

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033088.D
 Acq On : 28 Nov 2022 13:37
 Operator : JC/MD
 Sample : N5747-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38D

Quant Time: Nov 29 01:43:39 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)

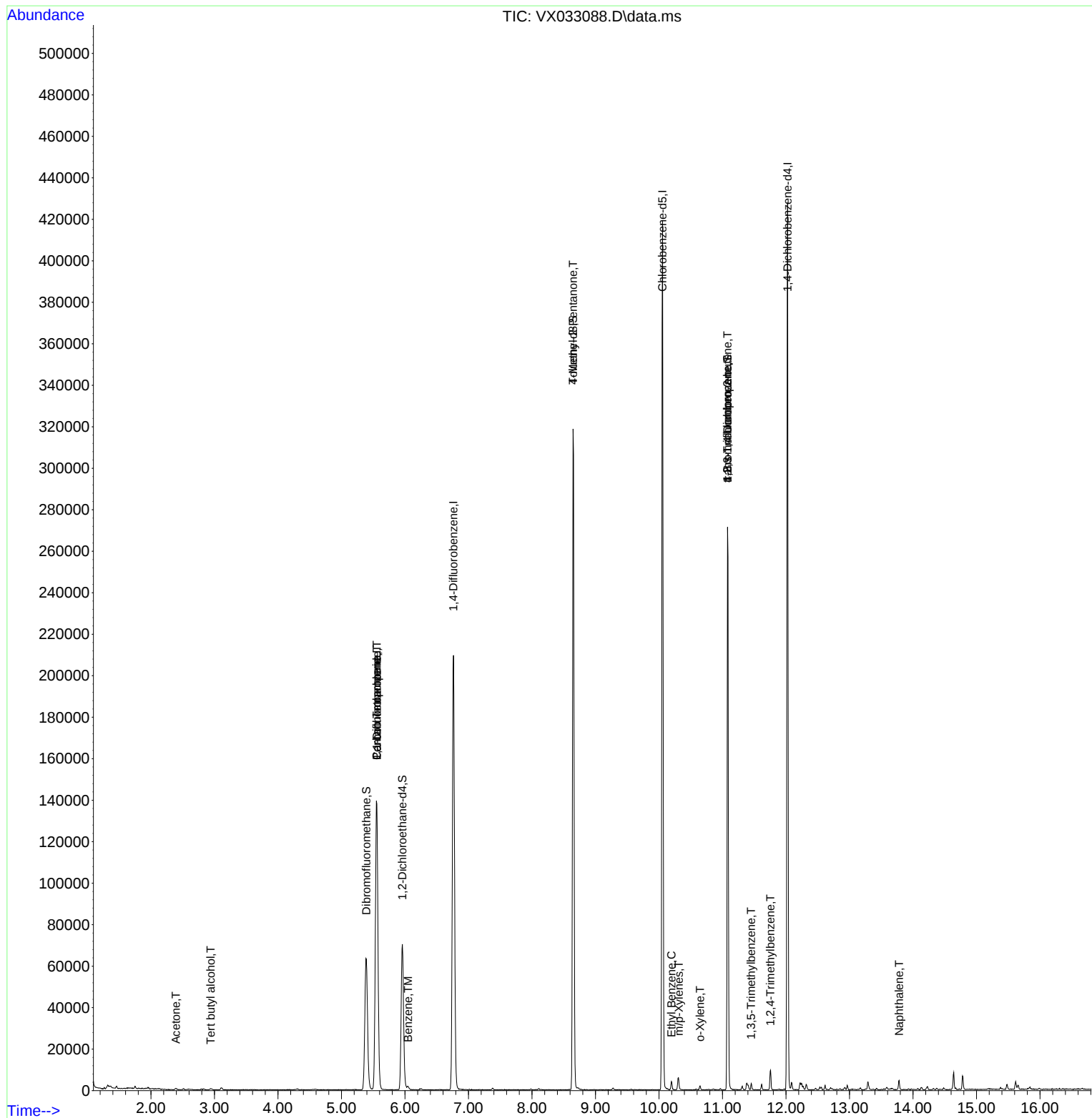
Internal Standards						
1) Pentafluorobenzene	5.556	168	131951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71477	55.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.600%			
35) Dibromofluoromethane	5.391	113	56379	46.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.100%			
50) Toluene-d8	8.647	98	191367	52.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	69358	43.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.180%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	207	1.016	ug/l #	72
16) Acetone	2.392	43	907	1.511	ug/l #	88
20) Methylene Chloride	2.794	84	93	Below Cal	#	88
36) 1,1-Dichloropropene	5.556	75	10291	5.314	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13689	6.372	ug/l #	16
40) Benzene	6.050	78	1894	0.349	ug/l #	87
51) 4-Methyl-2-Pentanone	8.647	43	876	0.508	ug/l #	1
67) Ethyl Benzene	10.195	91	2615	0.392	ug/l	94
68) m/p-Xylenes	10.311	106	1458	0.558	ug/l	94
69) o-Xylene	10.647	106	560	0.222	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	36995	22.613	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	1523	0.294	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	36995	73.503	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	4733	0.915	ug/l	95
95) Naphthalene	13.780	128	3189	0.577	ug/l	96

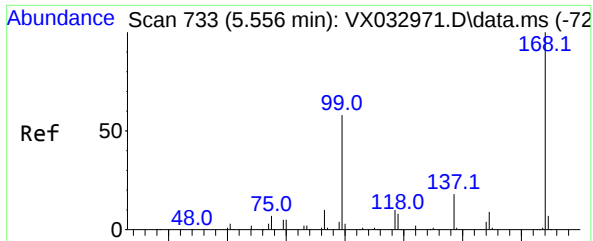
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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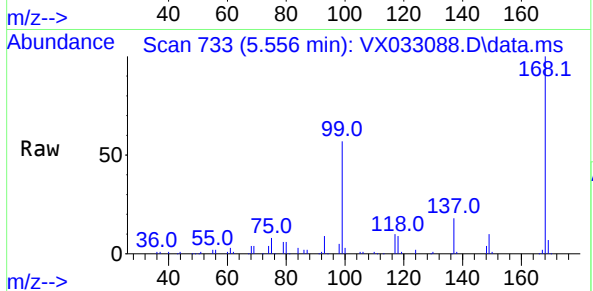
Quant Time: Nov 29 01:43:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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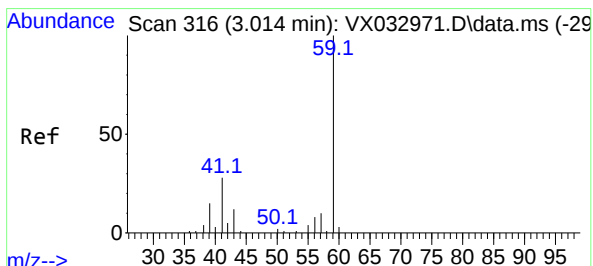
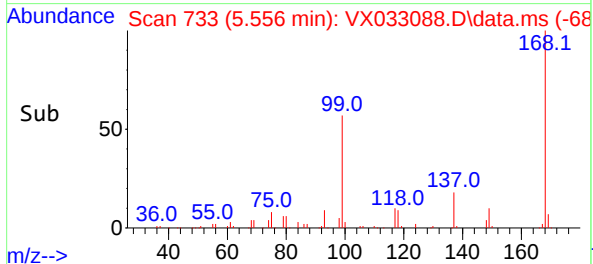
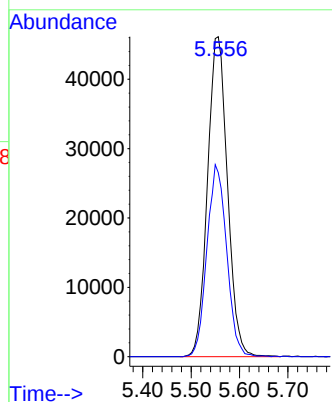


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

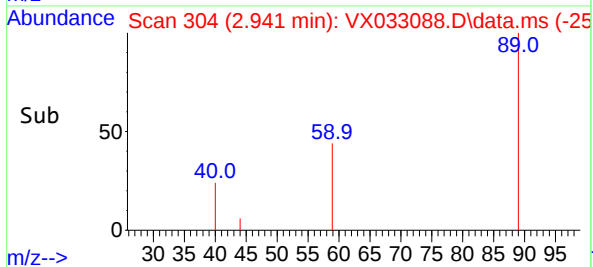
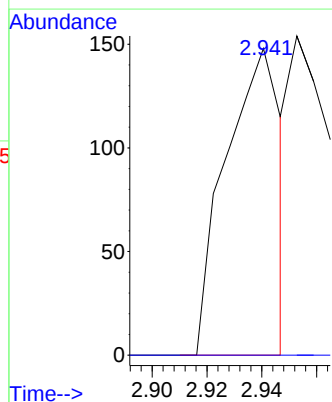
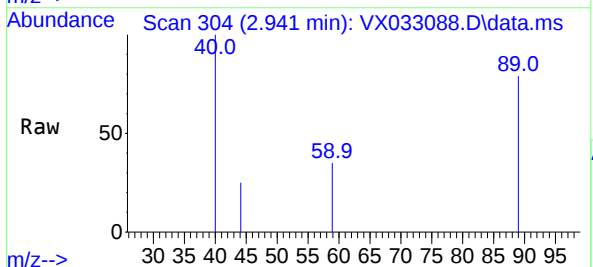


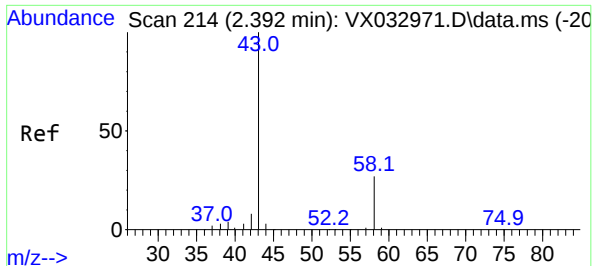
Tgt Ion:168 Resp: 131951
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.016 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

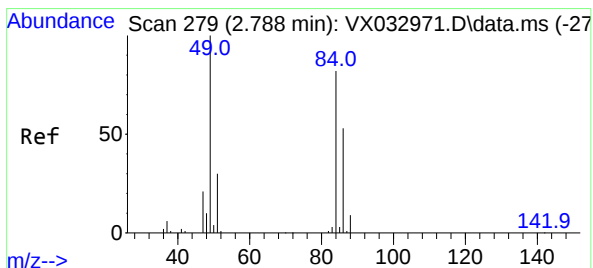
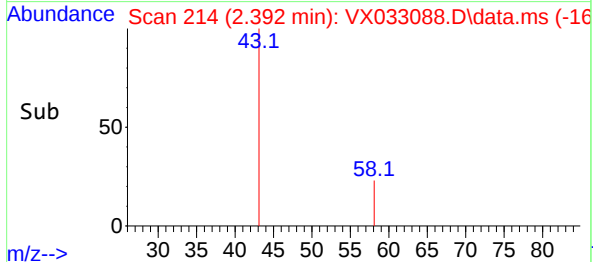
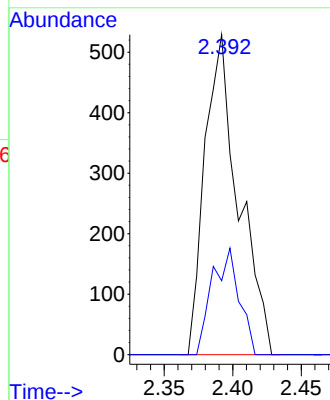
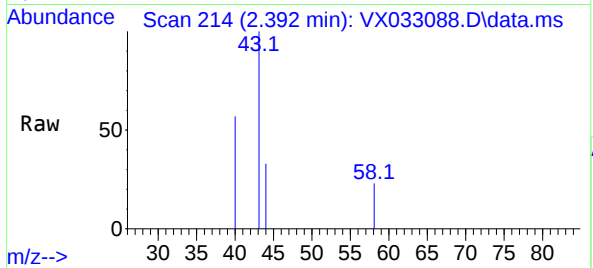




#16
Acetone
Concen: 1.511 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

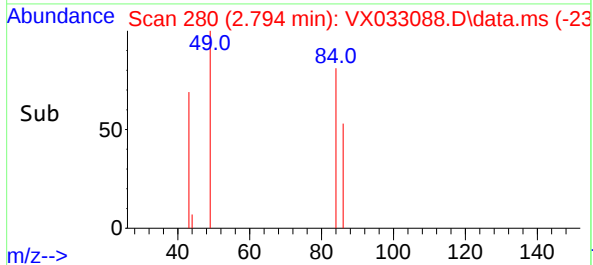
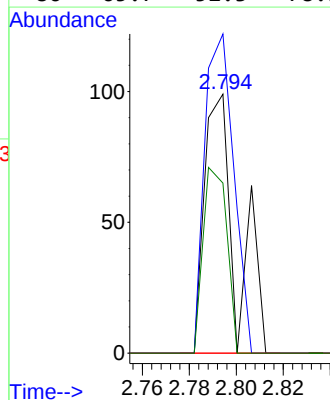
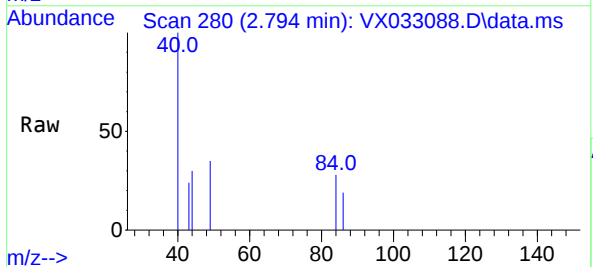
Instrument :
MSVOA_X
ClientSampleId :
MW-38D

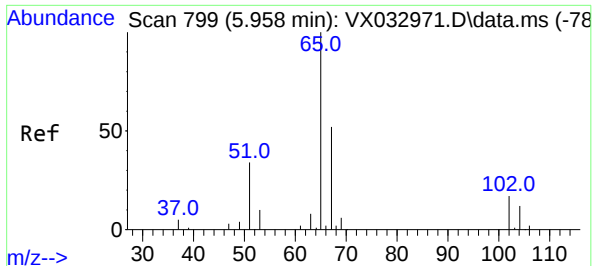
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 23.1 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 84 Resp: 93
Ion Ratio Lower Upper
84 100
49 123.2 101.0 151.6
51 0.0 31.1 46.7#
86 65.7 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 55.799 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033088.D

Acq: 28 Nov 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

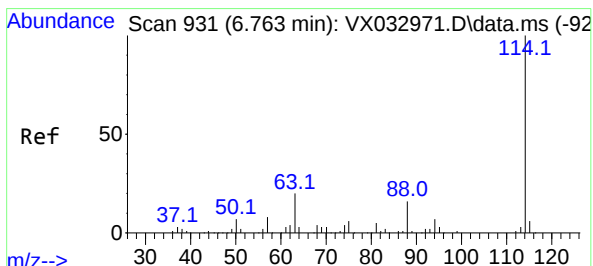
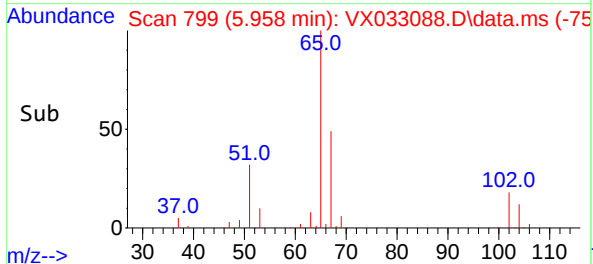
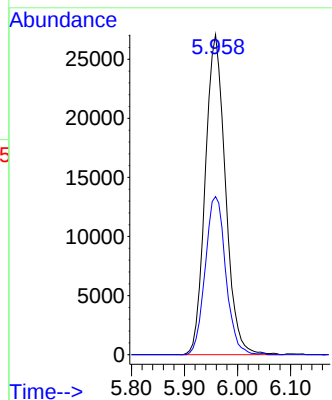
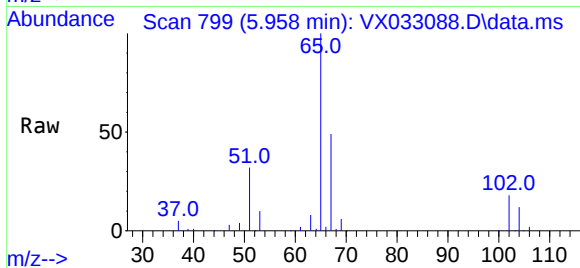
MW-38D

Tgt Ion: 65 Resp: 71477

Ion Ratio Lower Upper

65 100

67 50.3 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: VX033088.D

Acq: 28 Nov 2022 13:37

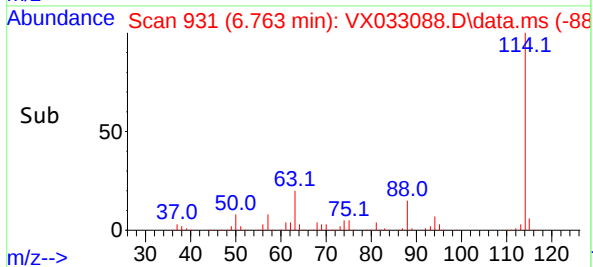
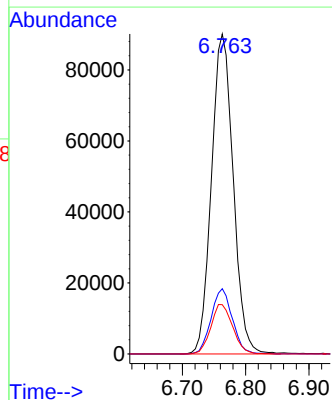
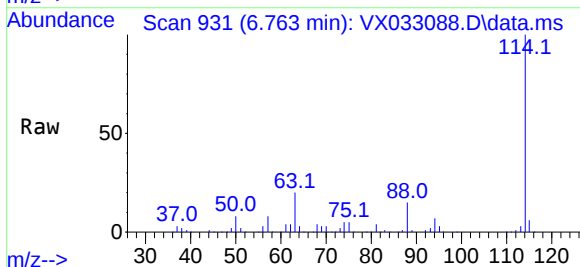
Tgt Ion: 114 Resp: 214832

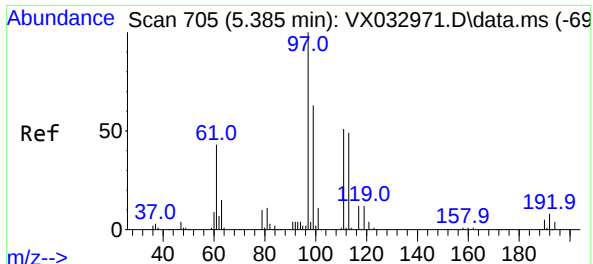
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.550 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033088.D

Acq: 28 Nov 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

MW-38D

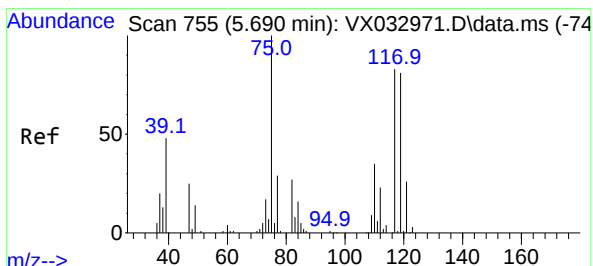
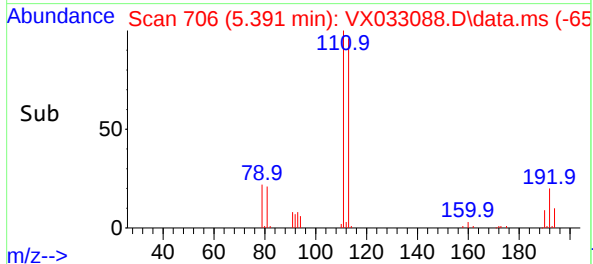
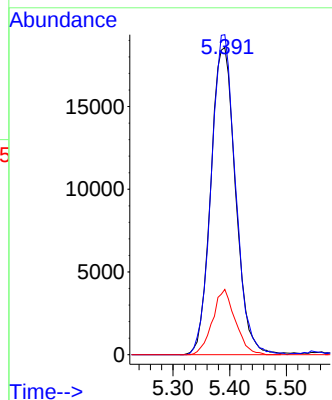
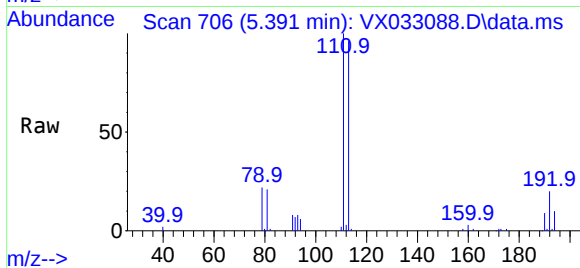
Tgt Ion:113 Resp: 56379

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 19.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.314 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033088.D

Acq: 28 Nov 2022 13:37

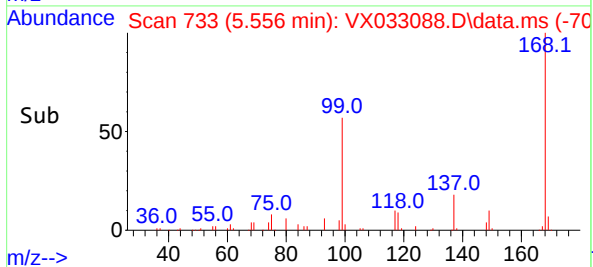
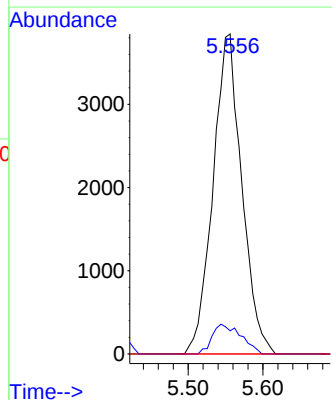
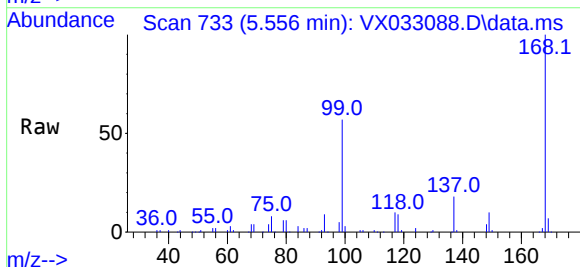
Tgt Ion: 75 Resp: 10291

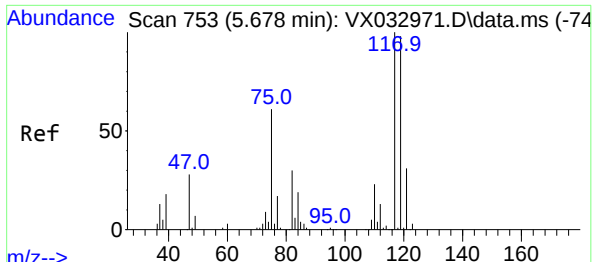
Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

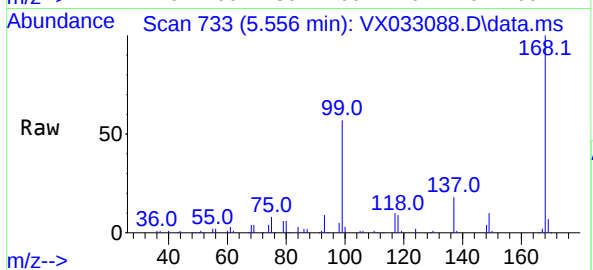
77 0.0 24.5 36.7#



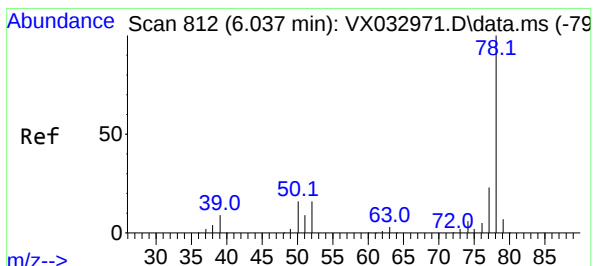
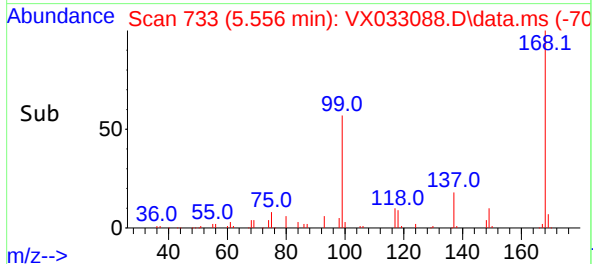
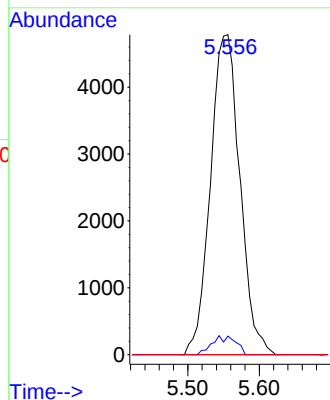


#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

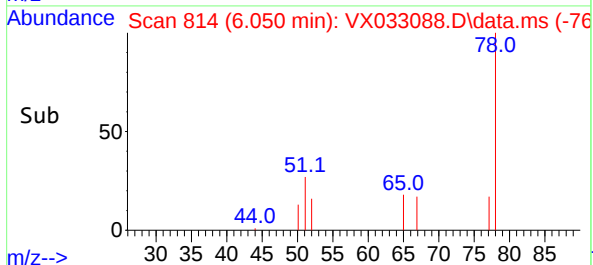
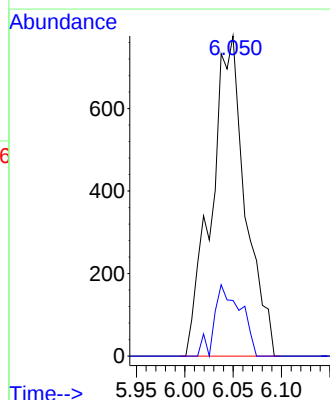
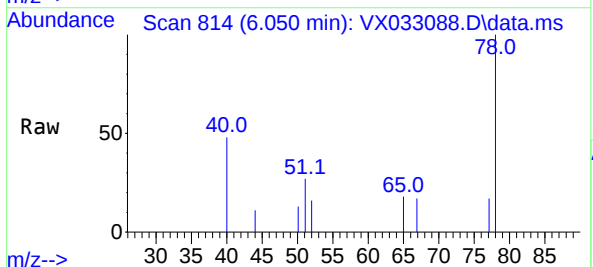


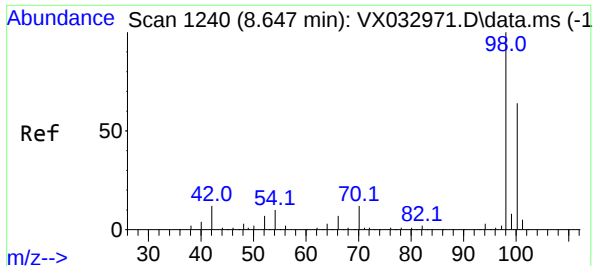
Tgt Ion:117 Resp: 13689
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#40
Benzene
Concen: 0.349 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 78 Resp: 1894
Ion Ratio Lower Upper
78 100
77 17.4 19.0 28.4#





#50

Toluene-d8

Concen: 52.628 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033088.D

Acq: 28 Nov 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

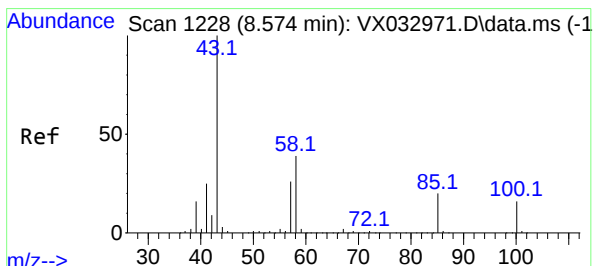
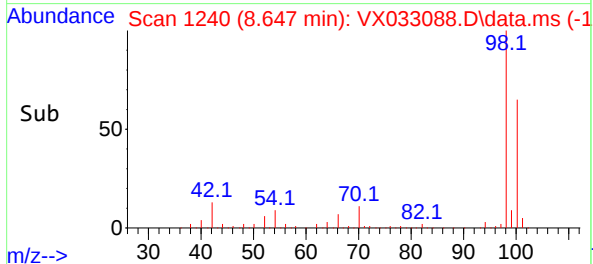
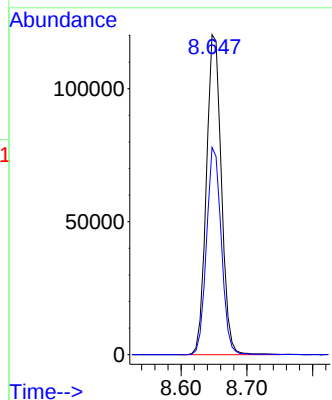
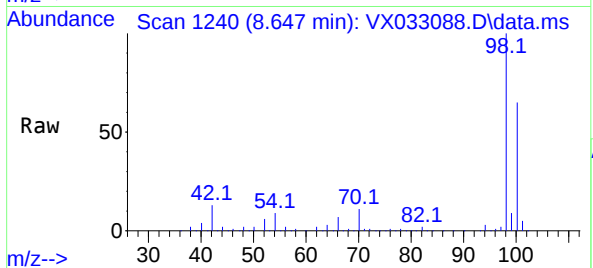
MW-38D

Tgt Ion: 98 Resp: 191367

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.508 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033088.D

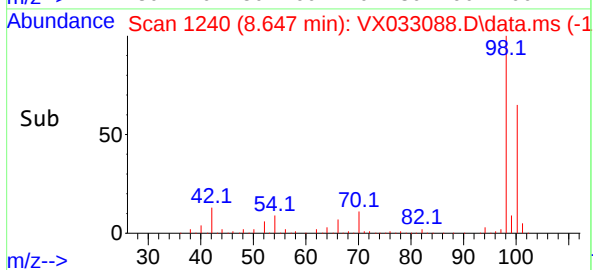
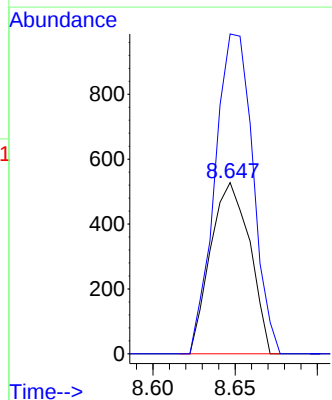
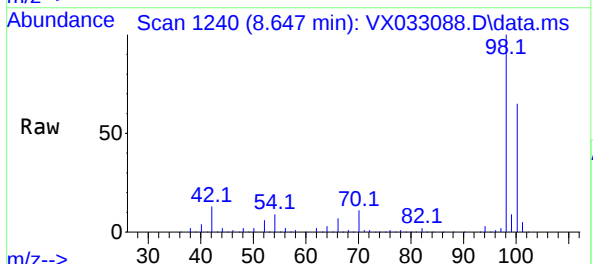
Acq: 28 Nov 2022 13:37

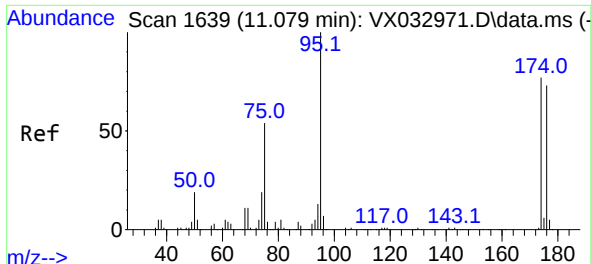
Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

58 180.9 30.9 46.3#

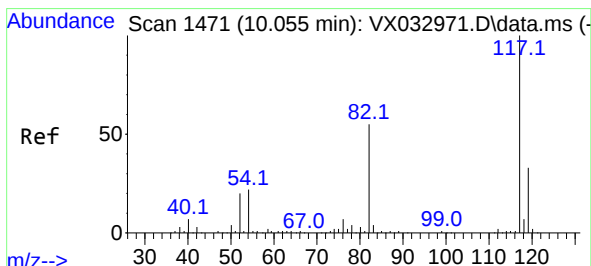
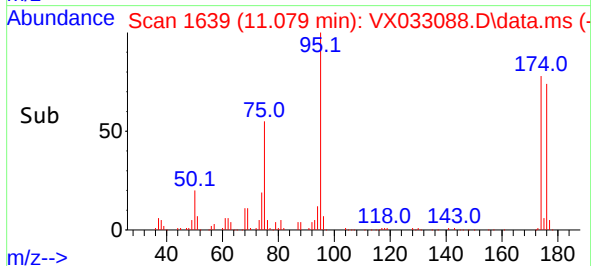
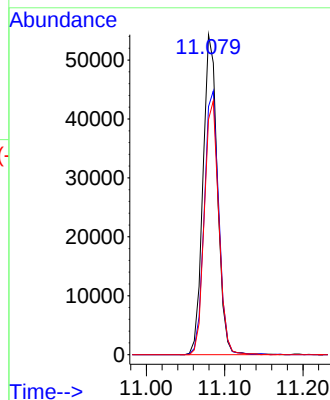
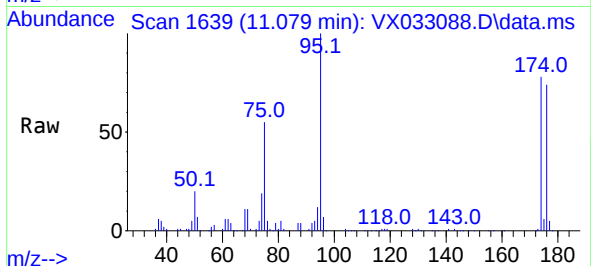




#62
4-Bromofluorobenzene
Concen: 43.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

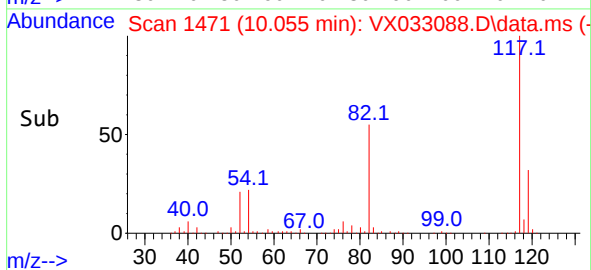
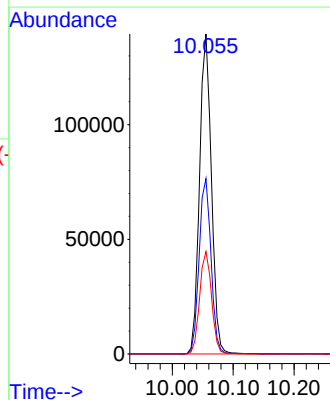
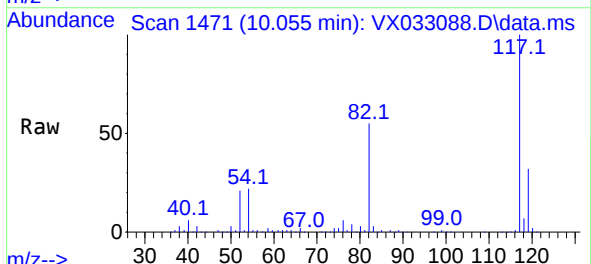
Instrument :
MSVOA_X
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MW-38D

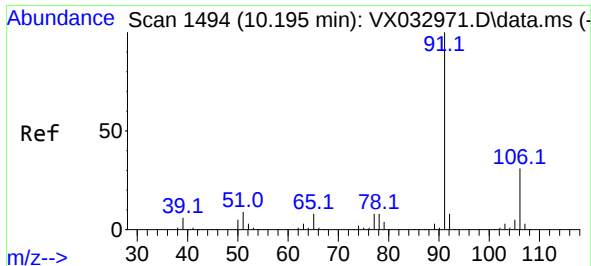
Tgt Ion: 95 Resp: 69358
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 117 Resp: 188515
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.0 25.7 38.5





#67

Ethyl Benzene

Concen: 0.392 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033088.D

Acq: 28 Nov 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

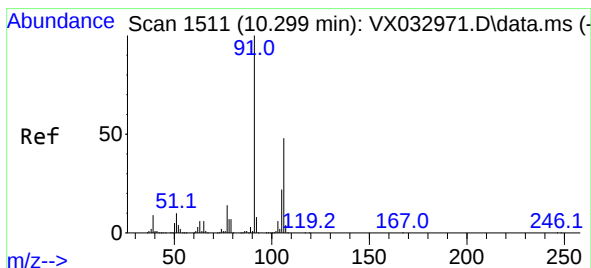
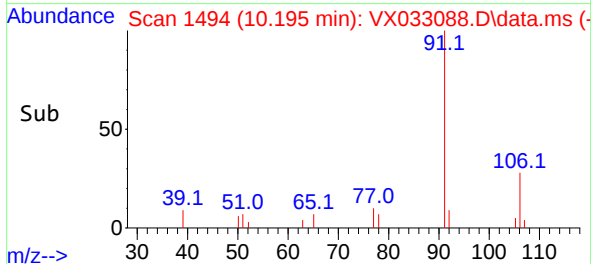
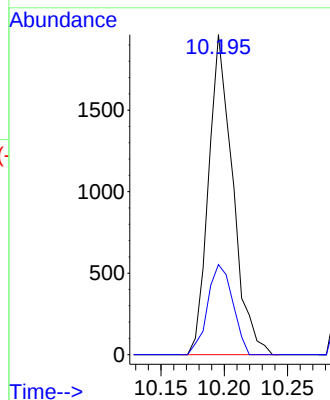
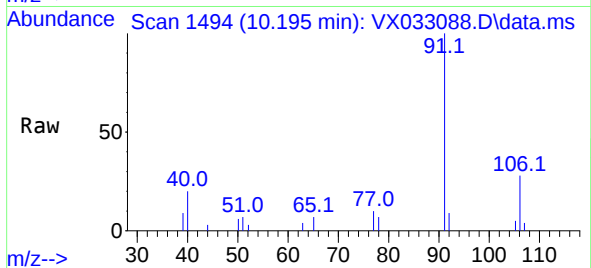
MW-38D

Tgt Ion: 91 Resp: 2615

Ion Ratio Lower Upper

91 100

106 28.2 25.0 37.6



#68

m/p-Xylenes

Concen: 0.558 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VX033088.D

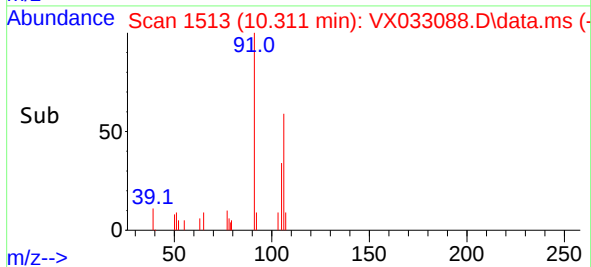
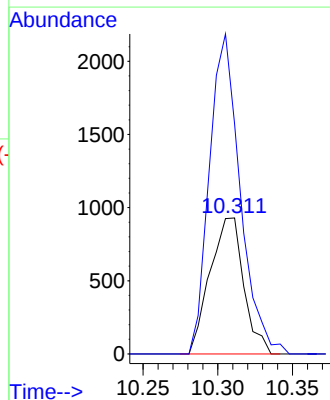
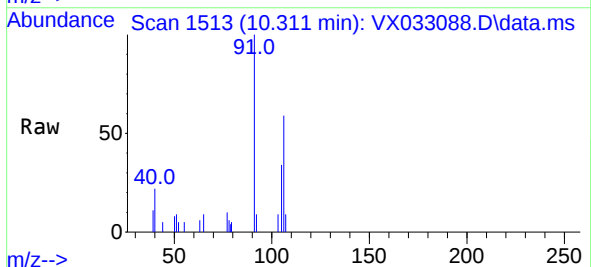
Acq: 28 Nov 2022 13:37

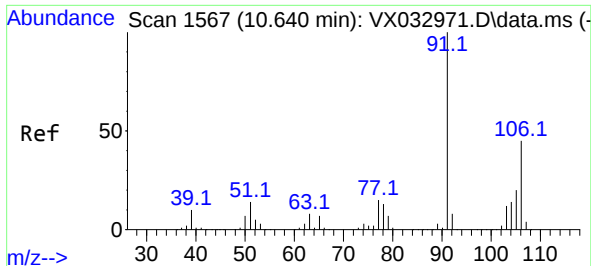
Tgt Ion:106 Resp: 1458

Ion Ratio Lower Upper

106 100

91 214.8 164.5 246.7

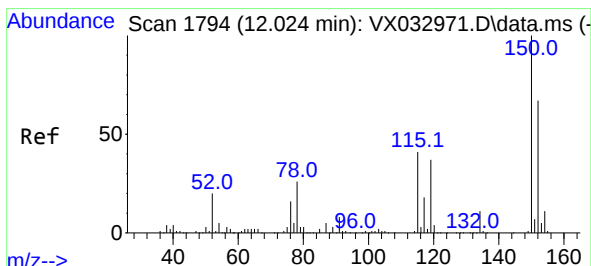
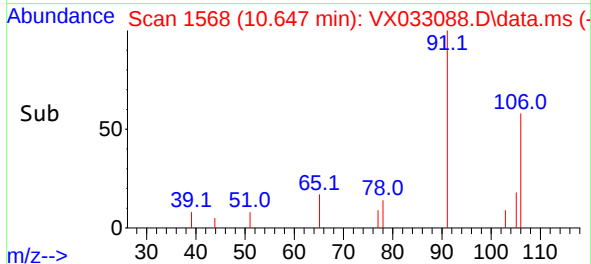
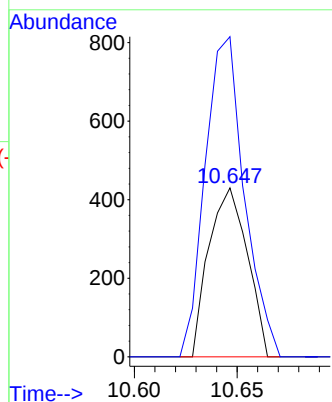
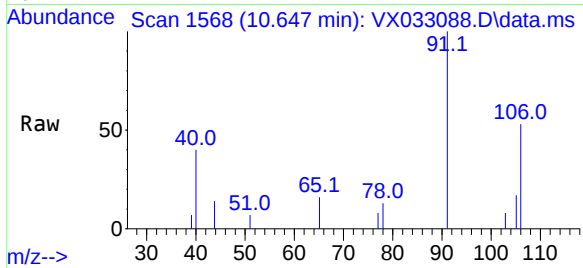




#69
o-Xylene
Concen: 0.222 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

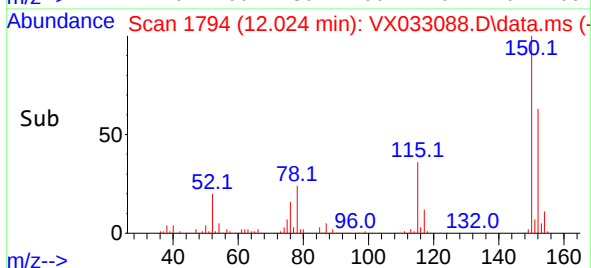
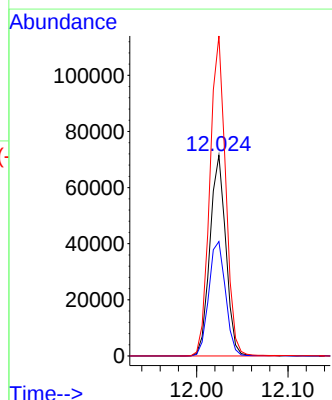
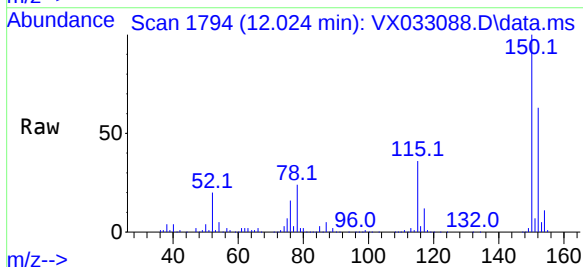
Instrument :
MSVOA_X
ClientSampleId :
MW-38D

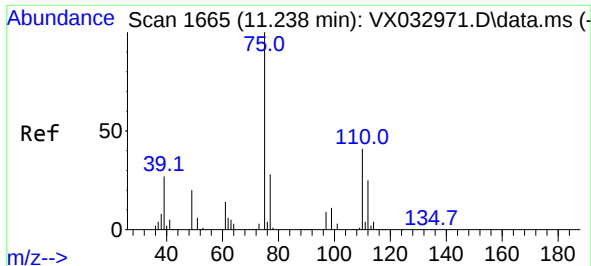
Tgt Ion:106 Resp: 560
Ion Ratio Lower Upper
106 100
91 193.2 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion:152 Resp: 86385
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 158.6 0.0 351.8

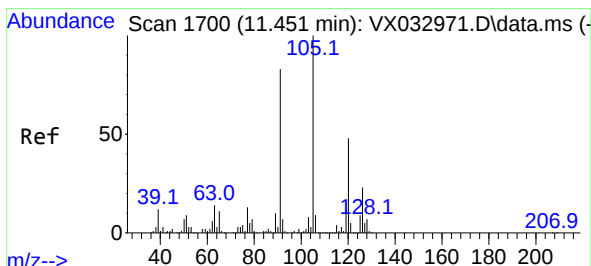
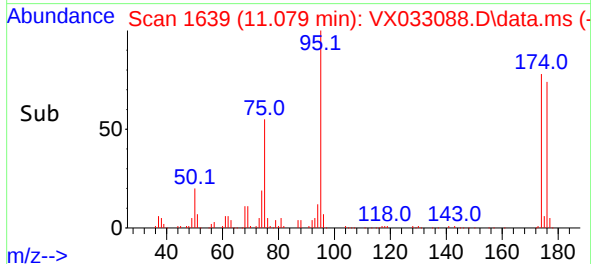
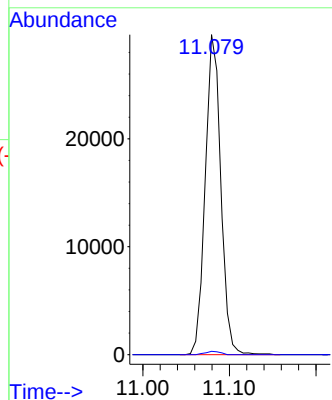
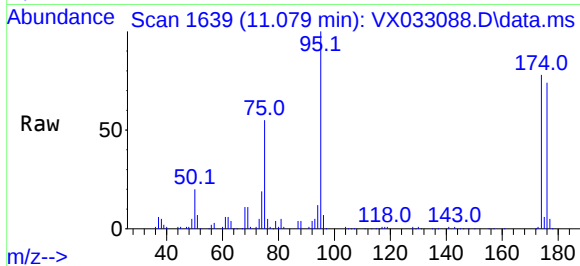




#76
1,2,3-Trichloropropane
Concen: 22.613 ug/l
RT: 11.079 min Scan# 1665
Delta R.T. -0.165 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

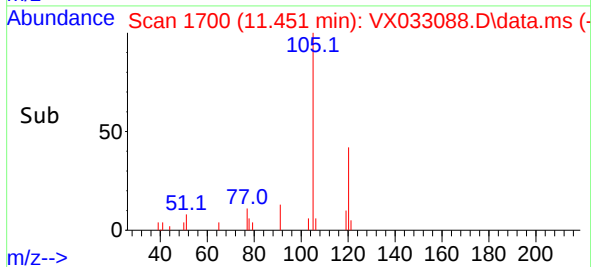
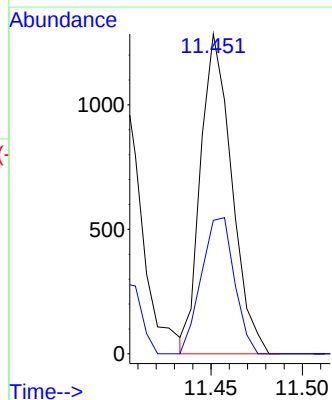
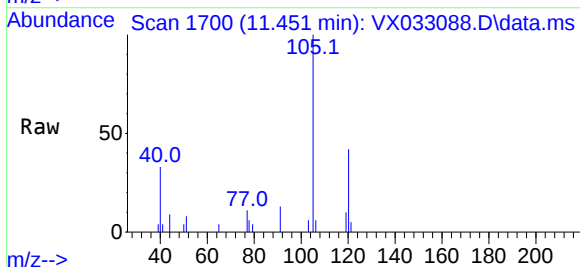
Instrument :
MSVOA_X
ClientSampleId :
MW-38D

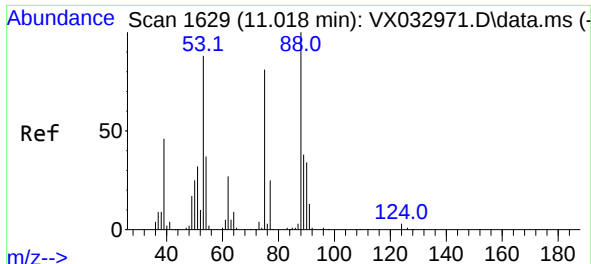
Tgt Ion: 75 Resp: 36995
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.294 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 105 Resp: 1523
Ion Ratio Lower Upper
105 100
120 45.2 23.6 71.0

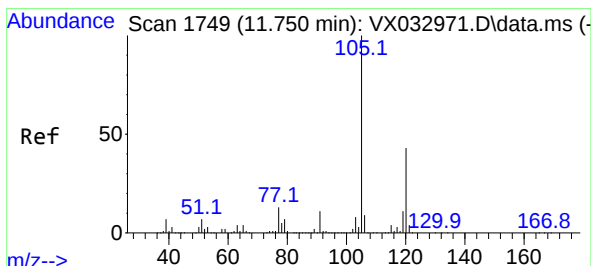
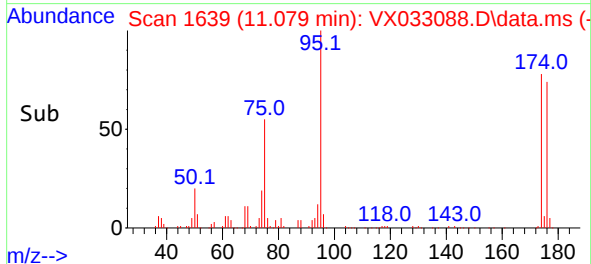
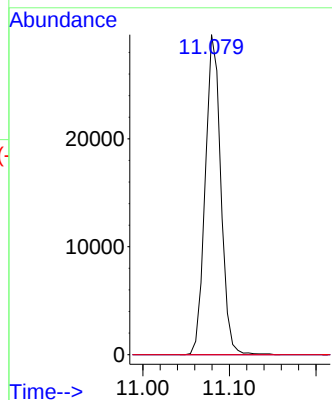
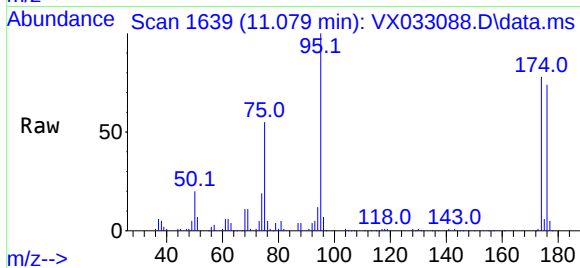




#81
trans-1,4-Dichloro-2-butene
Concen: 73.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

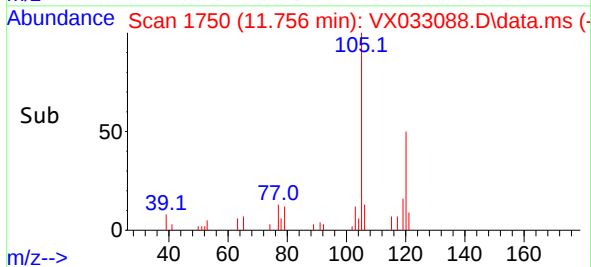
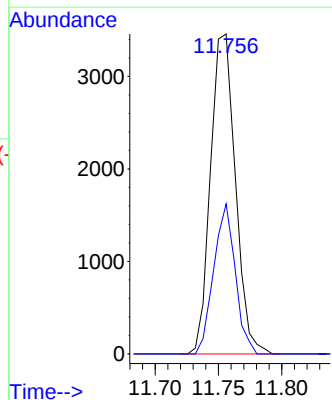
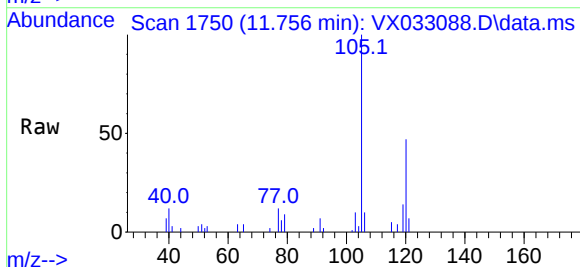
Instrument :
MSVOA_X
ClientSampleId :
MW-38D

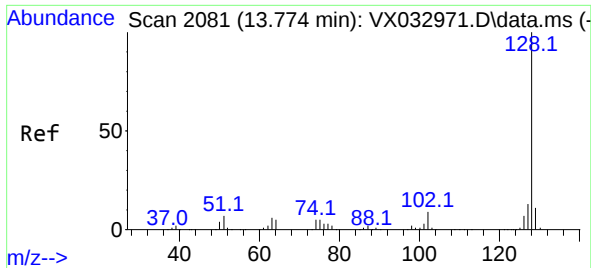
Tgt Ion: 75 Resp: 36995
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.915 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 105 Resp: 4733
Ion Ratio Lower Upper
105 100
120 40.5 21.9 65.5





#95
Naphthalene
Concen: 0.577 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:	128	Resp:	3189
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	11.9	8.9	13.3

