

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)

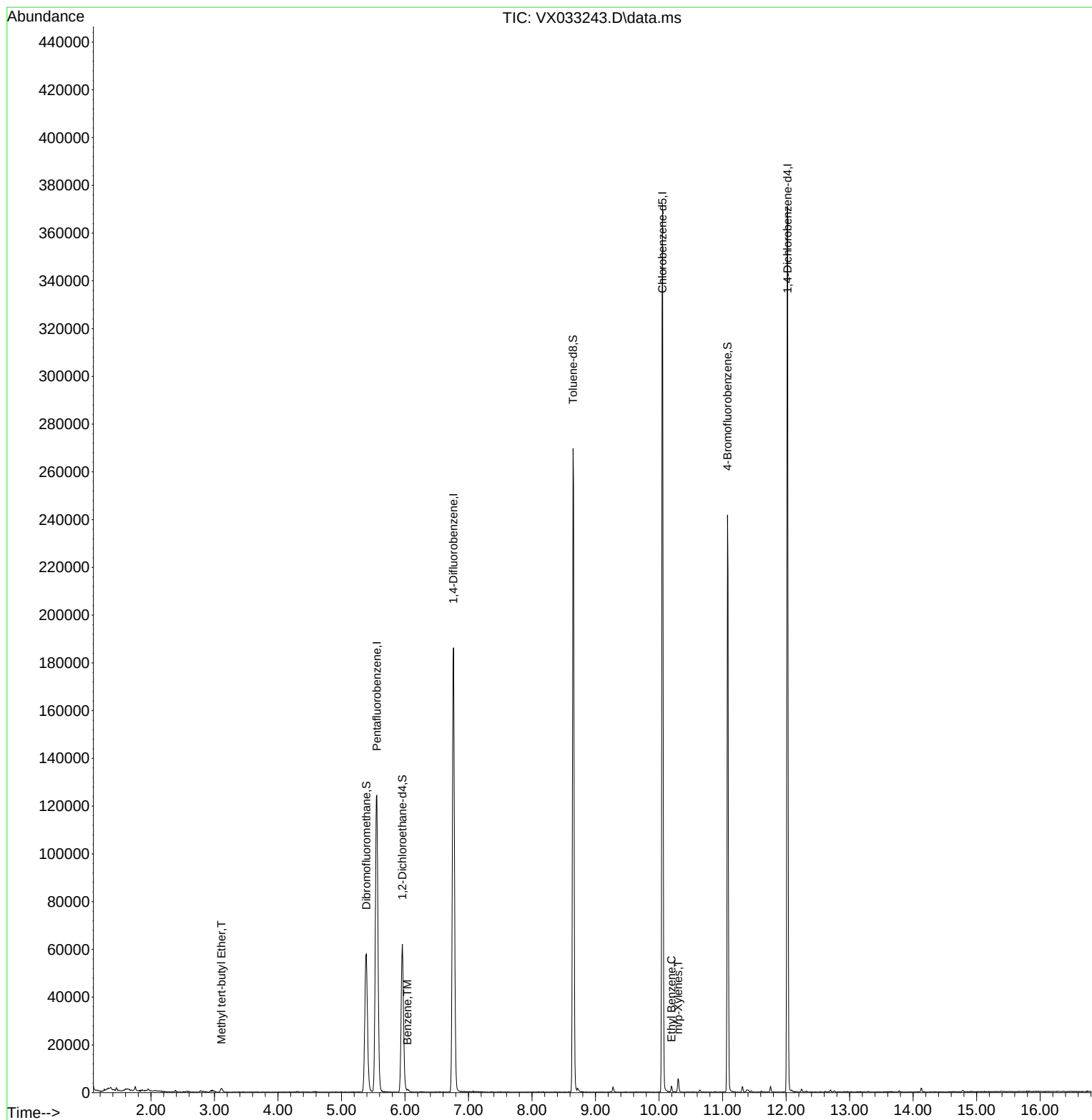
Internal Standards						
1) Pentafluorobenzene	5.556	168	121167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
19) Methyl tert-butyl Ether	3.111	73	1253	0.342	ug/l #	55
40) Benzene	6.038	78	1351	0.279	ug/l #	89
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

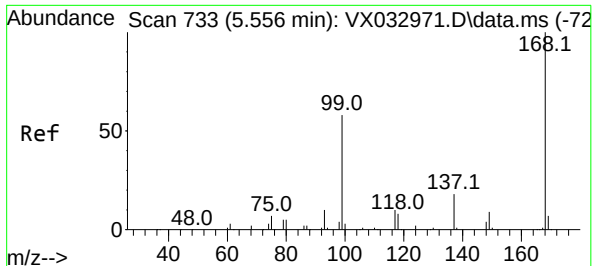
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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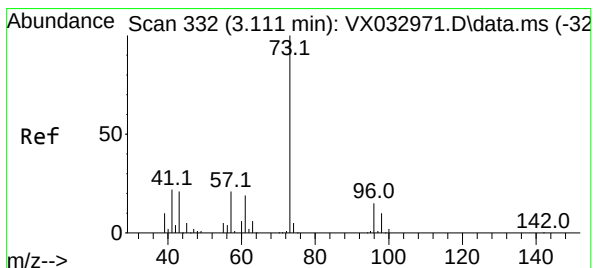
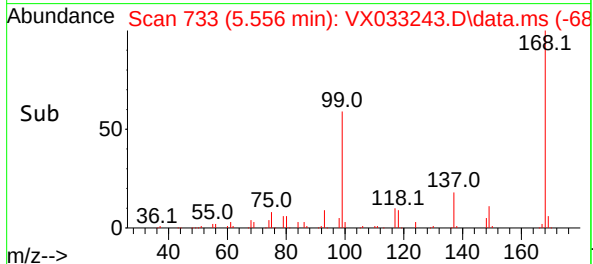
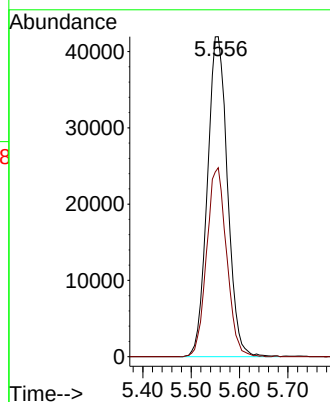
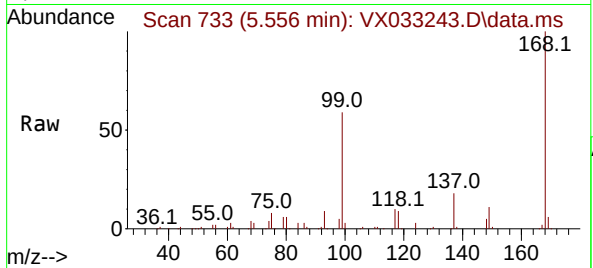




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

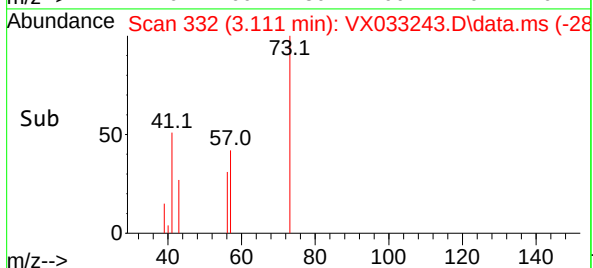
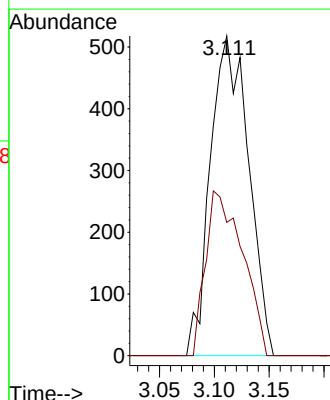
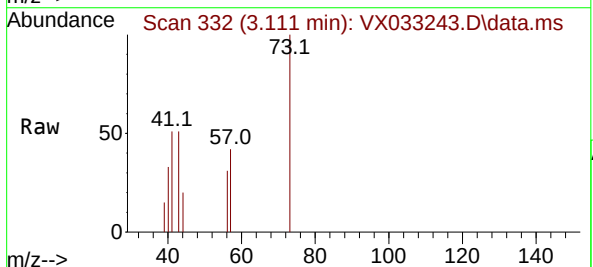
Instrument :
MSVOA_X
ClientSampleId :
MW-43

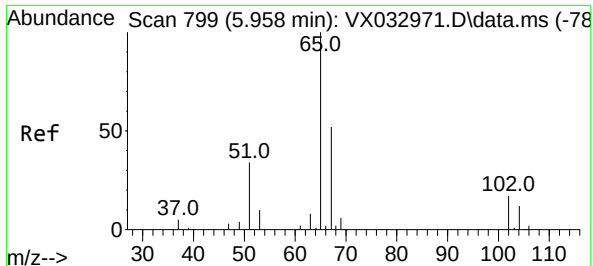
Tgt Ion:168 Resp: 121167
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.342 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

Tgt Ion: 73 Resp: 1253
Ion Ratio Lower Upper
73 100
57 41.7 16.6 25.0#





#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

Instrument :

MSVOA_X

ClientSampleId :

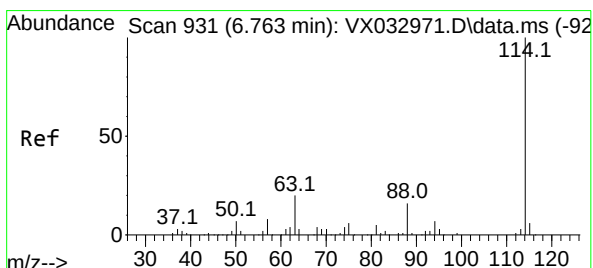
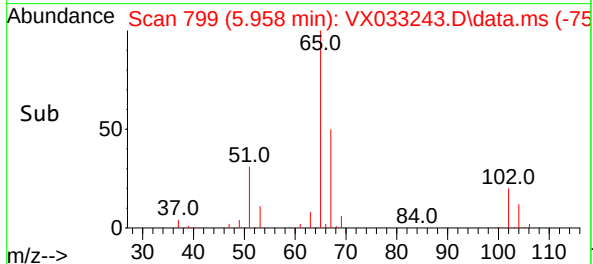
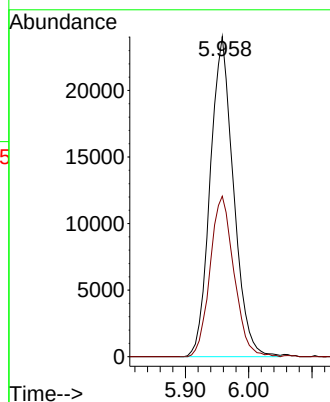
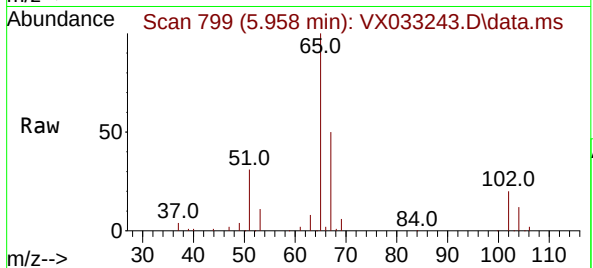
MW-43

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# 931

Delta R.T. 0.000 min

Lab File: VX033243.D

Acq: 05 Dec 2022 21:59

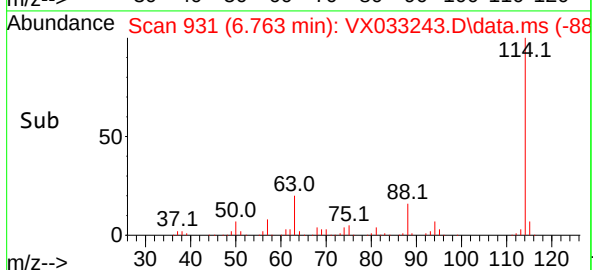
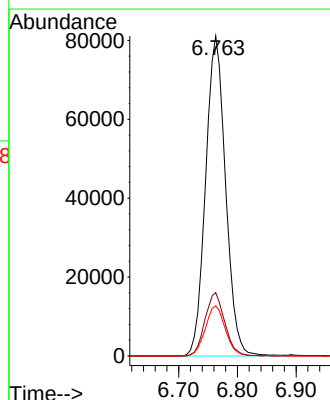
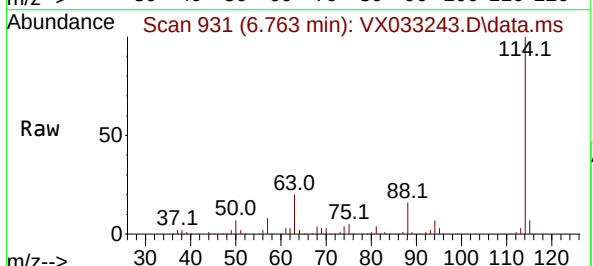
Tgt Ion: 114 Resp: 191313

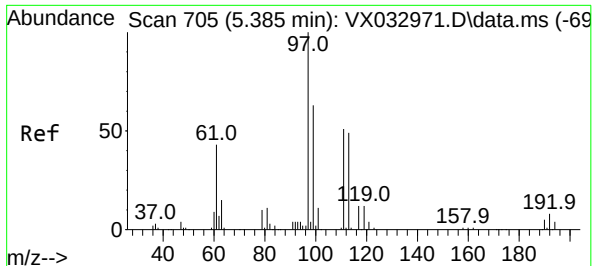
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.7 0.0 33.4

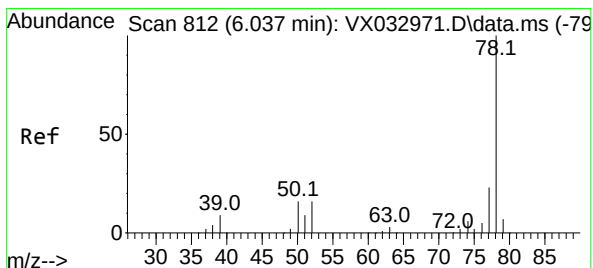
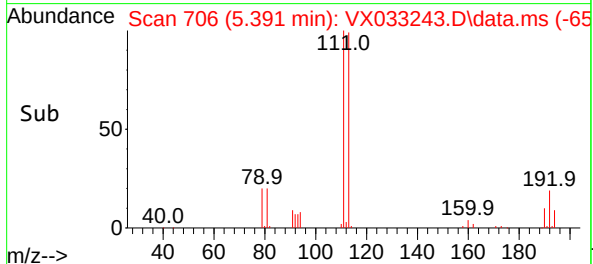
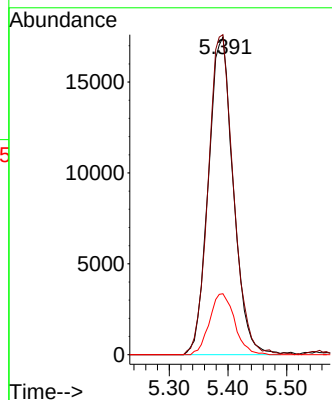
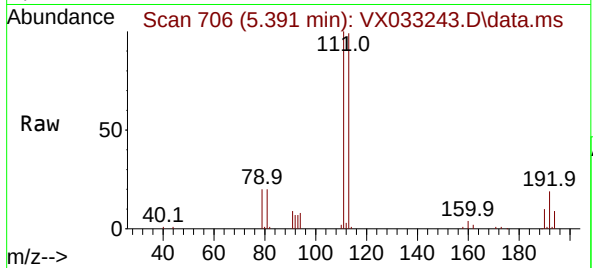




#35
Dibromofluoromethane
Concen: 47.802 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

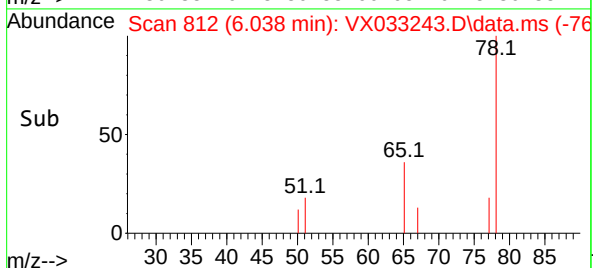
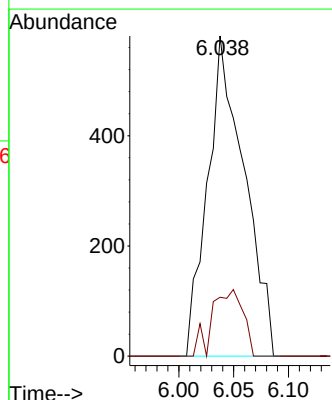
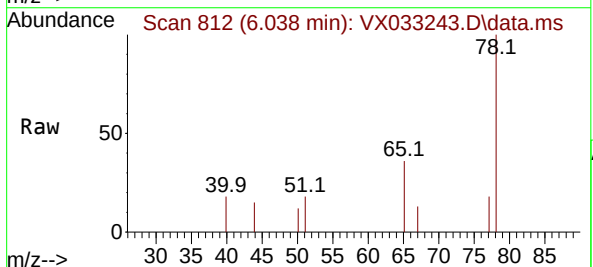
Instrument :
MSVOA_X
ClientSampleId :
MW-43

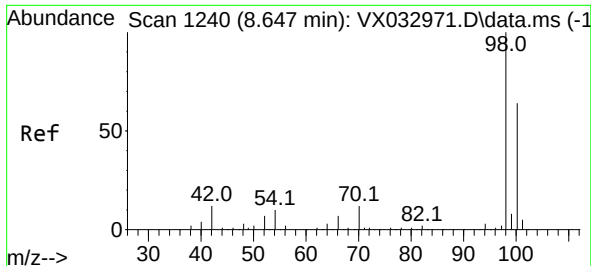
Tgt Ion:113 Resp: 51557
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.3 15.4 23.2



#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

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

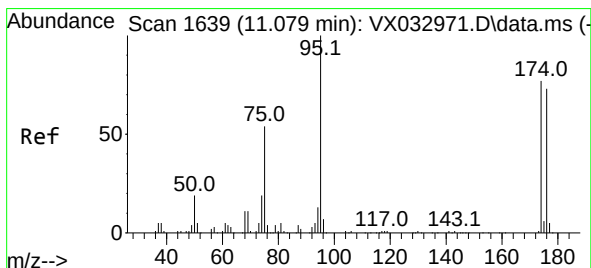
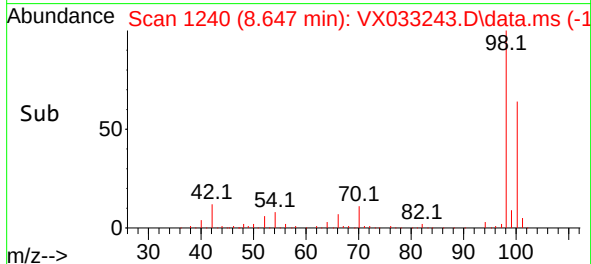
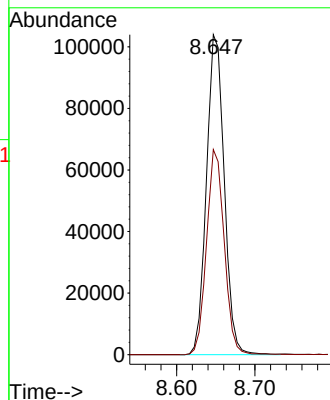
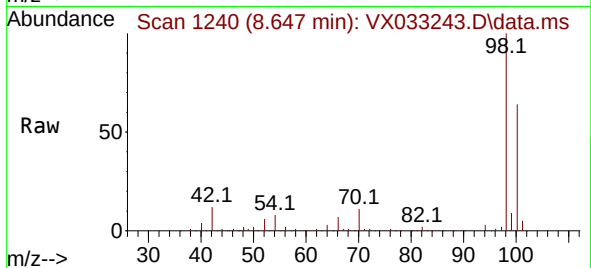




#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

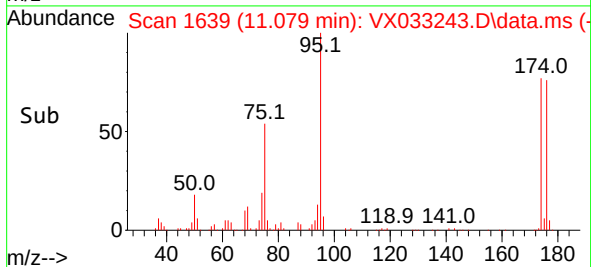
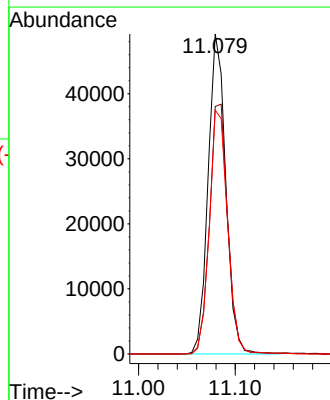
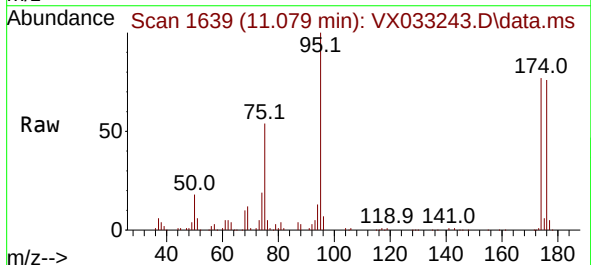
Instrument :
MSVOA_X
ClientSampleId :
MW-43

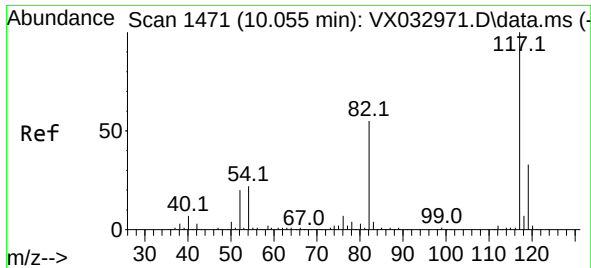
Tgt Ion: 98 Resp: 163645
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#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

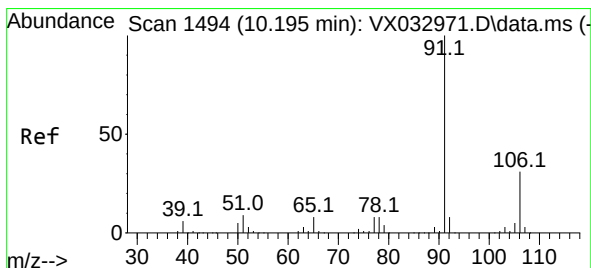
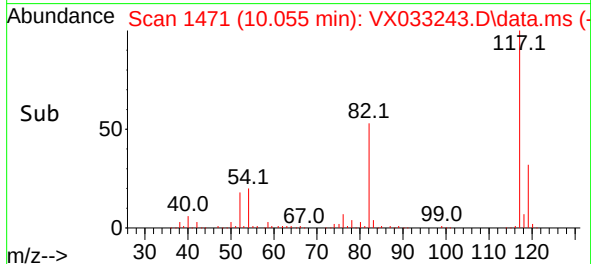
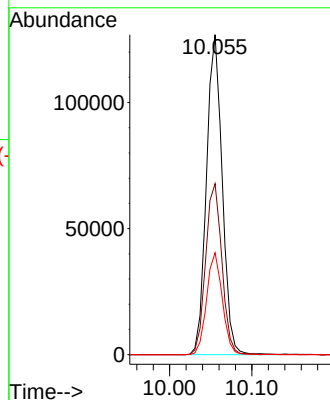
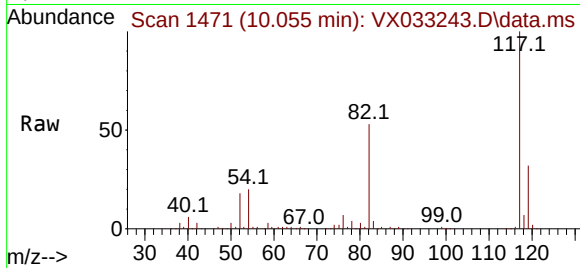




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

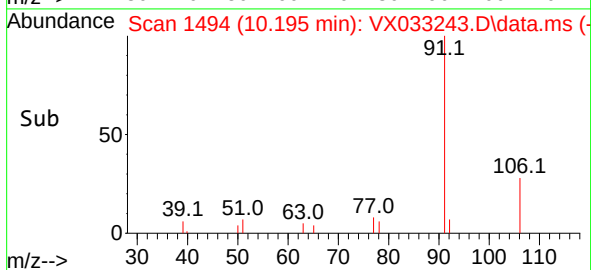
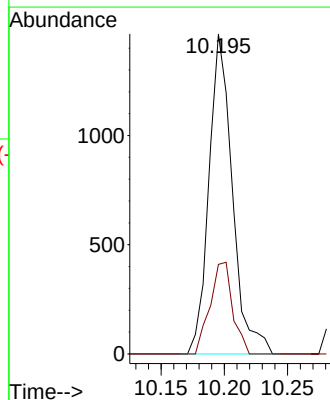
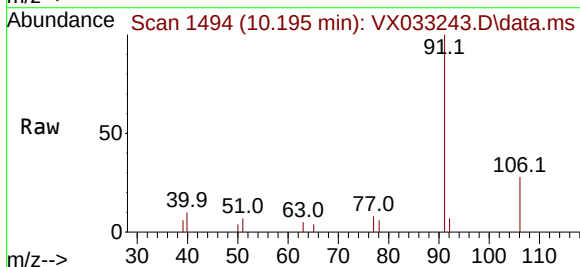
Instrument :
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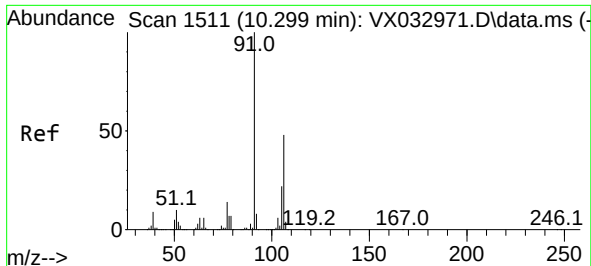
Tgt Ion:117 Resp: 169068
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.9 25.7 38.5



#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

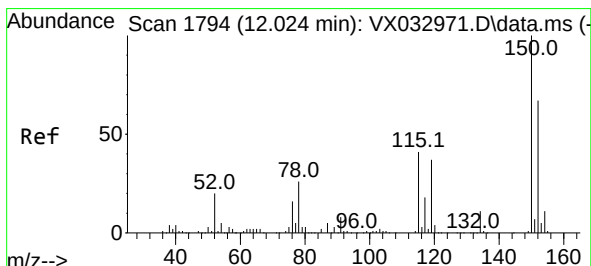
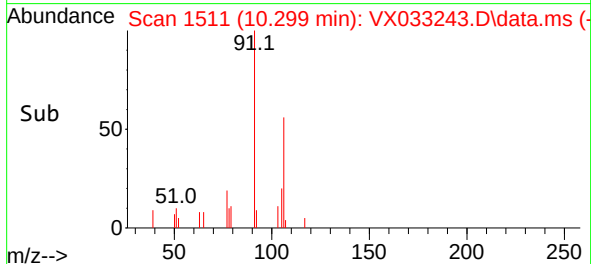
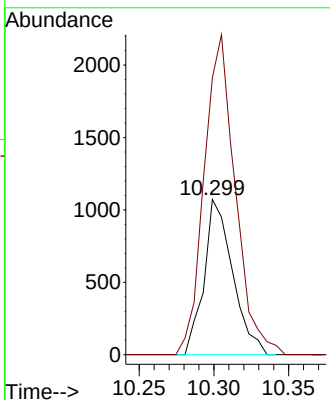
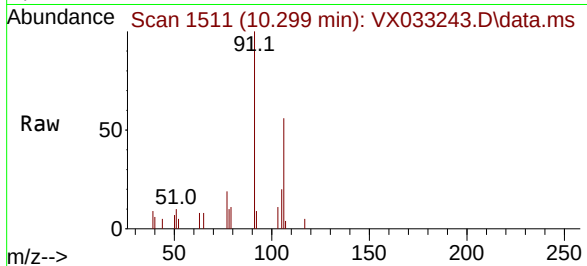




#68
m/p-Xylenes
Concen: 0.610 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033243.D
Acq: 05 Dec 2022 21:59

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

