

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033243.D
 Acq On : 05 Dec 2022 21:59
 Operator : JC/MD
 Sample : N5875-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Quant Time: Dec 06 06:02:44 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)

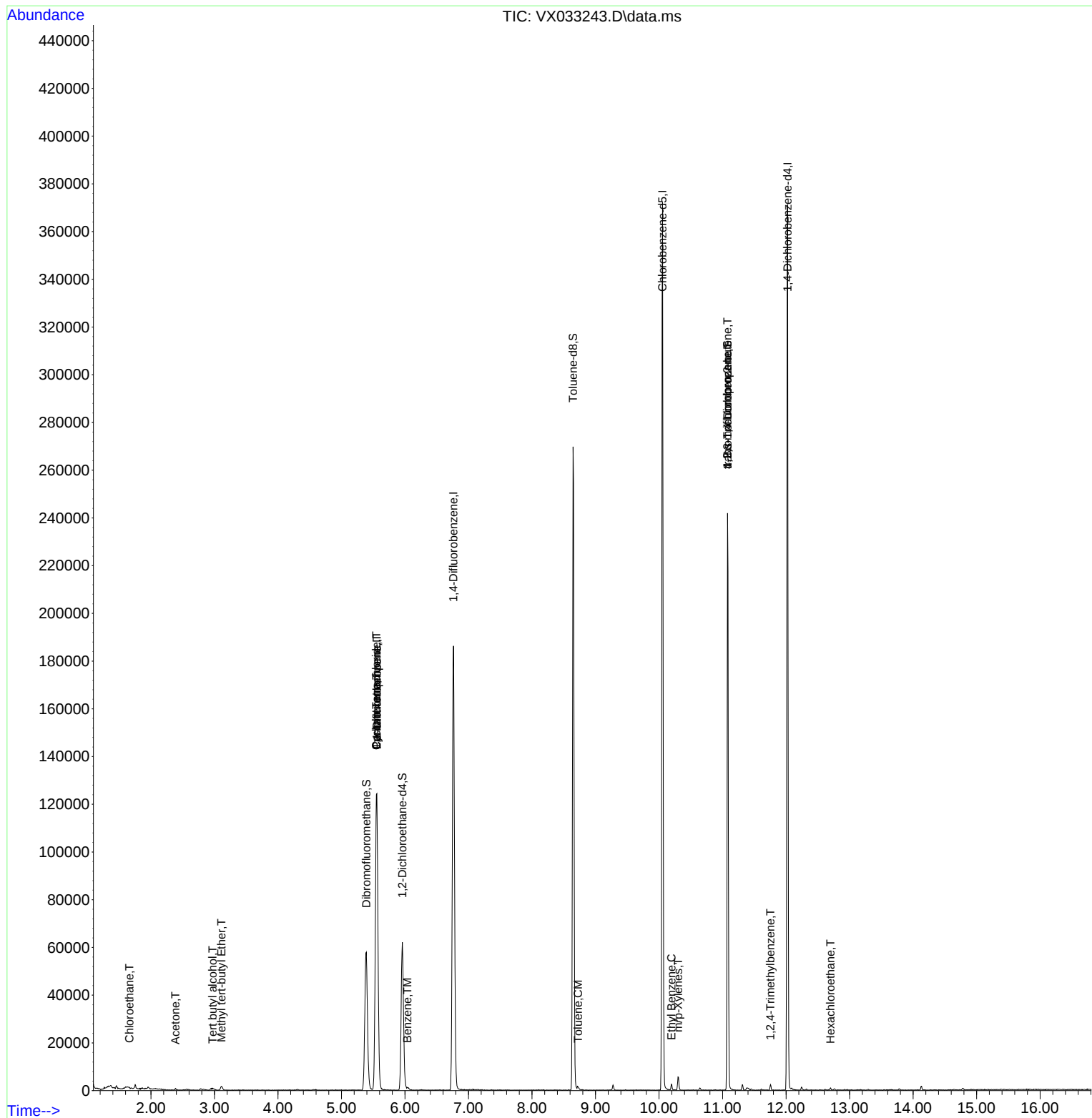
Internal Standards						
1) Pentafluorobenzene	5.556	168	121167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61635	52.195	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.380%			
35) Dibromofluoromethane	5.391	113	51557	47.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	8.647	98	163645	50.447	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	62465	44.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.180%			
Target Compounds					Qvalue	
6) Chloroethane	1.660	64	332	0.367	ug/l #	42
11) Tert butyl alcohol	2.971	59	1617	8.645	ug/l #	72
16) Acetone	2.386	43	740	1.343	ug/l #	80
19) Methyl tert-butyl Ether	3.111	73	1253	0.342	ug/l #	55
20) Methylene Chloride	2.788	84	38	Below Cal	#	39
31) Cyclohexane	5.550	56	2503	1.309	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	9166	5.315	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12821	6.702	ug/l #	16
40) Benzene	6.038	78	1351	0.279	ug/l #	89
52) Toluene	8.726	92	655	0.206	ug/l	99
67) Ethyl Benzene	10.195	91	1884	0.315	ug/l	94
68) m/p-Xylenes	10.299	106	1428	0.610	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	33214	22.052	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33214	71.679	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1272	0.267	ug/l	100
90) Hexachloroethane	12.701	117	588	0.743	ug/l #	12

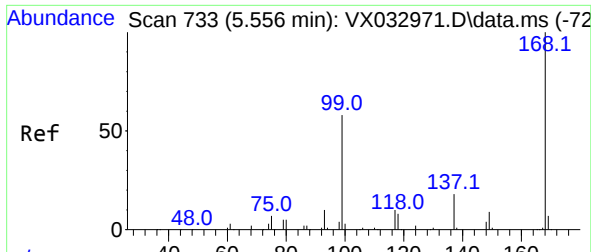
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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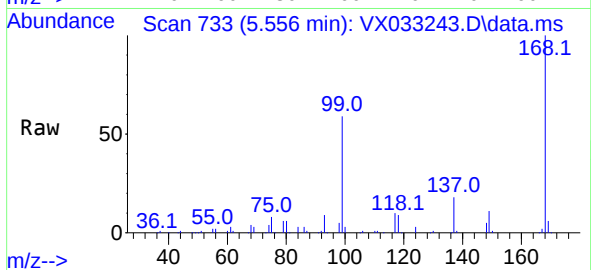
Quant Time: Dec 06 06:02:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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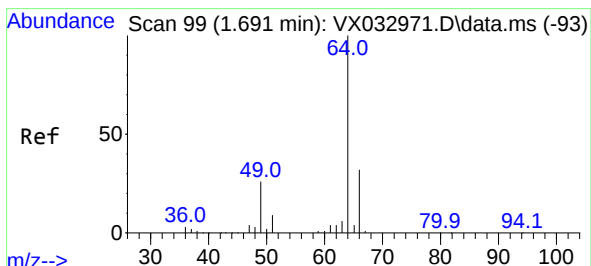
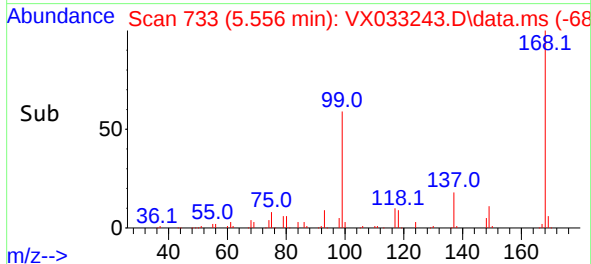
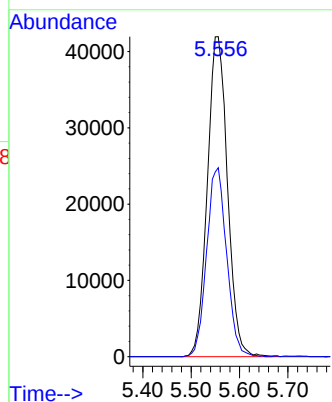


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
MW-43

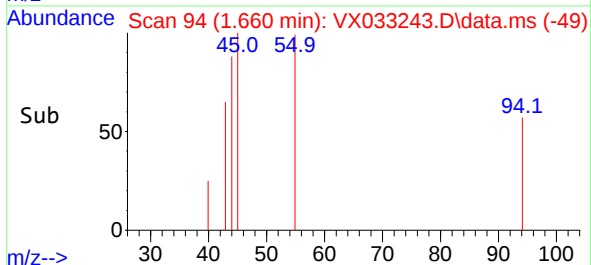
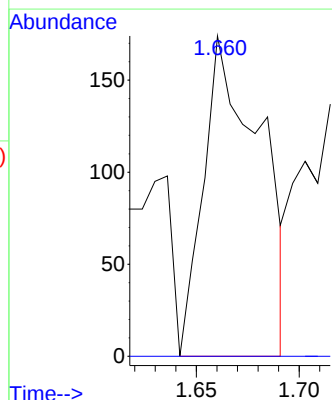
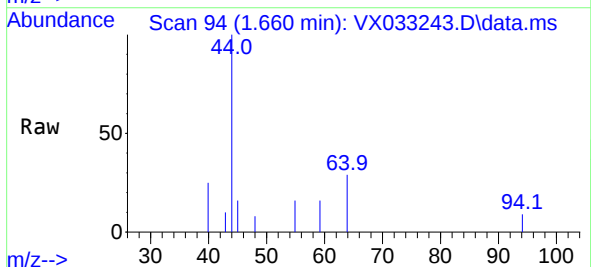


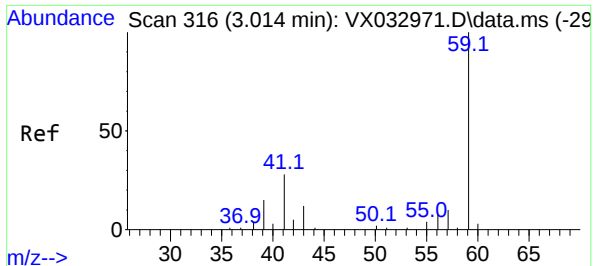
Tgt Ion:168 Resp: 121167
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#6
Chloroethane
Concen: 0.367 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 8.645 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.006 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

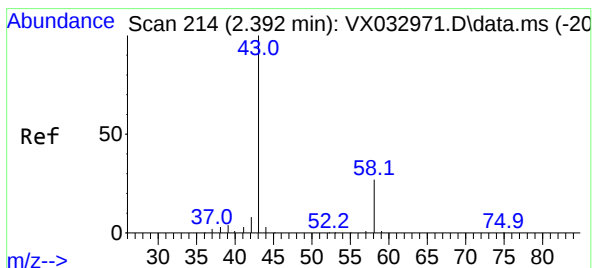
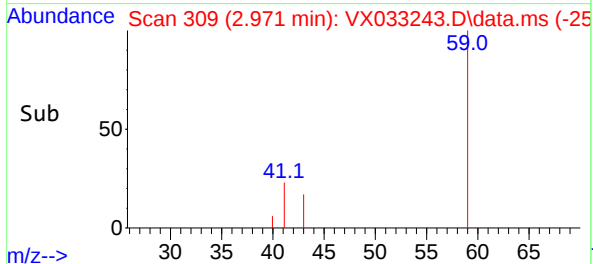
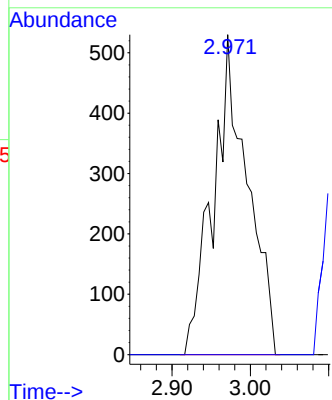
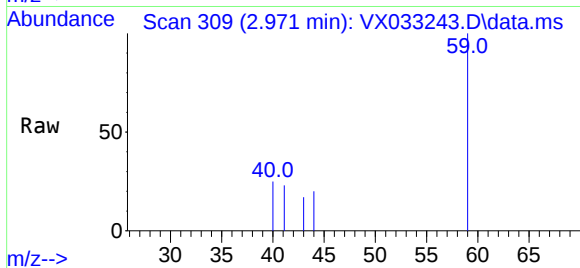
MW-43

Tgt Ion: 59 Resp: 1617

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.343 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX033243.D

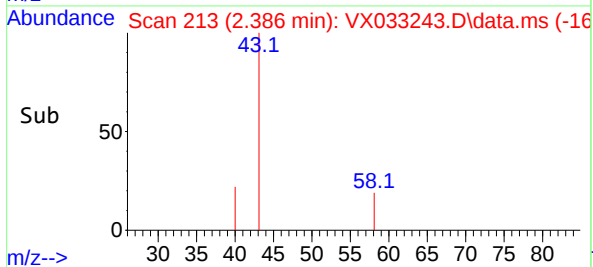
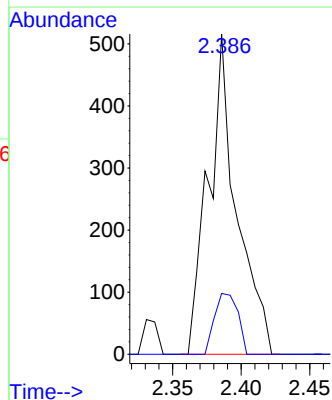
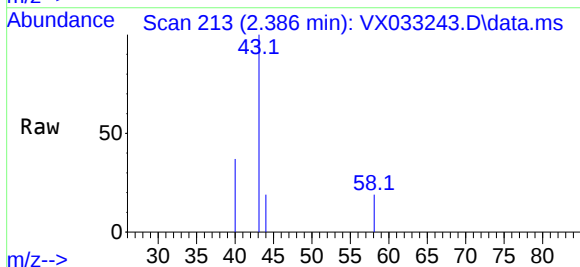
Acq: 05 Dec 2022 21:59

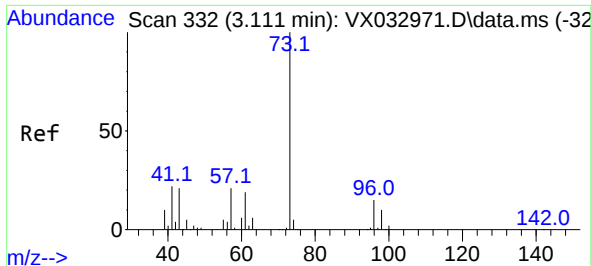
Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

58 19.0 23.8 35.8#





#19

Methyl tert-butyl Ether

Concen: 0.342 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

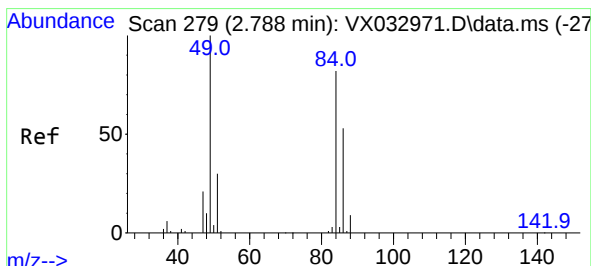
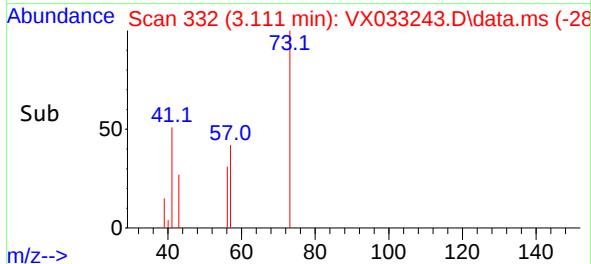
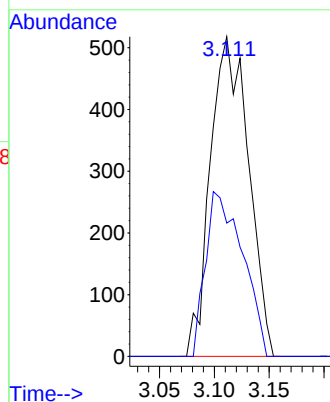
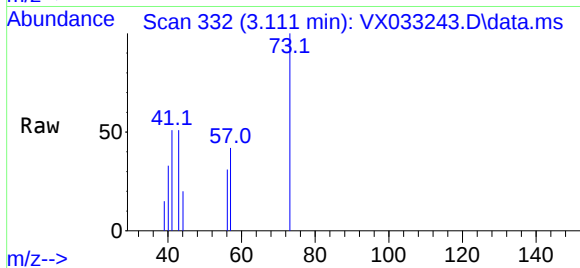
MW-43

Tgt Ion: 73 Resp: 1253

Ion Ratio Lower Upper

73 100

57 41.7 16.6 25.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

Tgt Ion: 84 Resp: 38

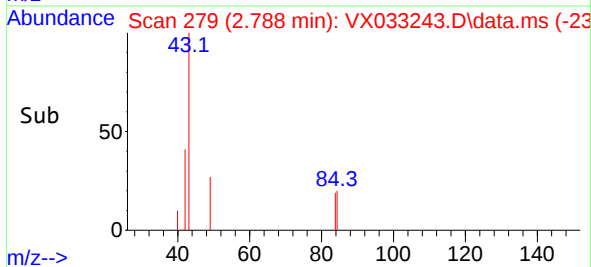
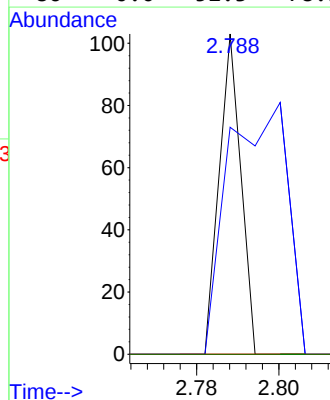
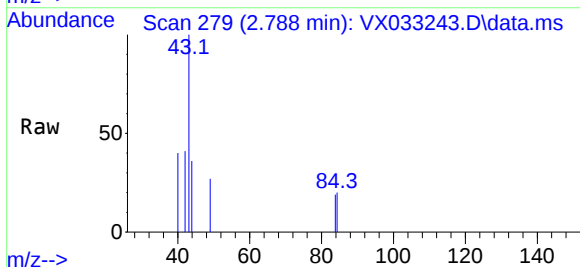
Ion Ratio Lower Upper

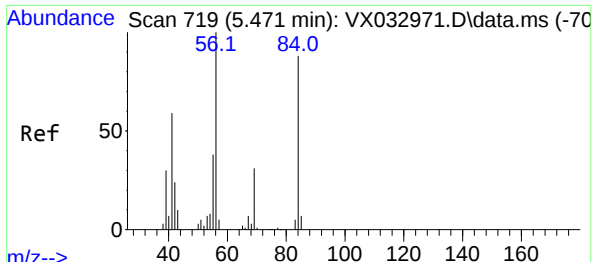
84 100

49 70.9 101.0 151.6#

51 0.0 31.1 46.7#

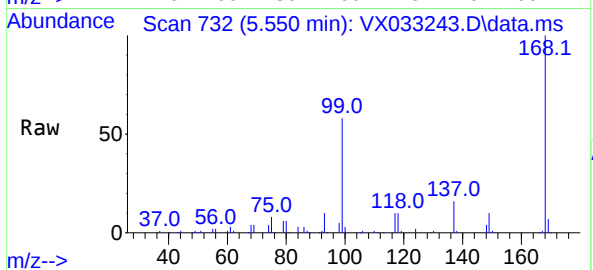
86 0.0 52.3 78.5#



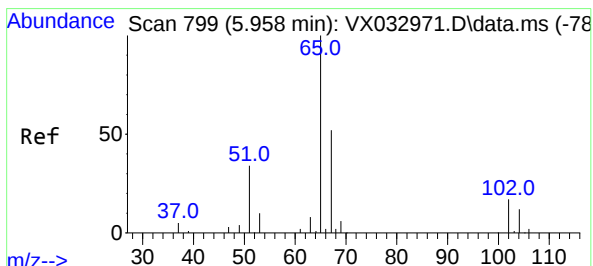
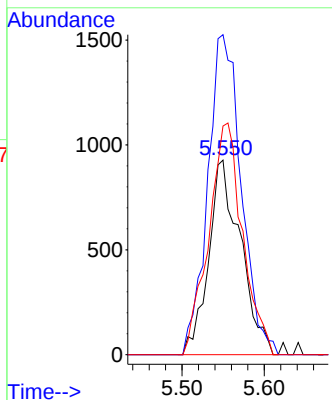
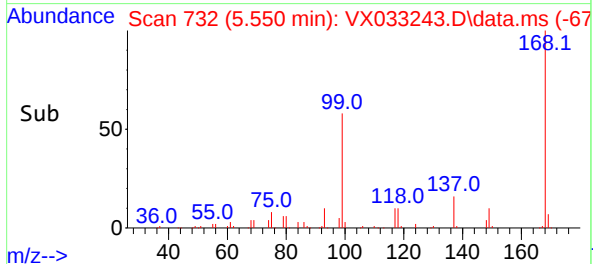


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
MW-43

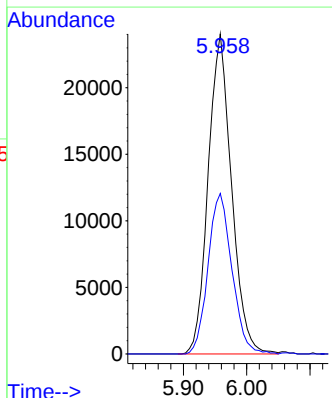
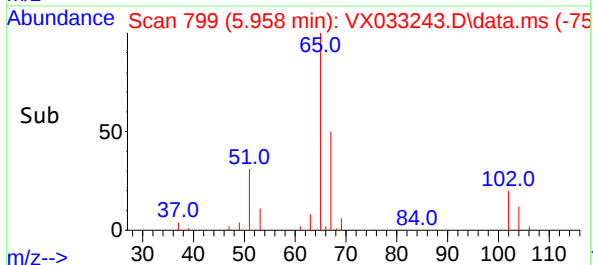
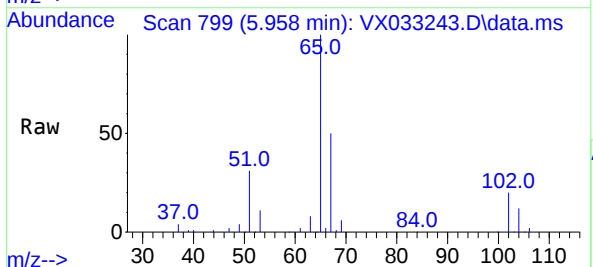


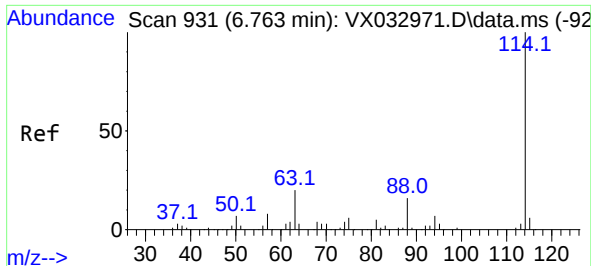
Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 164.4 24.1 36.1#
84 117.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.195 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 65 Resp: 61635
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

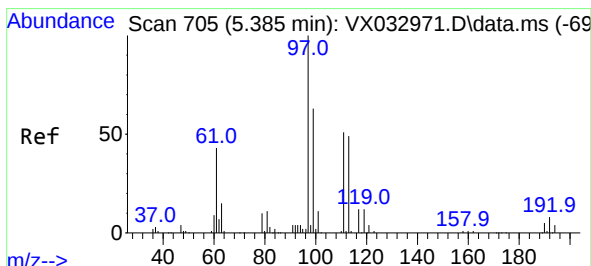
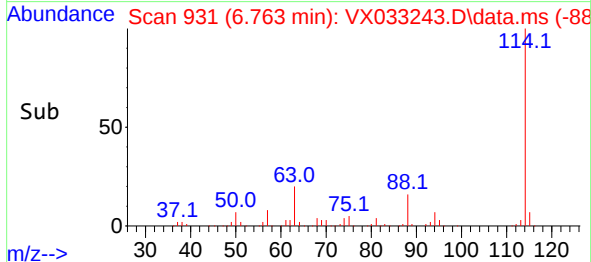
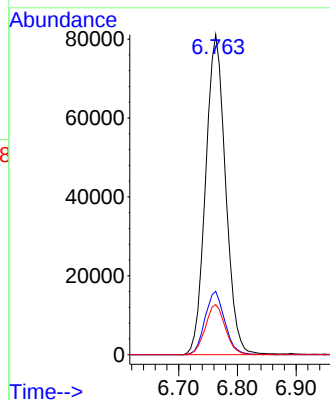
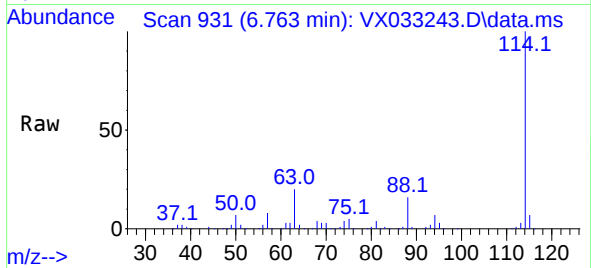




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

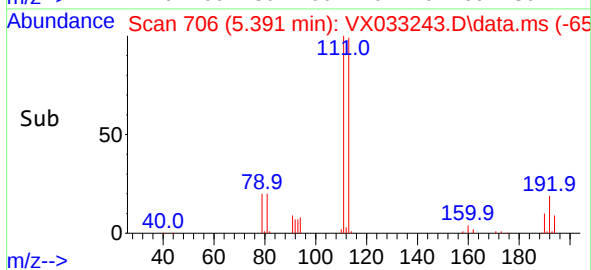
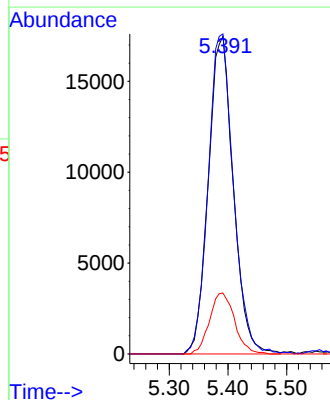
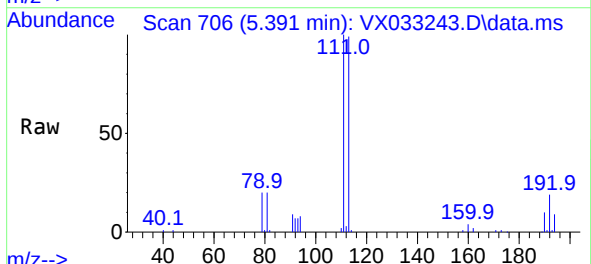
Instrument :
MSVOA_X
ClientSampleId :
MW-43

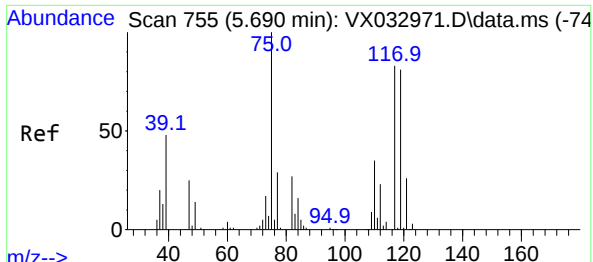
Tgt Ion:114 Resp: 191313
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.802 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion:113 Resp: 51557
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

MW-43

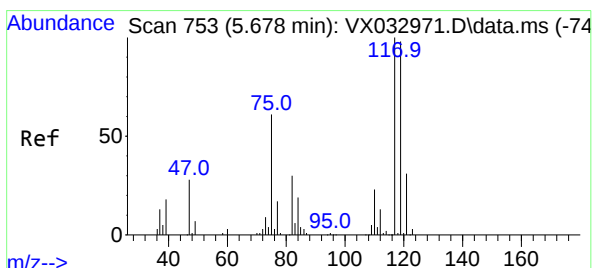
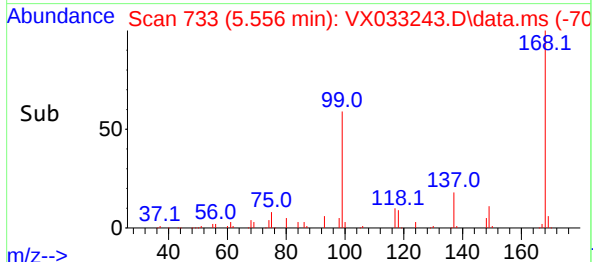
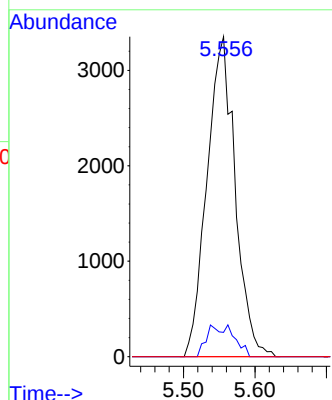
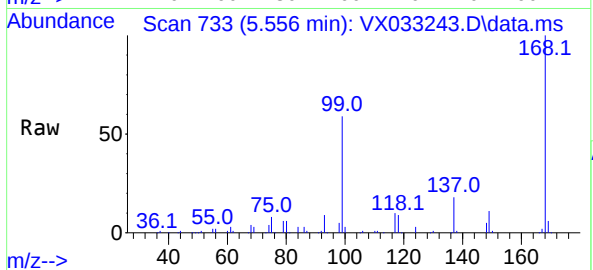
Tgt Ion: 75 Resp: 9166

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.702 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

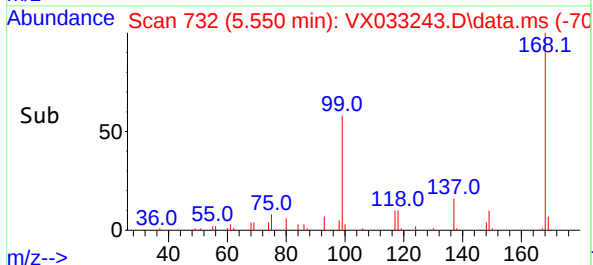
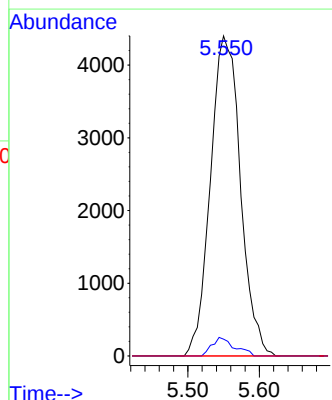
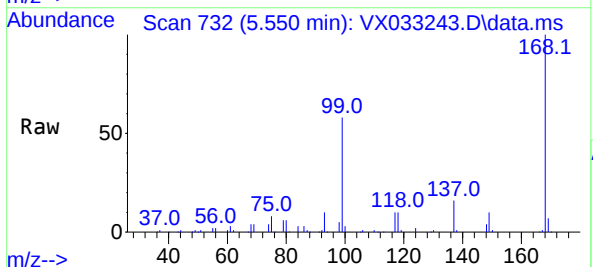
Tgt Ion: 117 Resp: 12821

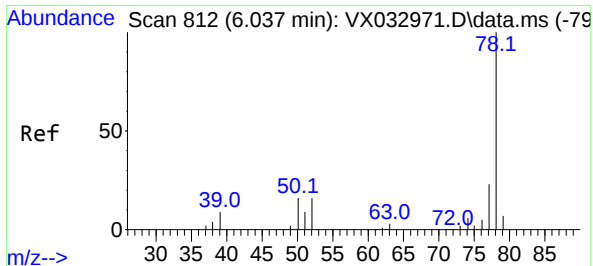
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.8 38.6#

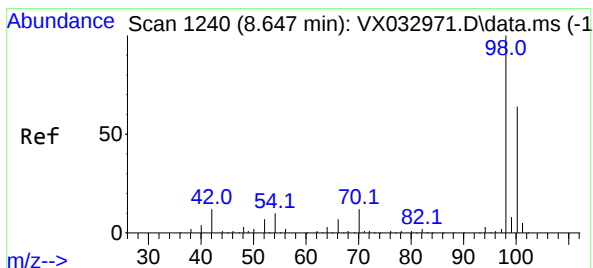
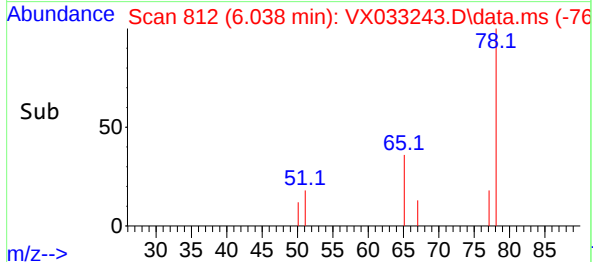
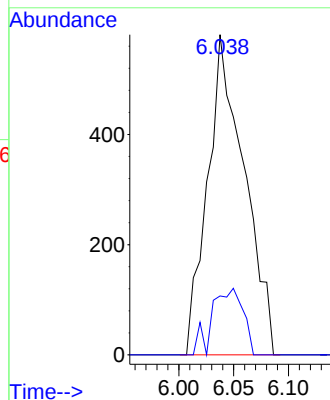
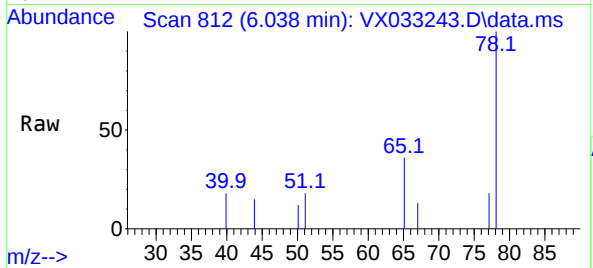




#40
Benzene
Concen: 0.279 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

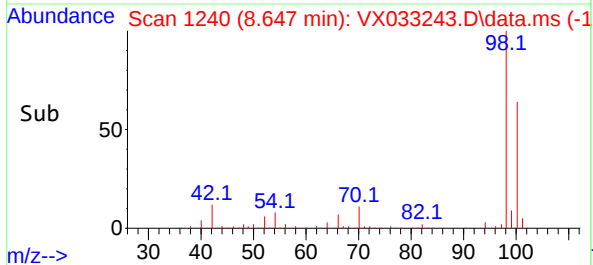
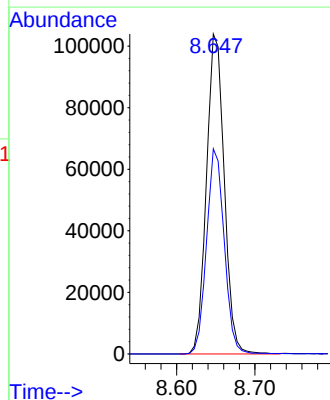
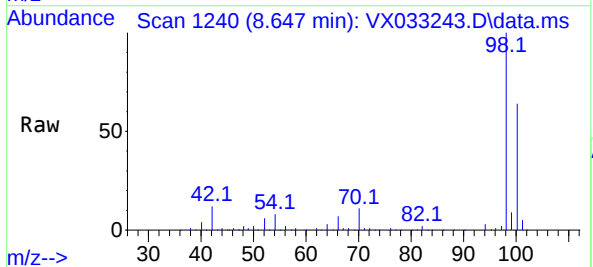
Instrument :
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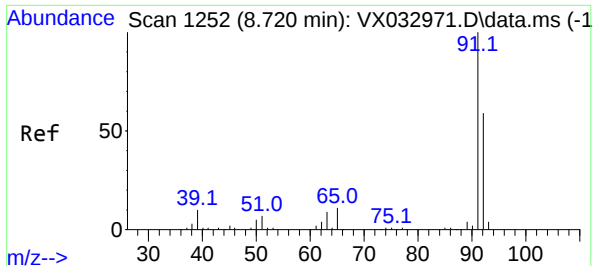
Tgt Ion: 78 Resp: 1351
Ion Ratio Lower Upper
78 100
77 18.4 19.0 28.4#



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 98 Resp: 163645
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#52

Toluene

Concen: 0.206 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

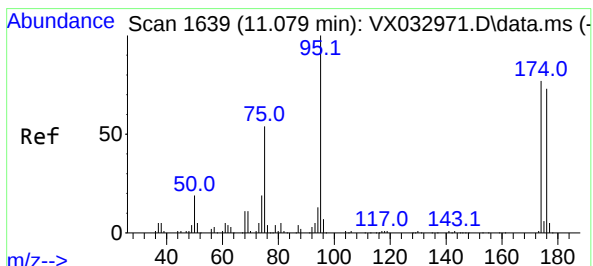
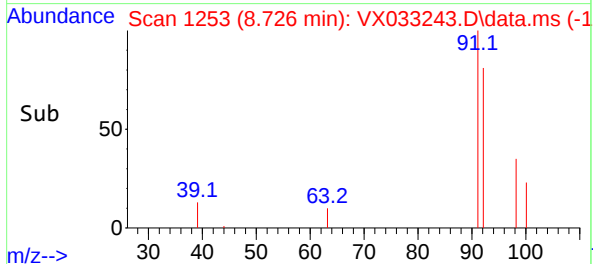
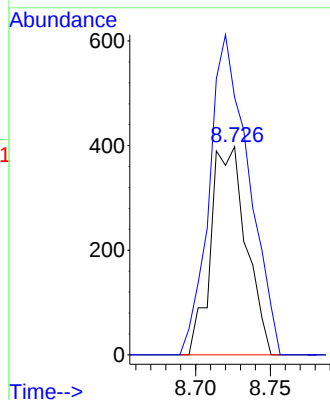
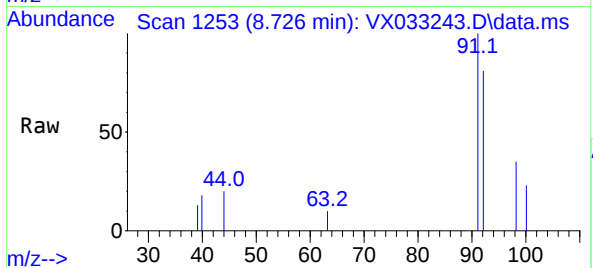
MW-43

Tgt Ion: 92 Resp: 655

Ion Ratio Lower Upper

92 100

91 171.1 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 44.089 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

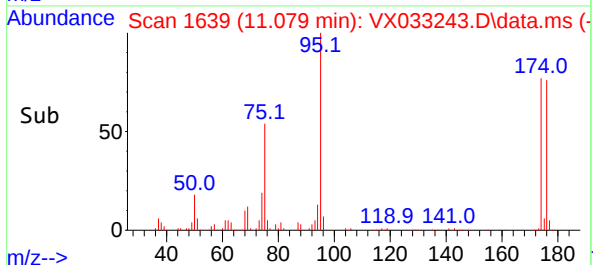
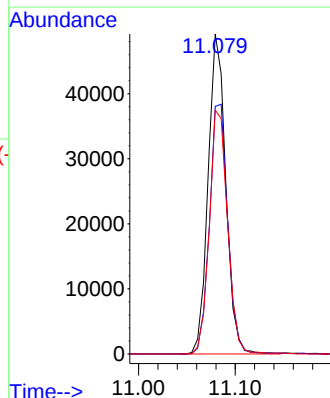
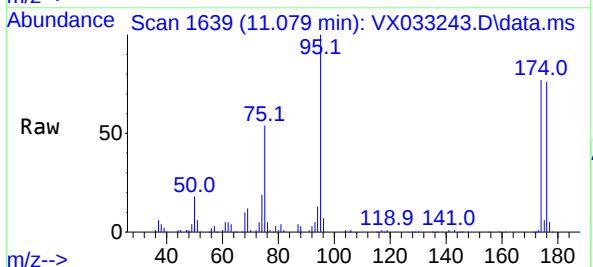
Tgt Ion: 95 Resp: 62465

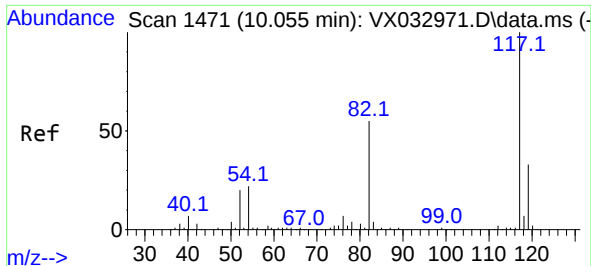
Ion Ratio Lower Upper

95 100

174 80.9 0.0 164.0

176 78.7 0.0 154.4

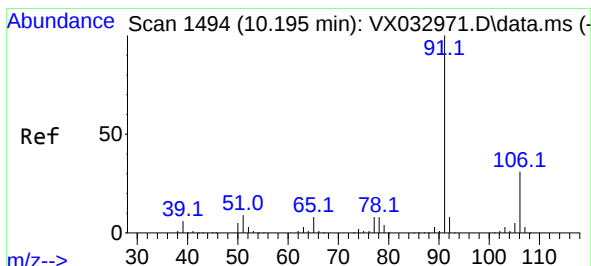
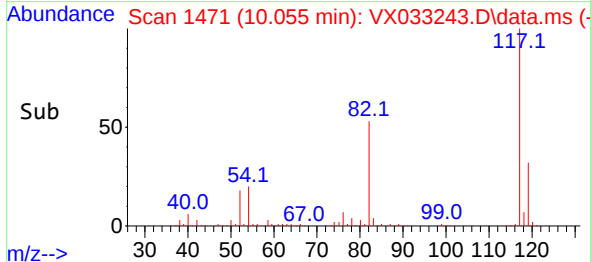
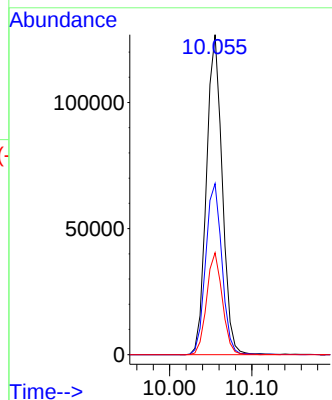
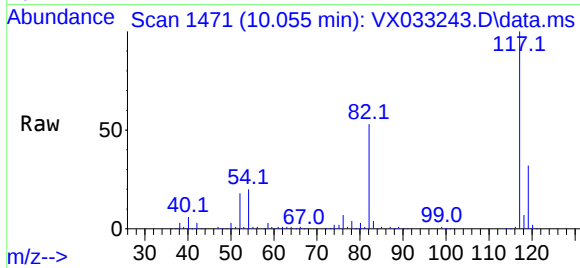




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

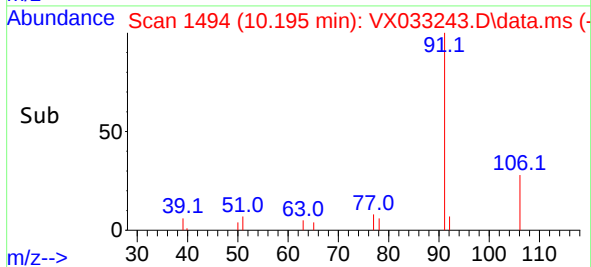
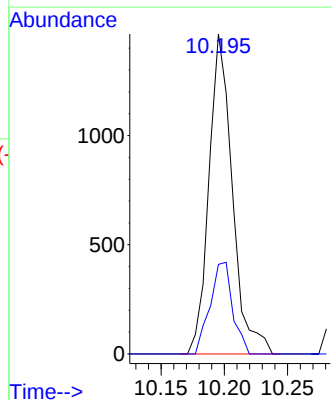
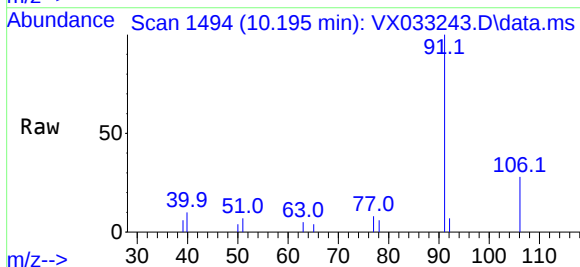
Instrument :
MSVOA_X
ClientSampleId :
MW-43

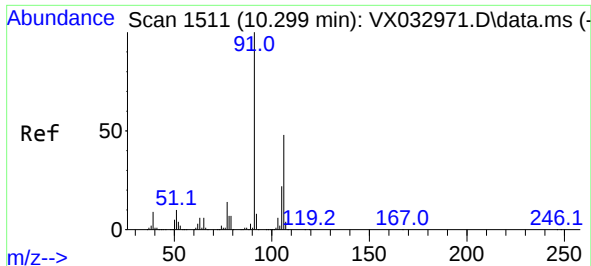
Tgt Ion:117 Resp: 169068
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.9 25.7 38.5



#67
Ethyl Benzene
Concen: 0.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 91 Resp: 1884
Ion Ratio Lower Upper
91 100
106 28.0 25.0 37.6

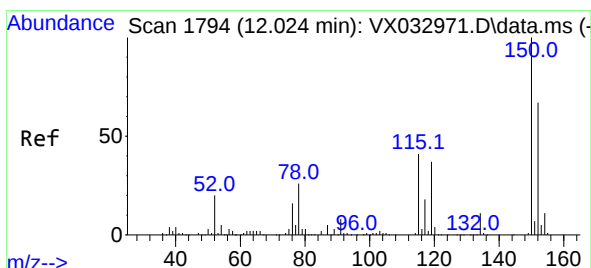
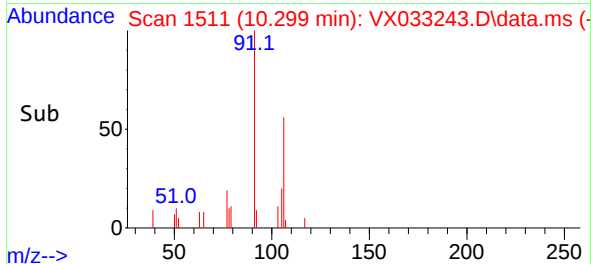
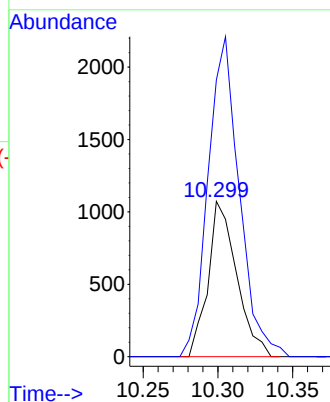
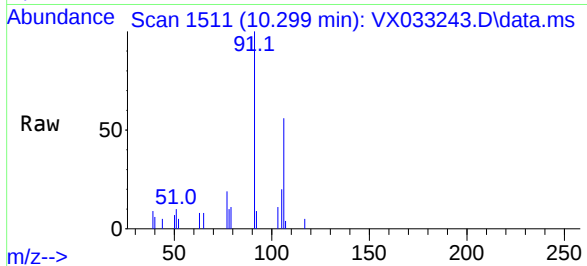




#68
m/p-Xylenes
Concen: 0.610 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

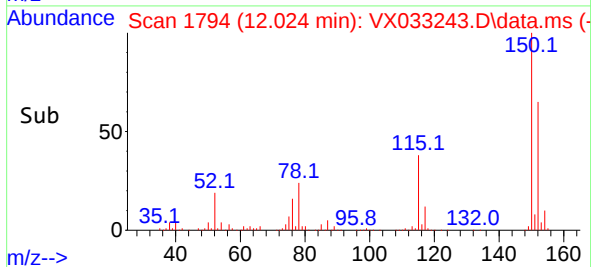
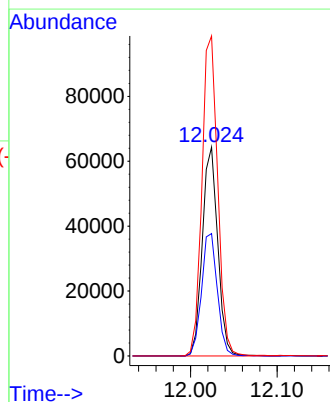
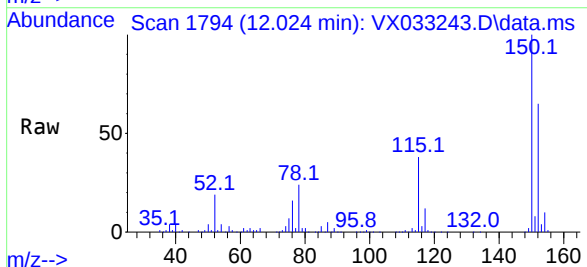
Instrument :
MSVOA_X
ClientSampleId :
MW-43

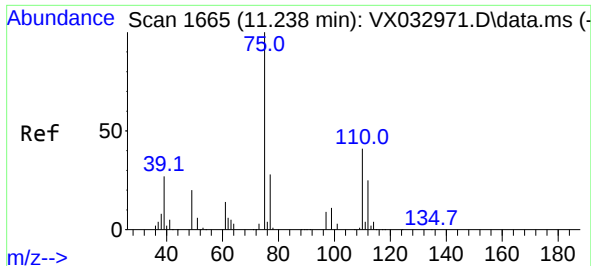
Tgt Ion:106 Resp: 1428
Ion Ratio Lower Upper
106 100
91 224.3 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion:152 Resp: 79530
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.8 0.0 351.8

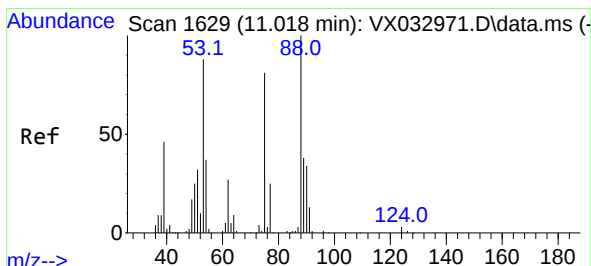
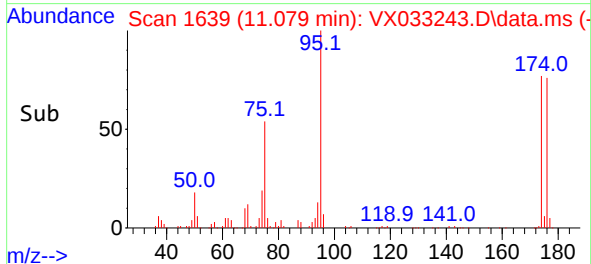
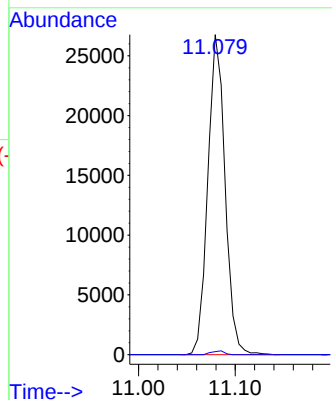
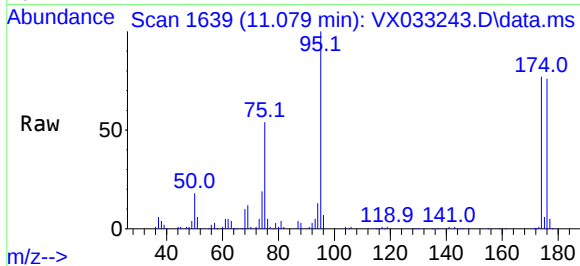




#76
1,2,3-Trichloropropane
Concen: 22.052 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

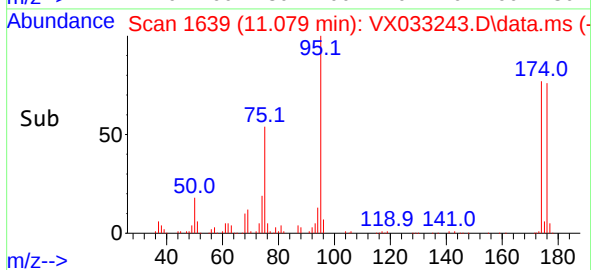
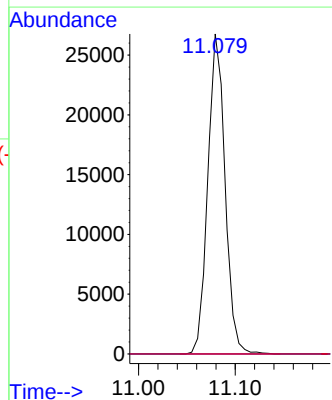
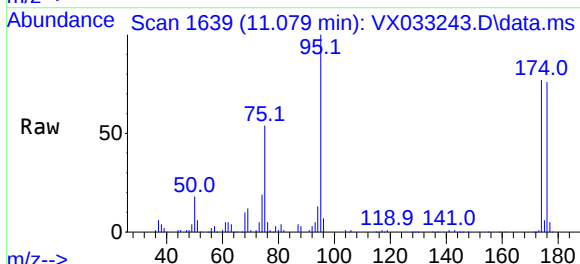
Instrument :
MSVOA_X
ClientSampleId :
MW-43

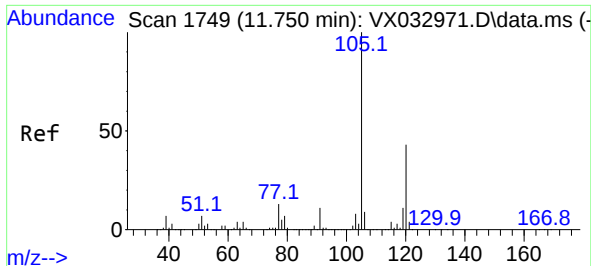
Tgt Ion: 75 Resp: 33214
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 75 Resp: 33214
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

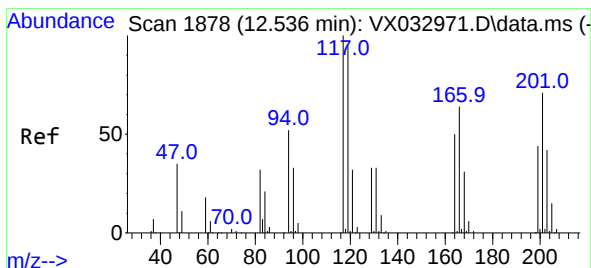
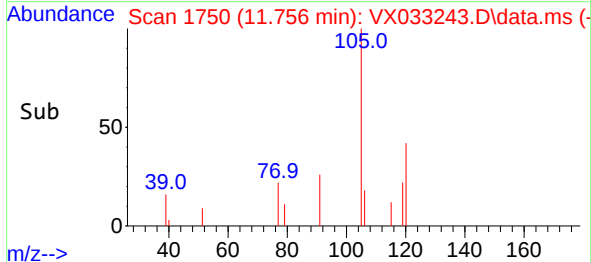
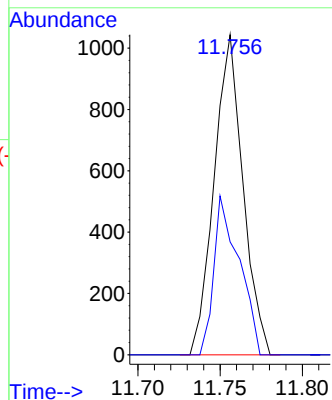
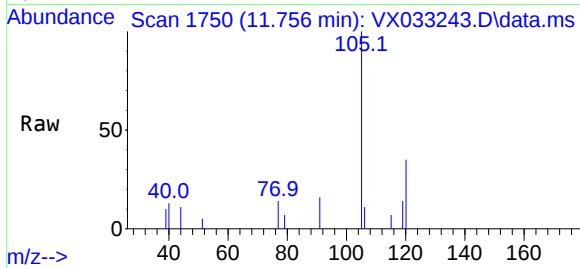




#84
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
MW-43

Tgt Ion:105 Resp: 1272
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5



#90
Hexachloroethane
Concen: 0.743 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion:117 Resp: 588
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

