

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033350.D
 Acq On : 09 Dec 2022 16:13
 Operator : JC/MD
 Sample : N5906-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23R

Quant Time: Dec 10 05:56:50 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)

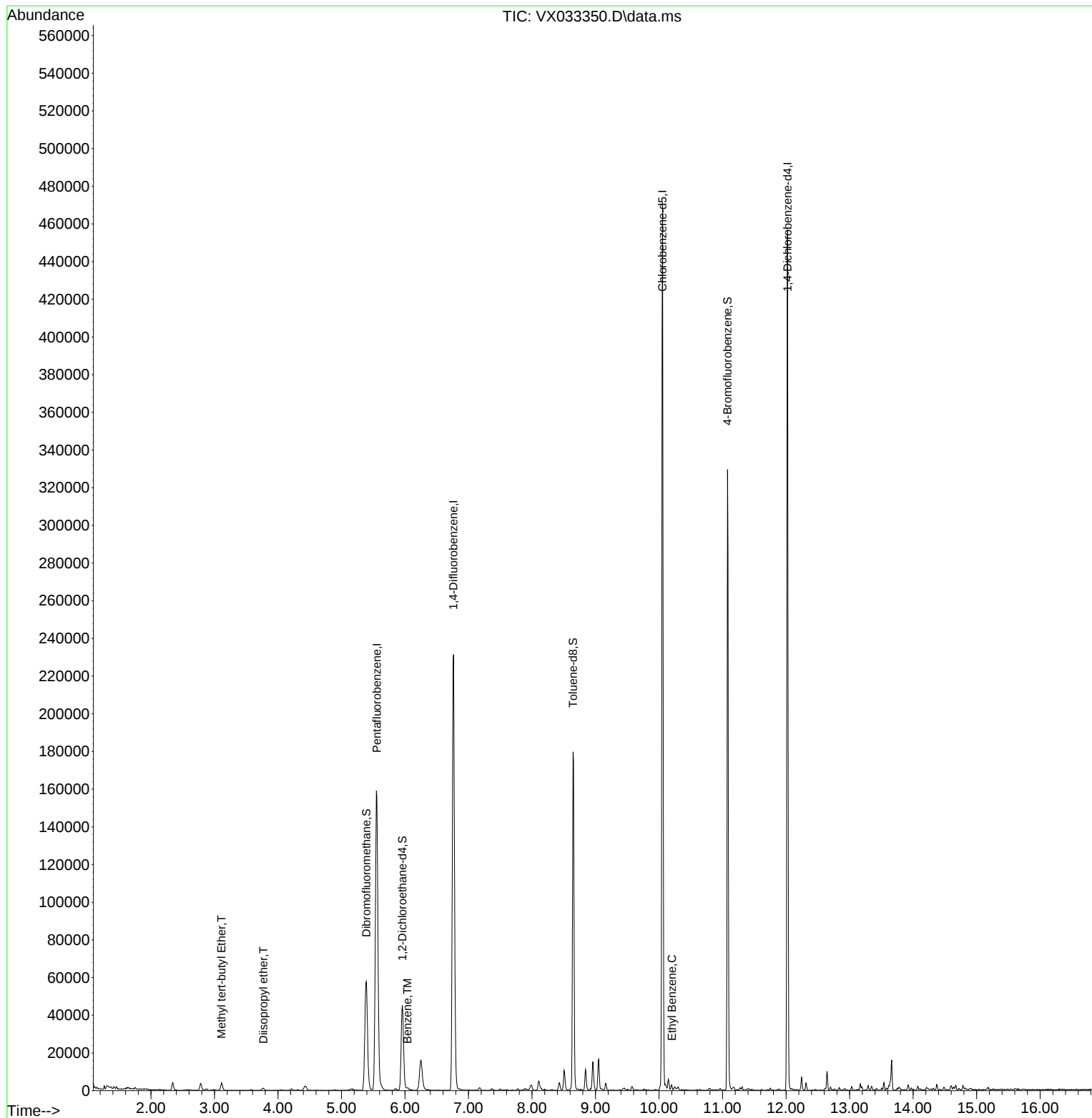
Internal Standards						
1) Pentafluorobenzene	5.556	168	152564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45978	46.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.391	113	52025	47.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	110080	48.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	85909	49.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	4049	0.845	ug/l	91
22) Diisopropyl ether	3.770	45	1225	0.259	ug/l #	70
40) Benzene	6.038	78	1665	0.268	ug/l	95
67) Ethyl Benzene	10.201	91	2080	0.275	ug/l	96

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

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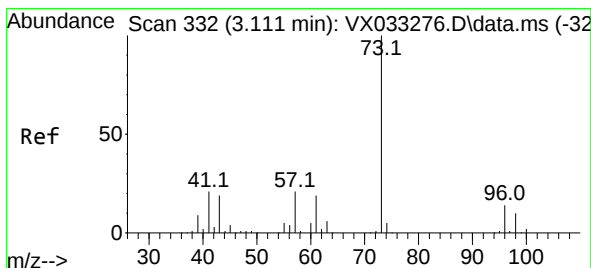
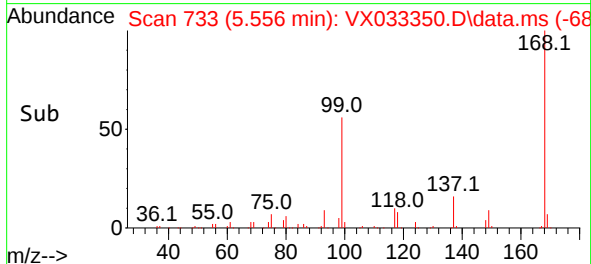
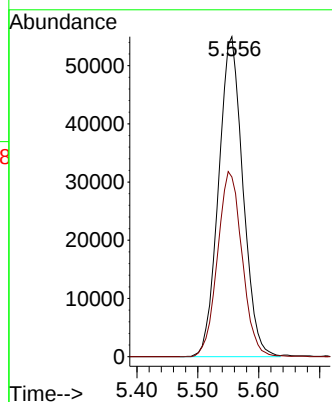
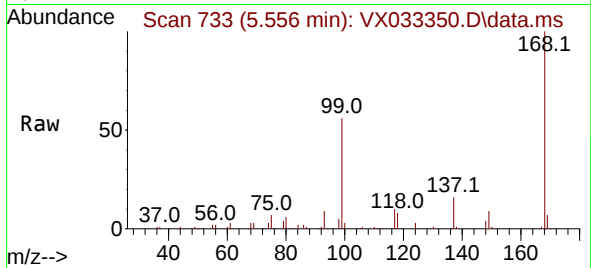




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

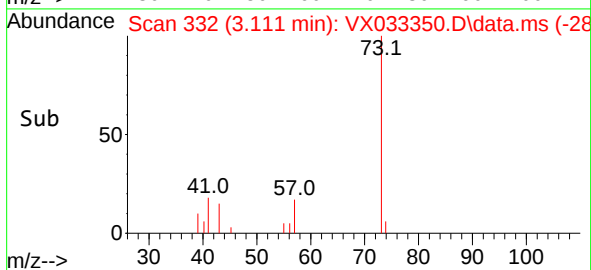
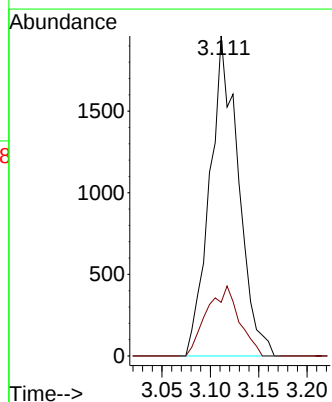
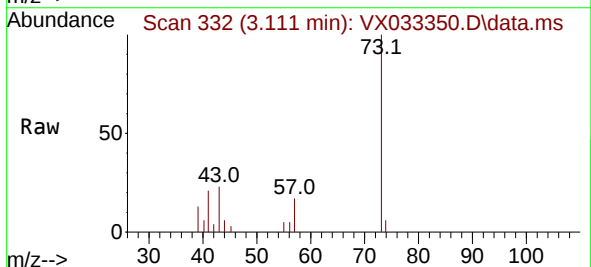
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

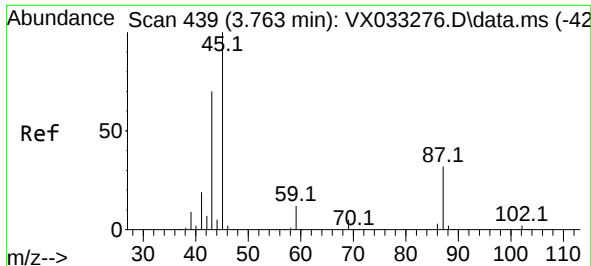
Tgt Ion:168 Resp: 152564
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.845 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 73 Resp: 4049
Ion Ratio Lower Upper
73 100
57 16.7 16.6 25.0

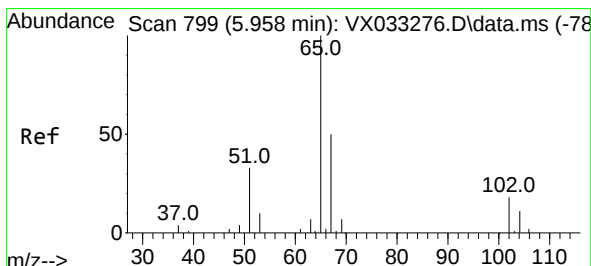
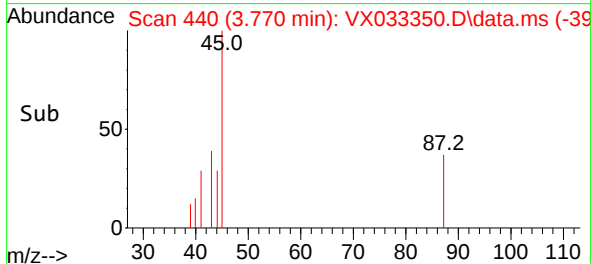
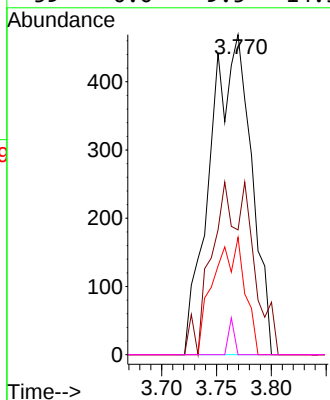
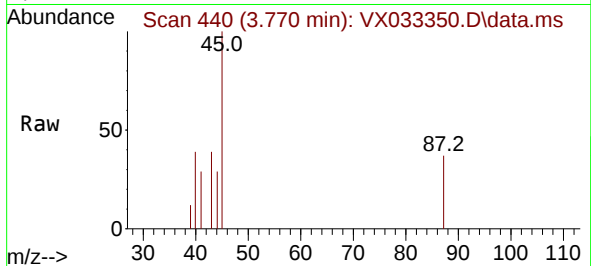




#22
Diisopropyl ether
Concen: 0.259 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

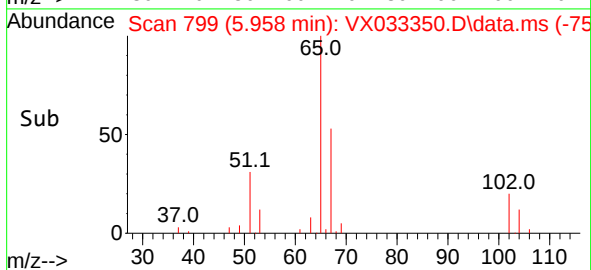
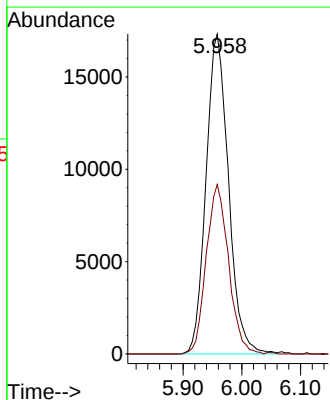
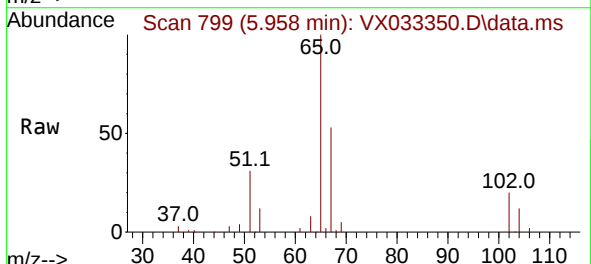
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

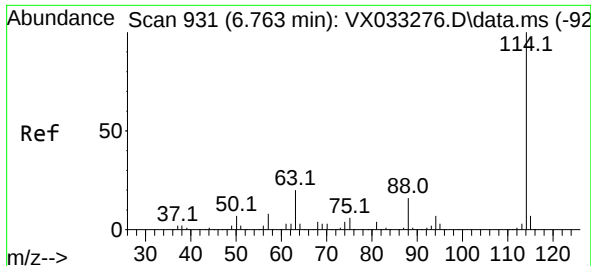
Tgt Ion:	45	Resp:	1225
Ion	Ratio	Lower	Upper
45	100		
43	39.0	56.4	84.6#
87	36.7	24.4	36.6#
59	0.0	9.5	14.3#



#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion:	65	Resp:	45978
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	101.8

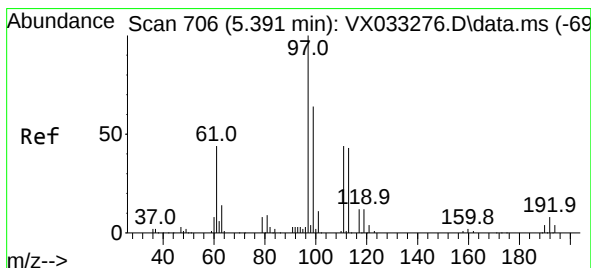
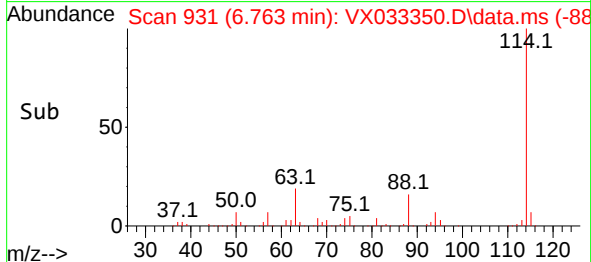
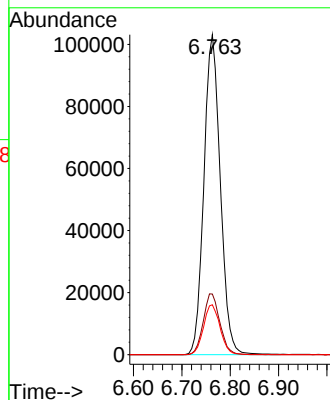
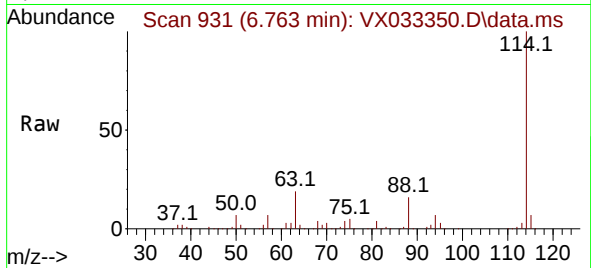




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

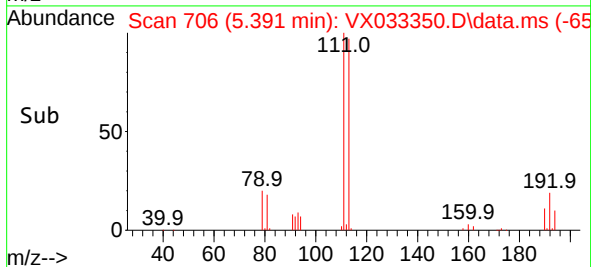
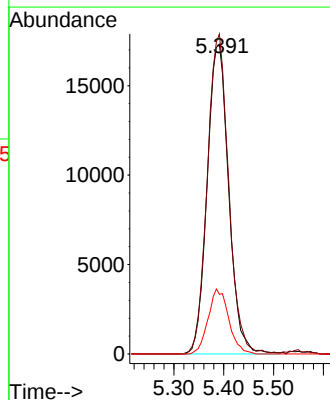
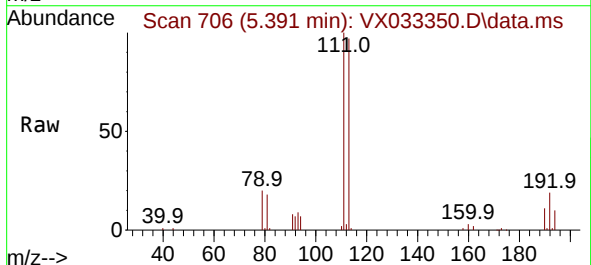
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

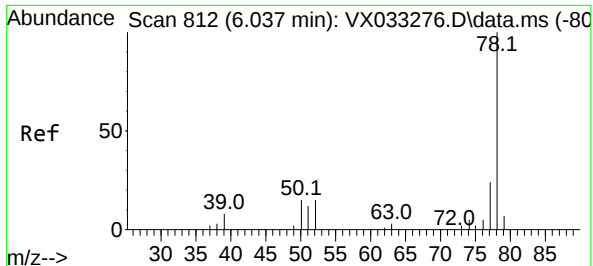
Tgt Ion:114 Resp: 243293
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.542 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion:113 Resp: 52025
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 20.0 15.4 23.2

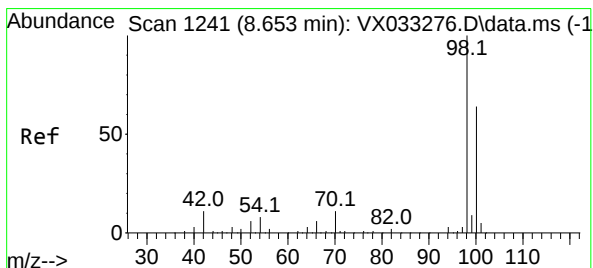
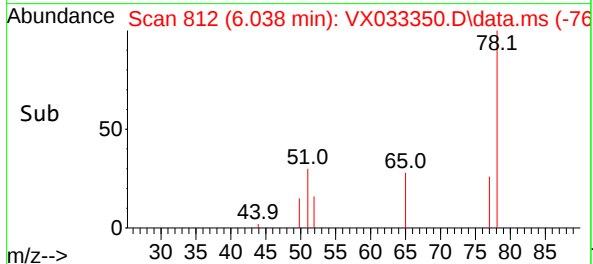
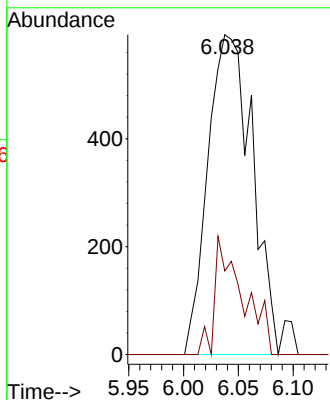
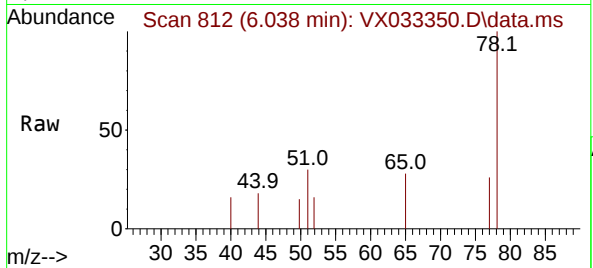




#40
Benzene
Concen: 0.268 ug/l
RT: 6.038 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

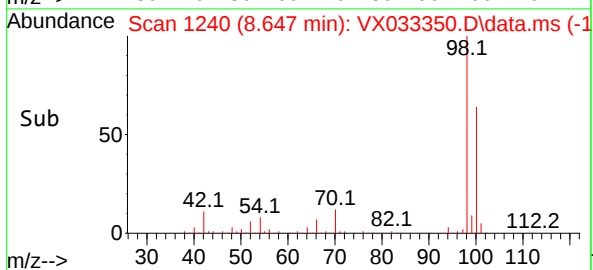
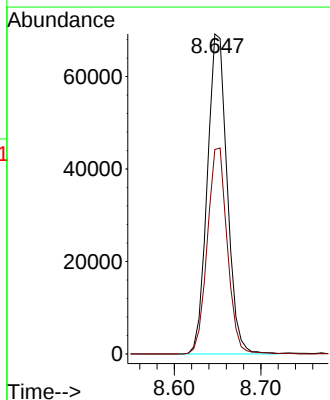
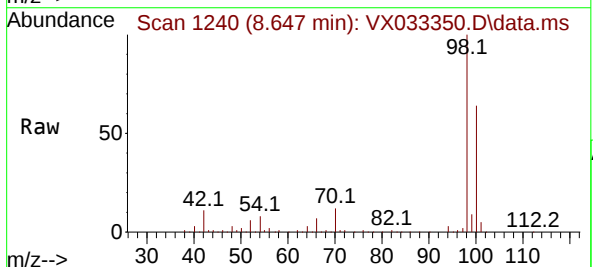
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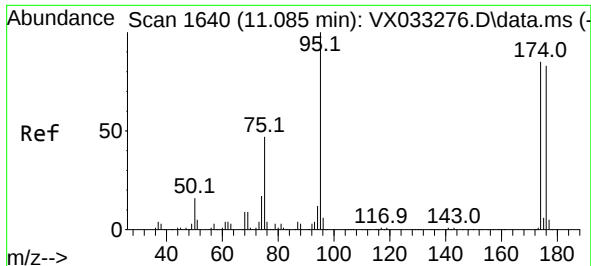
Tgt Ion: 78 Resp: 1665
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.4



#50
Toluene-d8
Concen: 48.087 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 98 Resp: 110080
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

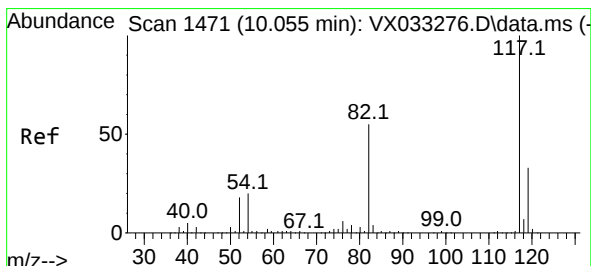
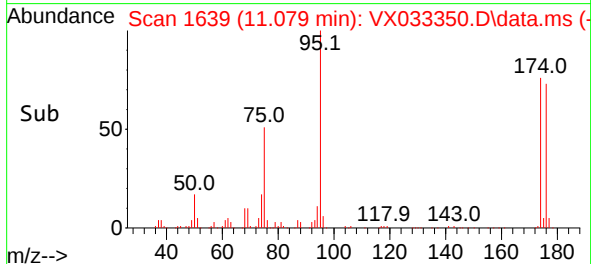
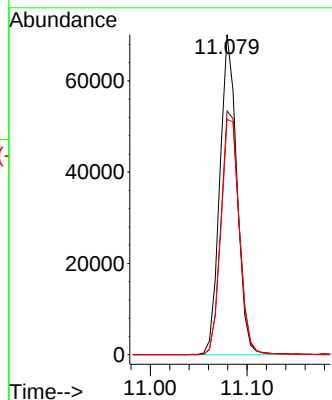
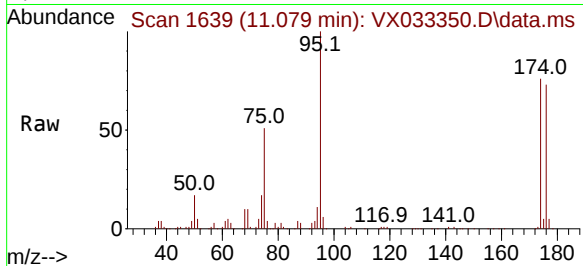




#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

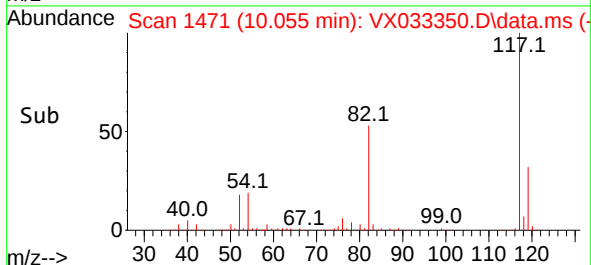
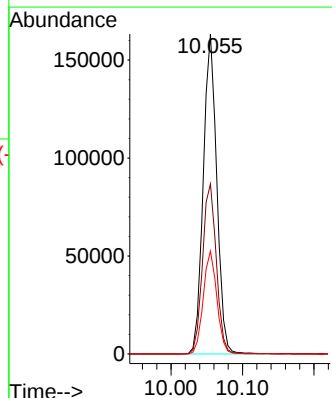
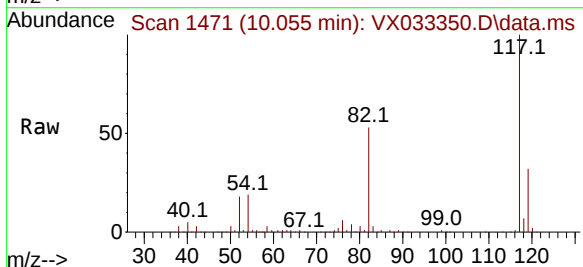
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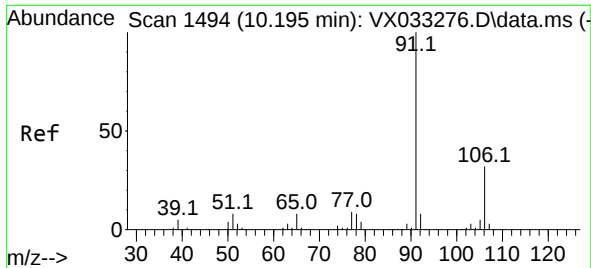
Tgt Ion: 95 Resp: 85909
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 117 Resp: 214435
Ion Ratio Lower Upper
117 100
82 53.1 44.3 66.5
119 32.1 25.7 38.5

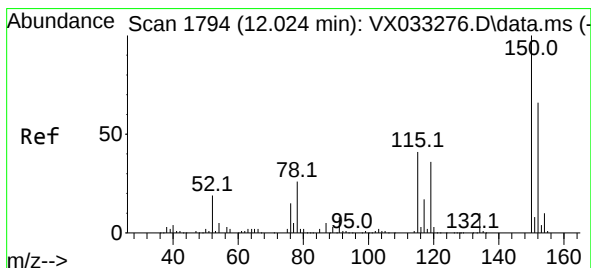
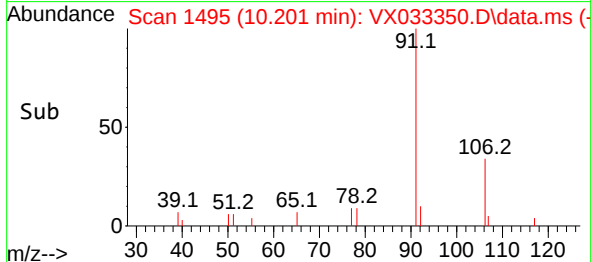
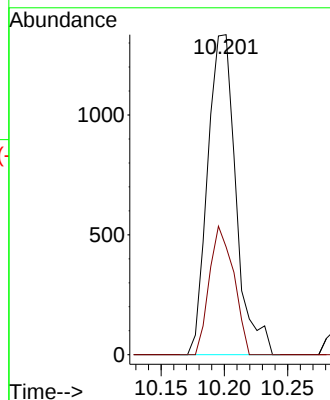
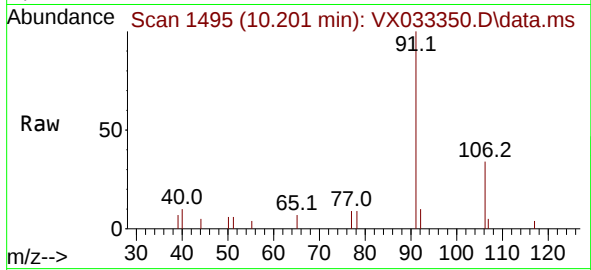




#67
Ethyl Benzene
Concen: 0.275 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Instrument :
MSVOA_X
ClientSampleId :
MW-23R

Tgt Ion: 91 Resp: 2080
Ion Ratio Lower Upper
91 100
106 33.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033350.D
Acq: 09 Dec 2022 16:13

Tgt Ion: 152 Resp: 97965
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.2 0.0 351.8

