

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033290.D
 Acq On : 07 Dec 2022 18:46
 Operator : JC/MD
 Sample : N5875-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38

Quant Time: Dec 08 01:43:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

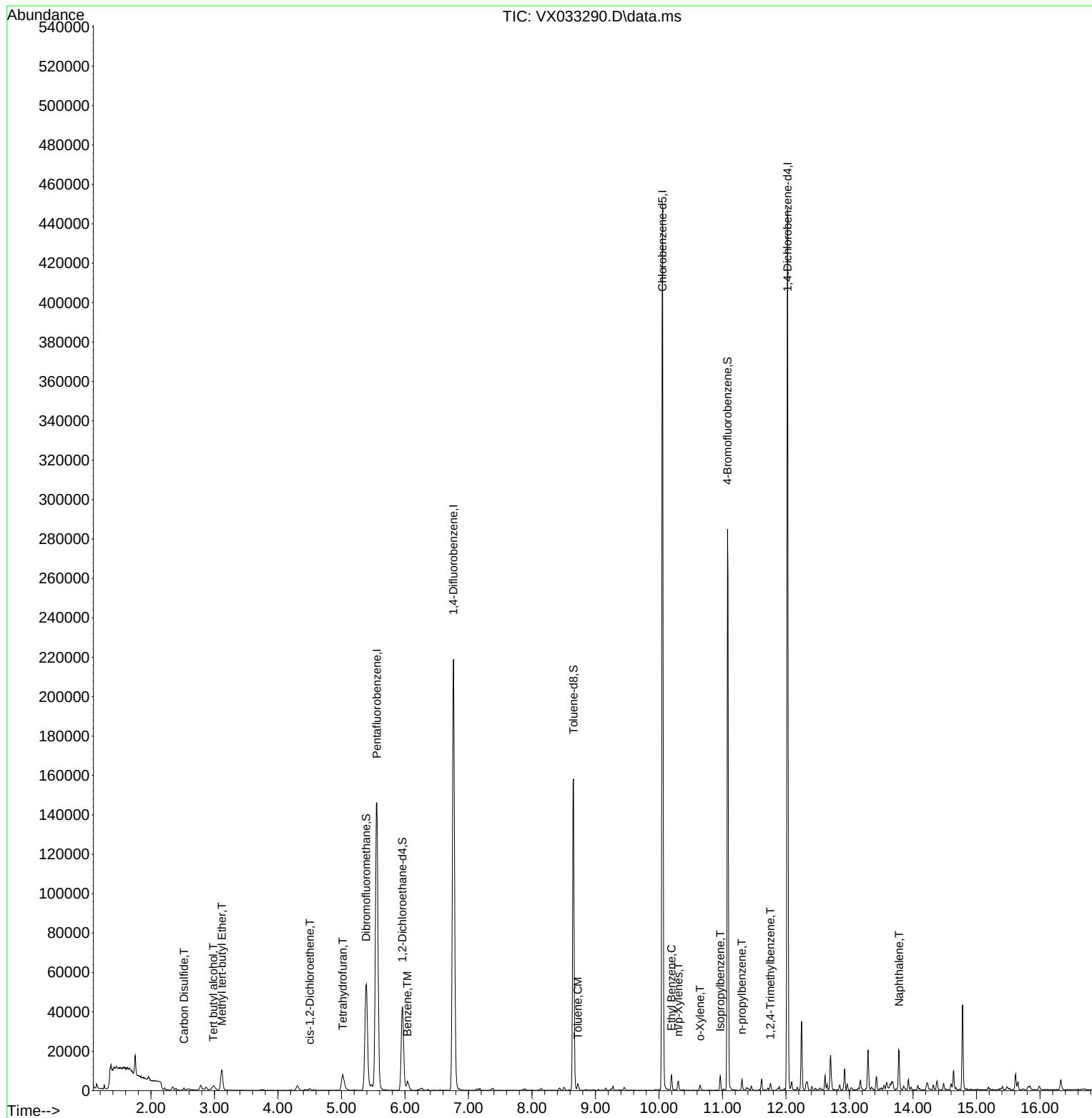
Internal Standards						
1) Pentafluorobenzene	5.556	168	140536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44426	49.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.385	113	47653	47.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.653	98	99130	46.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.079	95	74778	46.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	3996	14.497	ug/l	96
17) Carbon Disulfide	2.520	76	1611	0.493	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	10656	2.415	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	538	0.323	ug/l	87
29) Tetrahydrofuran	5.019	42	7672	12.365	ug/l	98
40) Benzene	6.038	78	5164	0.899	ug/l	94
52) Toluene	8.720	92	1195	0.322	ug/l	90
67) Ethyl Benzene	10.195	91	4662	0.664	ug/l	98
68) m/p-Xylenes	10.305	106	1242	0.455	ug/l	92
69) o-Xylene	10.647	106	707	0.262	ug/l	93
73) Isopropylbenzene	10.964	105	3930	0.589	ug/l	96
78) n-propylbenzene	11.305	91	3603	0.483	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1775	0.320	ug/l	98
95) Naphthalene	13.780	128	13629	2.215	ug/l	98

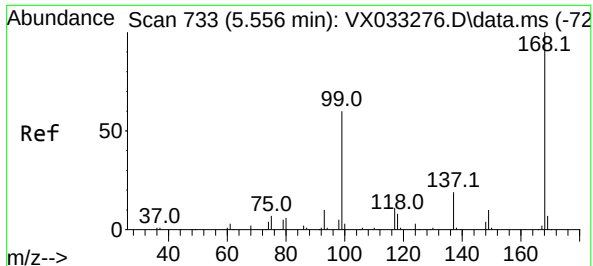
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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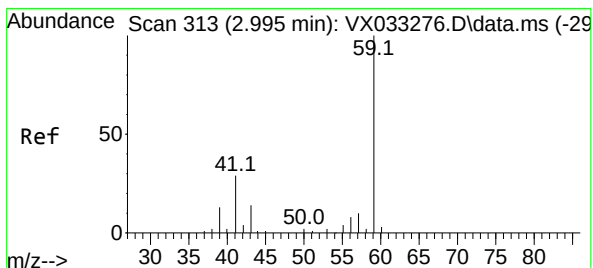
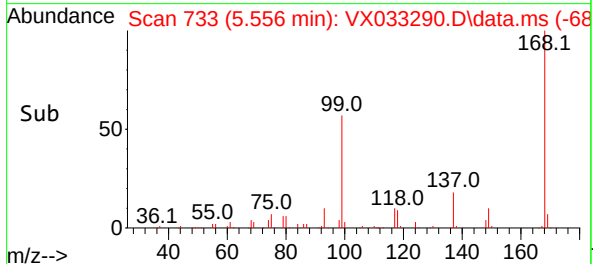
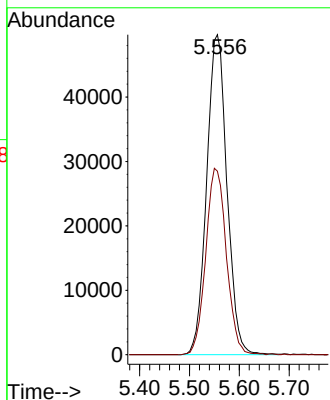
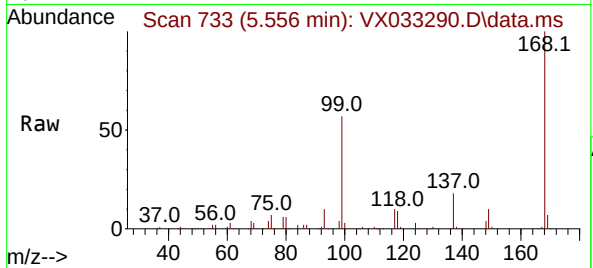




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

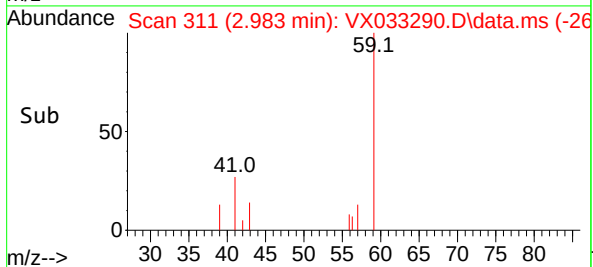
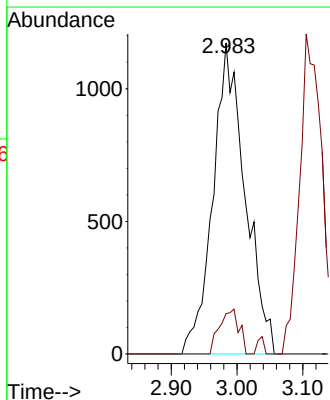
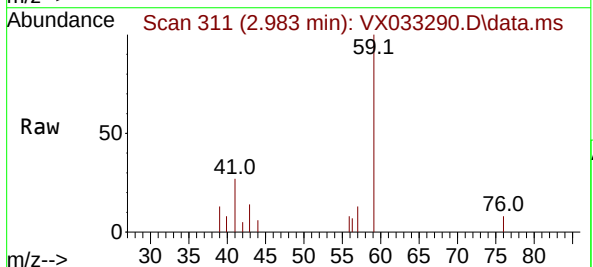
Instrument :
MSVOA_X
ClientSampleId :
MW-38

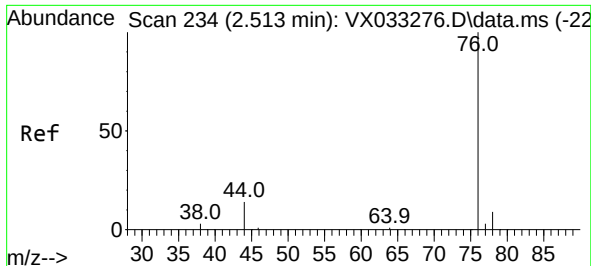
Tgt Ion:168 Resp: 140536
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 14.497 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 59 Resp: 3996
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

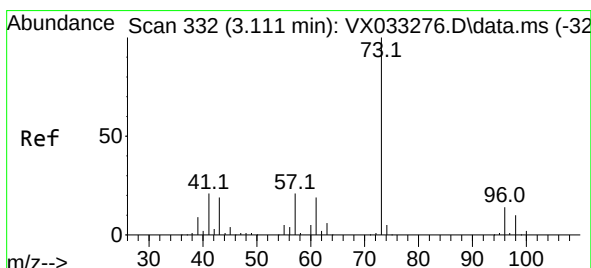
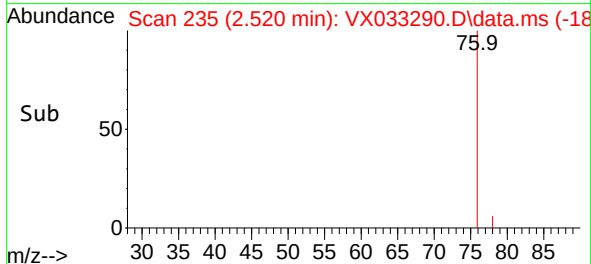
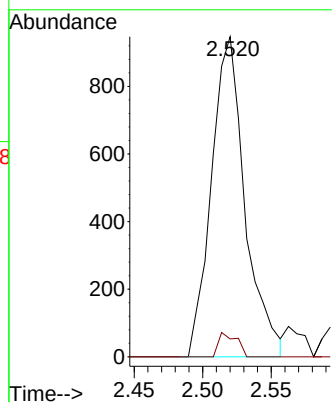
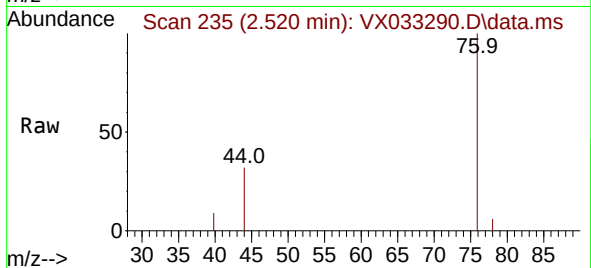




#17
Carbon Disulfide
Concen: 0.493 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

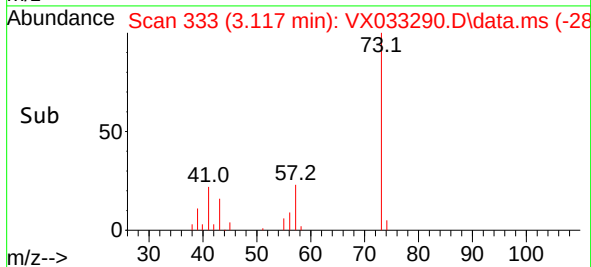
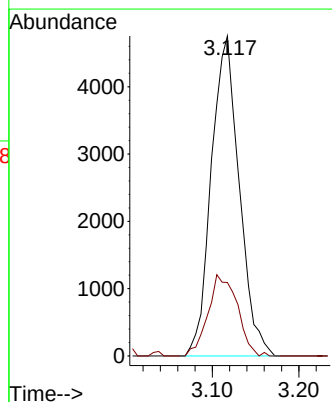
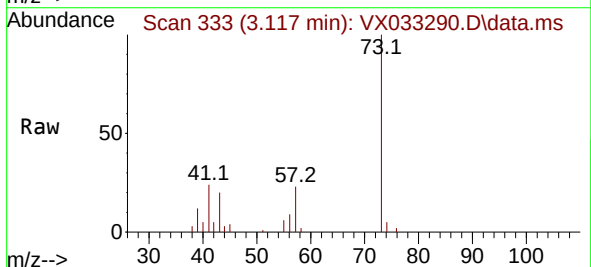
Instrument :
MSVOA_X
ClientSampleId :
MW-38

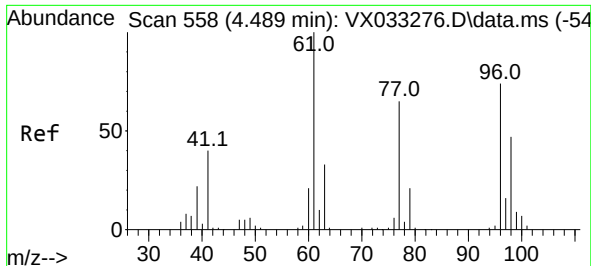
Tgt Ion: 76 Resp: 1611
Ion Ratio Lower Upper
76 100
78 5.6 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 2.415 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.007 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 73 Resp: 10656
Ion Ratio Lower Upper
73 100
57 22.9 16.6 25.0





#27

cis-1,2-Dichloroethene

Concen: 0.323 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.013 min

Lab File: VX033290.D

Acq: 07 Dec 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-38

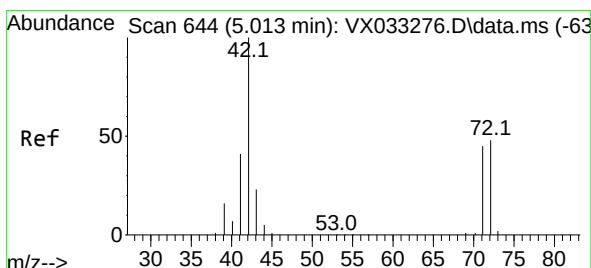
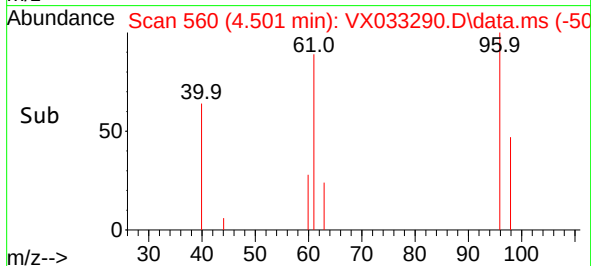
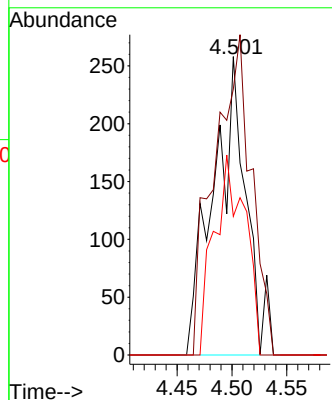
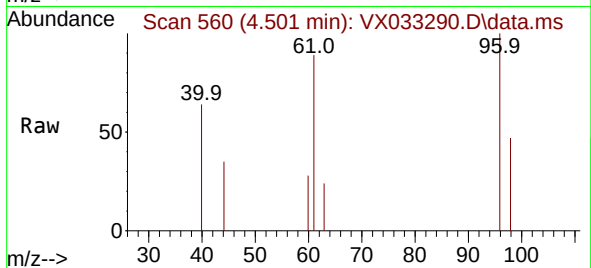
Tgt Ion: 96 Resp: 538

Ion Ratio Lower Upper

96 100

61 121.4 0.0 286.0

98 63.4 0.0 129.6



#29

Tetrahydrofuran

Concen: 12.365 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.007 min

Lab File: VX033290.D

Acq: 07 Dec 2022 18:46

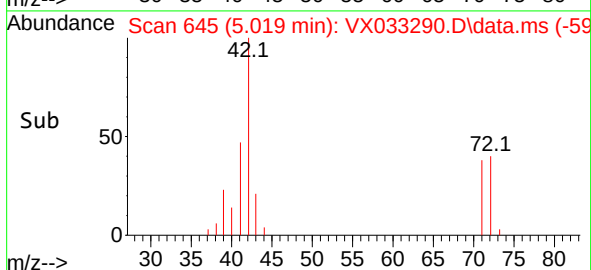
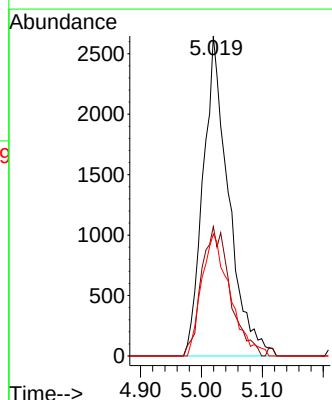
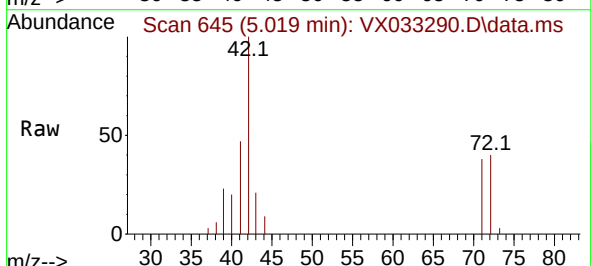
Tgt Ion: 42 Resp: 7672

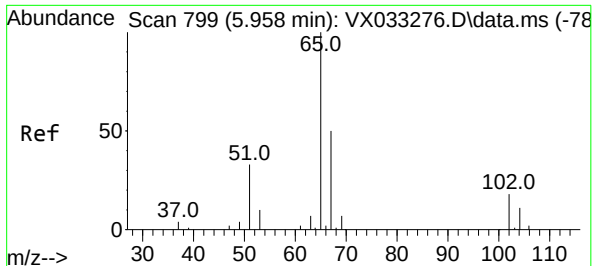
Ion Ratio Lower Upper

42 100

72 45.3 37.6 56.4

71 42.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.275 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033290.D

Acq: 07 Dec 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

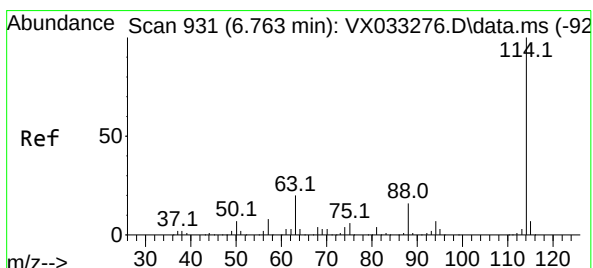
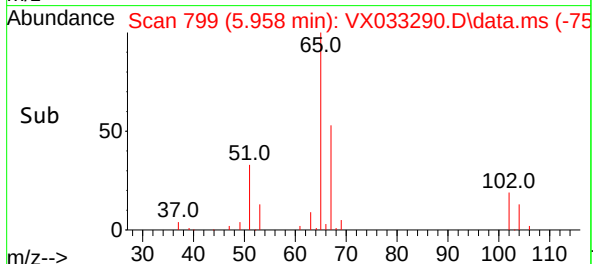
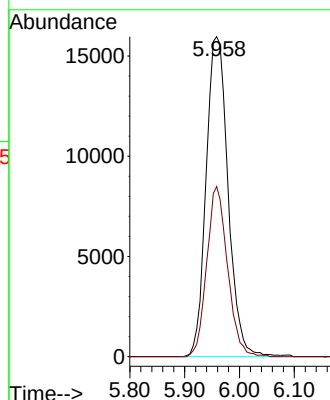
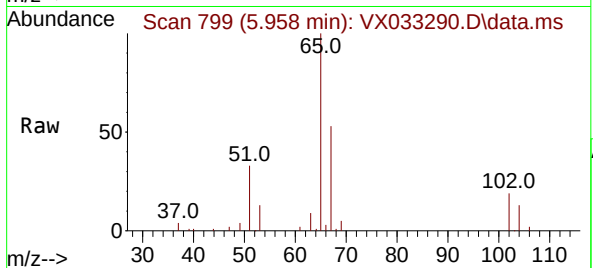
MW-38

Tgt Ion: 65 Resp: 44426

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033290.D

Acq: 07 Dec 2022 18:46

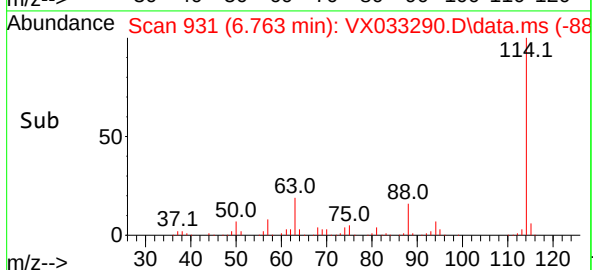
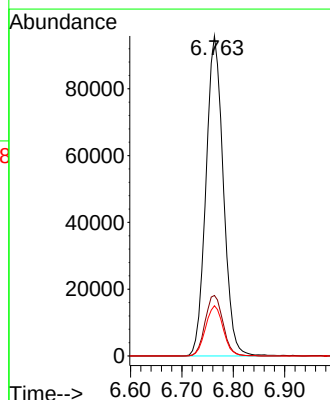
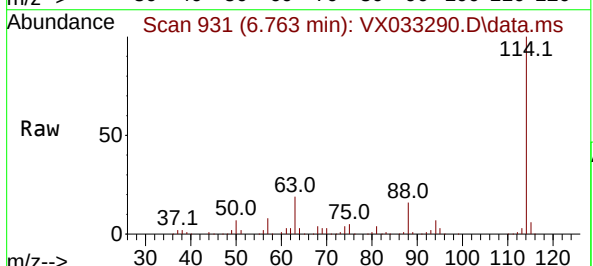
Tgt Ion: 114 Resp: 224739

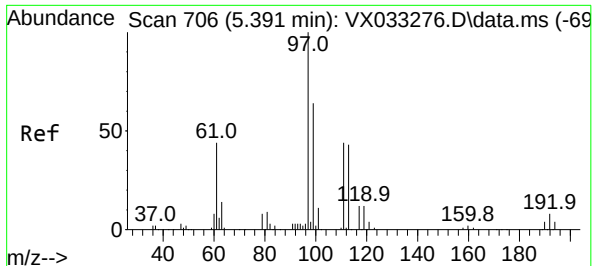
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.7 0.0 33.4

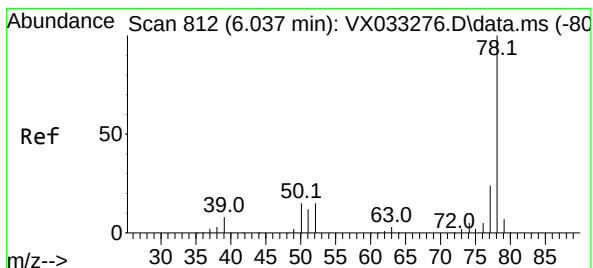
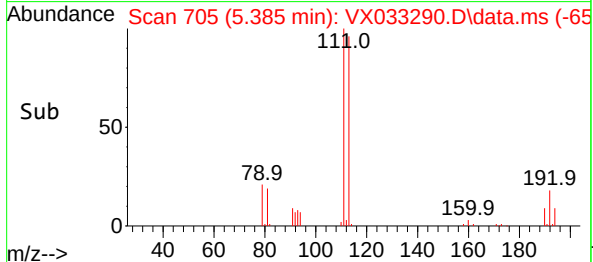
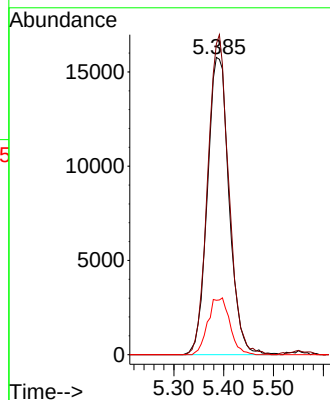
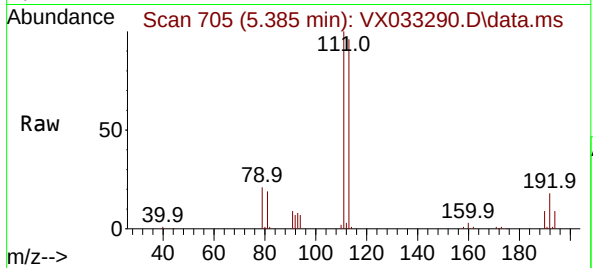




#35
Dibromofluoromethane
Concen: 47.142 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

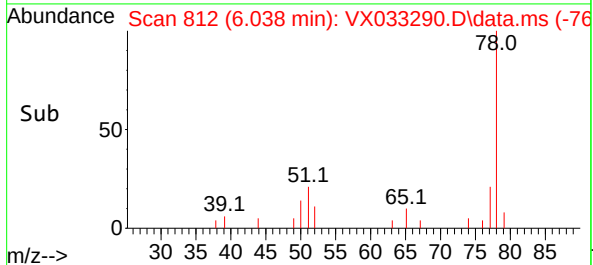
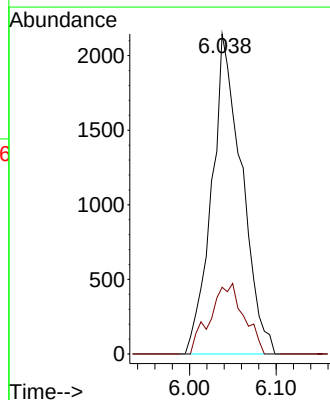
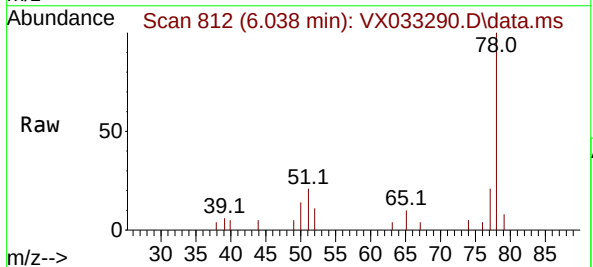
Instrument :
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ClientSampleId :
MW-38

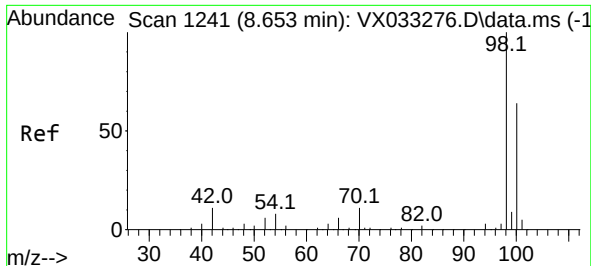
Tgt Ion:113 Resp: 47653
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.3 15.4 23.2



#40
Benzene
Concen: 0.899 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 78 Resp: 5164
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.4

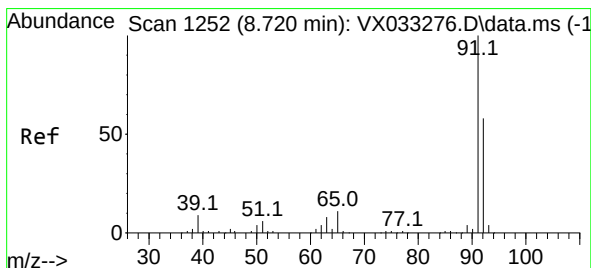
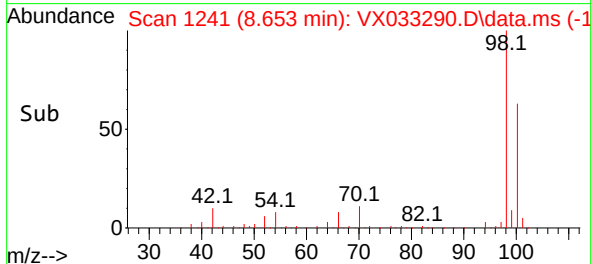
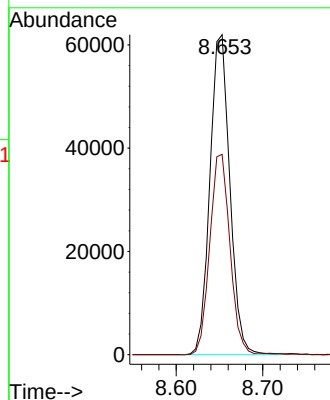
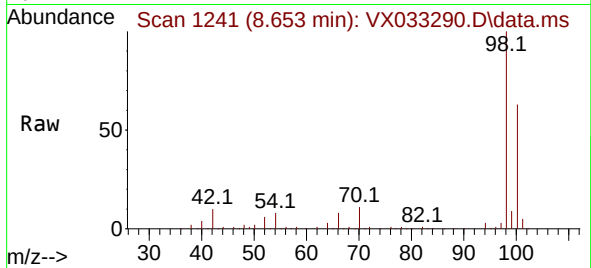




#50
Toluene-d8
Concen: 46.879 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

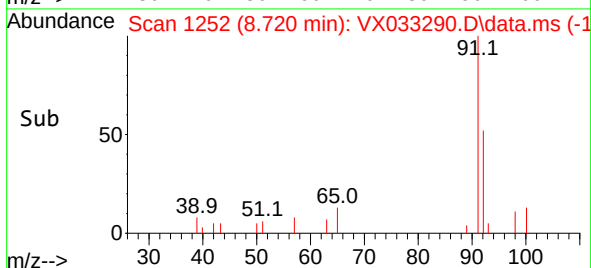
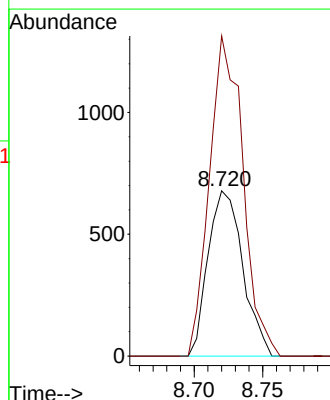
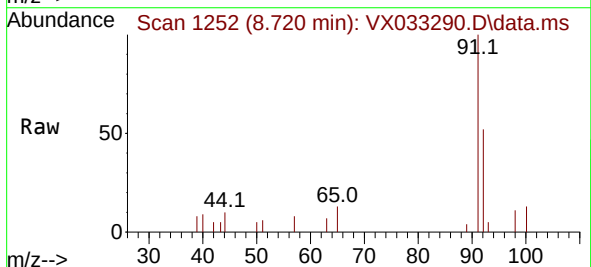
Instrument :
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MW-38

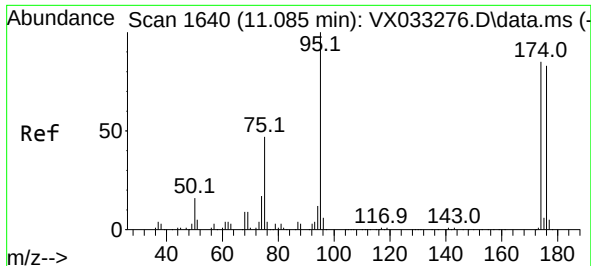
Tgt Ion: 98 Resp: 99130
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#52
Toluene
Concen: 0.322 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 92 Resp: 1195
Ion Ratio Lower Upper
92 100
91 186.8 138.3 207.5

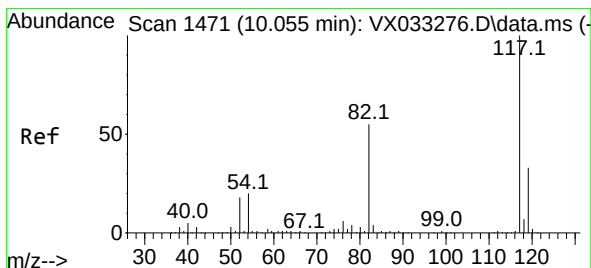
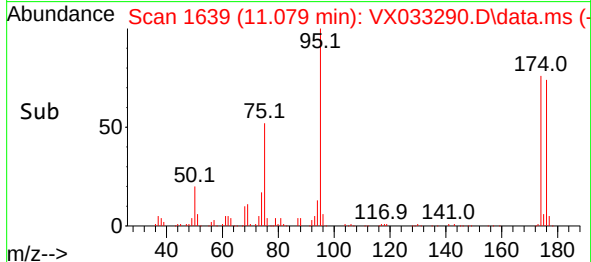
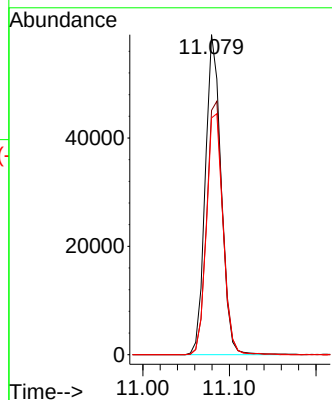
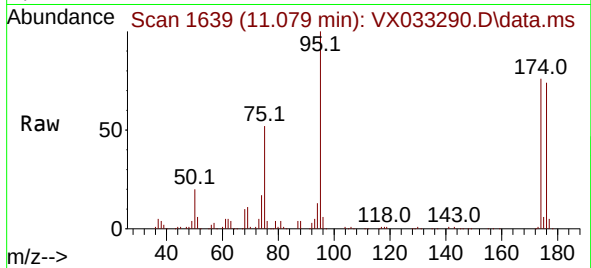




#62
4-Bromofluorobenzene
Concen: 46.249 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

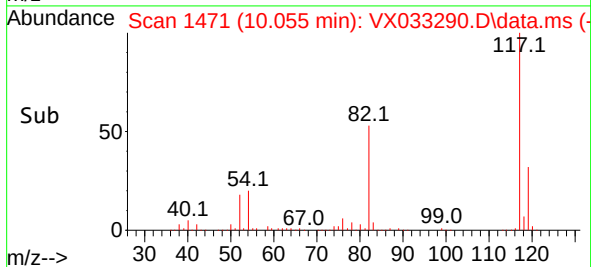
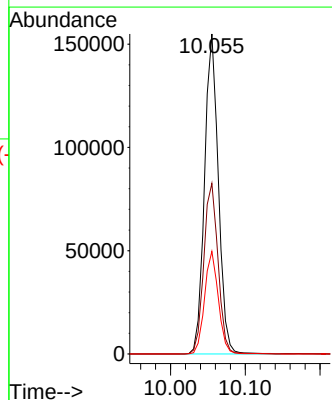
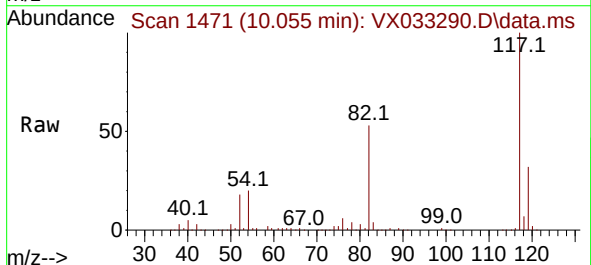
Instrument :
MSVOA_X
ClientSampleId :
MW-38

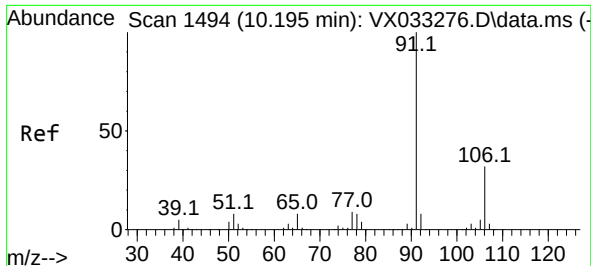
Tgt Ion: 95 Resp: 74778
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 117 Resp: 199016
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.0 25.7 38.5

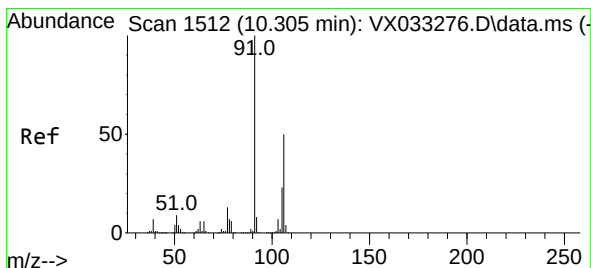
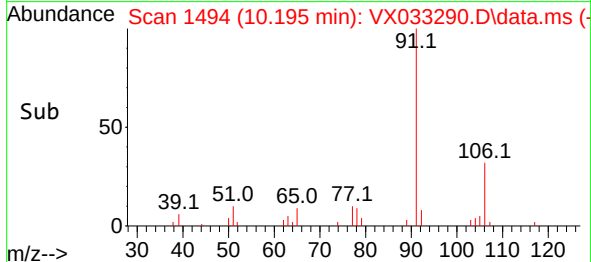
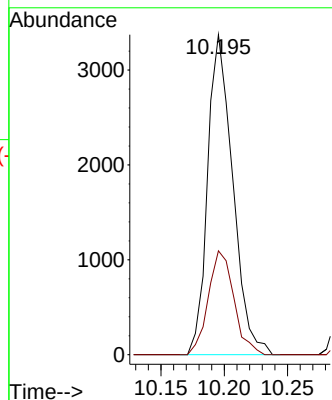
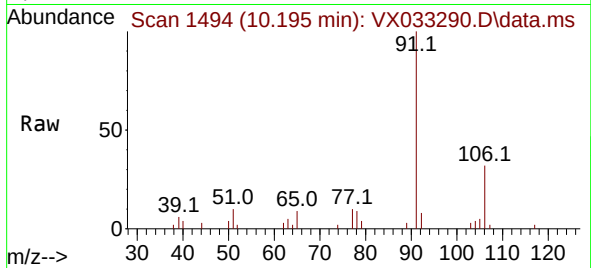




#67
Ethyl Benzene
Concen: 0.664 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

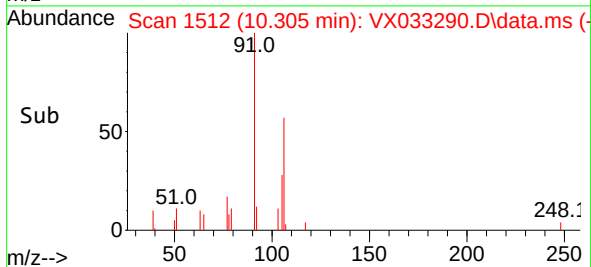
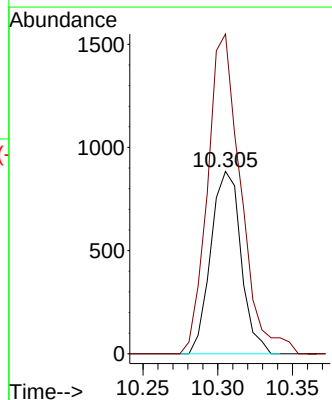
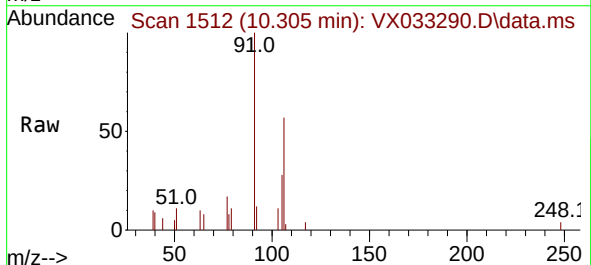
Instrument :
MSVOA_X
ClientSampleId :
MW-38

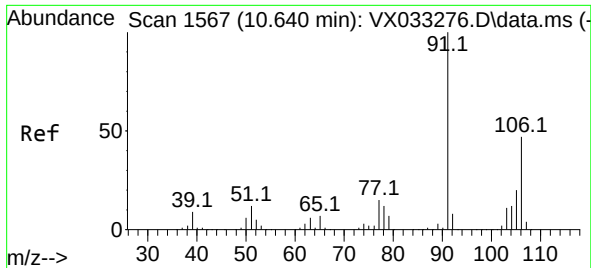
Tgt Ion: 91 Resp: 4662
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6



#68
m/p-Xylenes
Concen: 0.455 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 106 Resp: 1242
Ion Ratio Lower Upper
106 100
91 192.7 164.5 246.7

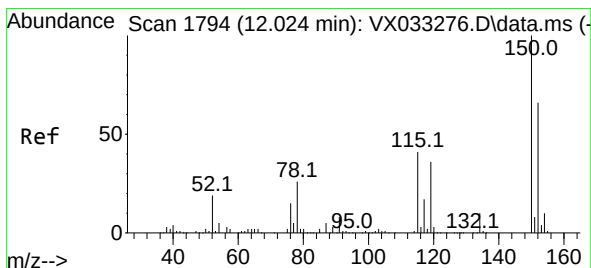
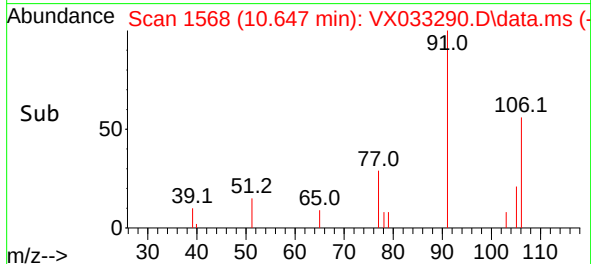
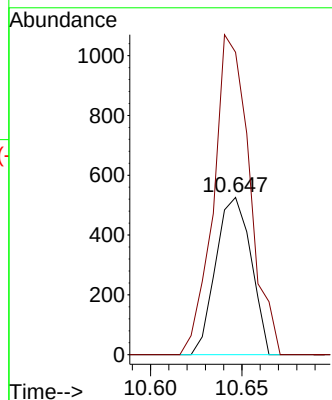
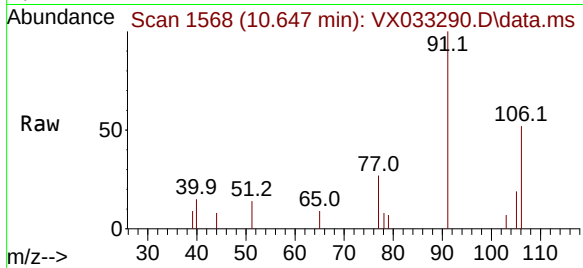




#69
o-Xylene
Concen: 0.262 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

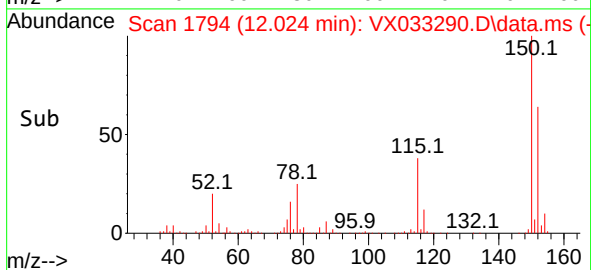
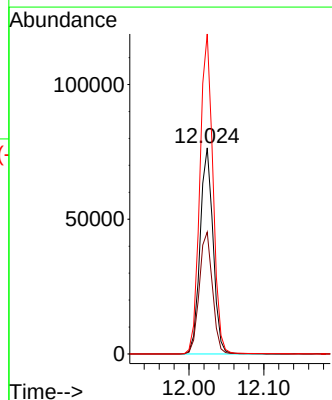
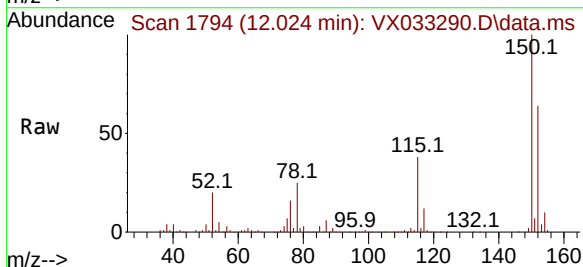
Instrument :
MSVOA_X
ClientSampleId :
MW-38

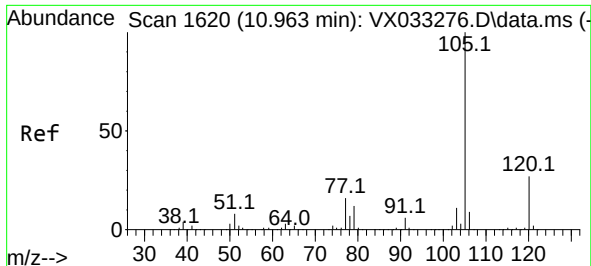
Tgt Ion:106 Resp: 707
Ion Ratio Lower Upper
106 100
91 207.8 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion:152 Resp: 92132
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 156.4 0.0 351.8

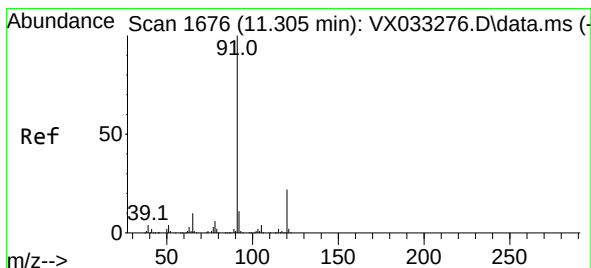
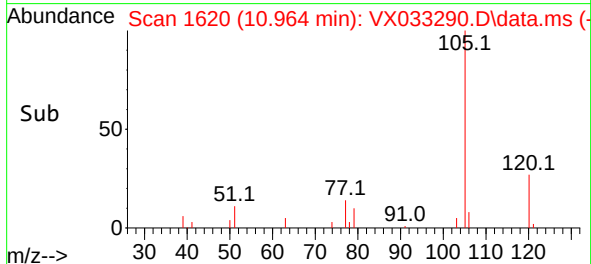
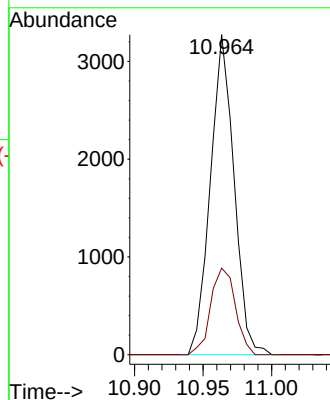
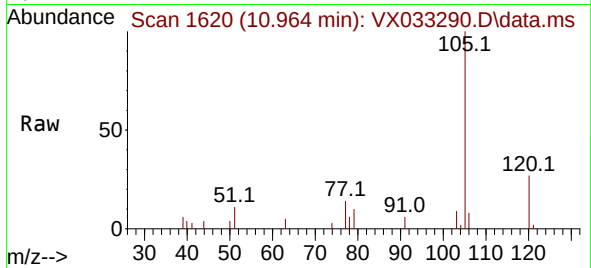




#73
Isopropylbenzene
Concen: 0.589 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

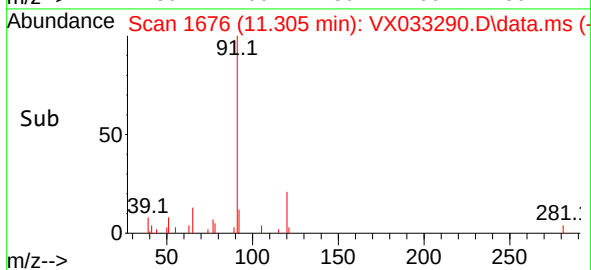
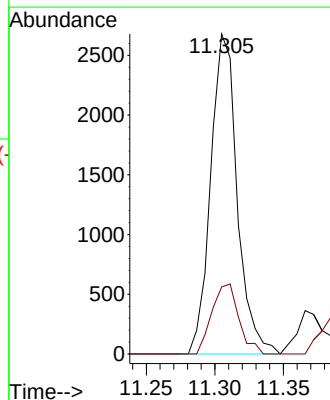
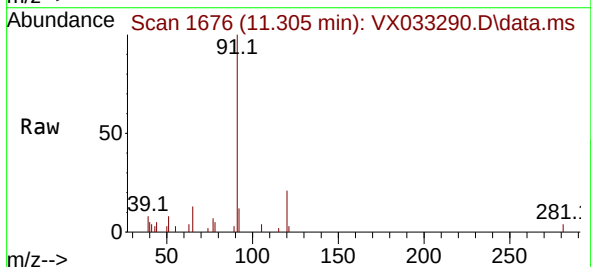
Instrument :
MSVOA_X
ClientSampleId :
MW-38

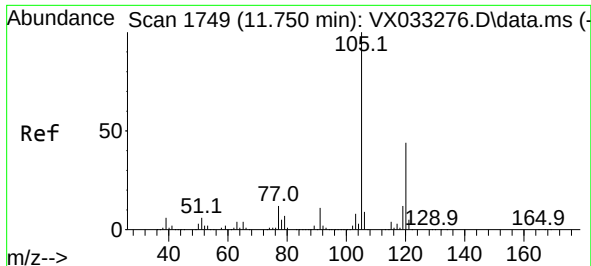
Tgt Ion:105 Resp: 3930
Ion Ratio Lower Upper
105 100
120 28.2 13.1 39.3



#78
n-propylbenzene
Concen: 0.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033290.D
Acq: 07 Dec 2022 18:46

Tgt Ion: 91 Resp: 3603
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

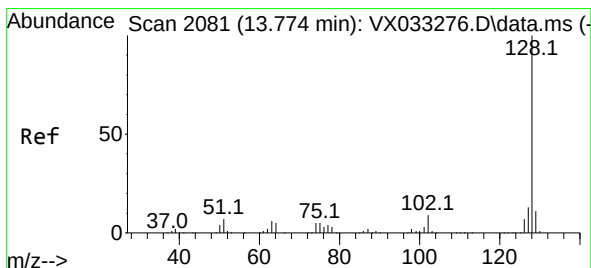
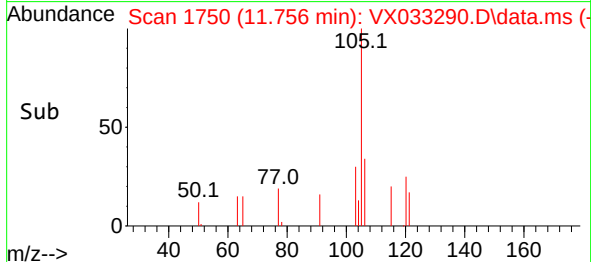
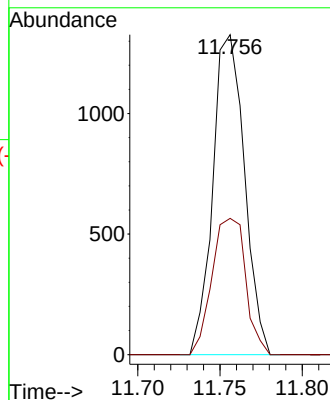
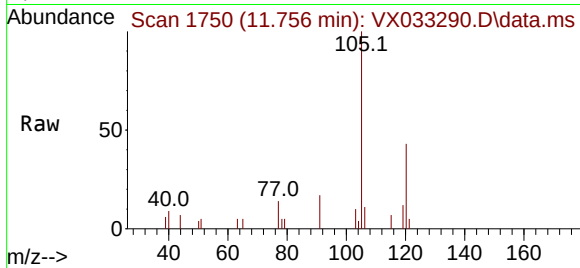




#84
 1,2,4-Trimethylbenzene
 Concen: 0.320 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.007 min
 Lab File: VX033290.D
 Acq: 07 Dec 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38

Tgt Ion:105 Resp: 1775
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.9 65.5



#95
 Naphthalene
 Concen: 2.215 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.007 min
 Lab File: VX033290.D
 Acq: 07 Dec 2022 18:46

Tgt Ion:128 Resp: 13629
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.2 15.4
 129 11.0 8.9 13.3

