

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031581.D
 Acq On : 22 Sep 2022 19:28
 Operator : JC/MD
 Sample : N4614-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23R

Quant Time: Sep 23 01:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

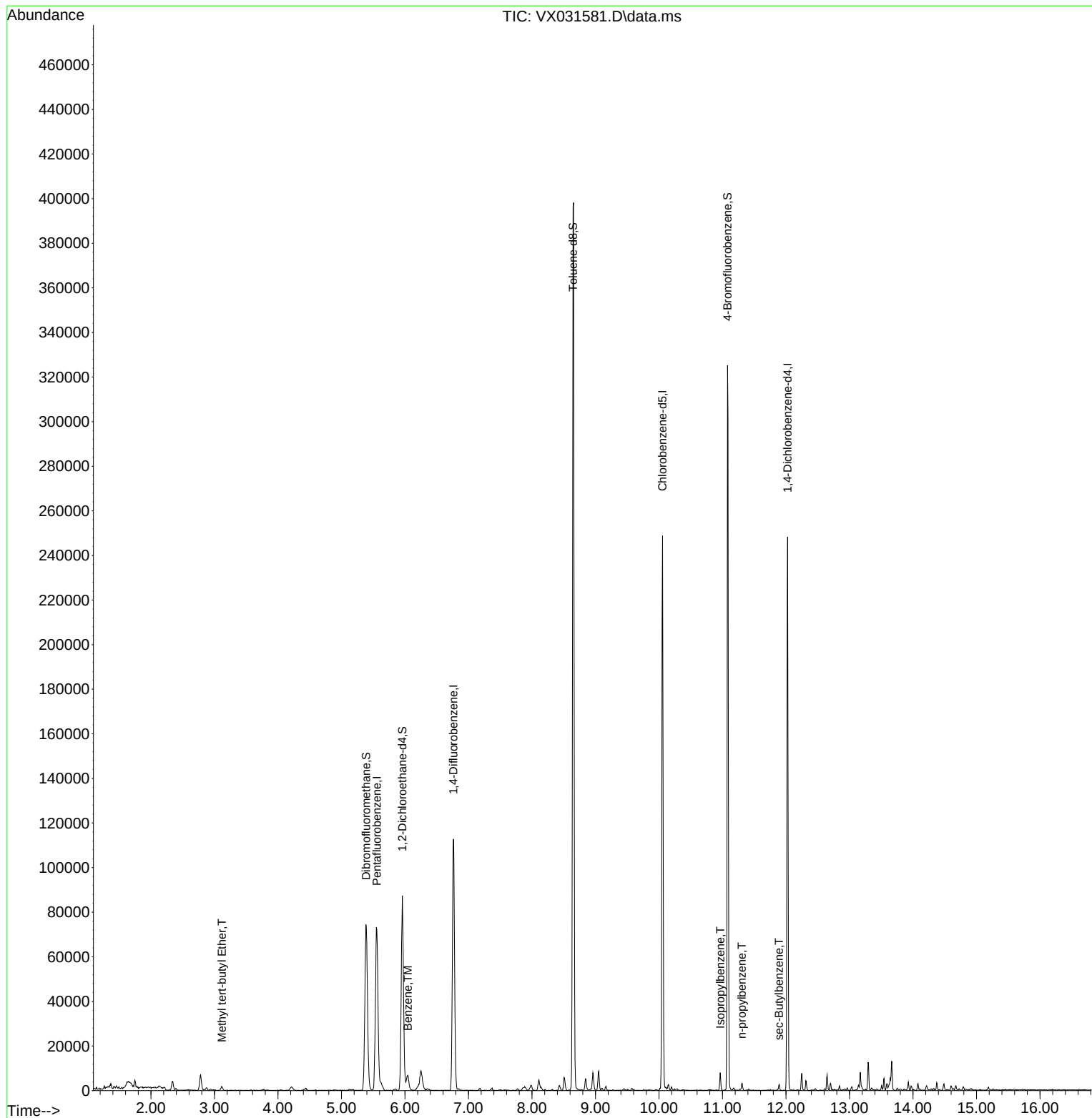
Internal Standards						
1) Pentafluorobenzene	5.556	168	71754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71397	54.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.500%
35) Dibromofluoromethane	5.385	113	61135	49.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.647	98	236865	50.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	70844	44.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.600%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	1802	0.446	ug/l #	88
40) Benzene	6.044	78	7756	1.380	ug/l	99
73) Isopropylbenzene	10.964	105	3752	1.018	ug/l	97
78) n-propylbenzene	11.305	91	2388	0.563	ug/l	92
85) sec-Butylbenzene	11.890	105	1604	0.418	ug/l	96

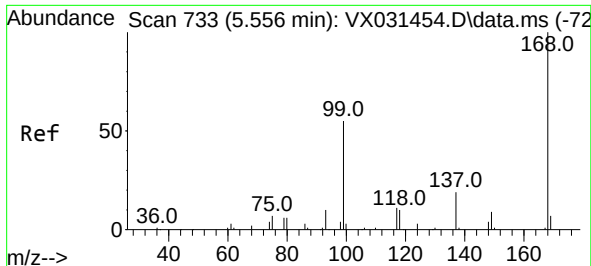
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

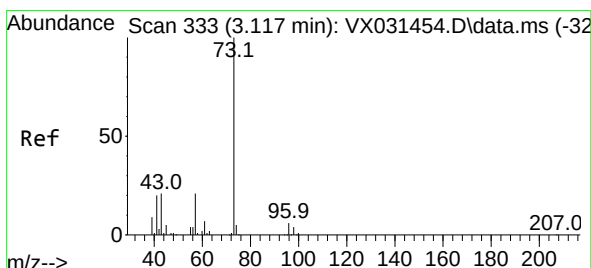
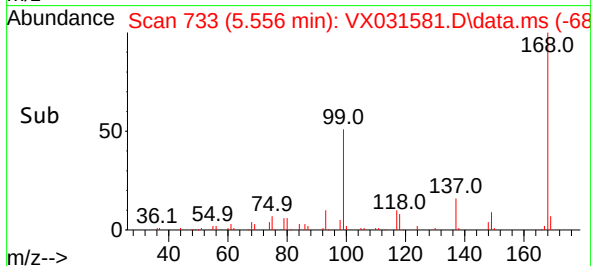
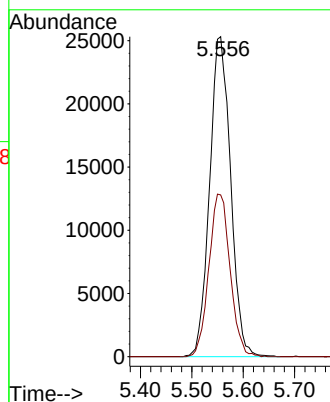
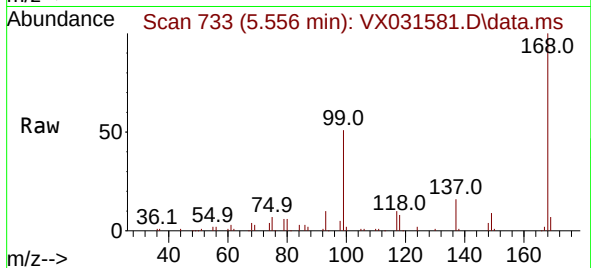




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

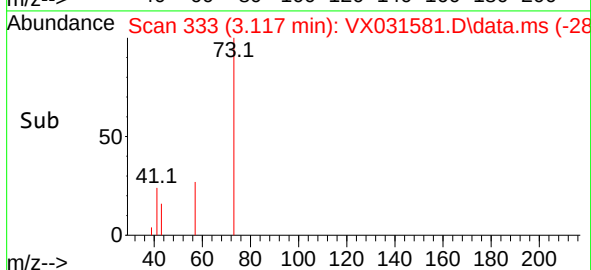
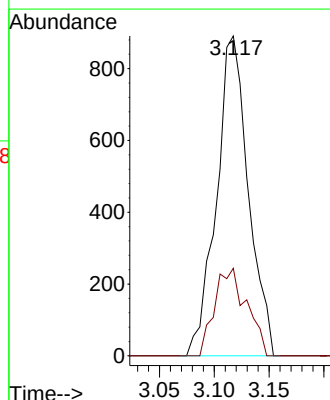
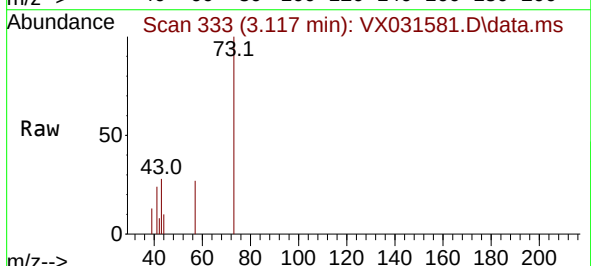
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

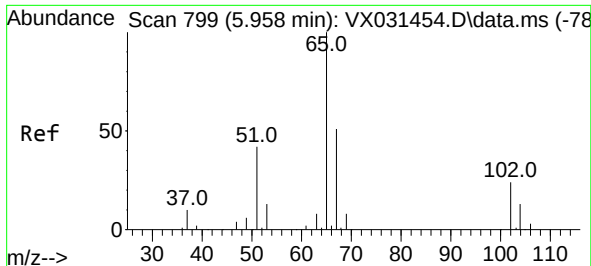
Tgt Ion:168 Resp: 71754
Ion Ratio Lower Upper
168 100
99 50.6 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.446 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

Tgt Ion: 73 Resp: 1802
Ion Ratio Lower Upper
73 100
57 27.4 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 54.247 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031581.D

Acq: 22 Sep 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

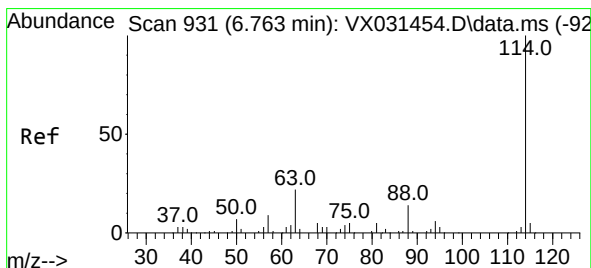
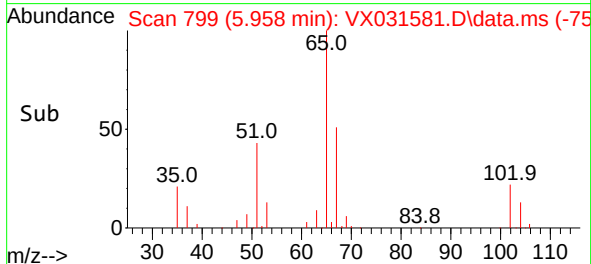
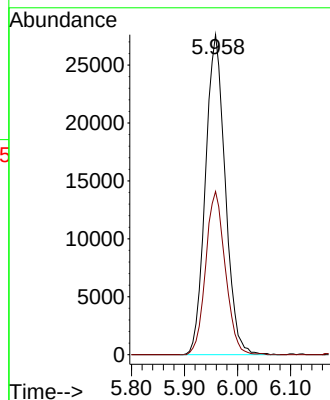
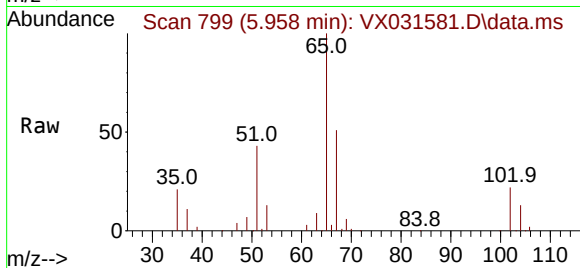
MW-23R

Tgt Ion: 65 Resp: 71397

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031581.D

Acq: 22 Sep 2022 19:28

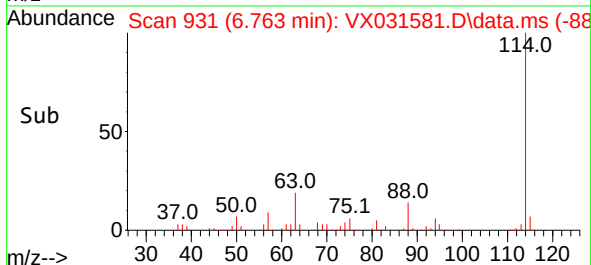
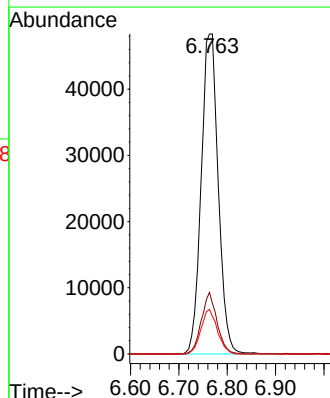
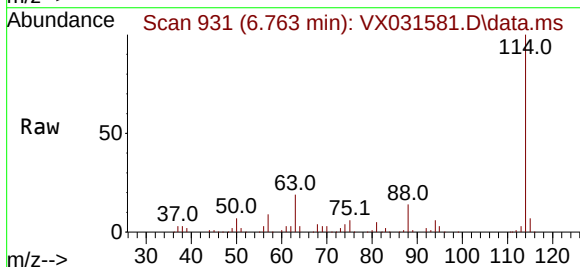
Tgt Ion: 114 Resp: 118508

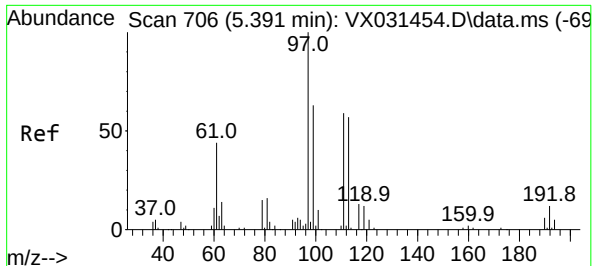
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 13.9 0.0 33.0

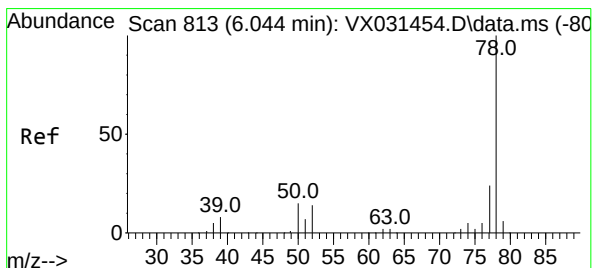
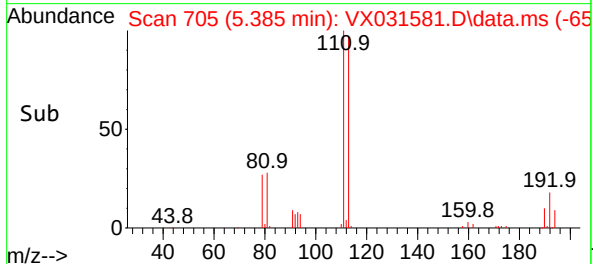
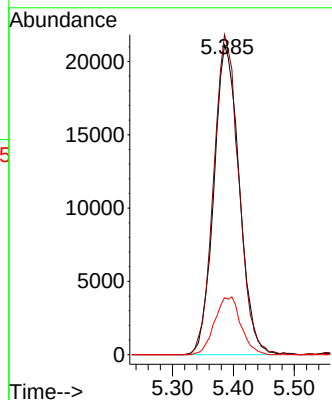
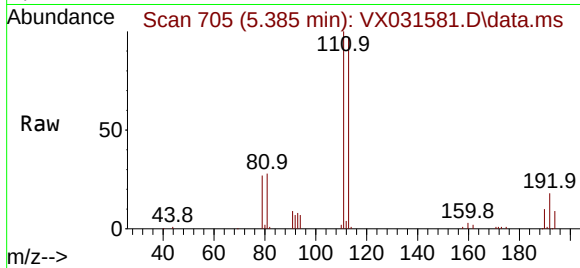




#35
Dibromofluoromethane
Concen: 49.909 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

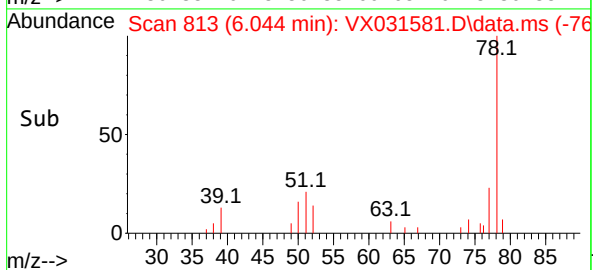
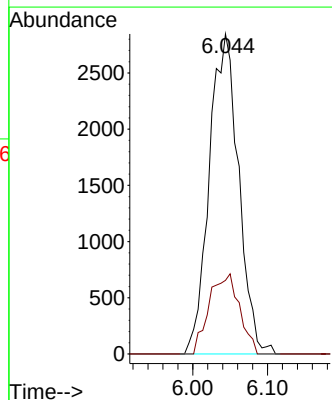
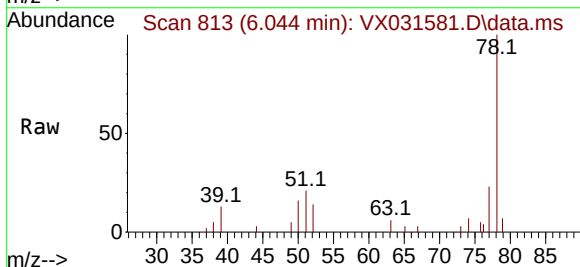
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

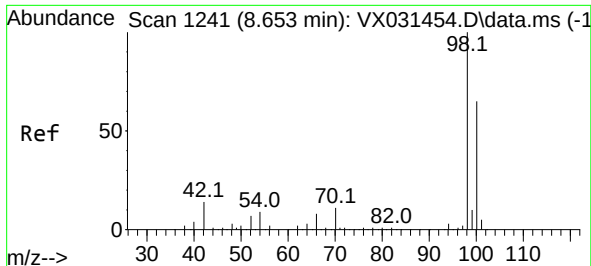
Tgt Ion:113 Resp: 61135
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.2 14.1 21.1



#40
Benzene
Concen: 1.380 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

Tgt Ion: 78 Resp: 7756
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

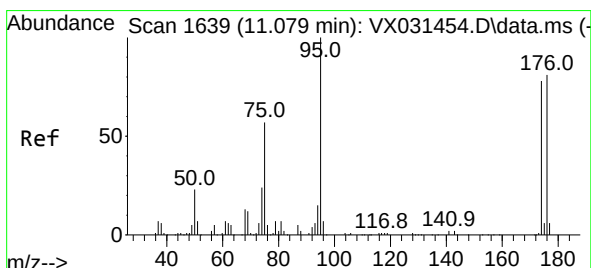
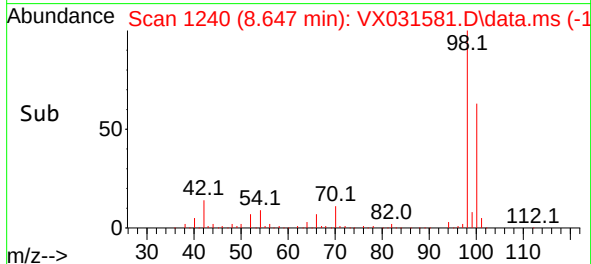
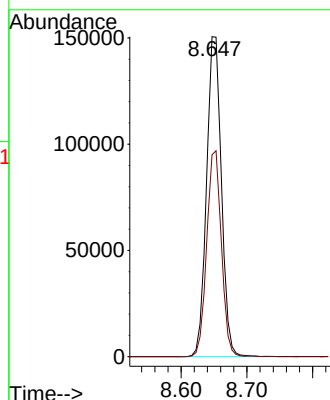
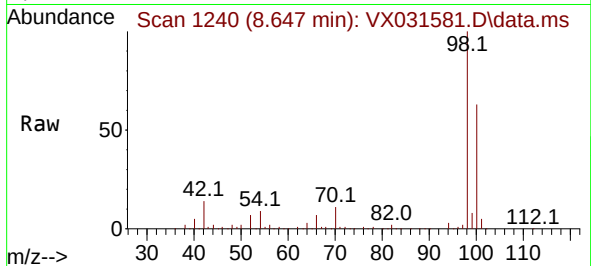




#50
Toluene-d8
Concen: 50.168 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

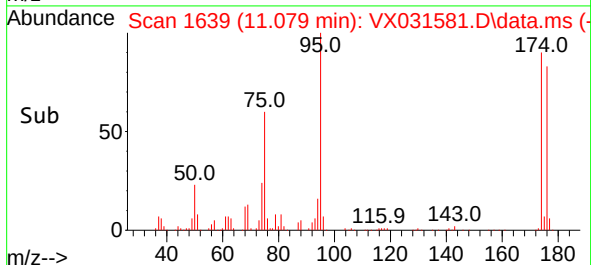
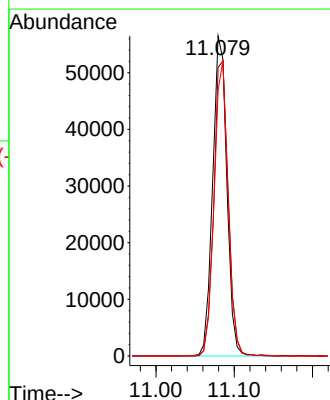
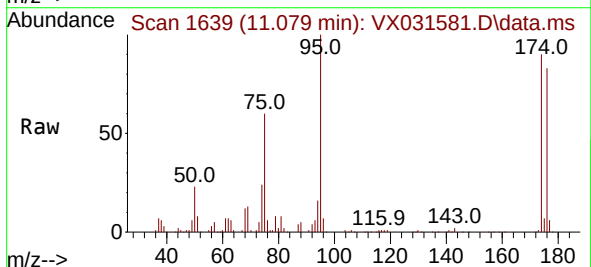
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

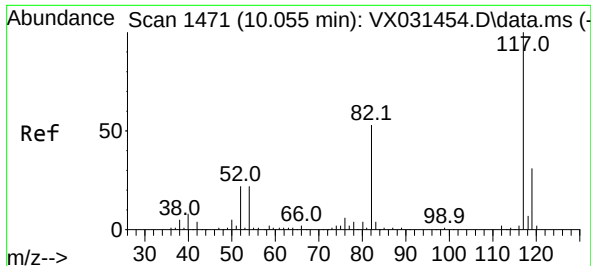
Tgt Ion: 98 Resp: 236865
Ion Ratio Lower Upper
98 100
100 63.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

Tgt Ion: 95 Resp: 70844
Ion Ratio Lower Upper
95 100
174 93.7 0.0 153.2
176 91.0 0.0 144.0

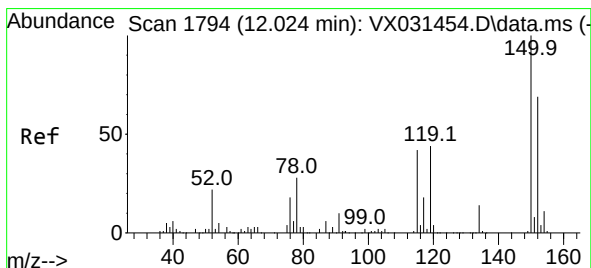
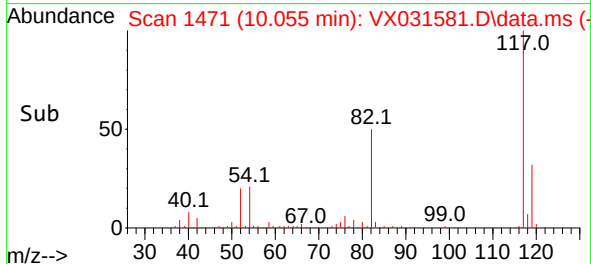
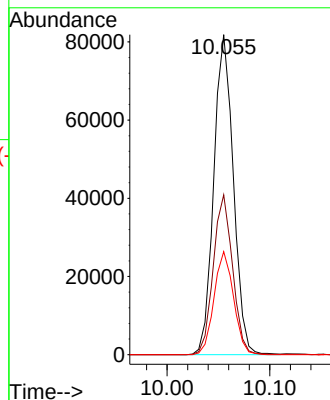
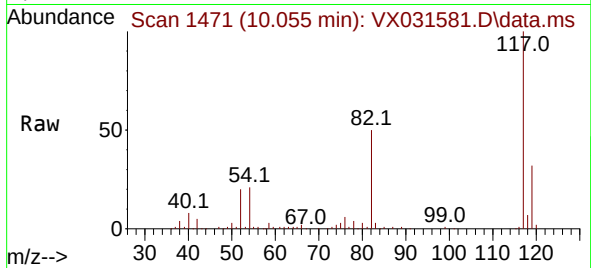




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

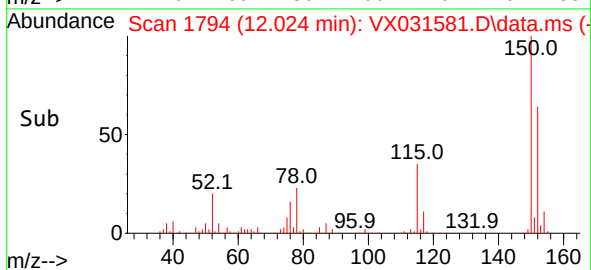
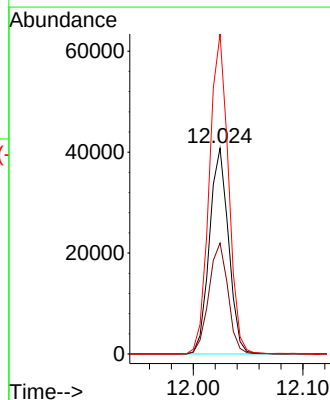
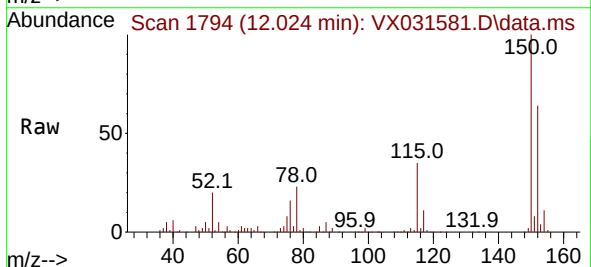
Instrument :
MSVOA_X
ClientSampleId :
MW-23R

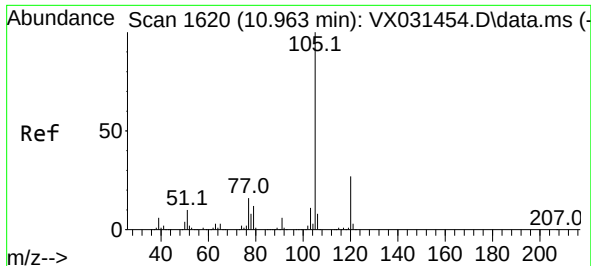
Tgt Ion:117 Resp: 108003
Ion Ratio Lower Upper
117 100
82 49.9 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

Tgt Ion:152 Resp: 49334
Ion Ratio Lower Upper
152 100
115 54.3 43.4 130.1
150 155.7 0.0 346.8

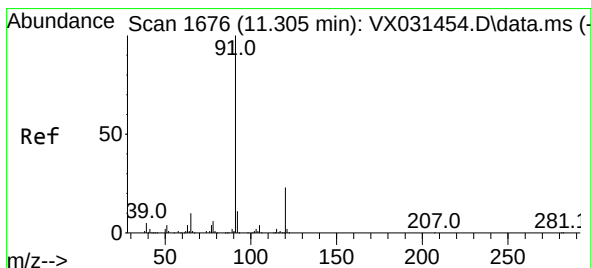
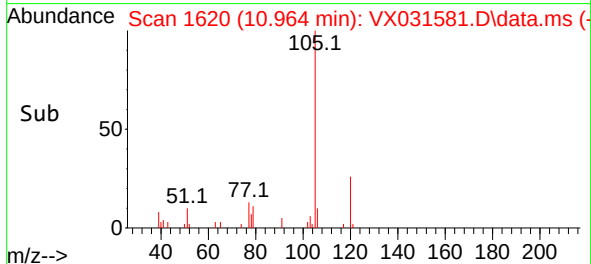
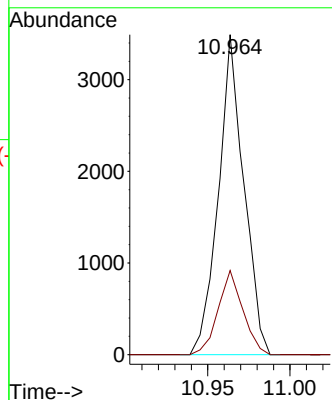
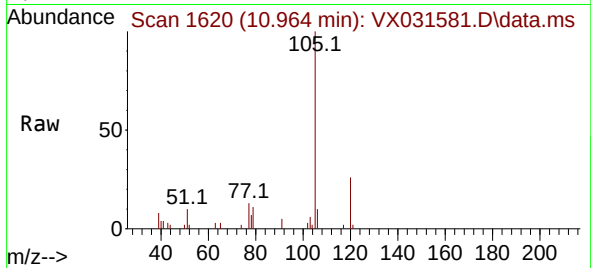




#73
Isopropylbenzene
Concen: 1.018 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

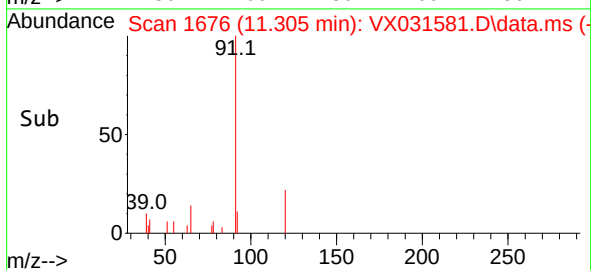
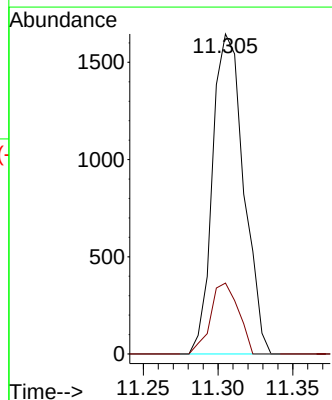
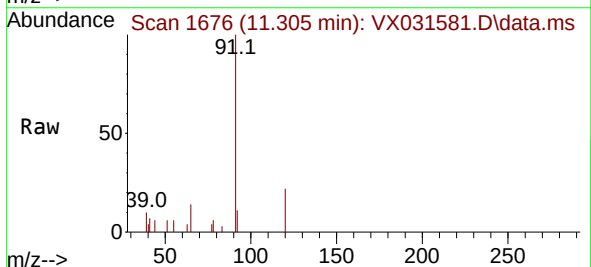
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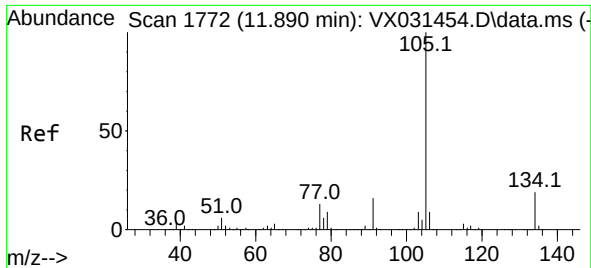
Tgt Ion:105 Resp: 3752
Ion Ratio Lower Upper
105 100
120 25.7 13.7 41.0



#78
n-propylbenzene
Concen: 0.563 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031581.D
Acq: 22 Sep 2022 19:28

Tgt Ion: 91 Resp: 2388
Ion Ratio Lower Upper
91 100
120 19.8 11.8 35.4





#85
 sec-Butylbenzene
 Concen: 0.418 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031581.D
 Acq: 22 Sep 2022 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23R

Tgt Ion:105 Resp: 1604
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

