

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033141.D
 Acq On : 30 Nov 2022 18:47
 Operator : JC/MD
 Sample : N5815-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Dec 01 00:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

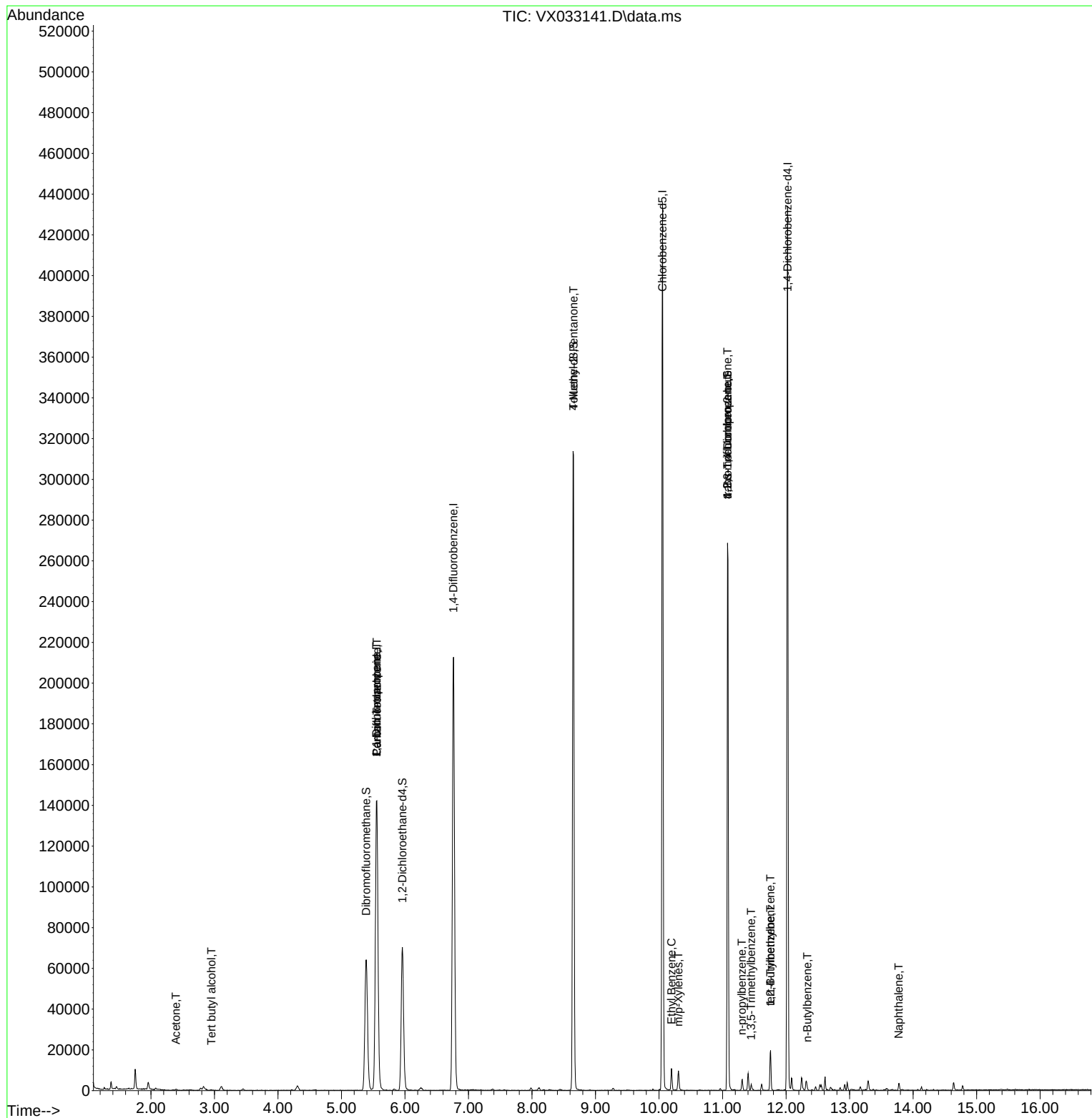
Internal Standards						
1) Pentafluorobenzene	5.556	168	135245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71815	54.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.260%			
35) Dibromofluoromethane	5.385	113	56282	46.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.220%			
50) Toluene-d8	8.653	98	189306	51.613	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.220%			
62) 4-Bromofluorobenzene	11.079	95	70002	43.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.952	59	129	0.618	ug/l #	72
16) Acetone	2.392	43	880	1.431	ug/l #	86
20) Methylene Chloride	2.794	84	127	Below Cal	#	49
36) 1,1-Dichloropropene	5.550	75	10363	5.309	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14529	6.710	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	889	0.512	ug/l #	1
67) Ethyl Benzene	10.195	91	6107	0.906	ug/l	100
68) m/p-Xylenes	10.305	106	2319	0.879	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	38143	22.648	ug/l #	37
78) n-propylbenzene	11.305	91	3030	0.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1514	0.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	38143	73.618	ug/l #	6
83) tert-Butylbenzene	11.756	119	1182	0.222	ug/l #	67
84) 1,2,4-Trimethylbenzene	11.756	105	9022	1.695	ug/l	97
89) n-Butylbenzene	12.335	91	962	0.207	ug/l #	37
95) Naphthalene	13.774	128	2735	0.481	ug/l	96

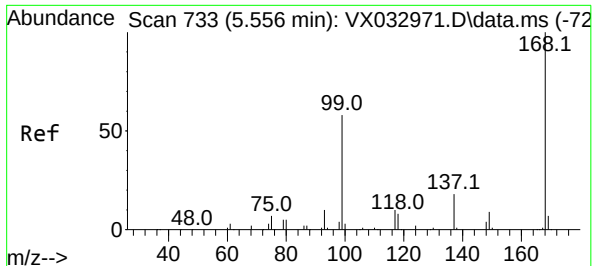
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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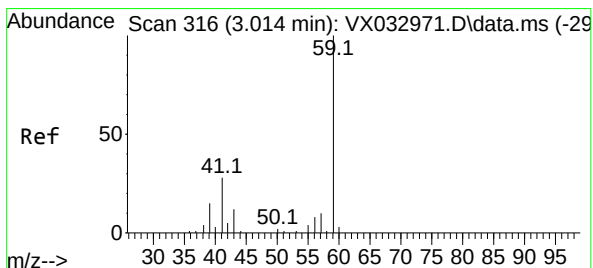
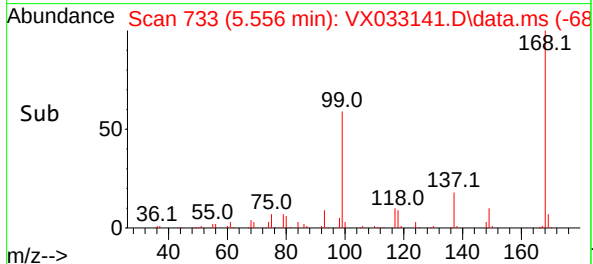
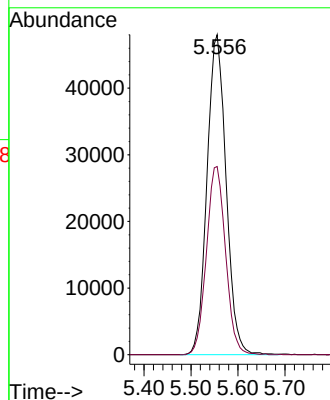
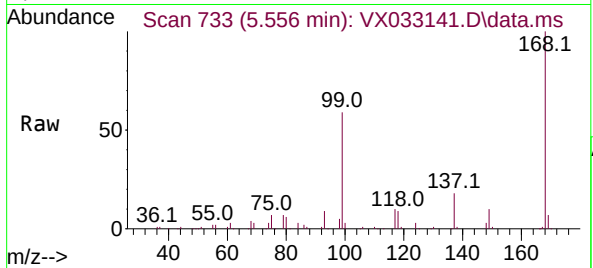




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

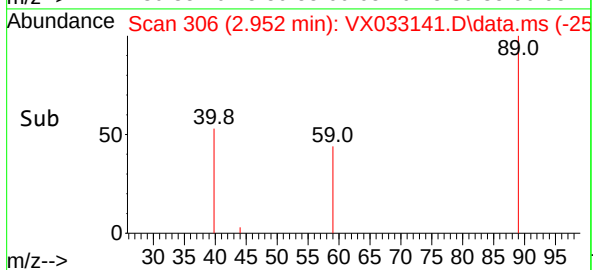
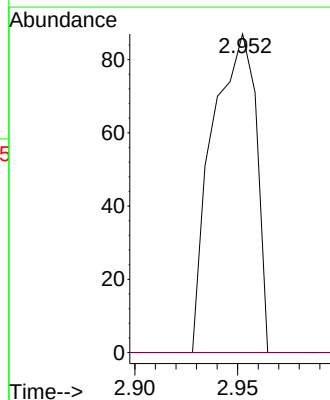
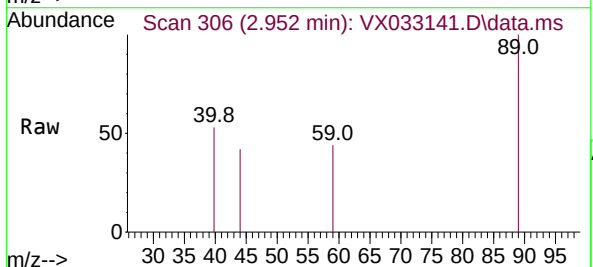
Instrument :
MSVOA_X
ClientSampleId :
MW-05

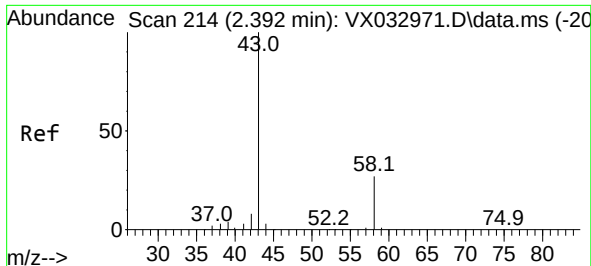
Tgt Ion:168 Resp: 135245
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.618 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.013 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

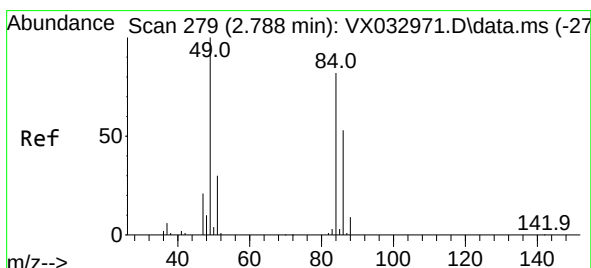
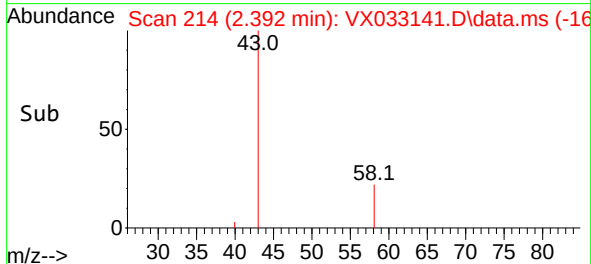
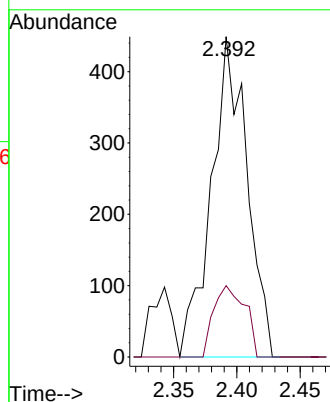
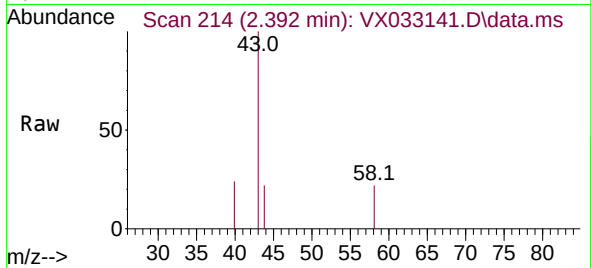




#16
Acetone
Concen: 1.431 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

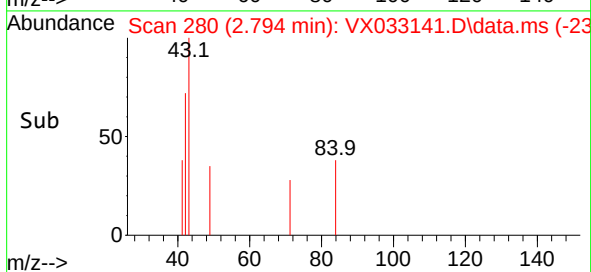
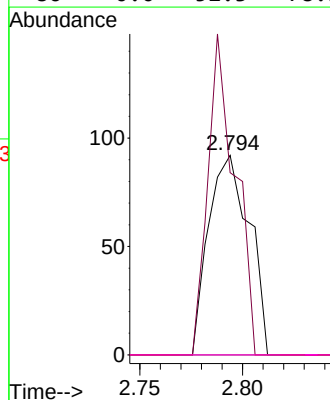
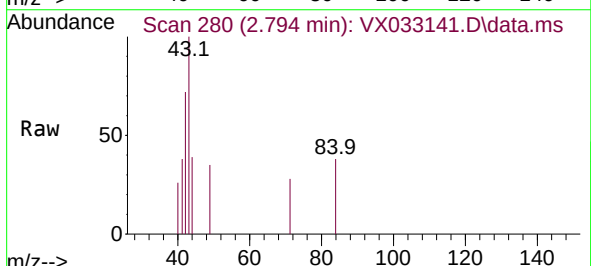
Instrument :
MSVOA_X
ClientSampleId :
MW-05

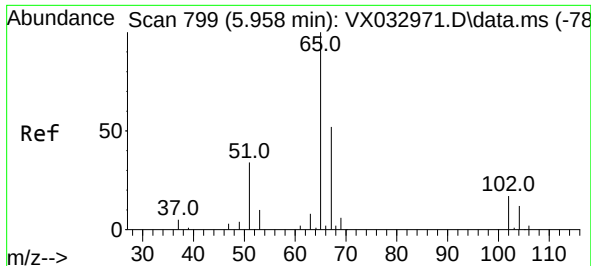
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 22.3 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 84 Resp: 127
Ion Ratio Lower Upper
84 100
49 91.3 101.0 151.6#
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#

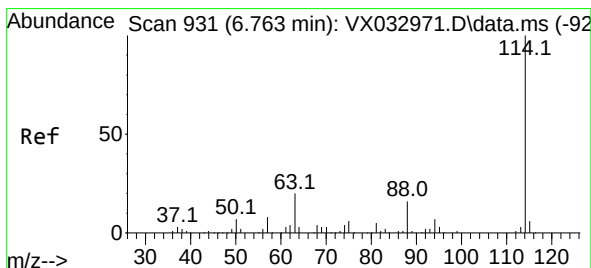
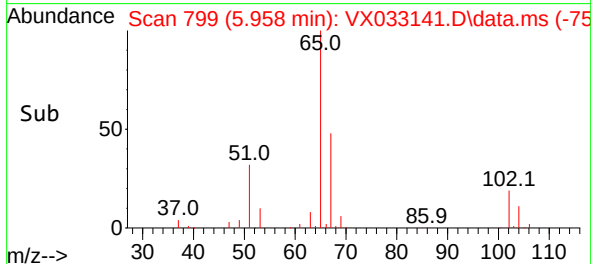
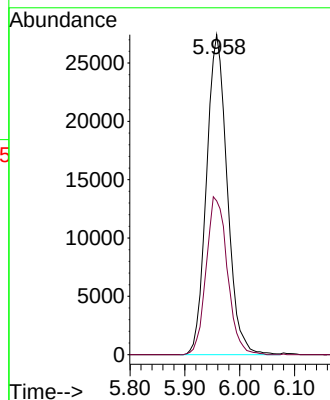
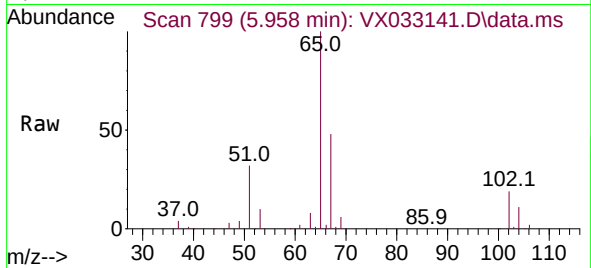




#33
 1,2-Dichloroethane-d4
 Concen: 54.632 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033141.D
 Acq: 30 Nov 2022 18:47

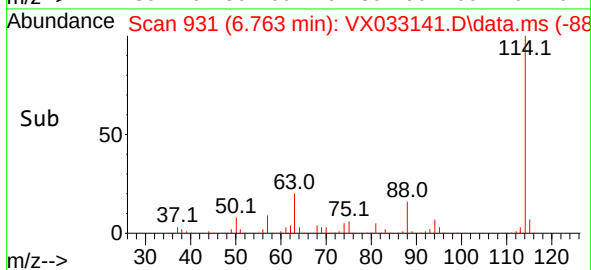
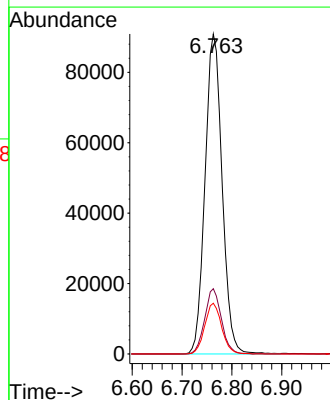
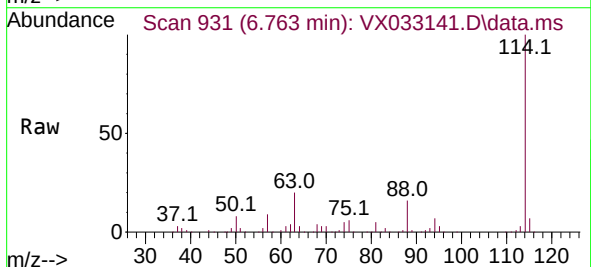
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

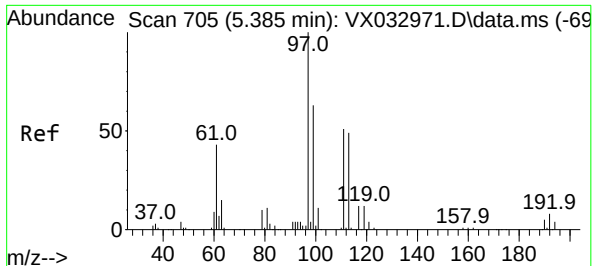
Tgt Ion: 65 Resp: 71815
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033141.D
 Acq: 30 Nov 2022 18:47

Tgt Ion: 114 Resp: 216519
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.108 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033141.D

Acq: 30 Nov 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

MW-05

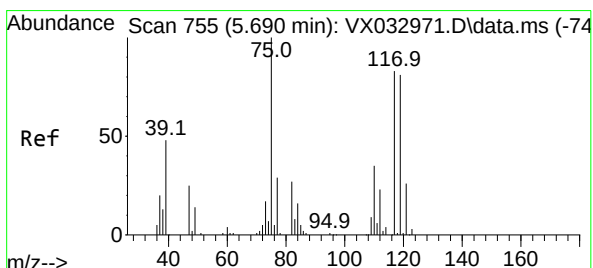
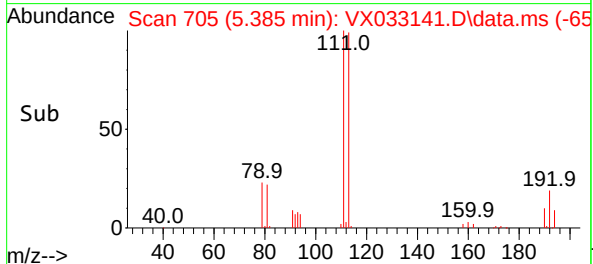
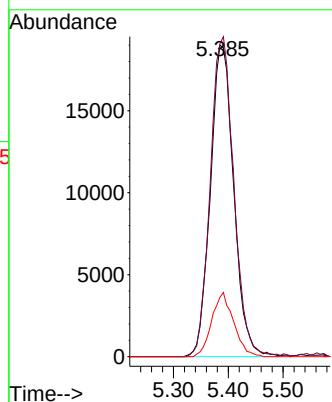
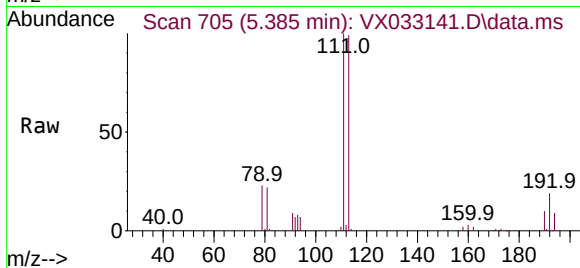
Tgt Ion:113 Resp: 56282

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033141.D

Acq: 30 Nov 2022 18:47

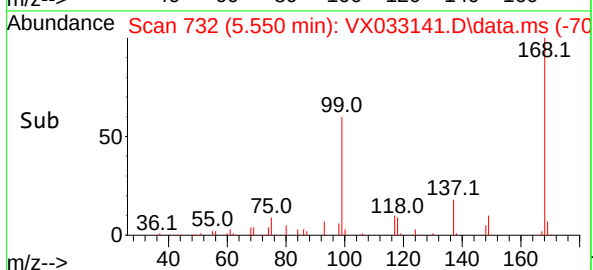
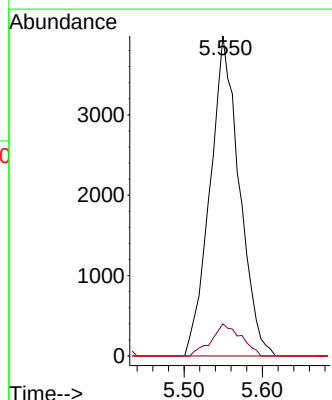
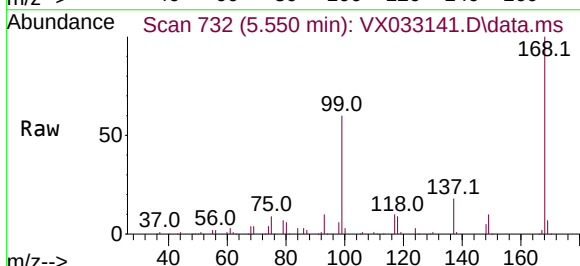
Tgt Ion: 75 Resp: 10363

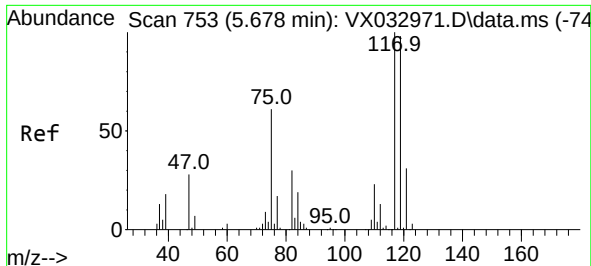
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

77 0.0 24.5 36.7#

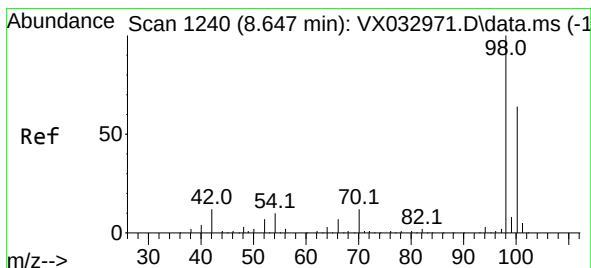
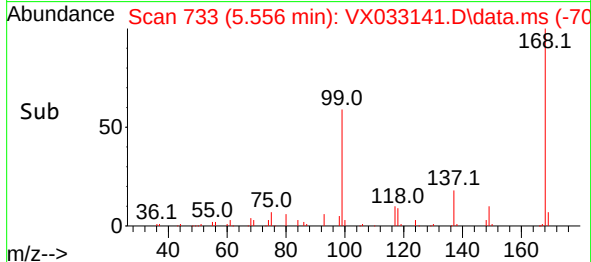
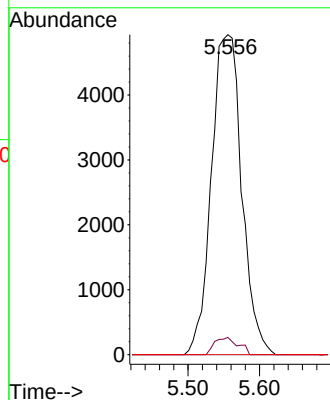
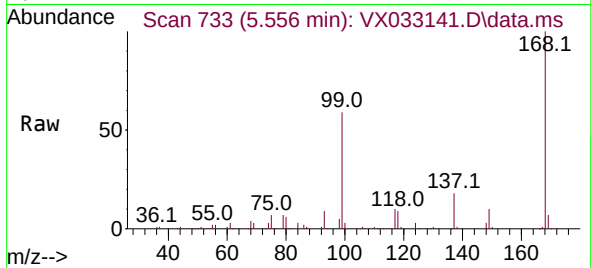




#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

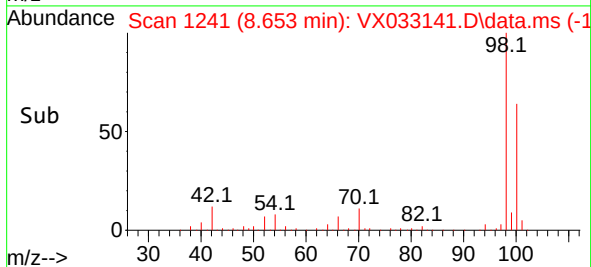
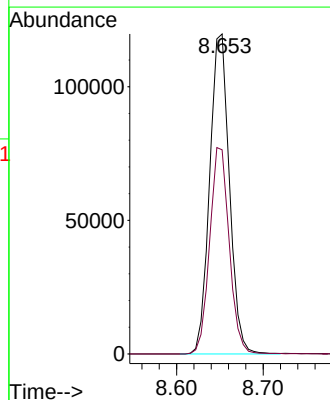
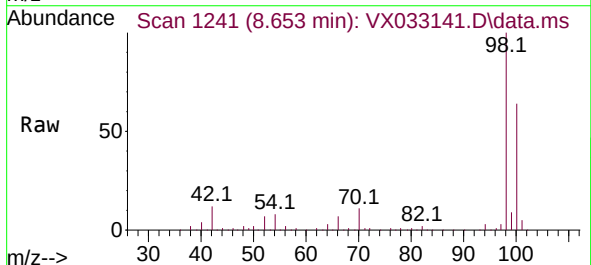
Instrument :
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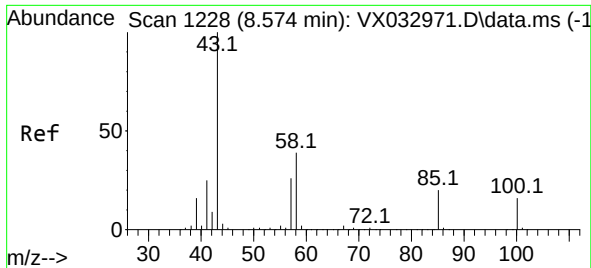
Tgt Ion:117 Resp: 14529
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.613 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 98 Resp: 189306
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

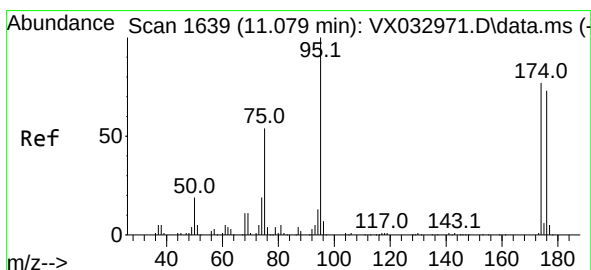
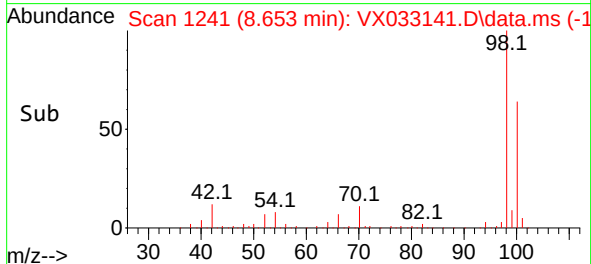
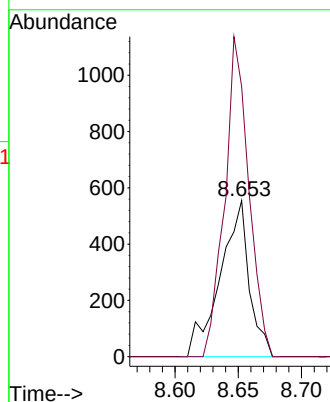
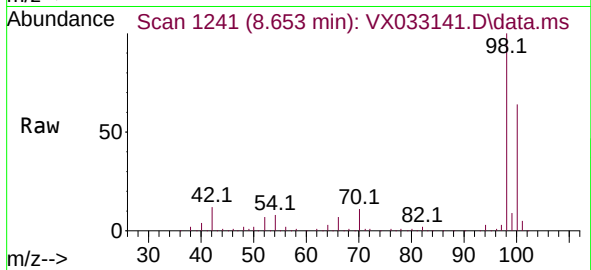




#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

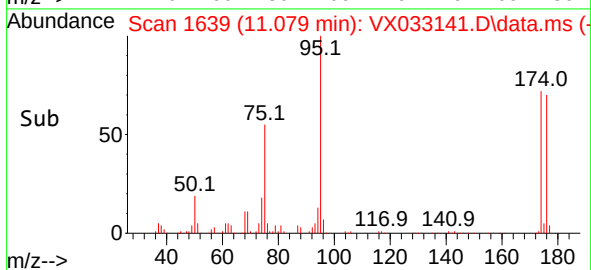
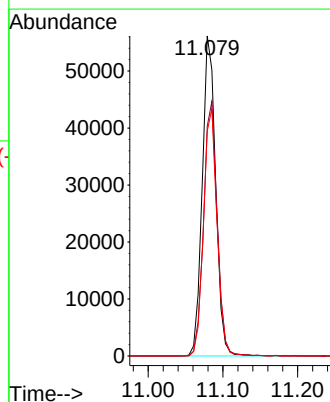
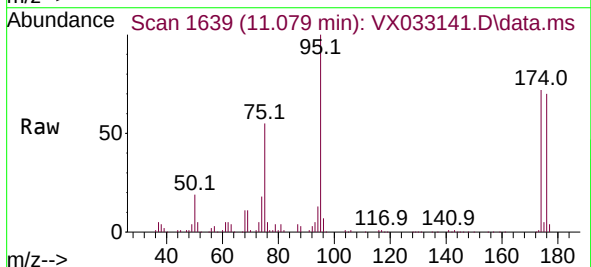
Instrument :
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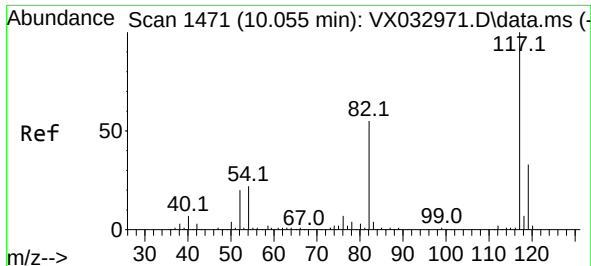
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 169.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 43.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 95 Resp: 70002
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 77.9 0.0 154.4

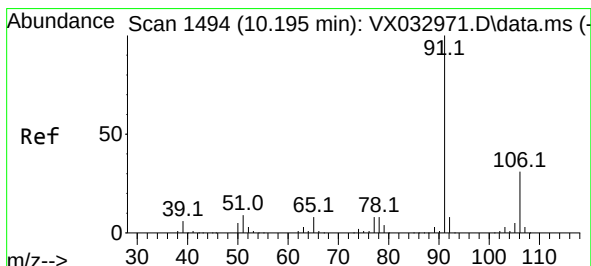
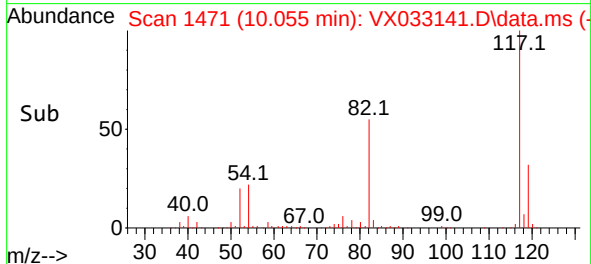
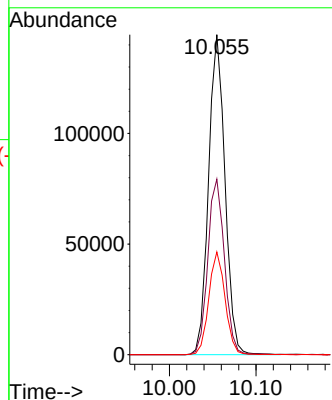
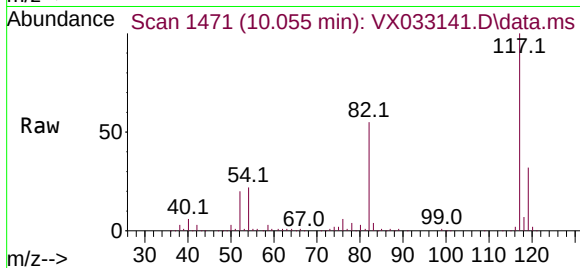




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

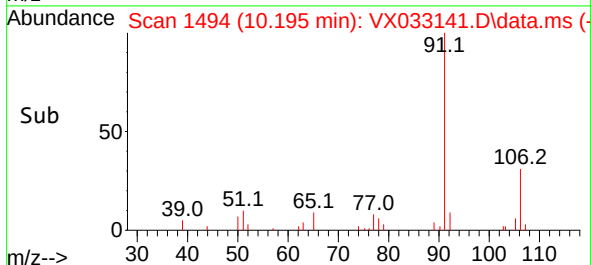
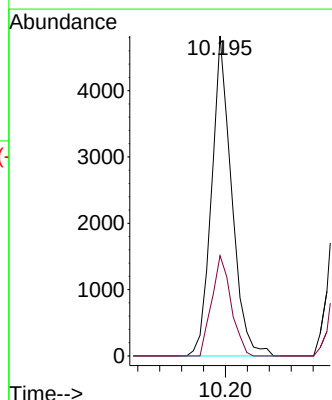
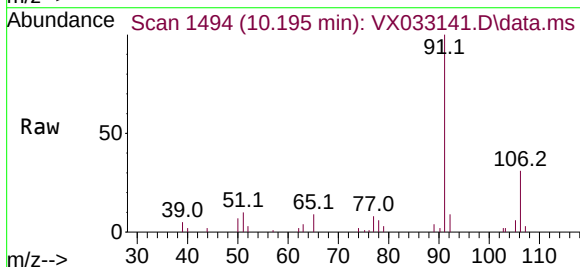
Instrument :
MSVOA_X
ClientSampleId :
MW-05

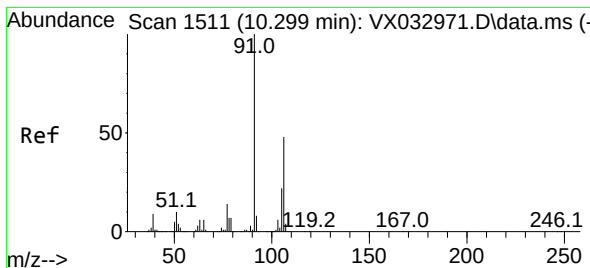
Tgt Ion:117 Resp: 190549
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 0.906 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 91 Resp: 6107
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

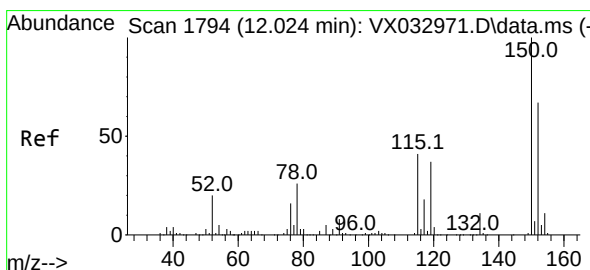
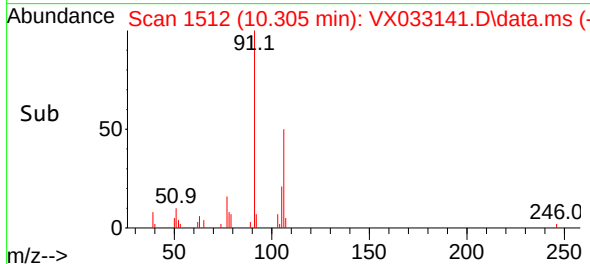
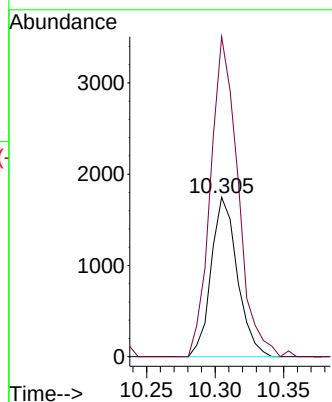
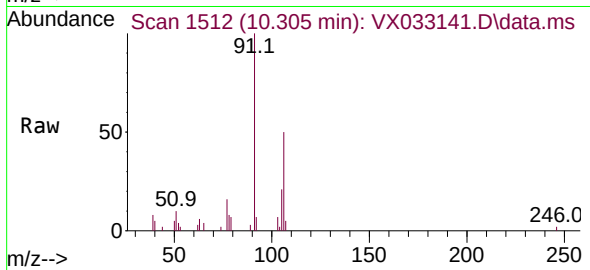




#68
m/p-Xylenes
Concen: 0.879 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

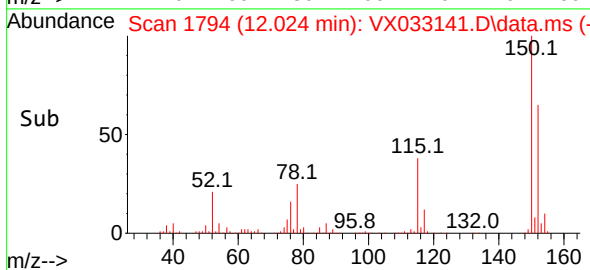
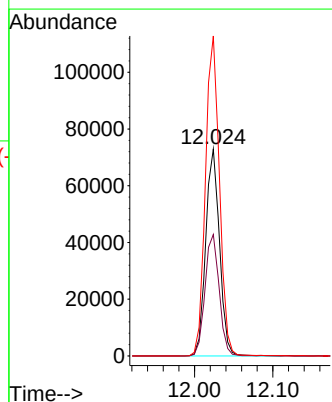
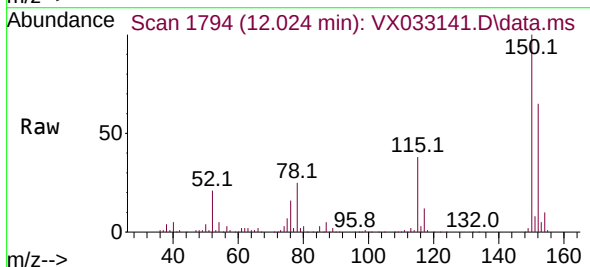
Instrument :
MSVOA_X
ClientSampleId :
MW-05

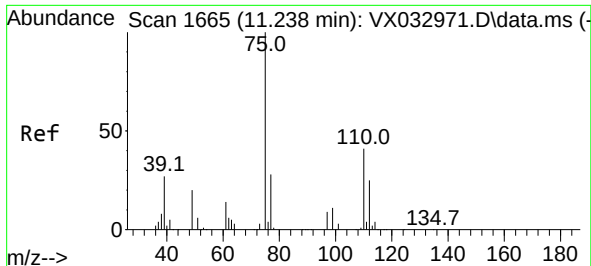
Tgt Ion:106 Resp: 2319
Ion Ratio Lower Upper
106 100
91 211.4 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion:152 Resp: 88927
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 156.9 0.0 351.8

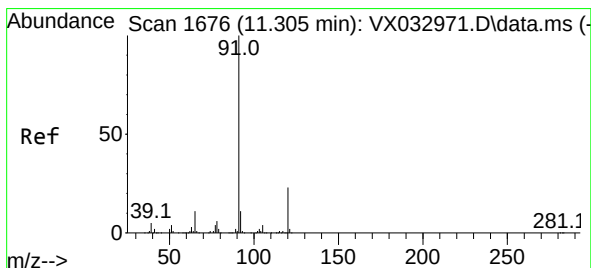
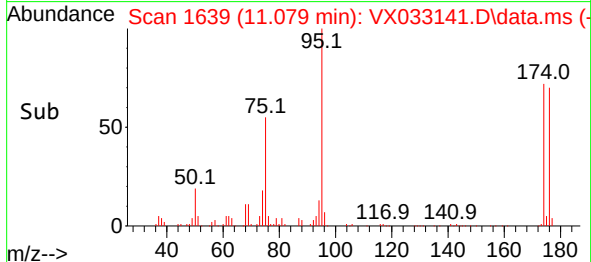
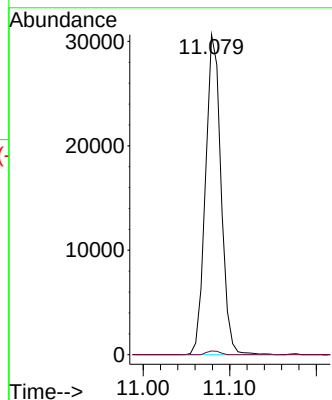
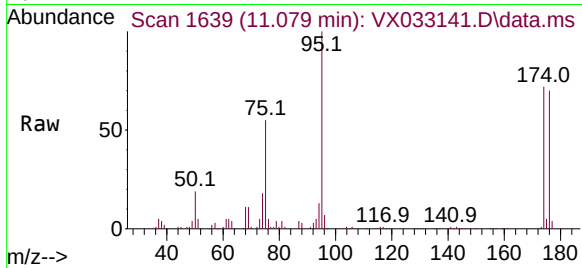




#76
1,2,3-Trichloropropane
Concen: 22.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

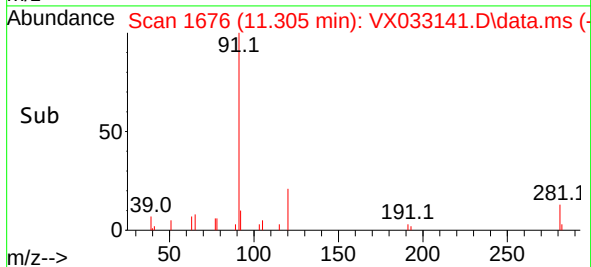
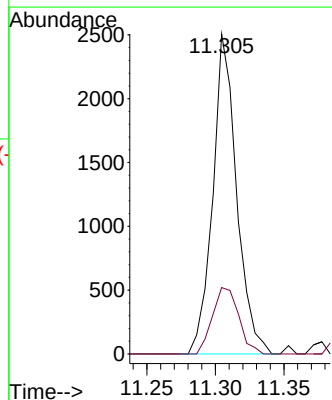
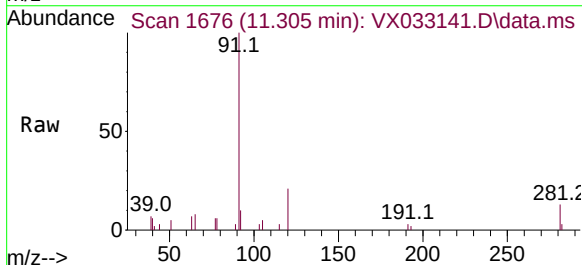
Instrument :
MSVOA_X
ClientSampleId :
MW-05

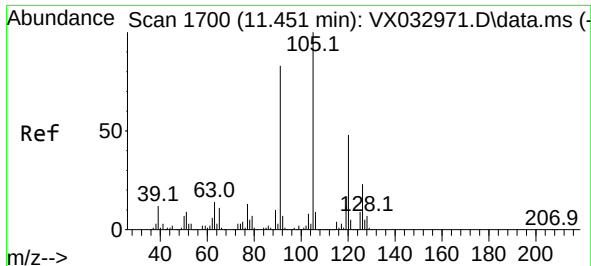
Tgt Ion: 75 Resp: 38143
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#78
n-propylbenzene
Concen: 0.417 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 91 Resp: 3030
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8

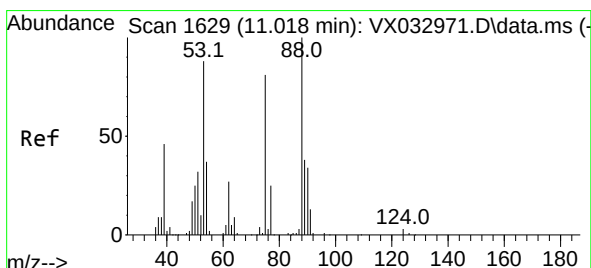
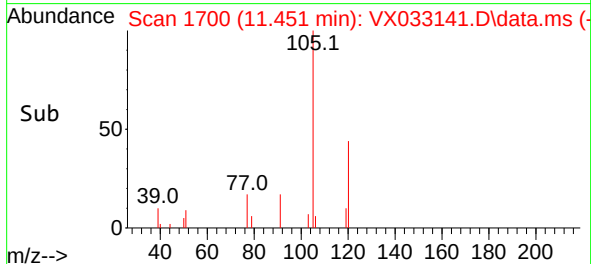
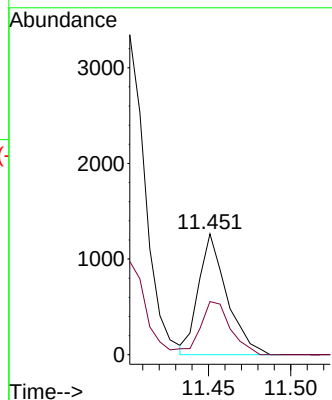
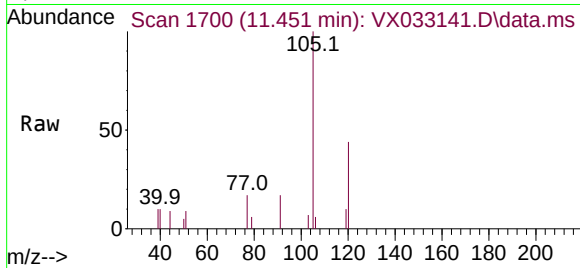




#80
1,3,5-Trimethylbenzene
Concen: 0.284 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

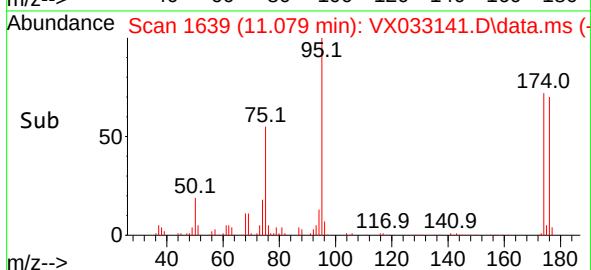
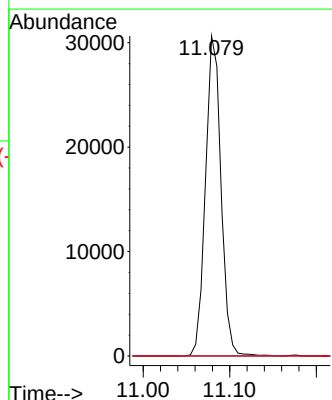
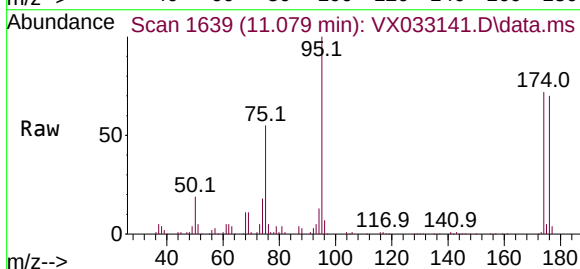
Instrument :
MSVOA_X
ClientSampleId :
MW-05

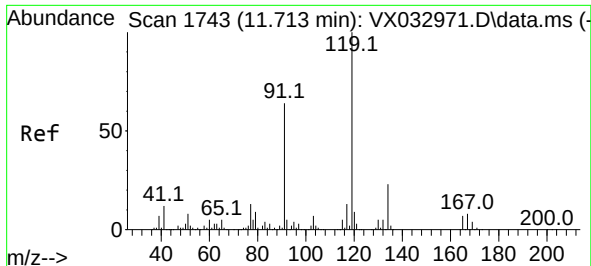
Tgt Ion:105 Resp: 1514
Ion Ratio Lower Upper
105 100
120 47.6 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 73.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033141.D
Acq: 30 Nov 2022 18:47

Tgt Ion: 75 Resp: 38143
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

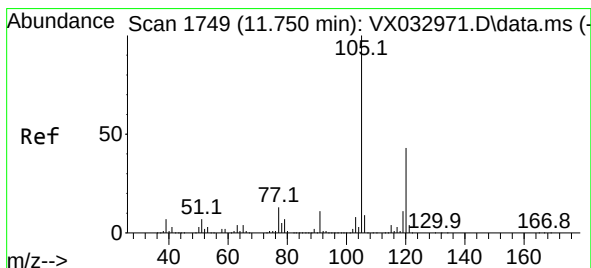
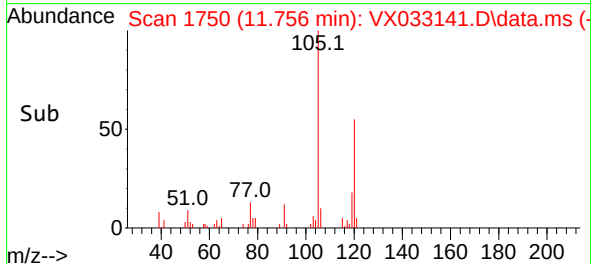
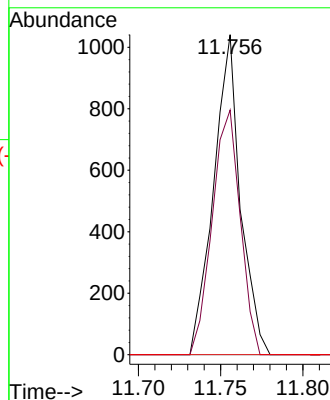
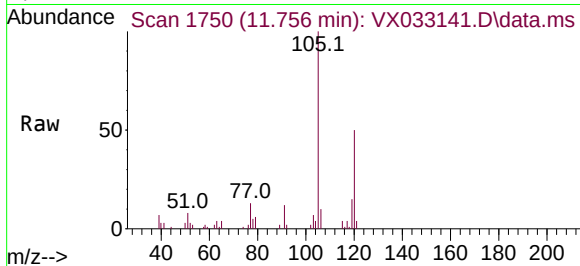




#83
 tert-Butylbenzene
 Concen: 0.222 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.043 min
 Lab File: VX033141.D
 Acq: 30 Nov 2022 18:47

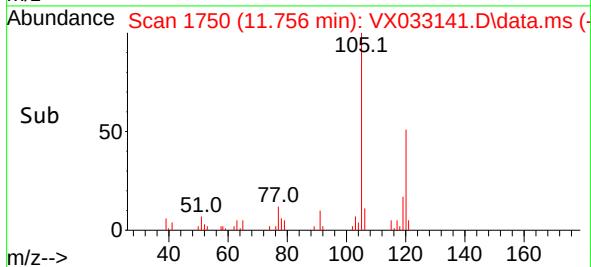
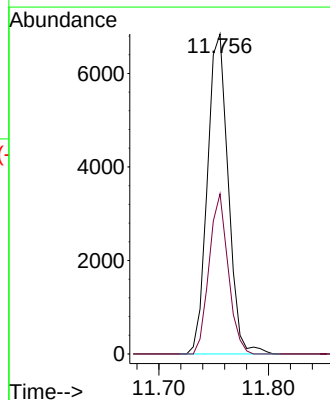
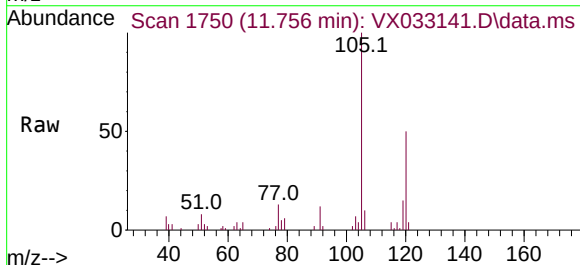
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

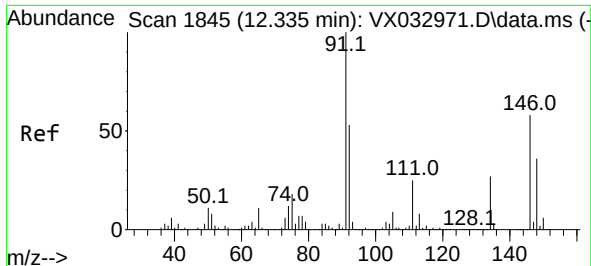
Tgt Ion:119 Resp: 1182
 Ion Ratio Lower Upper
 119 100
 91 79.5 29.4 88.2
 134 0.0 11.0 33.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.695 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033141.D
 Acq: 30 Nov 2022 18:47

Tgt Ion:105 Resp: 9022
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.9 65.5





#89

n-Butylbenzene

Concen: 0.207 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX033141.D

Acq: 30 Nov 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

MW-05

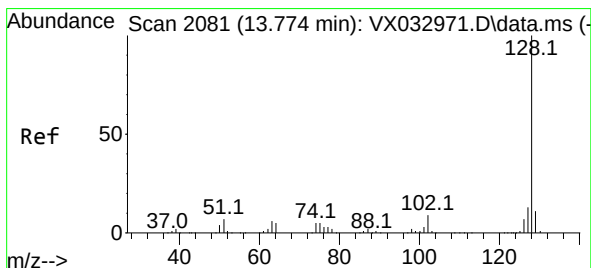
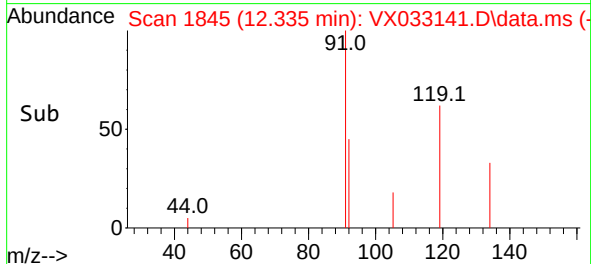
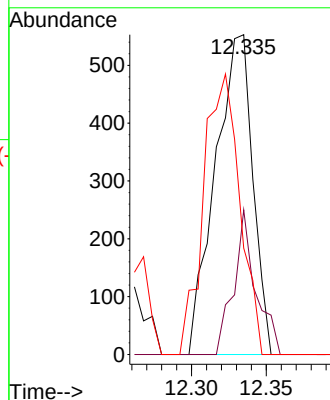
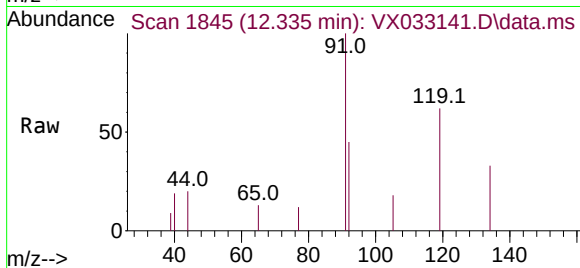
Tgt Ion: 91 Resp: 962

Ion Ratio Lower Upper

91 100

92 26.7 26.2 78.6

134 84.6 12.9 38.6#



#95

Naphthalene

Concen: 0.481 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033141.D

Acq: 30 Nov 2022 18:47

Tgt Ion: 128 Resp: 2735

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 9.4 8.9 13.3

