

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031282.D
 Acq On : 12 Sep 2022 18:36
 Operator : JC/MD
 Sample : N4536-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 090722-C

Quant Time: Sep 13 01:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

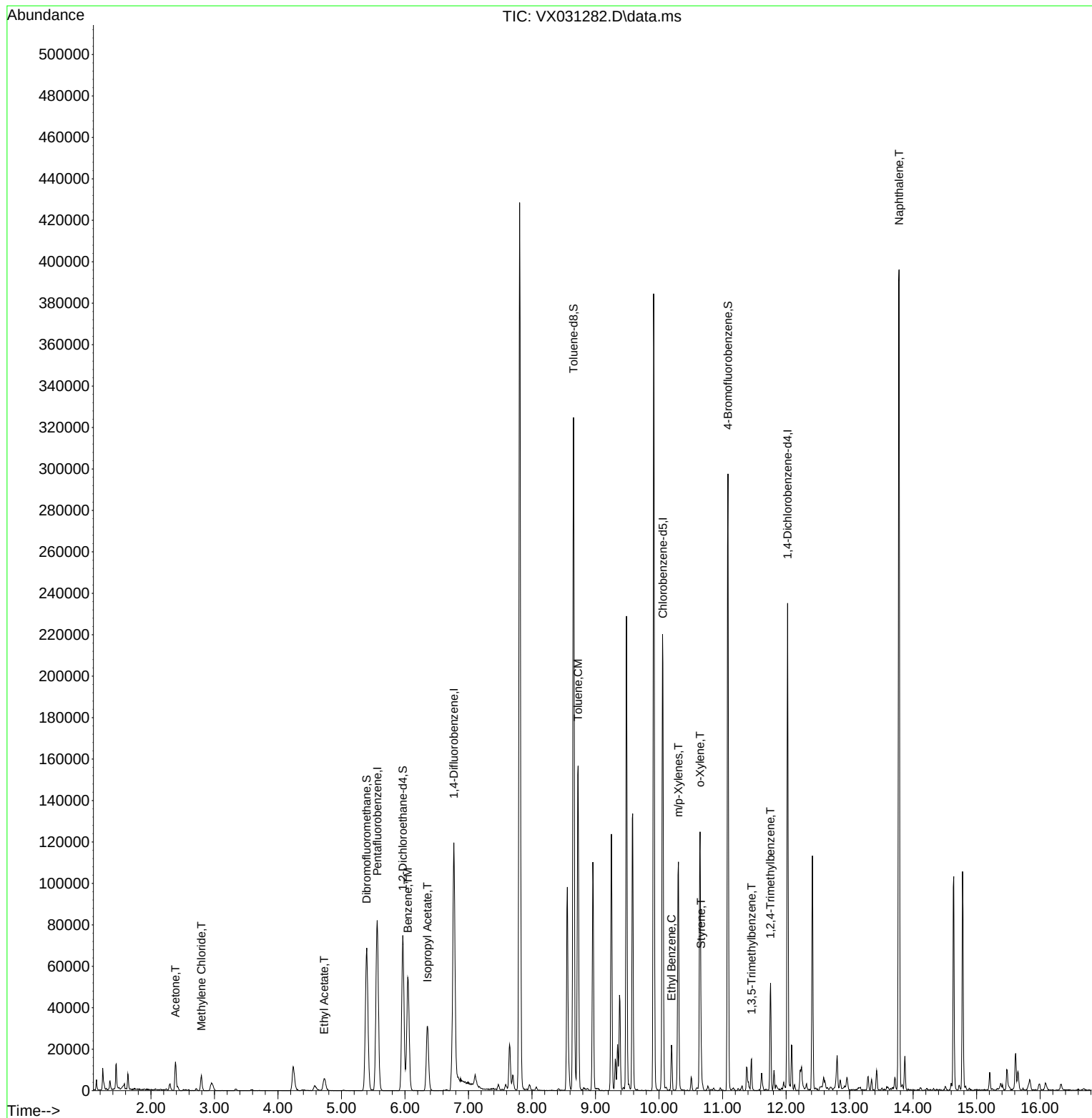
Internal Standards						
1) Pentafluorobenzene	5.562	168	69358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	98118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84910	51.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.420%	
35) Dibromofluoromethane	5.397	113	57021	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.560%	
50) Toluene-d8	8.653	98	191706	44.216	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.440%	
62) 4-Bromofluorobenzene	11.085	95	74135	46.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	14493	25.490	ug/l	# 88
20) Methylene Chloride	2.794	84	3519	2.633	ug/l	89
37) Ethyl Acetate	4.727	43	10007	6.312	ug/l	# 92
40) Benzene	6.044	78	65879	13.570	ug/l	99
43) Isopropyl Acetate	6.354	43	40914	16.368	ug/l	# 93
52) Toluene	8.726	92	59603	18.614	ug/l	96
67) Ethyl Benzene	10.195	91	12526	2.393	ug/l	# 88
68) m/p-Xylenes	10.305	106	24959	12.861	ug/l	92
69) o-Xylene	10.646	106	18464	9.533	ug/l	86
70) Styrene	10.659	104	8158	2.627	ug/l	# 62
80) 1,3,5-Trimethylbenzene	11.457	105	6680	2.017	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	20229	6.282	ug/l	84
95) Naphthalene	13.780	128	255052	71.340	ug/l	99

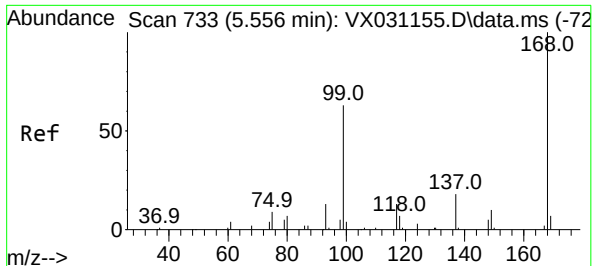
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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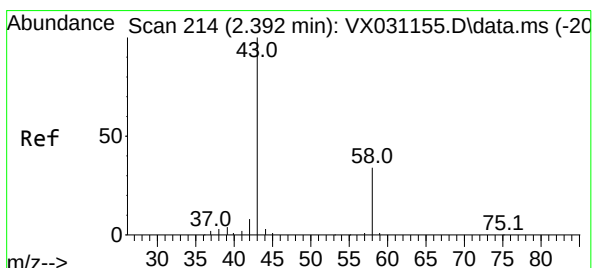
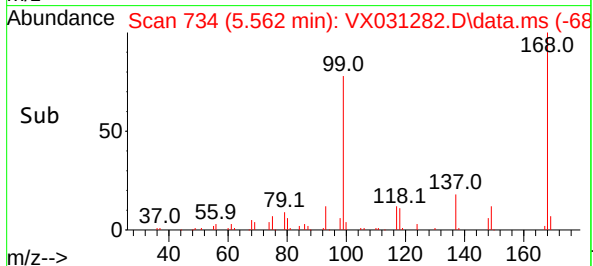
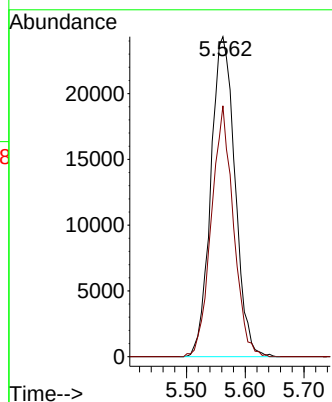
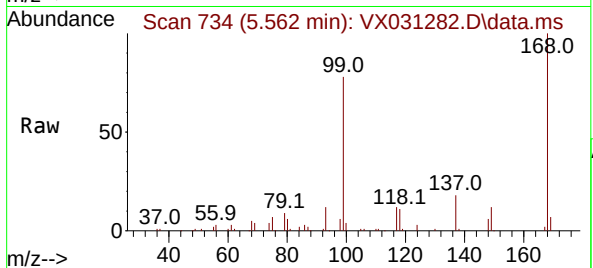




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

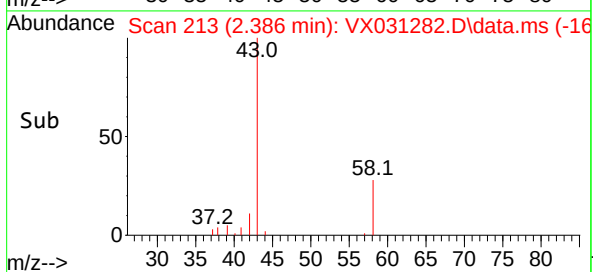
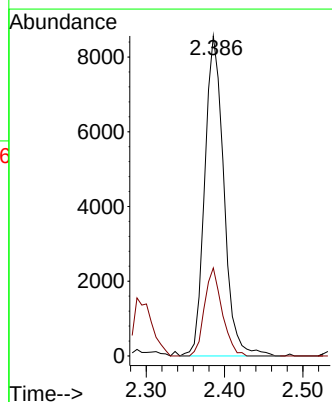
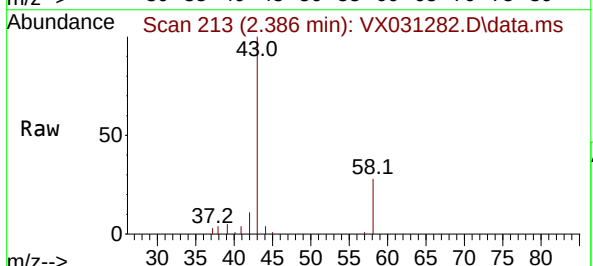
Instrument :
MSVOA_X
ClientSampleId :
090722-C

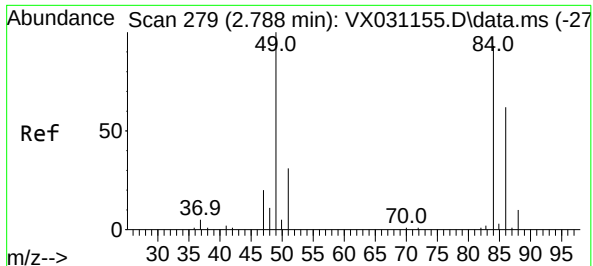
Tgt Ion:168 Resp: 69358
Ion Ratio Lower Upper
168 100
99 78.4 44.0 66.0#



#16
Acetone
Concen: 25.490 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion: 43 Resp: 14493
Ion Ratio Lower Upper
43 100
58 27.5 27.7 41.5#

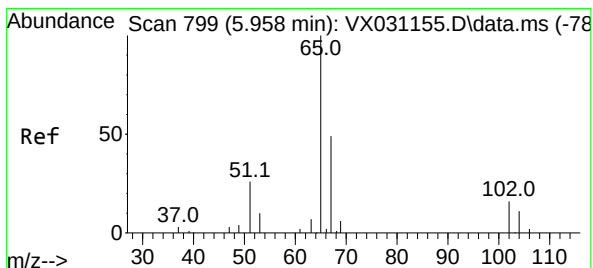
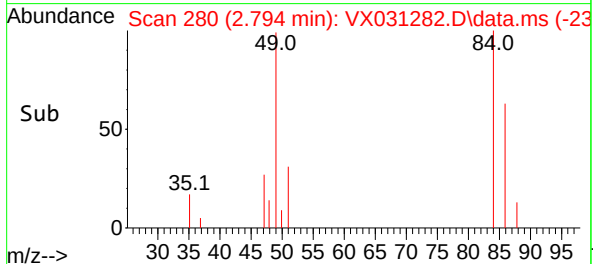
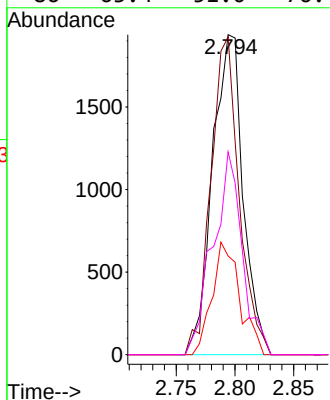
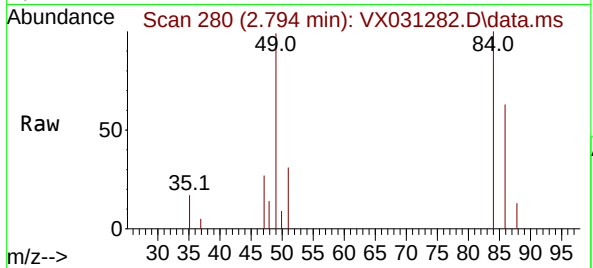




#20
Methylene Chloride
Concen: 2.633 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

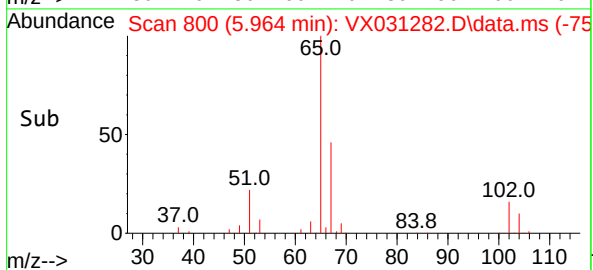
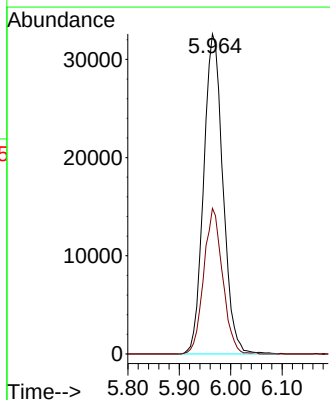
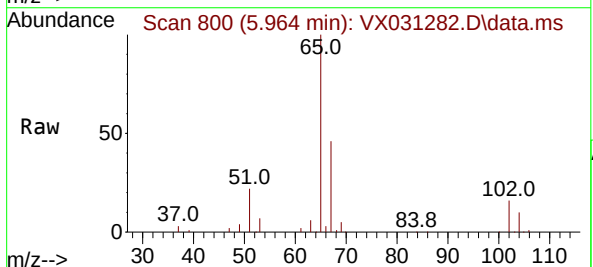
Instrument :
MSVOA_X
ClientSampleId :
090722-C

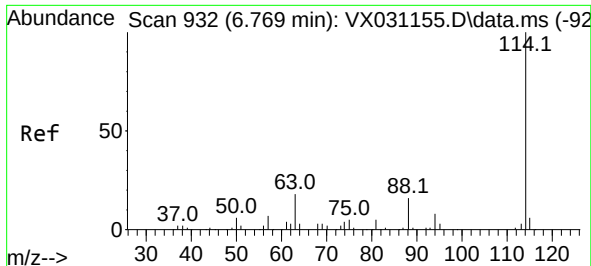
Tgt Ion: 84	Resp: 3519
Ion Ratio	Lower Upper
84 100	
49 99.3	93.8 140.6
51 30.9	29.4 44.0
86 63.4	51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 51.709 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion: 65	Resp: 84910
Ion Ratio	Lower Upper
65 100	
67 44.5	0.0 109.6

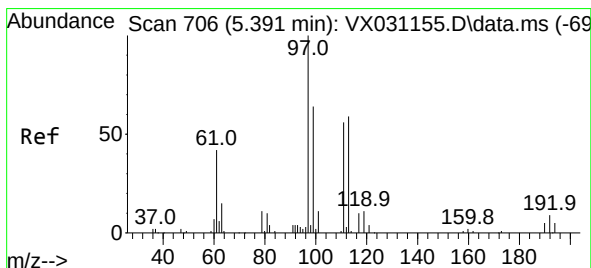
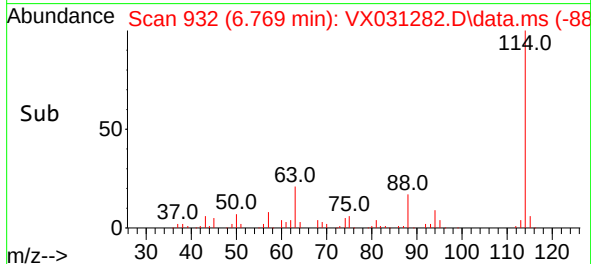
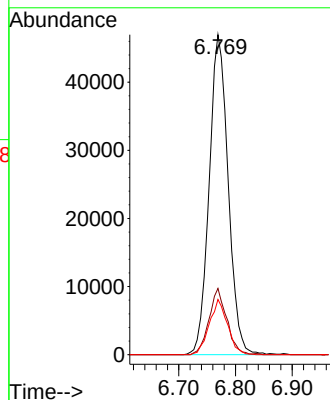
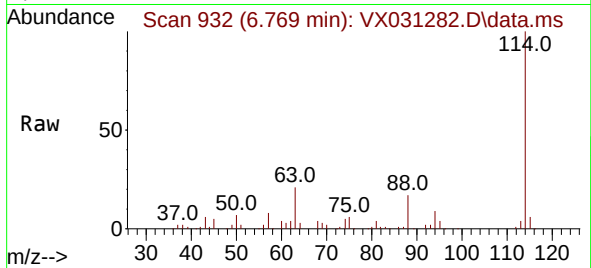




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

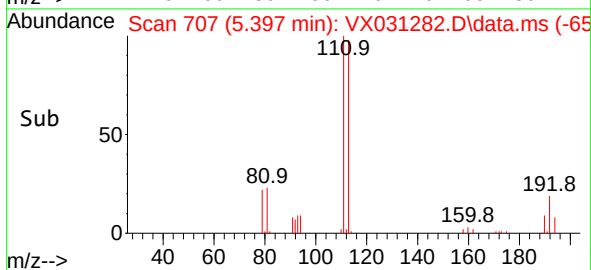
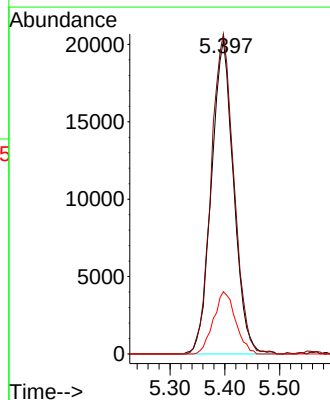
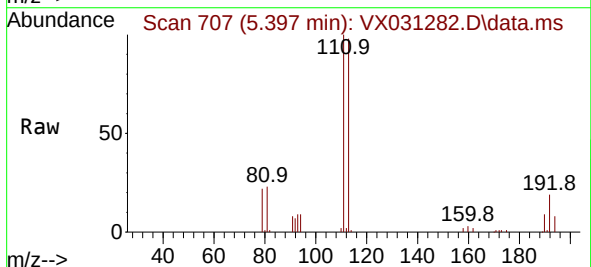
Instrument :
MSVOA_X
ClientSampleId :
090722-C

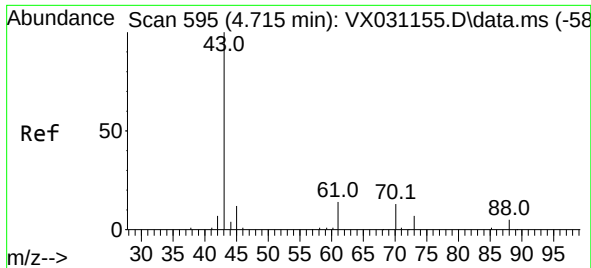
Tgt Ion:114 Resp: 109507
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.4
88 17.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.783 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion:113 Resp: 57021
Ion Ratio Lower Upper
113 100
111 104.9 83.2 124.8
192 19.7 14.8 22.2





#37

Ethyl Acetate

Concen: 6.312 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX031282.D

Acq: 12 Sep 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

090722-C

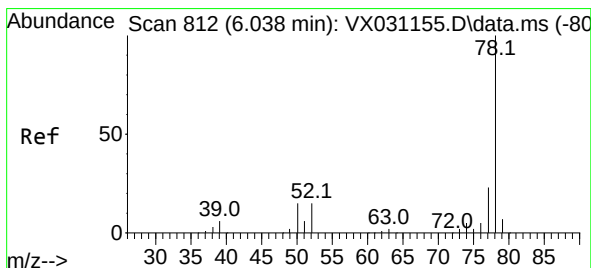
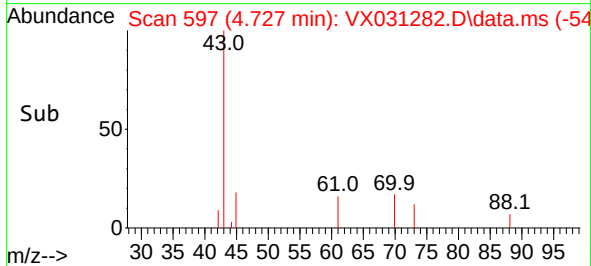
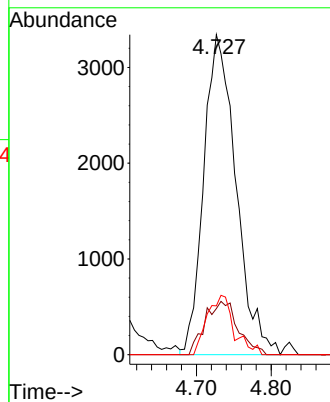
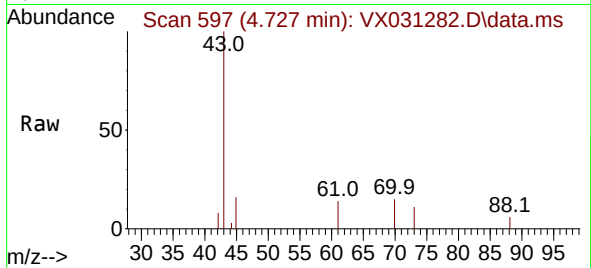
Tgt Ion: 43 Resp: 10007

Ion Ratio Lower Upper

43 100

61 17.1 11.7 17.5

70 15.5 9.3 13.9#



#40

Benzene

Concen: 13.570 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX031282.D

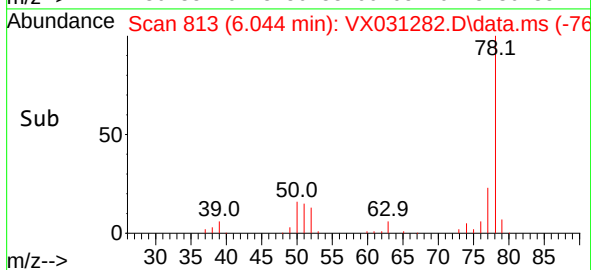
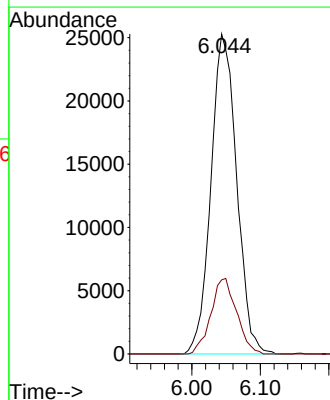
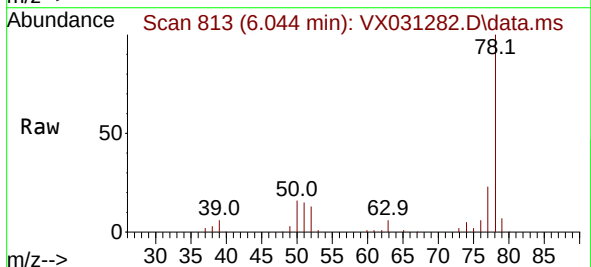
Acq: 12 Sep 2022 18:36

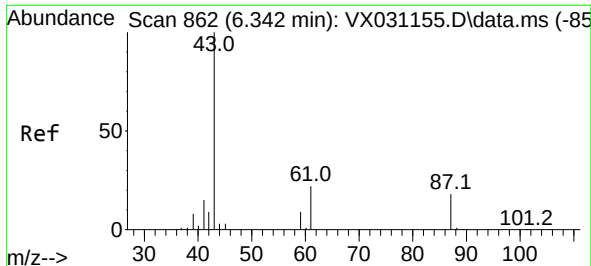
Tgt Ion: 78 Resp: 65879

Ion Ratio Lower Upper

78 100

77 23.2 18.0 27.0

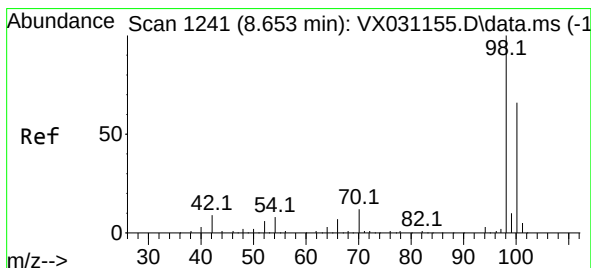
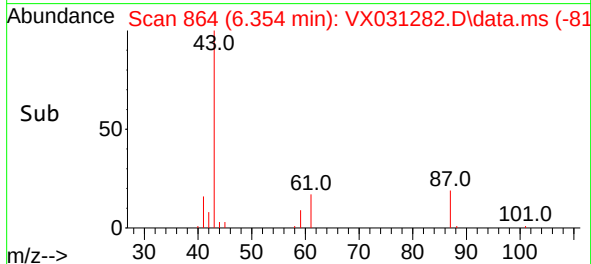
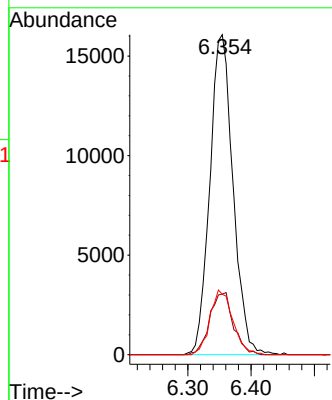
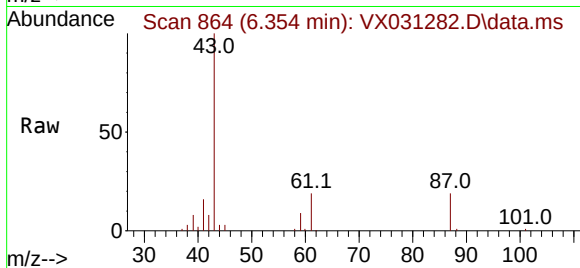




#43
Isopropyl Acetate
Concen: 16.368 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

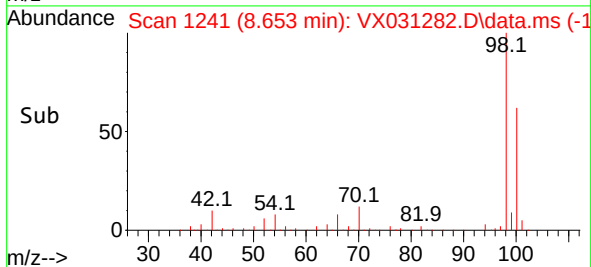
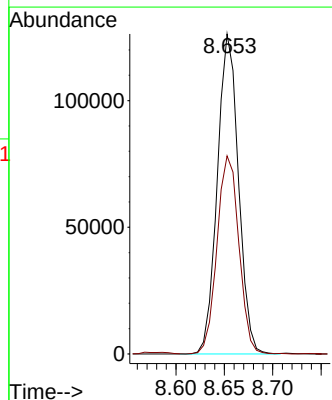
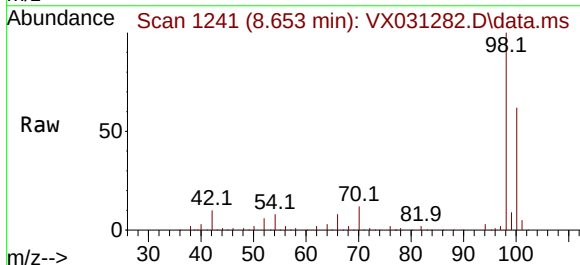
Instrument :
MSVOA_X
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090722-C

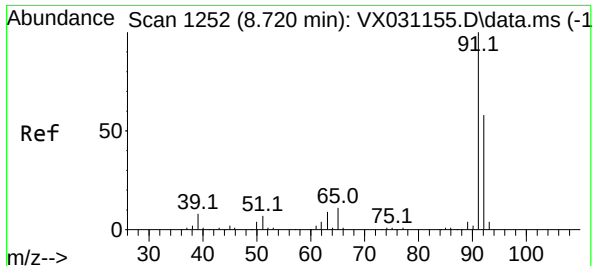
Tgt Ion: 43 Resp: 40914
Ion Ratio Lower Upper
43 100
61 19.7 16.5 24.7
87 19.9 11.1 16.7#



#50
Toluene-d8
Concen: 44.216 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion: 98 Resp: 191706
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

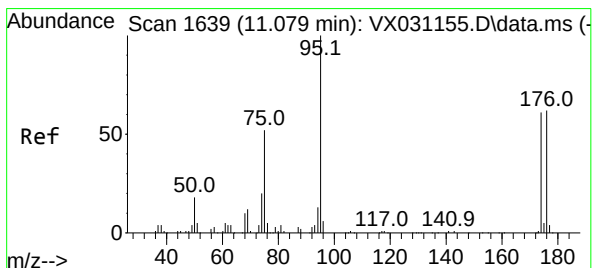
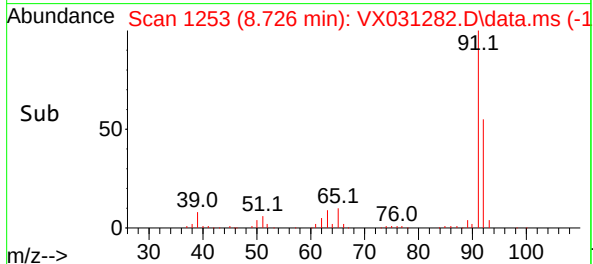
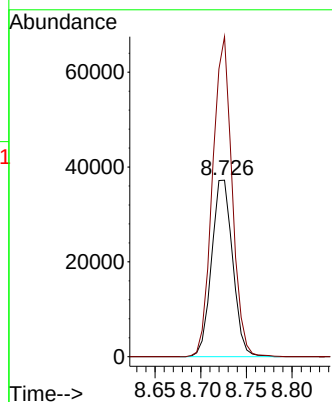
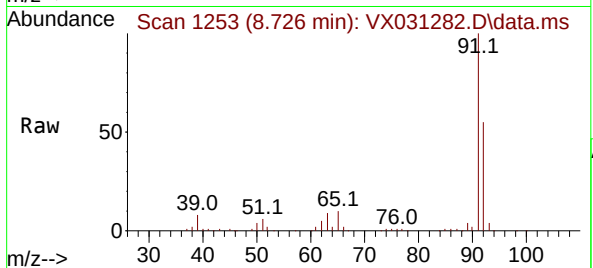




#52
Toluene
Concen: 18.614 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

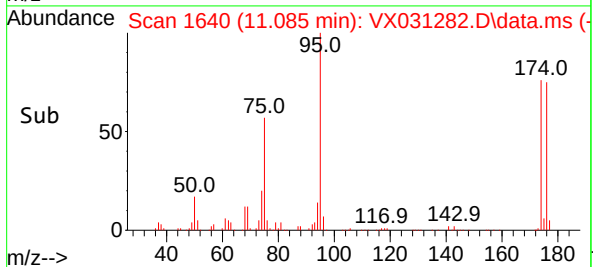
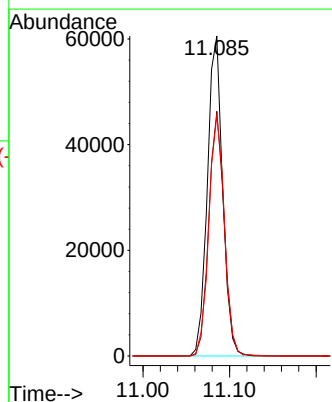
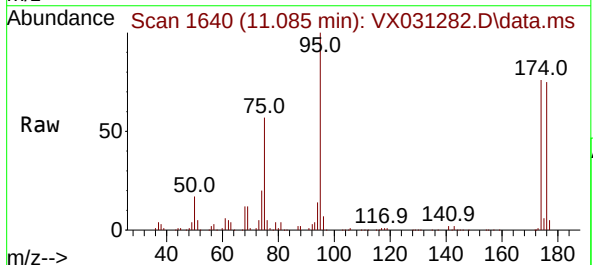
Instrument :
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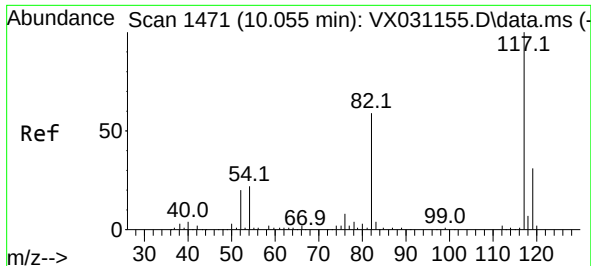
Tgt Ion: 92 Resp: 59603
Ion Ratio Lower Upper
92 100
91 168.4 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 46.659 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion: 95 Resp: 74135
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 76.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX031282.D

Acq: 12 Sep 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

090722-C

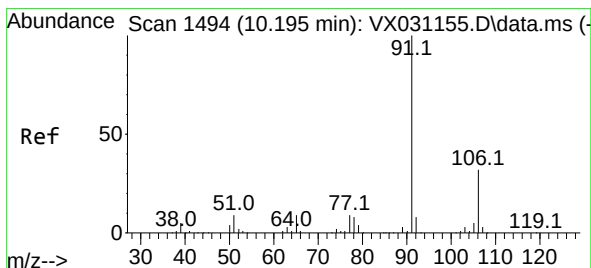
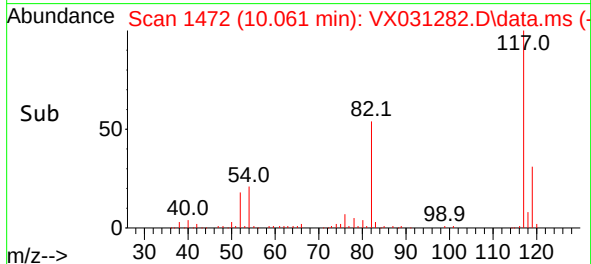
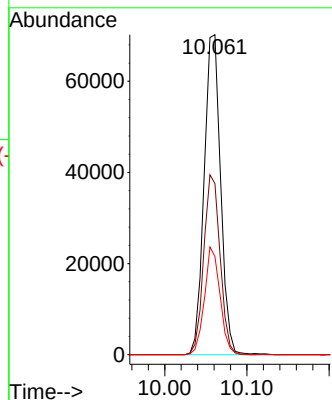
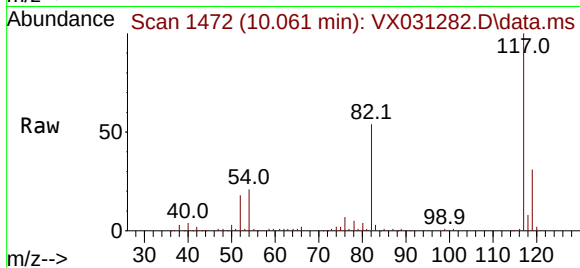
Tgt Ion:117 Resp: 98118

Ion Ratio Lower Upper

117 100

82 53.5 42.7 64.1

119 30.7 25.4 38.2



#67

Ethyl Benzene

Concen: 2.393 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX031282.D

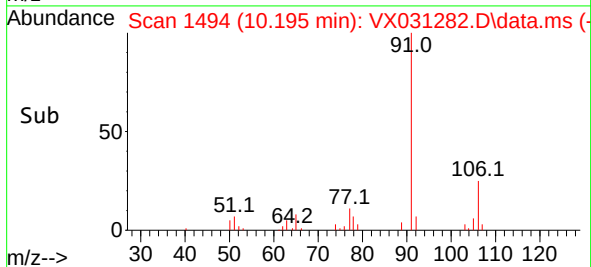
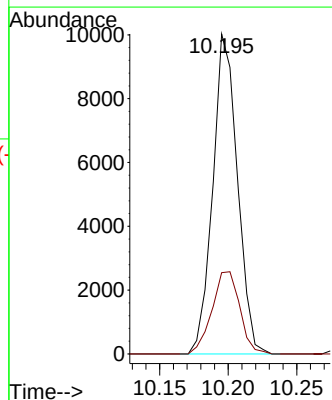
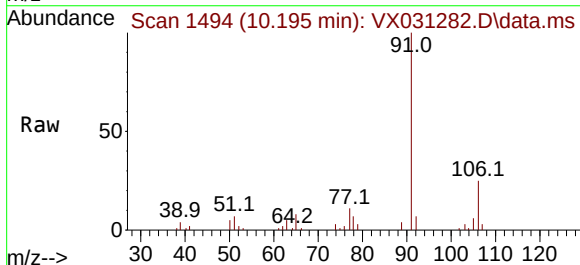
Acq: 12 Sep 2022 18:36

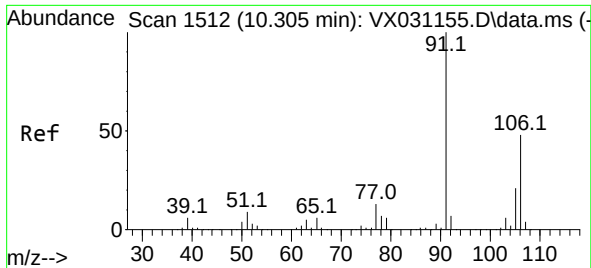
Tgt Ion: 91 Resp: 12526

Ion Ratio Lower Upper

91 100

106 25.4 25.5 38.3#

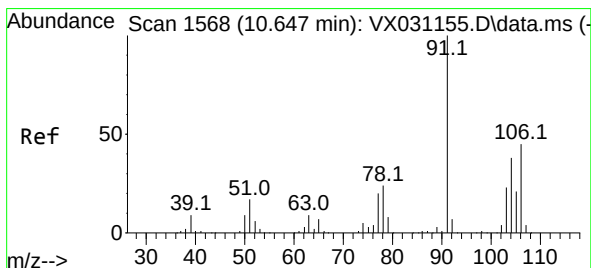
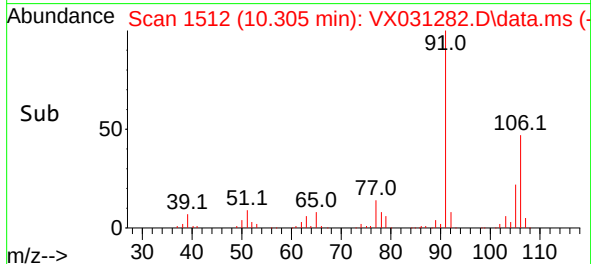
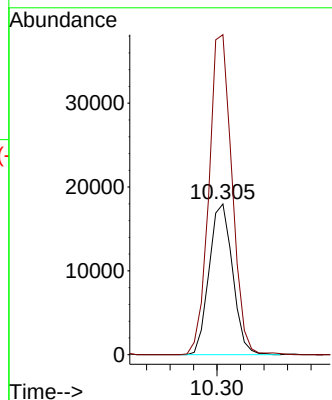
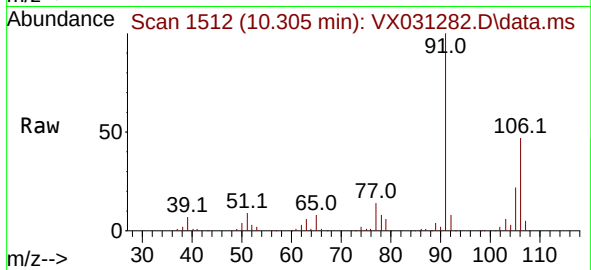




#68
m/p-Xylenes
Concen: 12.861 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

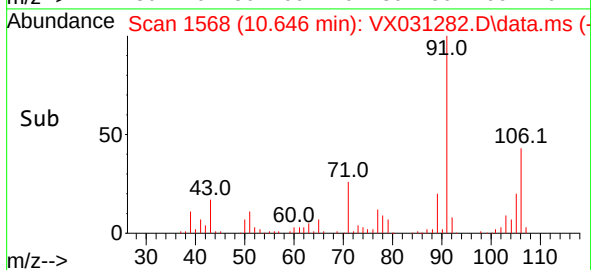
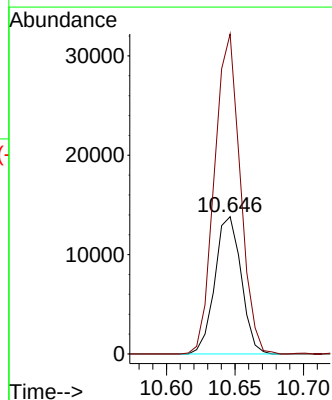
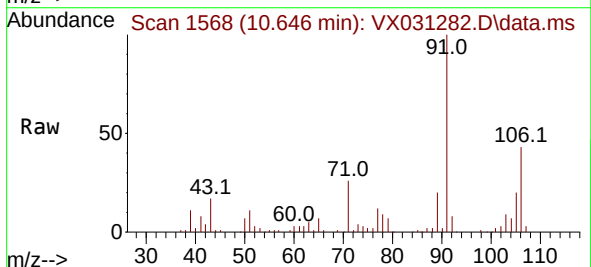
Instrument :
MSVOA_X
ClientSampleId :
090722-C

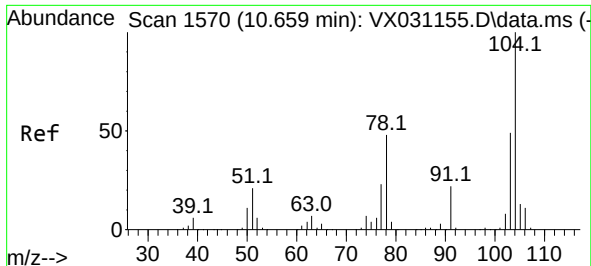
Tgt Ion:106 Resp: 24959
Ion Ratio Lower Upper
106 100
91 209.2 158.2 237.4



#69
o-Xylene
Concen: 9.533 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion:106 Resp: 18464
Ion Ratio Lower Upper
106 100
91 228.7 103.8 311.6

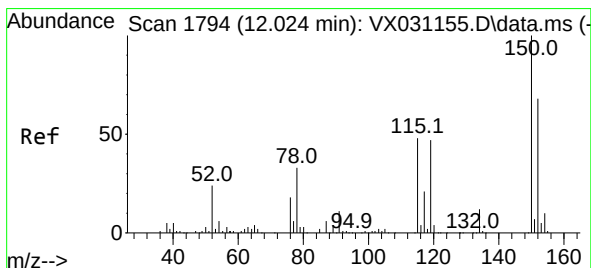
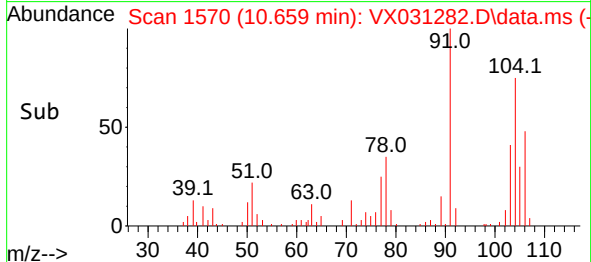
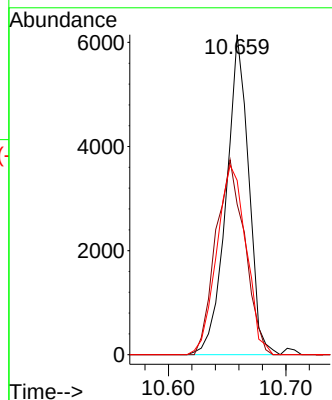
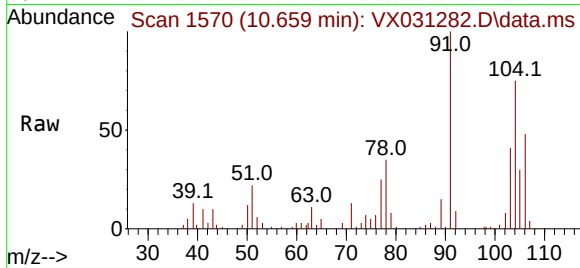




#70
Styrene
Concen: 2.627 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

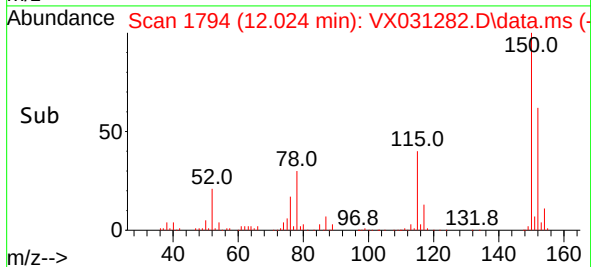
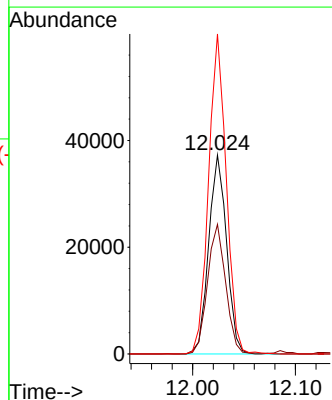
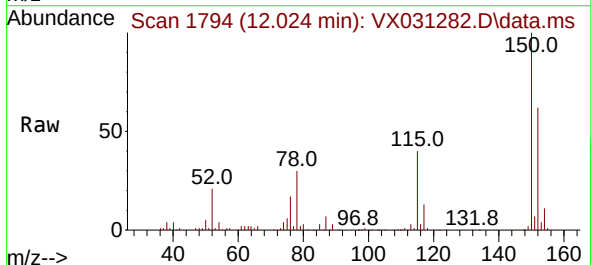
Instrument :
MSVOA_X
ClientSampleId :
090722-C

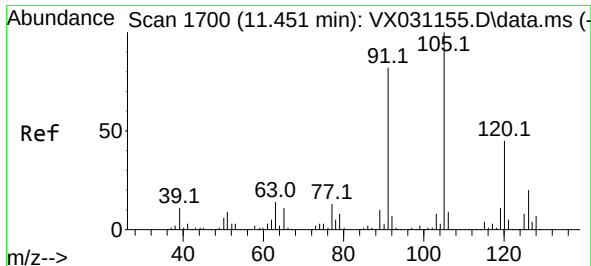
Tgt Ion:104 Resp: 8158
Ion Ratio Lower Upper
104 100
78 78.4 37.8 56.8#
103 77.6 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031282.D
Acq: 12 Sep 2022 18:36

Tgt Ion:152 Resp: 45371
Ion Ratio Lower Upper
152 100
115 65.8 40.5 121.5
150 158.2 0.0 347.0

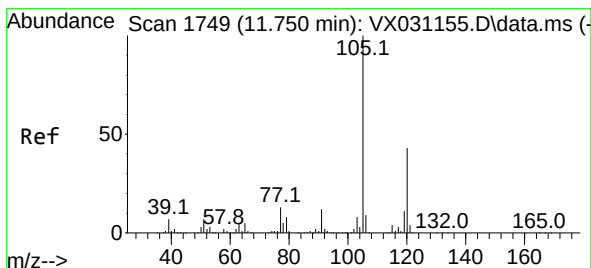
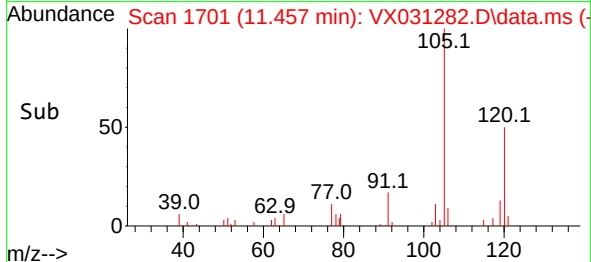
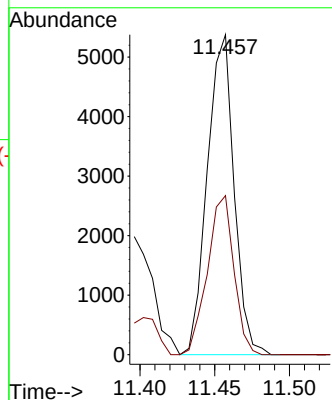
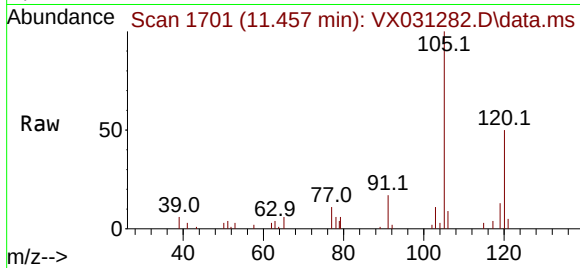




#80
 1,3,5-Trimethylbenzene
 Concen: 2.017 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031282.D
 Acq: 12 Sep 2022 18:36

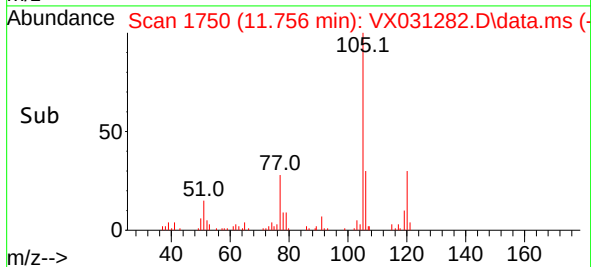
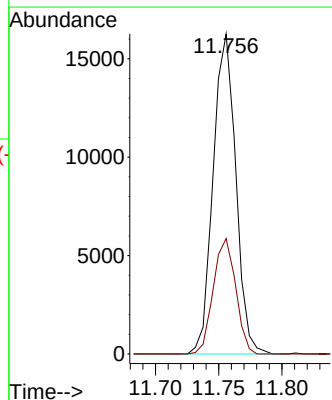
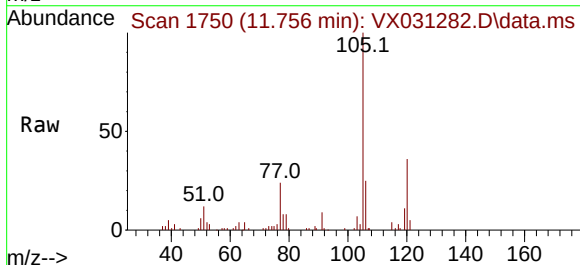
Instrument :
 MSVOA_X
 ClientSampleId :
 090722-C

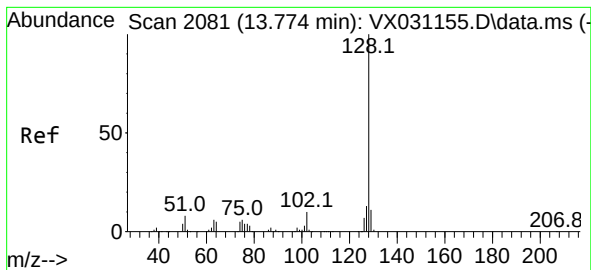
Tgt Ion:105 Resp: 6680
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 6.282 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX031282.D
 Acq: 12 Sep 2022 18:36

Tgt Ion:105 Resp: 20229
 Ion Ratio Lower Upper
 105 100
 120 35.6 22.9 68.8





#95

Naphthalene

Concen: 71.340 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031282.D

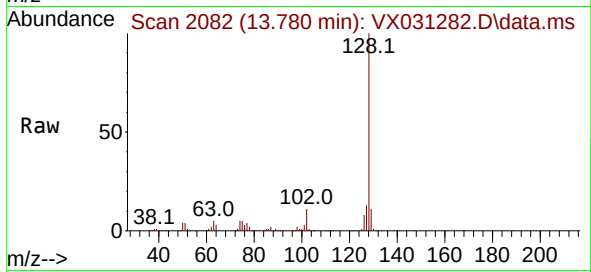
Acq: 12 Sep 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

090722-C



Tgt Ion:128 Resp: 255052

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.6 13.0

