

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031850.D
 Acq On : 03 Oct 2022 21:44
 Operator : JC/MD
 Sample : N4860-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

Quant Time: Oct 04 08:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

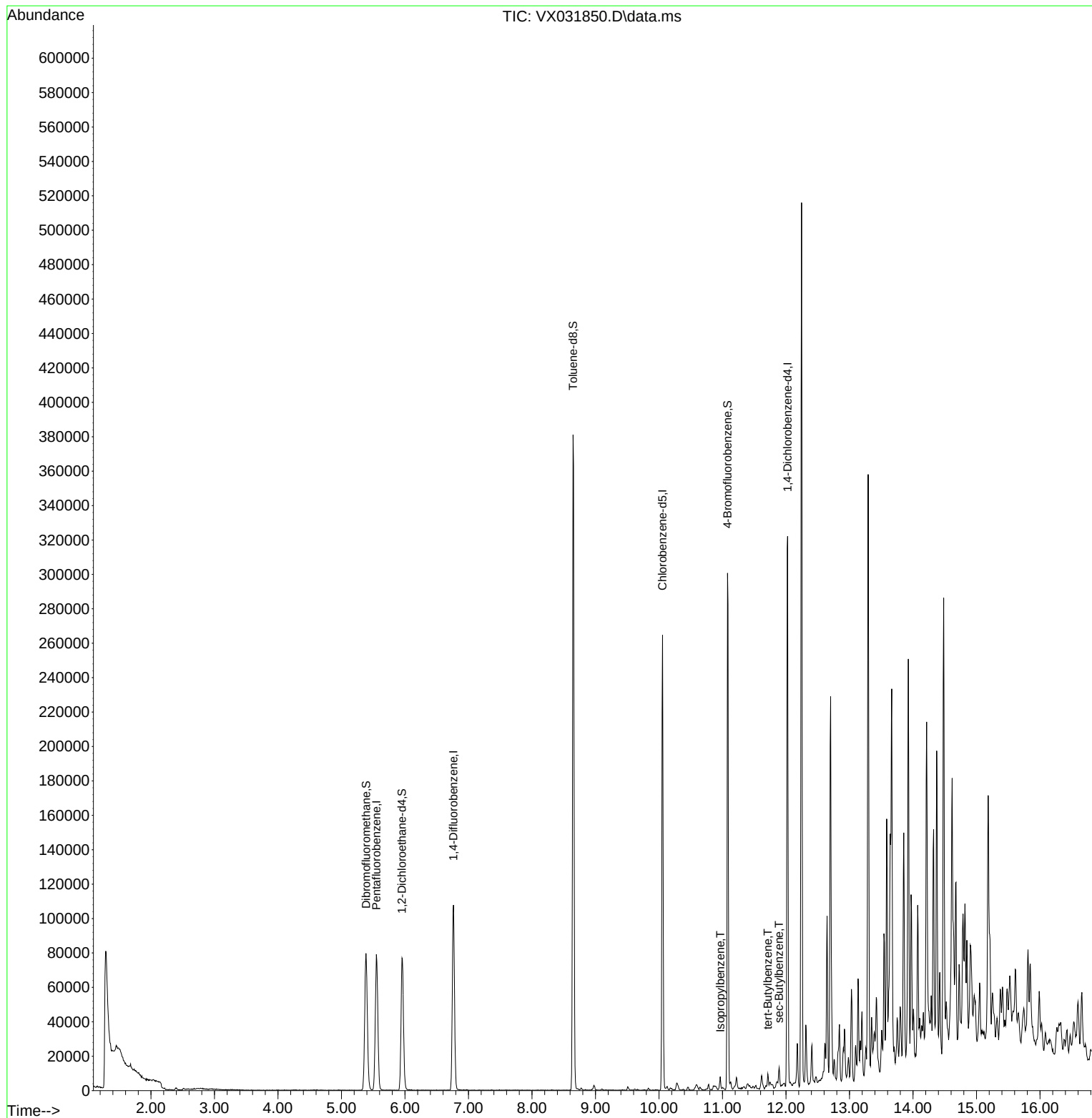
Internal Standards						
1) Pentafluorobenzene	5.550	168	77842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73997	53.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.120%	
35) Dibromofluoromethane	5.385	113	68826	48.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.800%	
50) Toluene-d8	8.647	98	236487	46.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.960%	
62) 4-Bromofluorobenzene	11.079	95	78625	42.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.840%	
Target Compounds						Qvalue
73) Isopropylbenzene	10.964	105	3728	0.749	ug/l	91
83) tert-Butylbenzene	11.713	119	1996	0.475	ug/l	90
85) sec-Butylbenzene	11.890	105	4814	0.952	ug/l	98

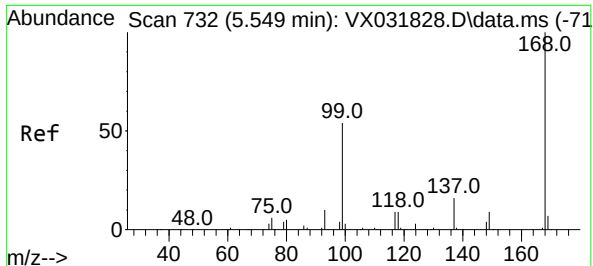
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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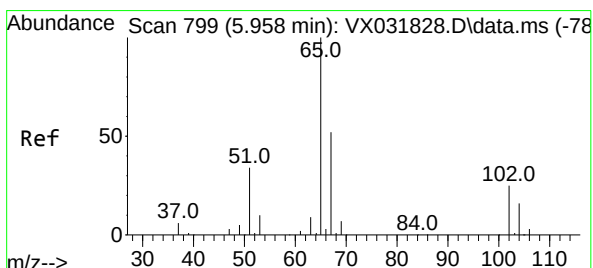
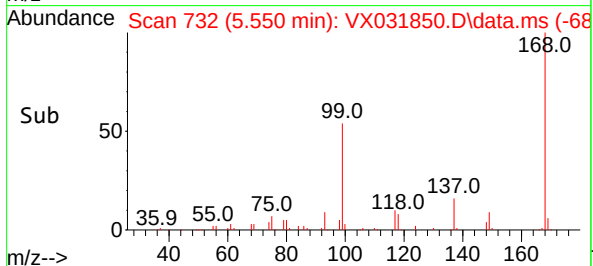
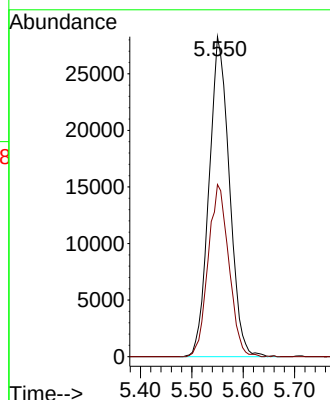
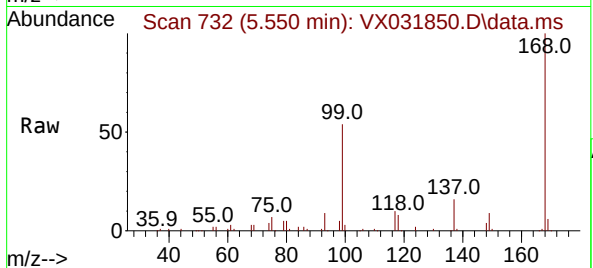




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

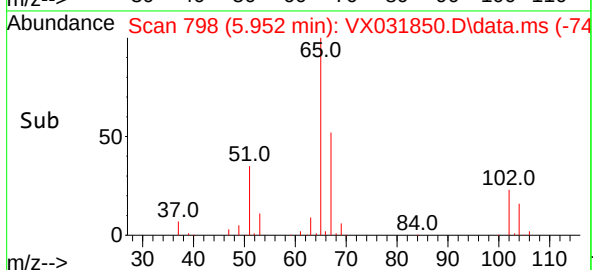
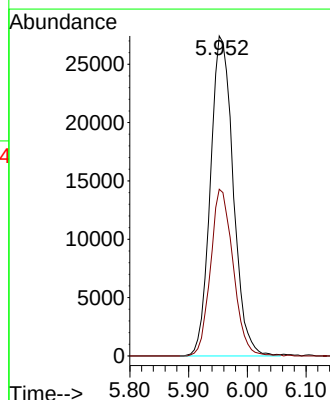
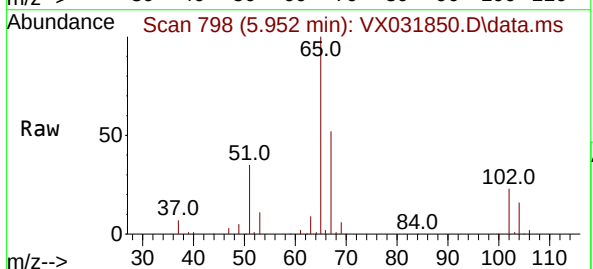
Instrument :
MSVOA_X
ClientSampleId :
MW-07

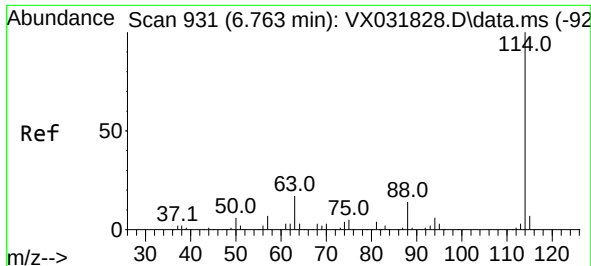
Tgt Ion:168 Resp: 77842
Ion Ratio Lower Upper
168 100
99 53.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.060 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

Tgt Ion: 65 Resp: 73997
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

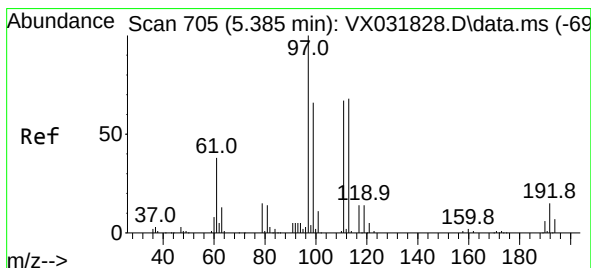
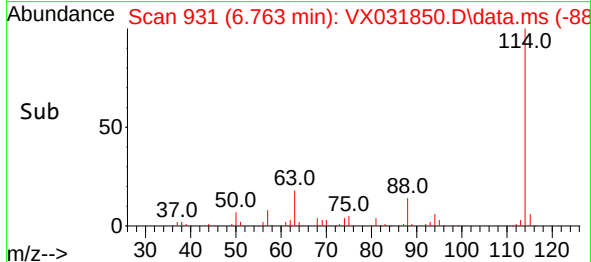
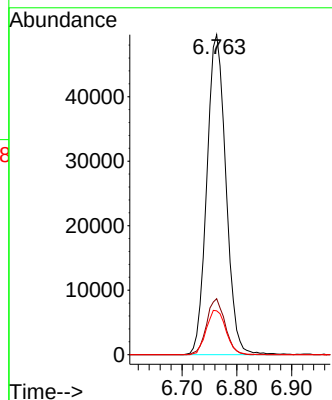
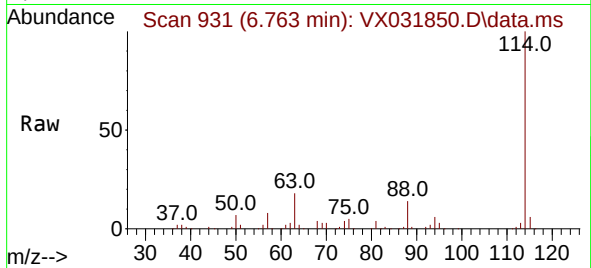




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX031850.D
 Acq: 03 Oct 2022 21:44

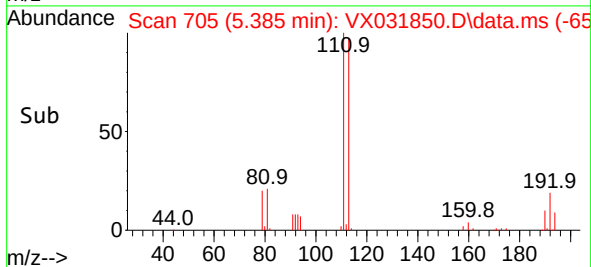
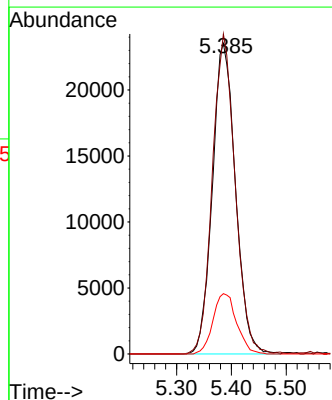
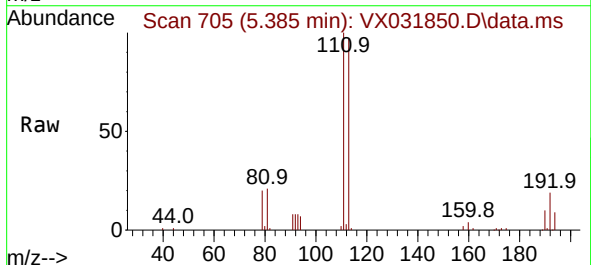
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07

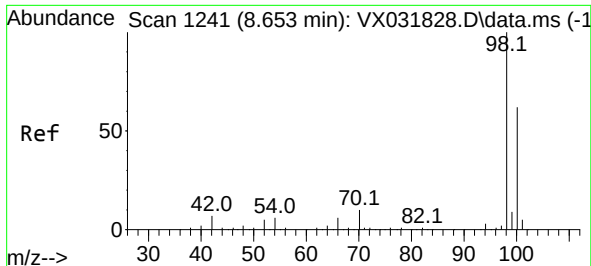
Tgt Ion:114 Resp: 119697
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.6
 88 13.7 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.396 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX031850.D
 Acq: 03 Oct 2022 21:44

Tgt Ion:113 Resp: 68826
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 19.9 14.1 21.1

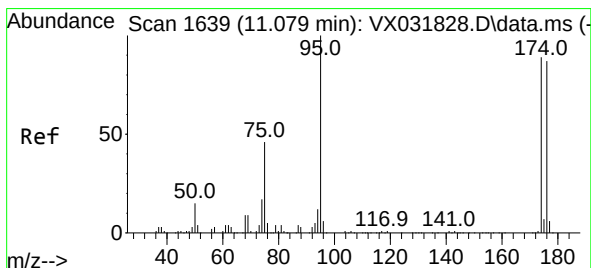
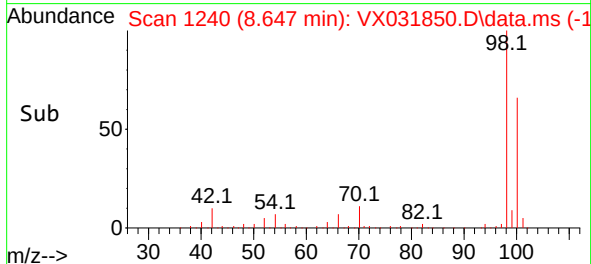
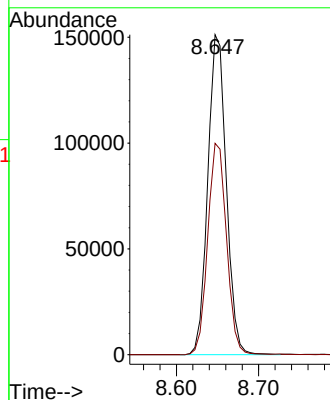
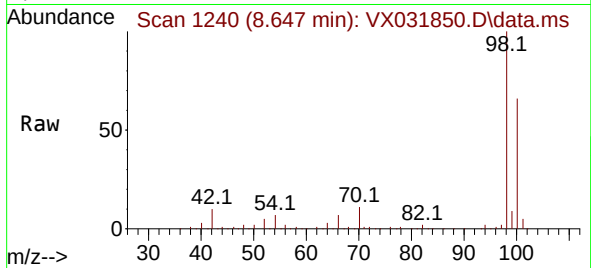




#50
Toluene-d8
Concen: 46.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

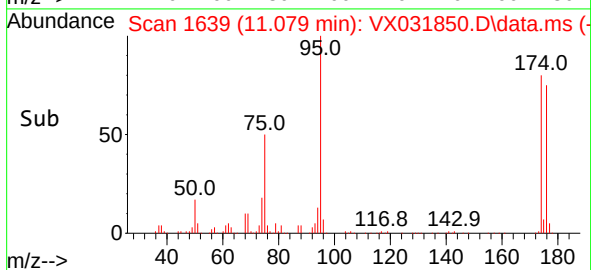
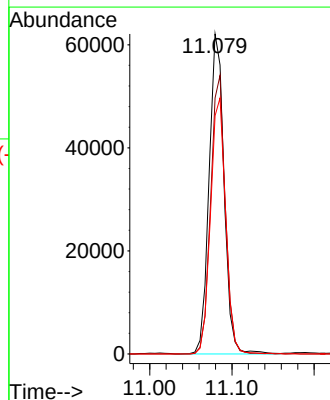
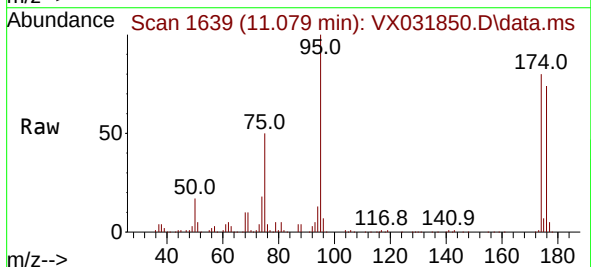
Instrument :
MSVOA_X
ClientSampleId :
MW-07

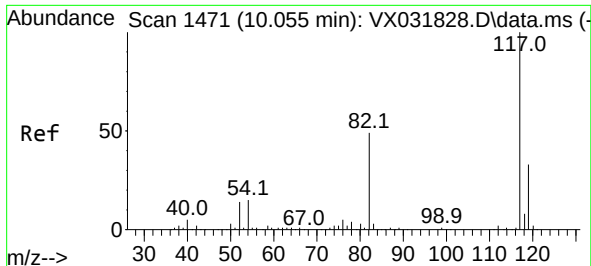
Tgt Ion: 98 Resp: 236487
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

Tgt Ion: 95 Resp: 78625
Ion Ratio Lower Upper
95 100
174 85.5 0.0 153.2
176 80.8 0.0 144.0

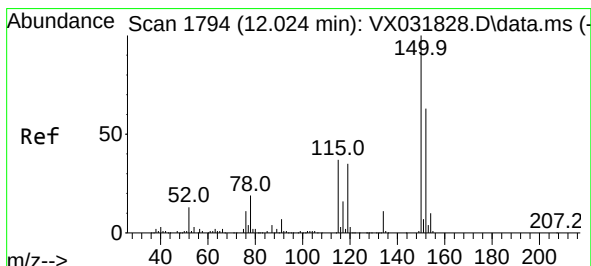
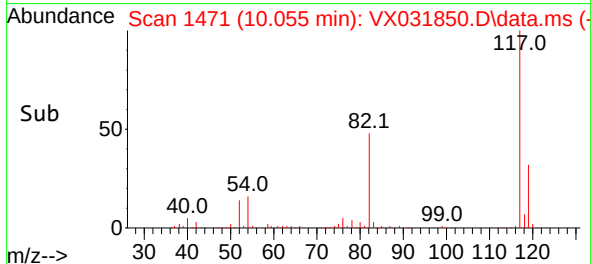
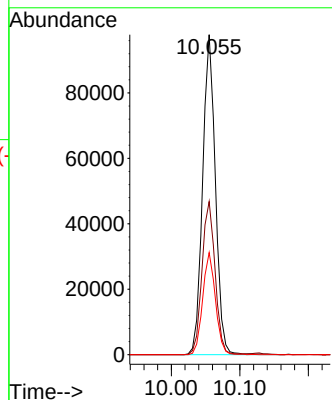
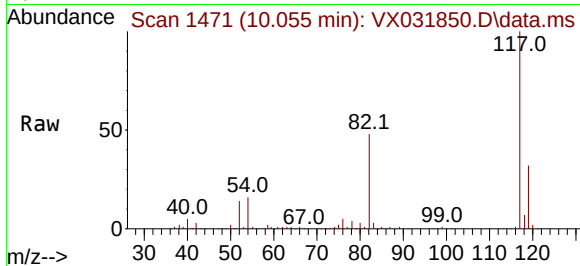




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

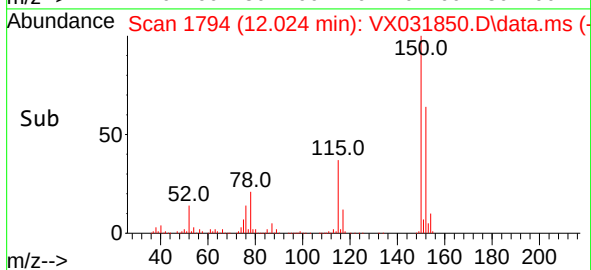
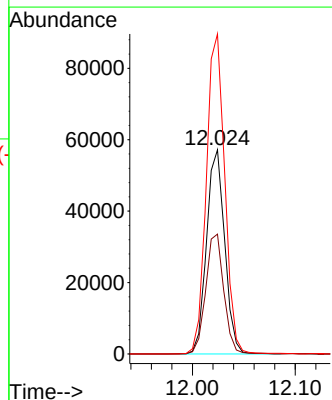
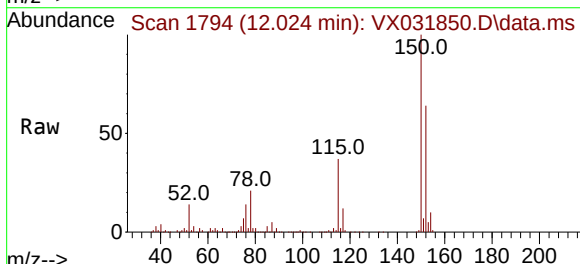
Instrument :
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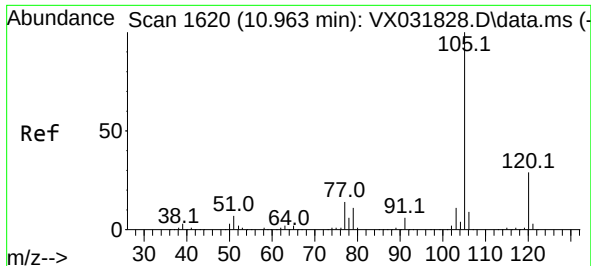
Tgt Ion:117 Resp: 126984
Ion Ratio Lower Upper
117 100
82 47.8 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

Tgt Ion:152 Resp: 70448
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 158.8 0.0 346.8

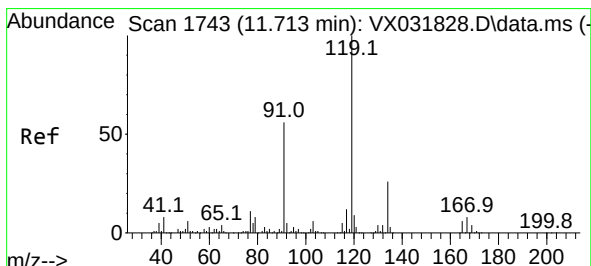
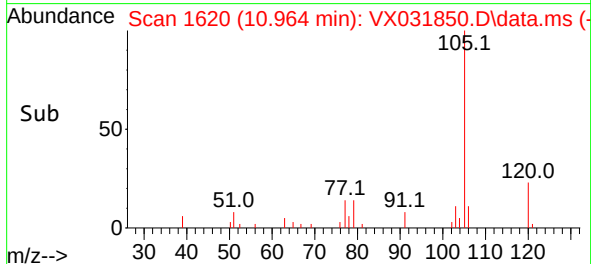
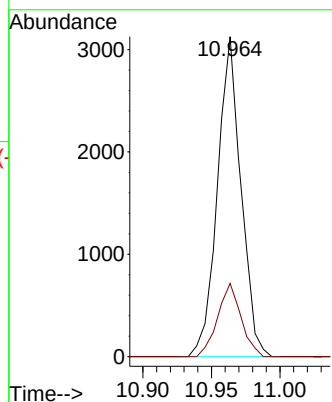
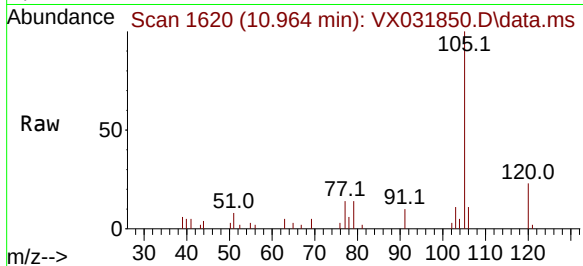




#73
Isopropylbenzene
Concen: 0.749 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

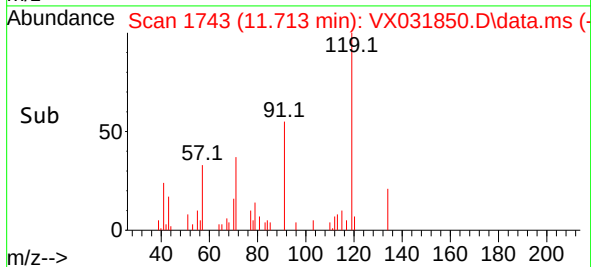
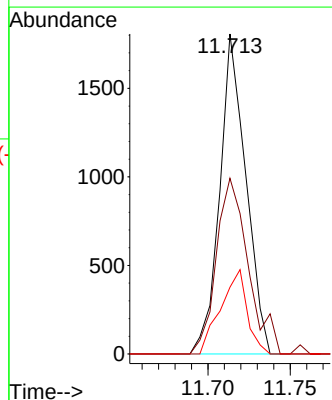
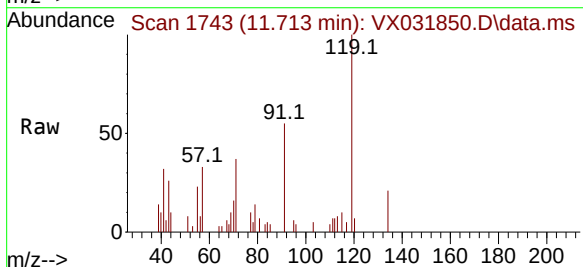
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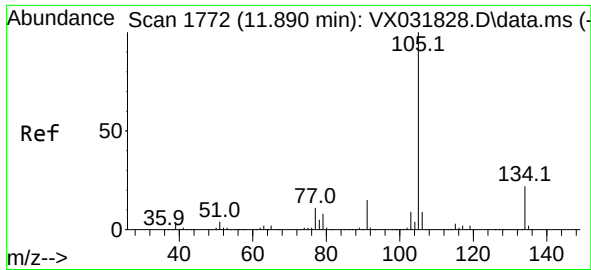
Tgt Ion:105 Resp: 3728
Ion Ratio Lower Upper
105 100
120 22.8 13.7 41.0



#83
tert-Butylbenzene
Concen: 0.475 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031850.D
Acq: 03 Oct 2022 21:44

Tgt Ion:119 Resp: 1996
Ion Ratio Lower Upper
119 100
91 66.8 29.2 87.6
134 26.6 11.6 34.8





#85

sec-Butylbenzene

Concen: 0.952 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031850.D

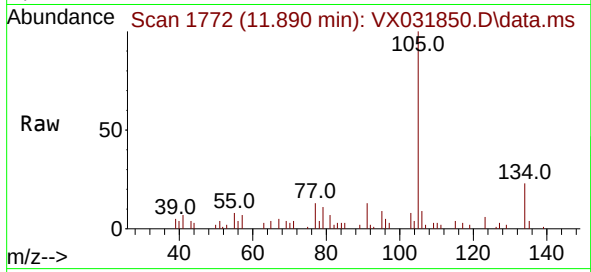
Acq: 03 Oct 2022 21:44

Instrument :

MSVOA_X

ClientSampleId :

MW-07



Tgt Ion:	105	Resp:	4814
Ion Ratio	Lower	Upper	
105	100		
134	19.8	10.4	31.1

