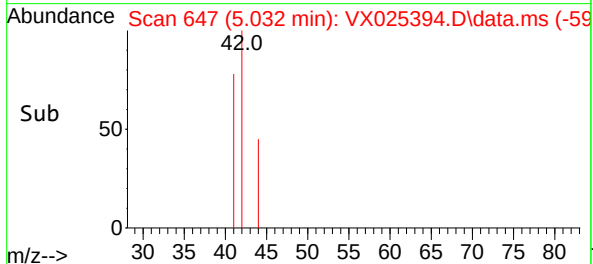
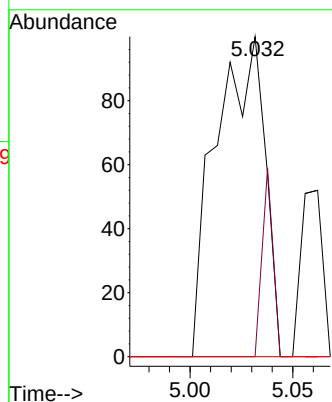
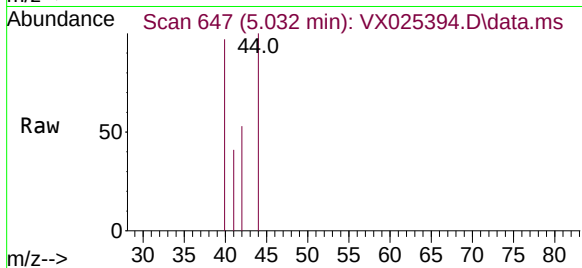
Tgt Ion: 42 Resp: 166

Ion Ratio Lower Upper

42 100

72 13.3 36.1 54.1#

71 0.0 33.7 50.5#



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

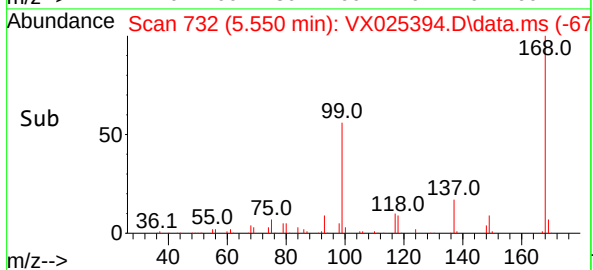
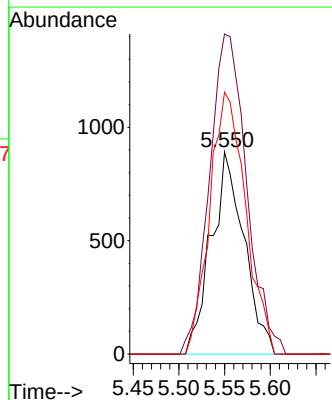
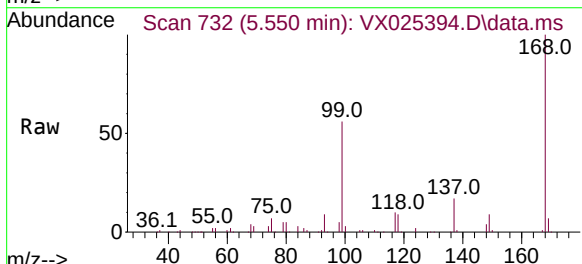
Tgt Ion: 56 Resp: 2225

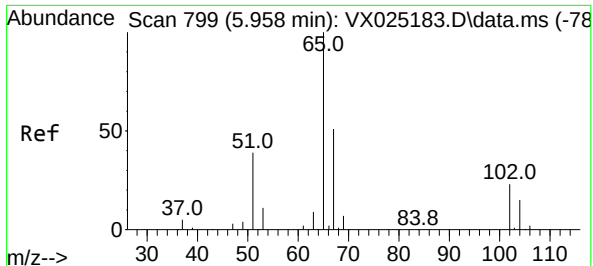
Ion Ratio Lower Upper

56 100

69 158.3 24.2 36.2#

84 129.5 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 53.378 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

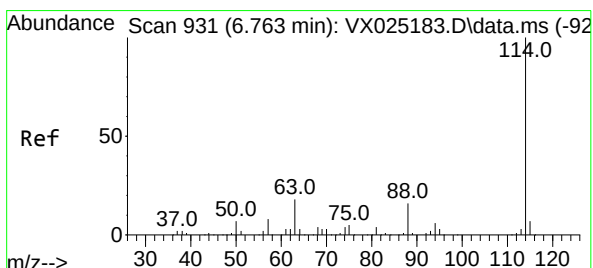
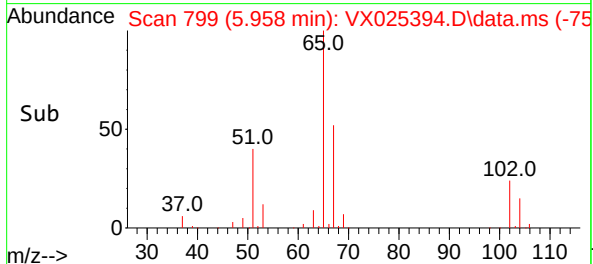
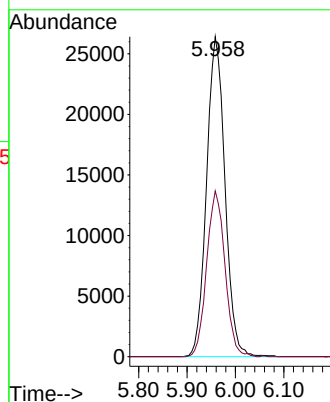
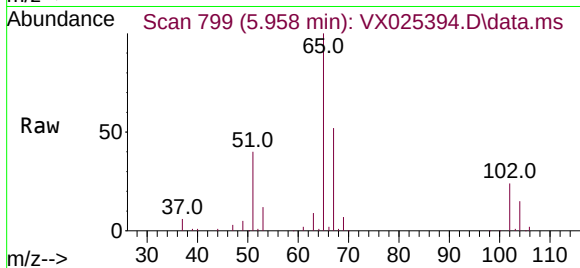
EB-01-B-112321

Tgt Ion: 65 Resp: 69847

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

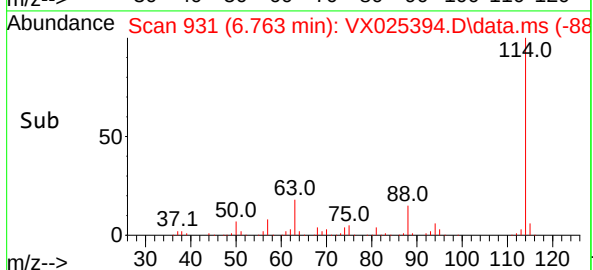
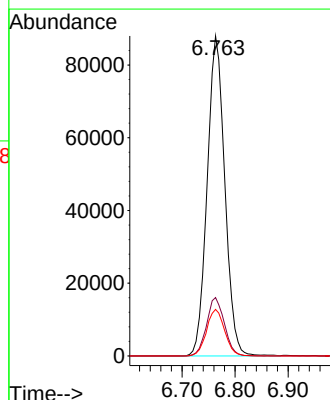
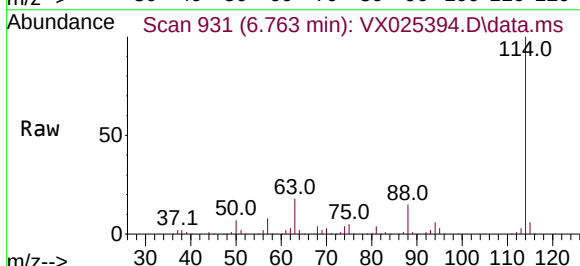
Tgt Ion: 114 Resp: 203244

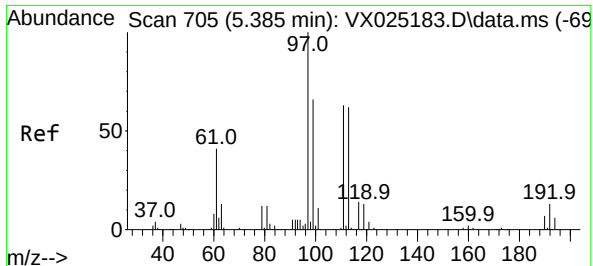
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 14.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.850 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025394.D

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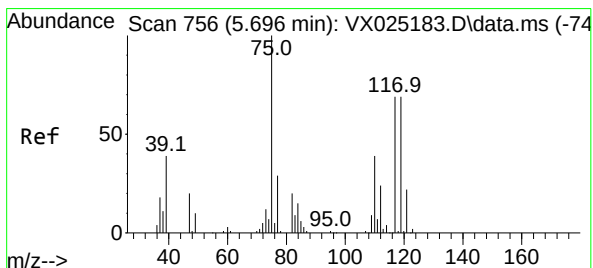
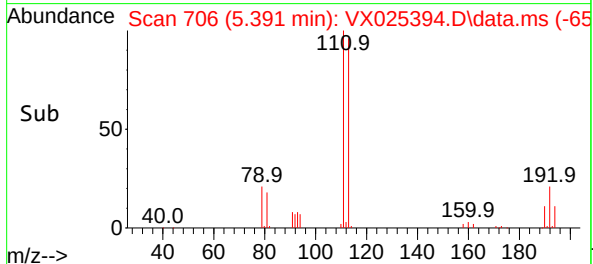
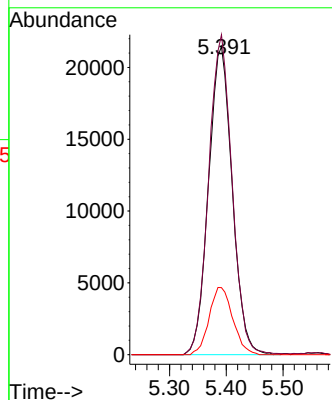
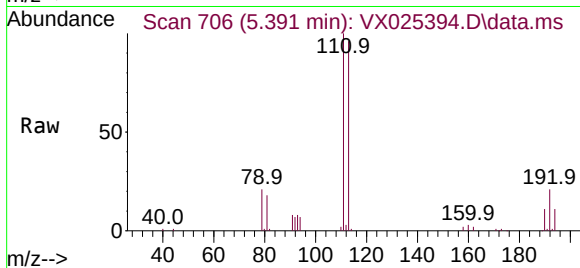
Tgt Ion:113 Resp: 62165

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 21.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

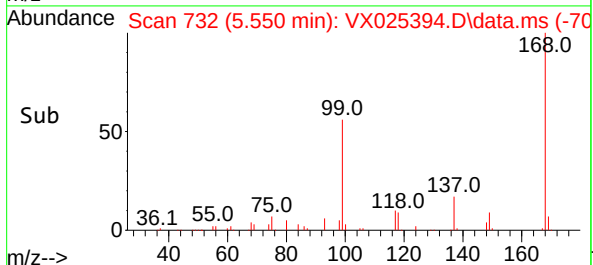
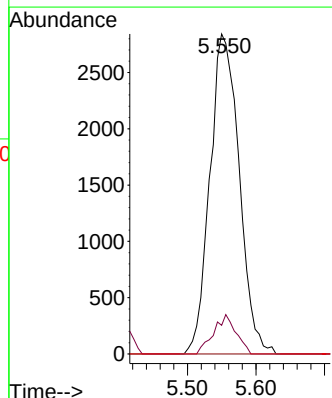
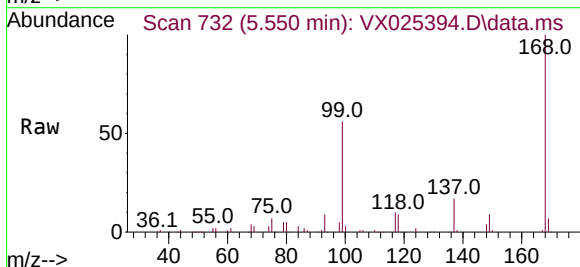
Tgt Ion: 75 Resp: 8430

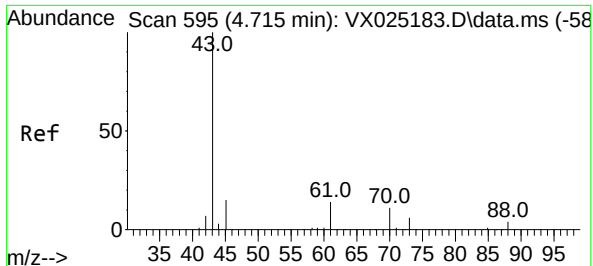
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.501 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.141 min

Lab File: VX025394.D

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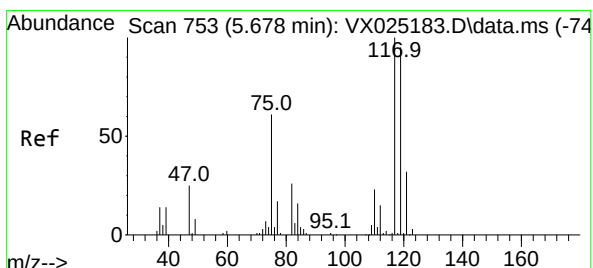
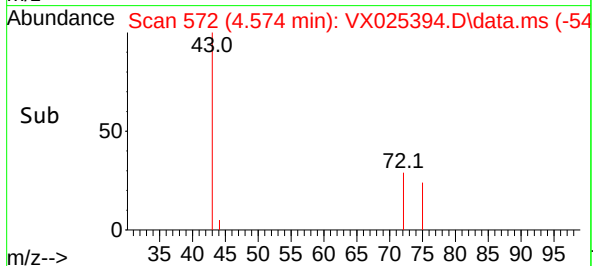
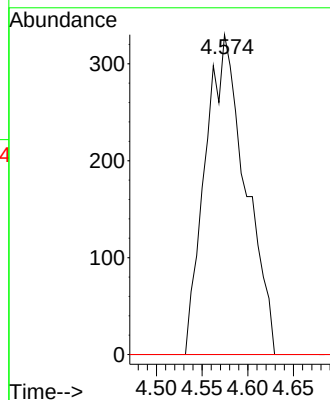
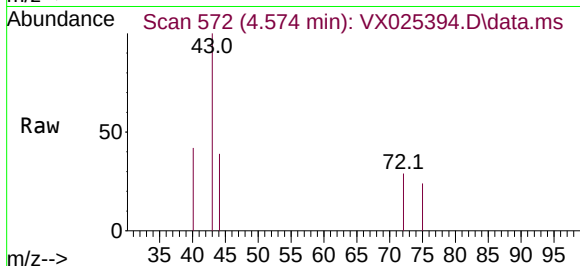
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.6 12.8#



#38

Carbon Tetrachloride

Concen: 5.782 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

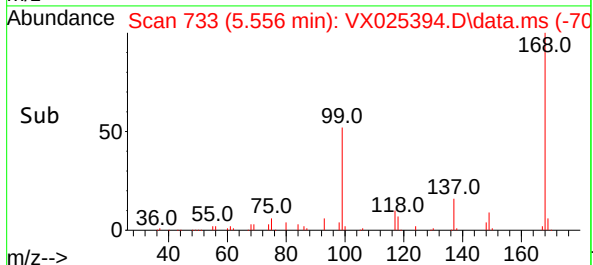
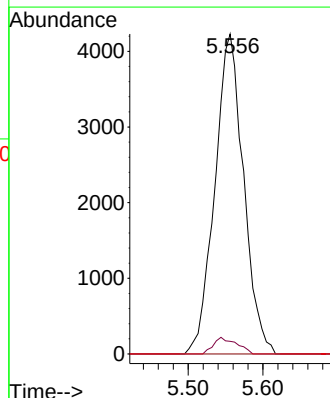
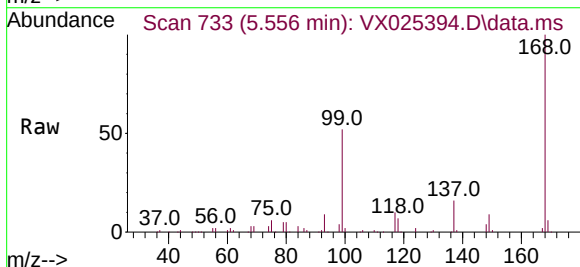
Tgt Ion: 117 Resp: 11293

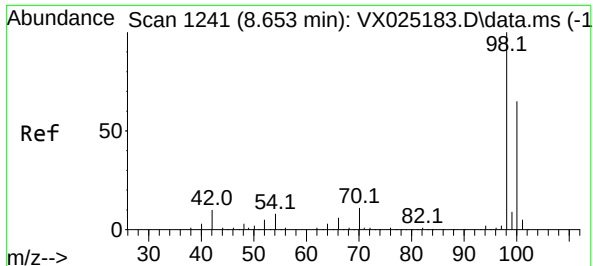
Ion Ratio Lower Upper

117 100

119 3.9 75.6 113.4#

121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.764 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

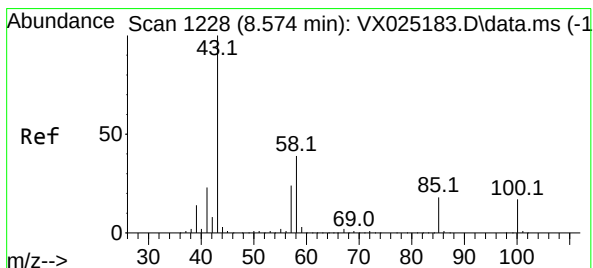
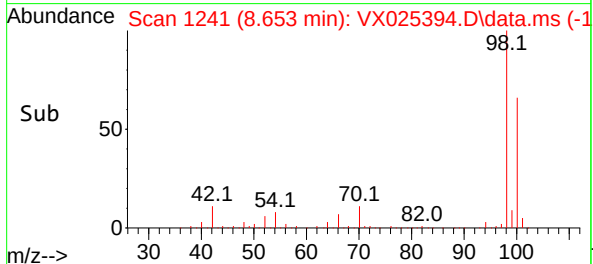
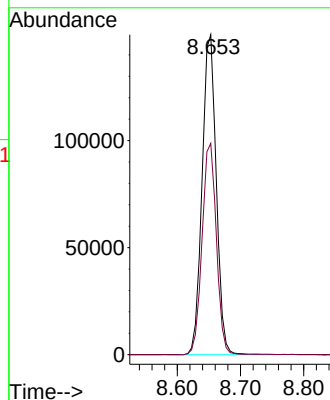
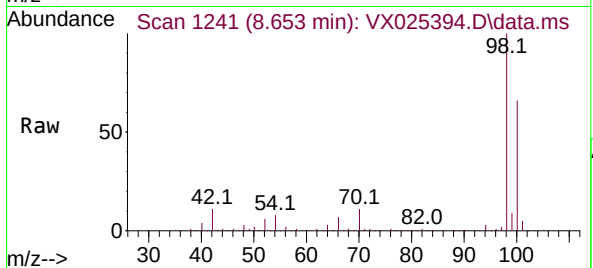
EB-01-B-112321

Tgt Ion: 98 Resp: 233327

Ion Ratio Lower Upper

98 100

100 66.7 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.207 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025394.D

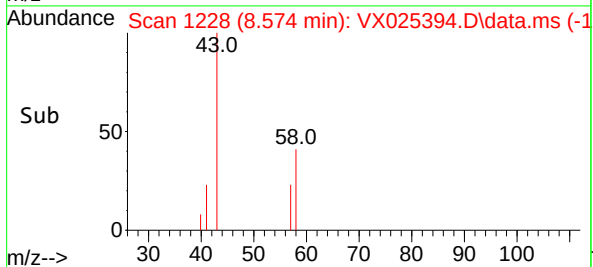
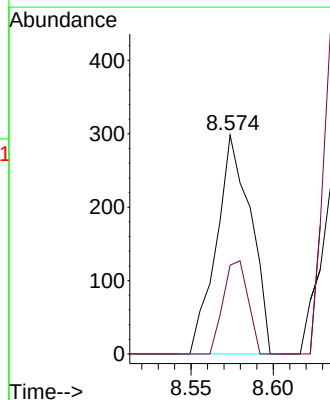
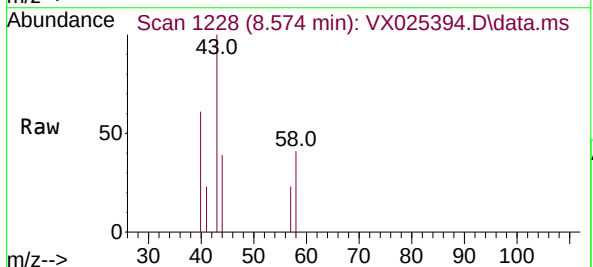
Acq: 30 Nov 2021 13:50

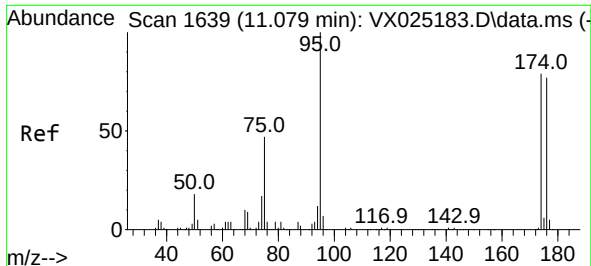
Tgt Ion: 43 Resp: 435

Ion Ratio Lower Upper

43 100

58 30.6 30.9 46.3#

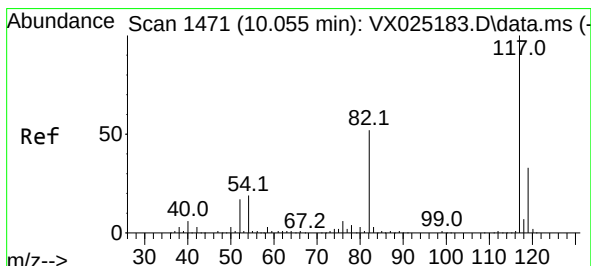
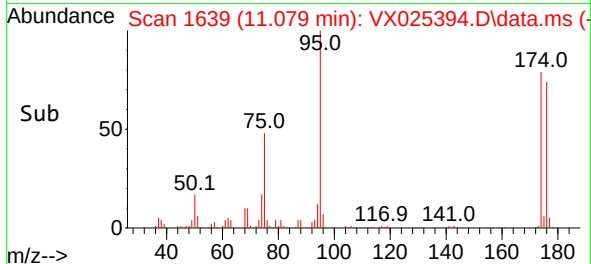
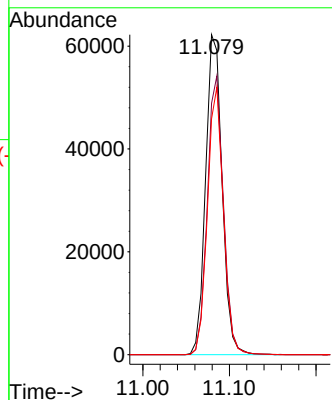
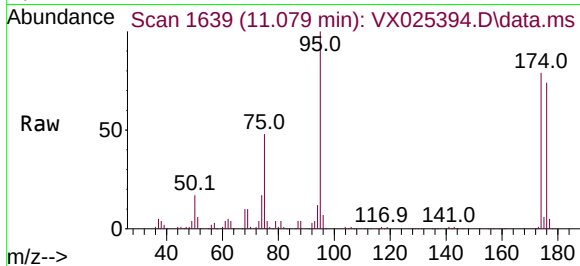




#62
4-Bromofluorobenzene
Concen: 46.462 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

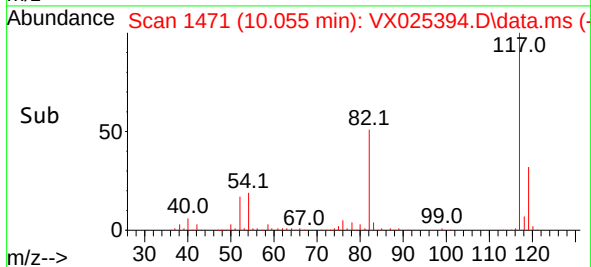
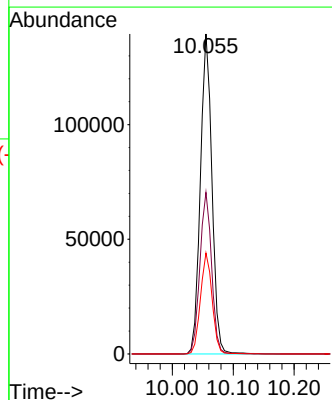
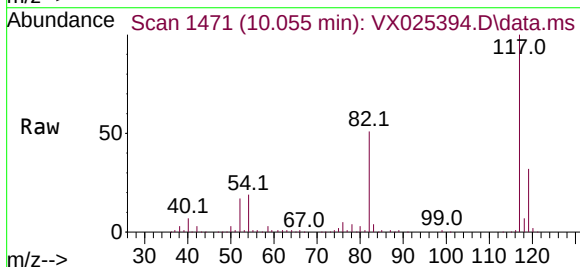
Instrument :
MSVOA_X
ClientSampleId :
EB-01-B-112321

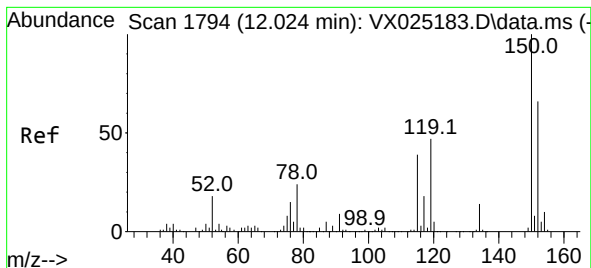
Tgt Ion: 95 Resp: 82413
Ion Ratio Lower Upper
95 100
174 85.3 0.0 158.0
176 81.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

Tgt Ion: 117 Resp: 183937
Ion Ratio Lower Upper
117 100
82 50.5 44.6 67.0
119 31.5 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025394.D

Acq: 30 Nov 2021 13:50

Instrument :

MSVOA_X

ClientSampleId :

EB-01-B-112321

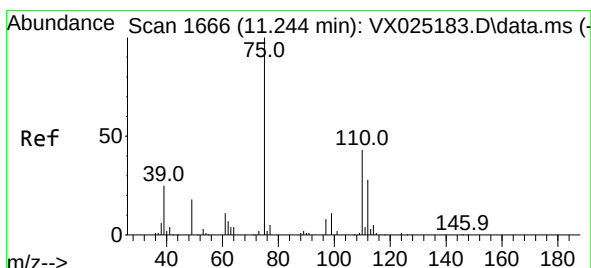
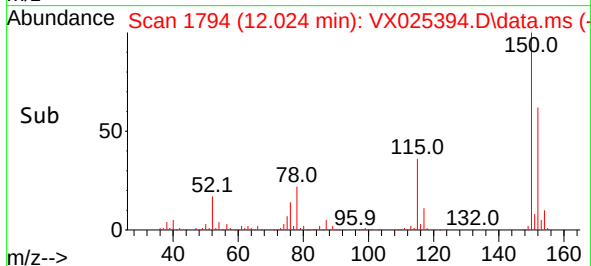
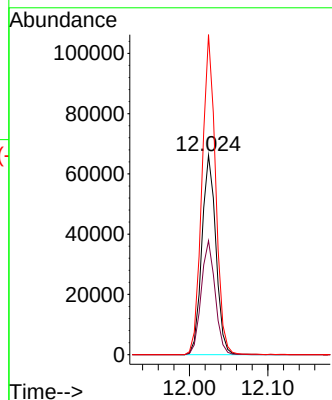
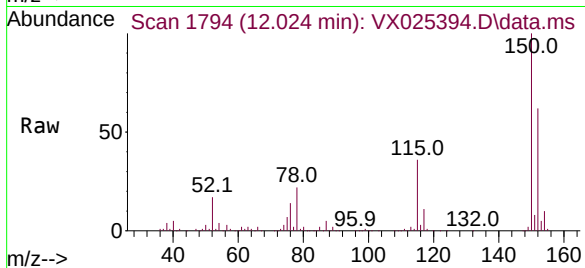
Tgt Ion:152 Resp: 82297

Ion Ratio Lower Upper

152 100

115 56.8 43.3 129.8

150 156.0 0.0 351.2



#76

1,2,3-Trichloropropane

Concen: 23.426 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025394.D

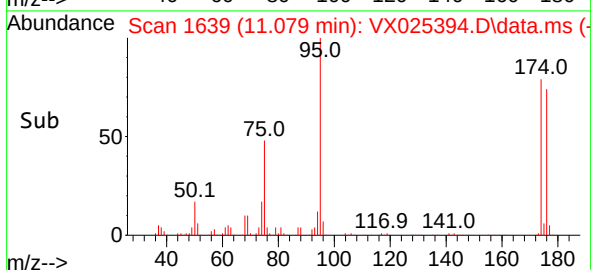
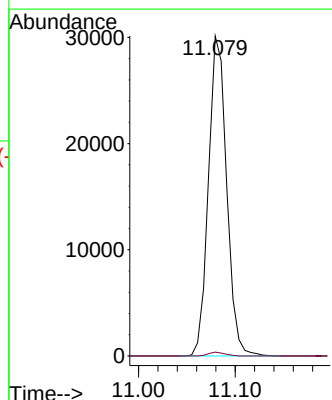
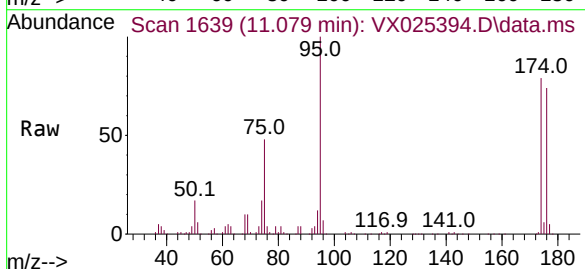
Acq: 30 Nov 2021 13:50

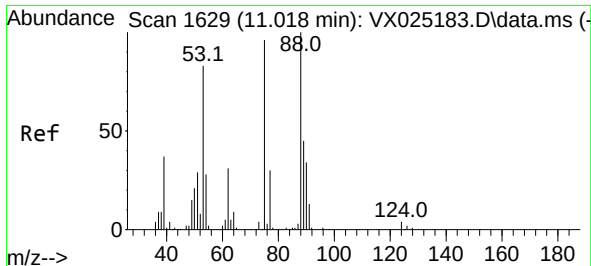
Tgt Ion: 75 Resp: 39480

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#

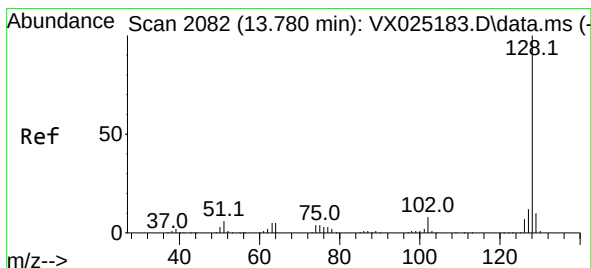
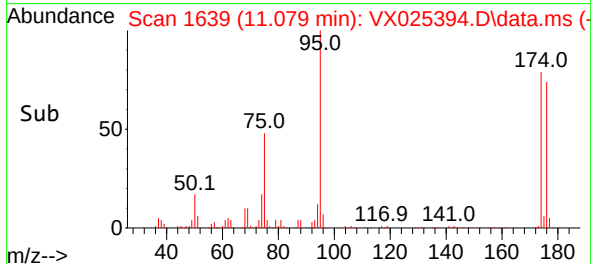
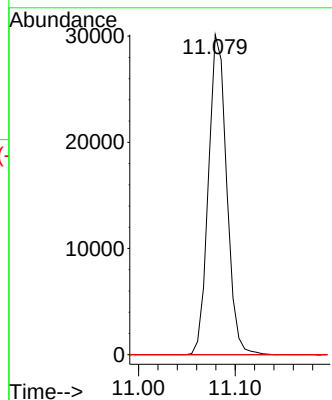
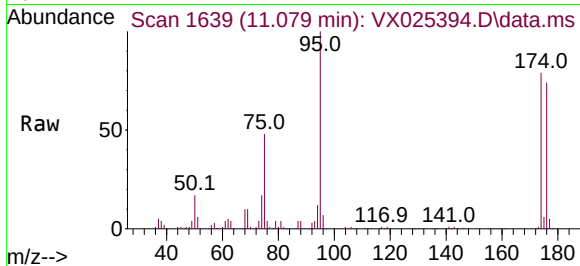




#81
trans-1,4-Dichloro-2-butene
Concen: 59.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

Instrument :
MSVOA_X
ClientSampleId :
EB-01-B-112321

Tgt Ion: 75 Resp: 39480
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX025394.D
Acq: 30 Nov 2021 13:50

Tgt Ion: 128 Resp: 49
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

