

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040251.D
 Acq On : 15 Feb 2024 14:51
 Operator : JC/MD
 Sample : P1471-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30985

Quant Time: Feb 16 00:49:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

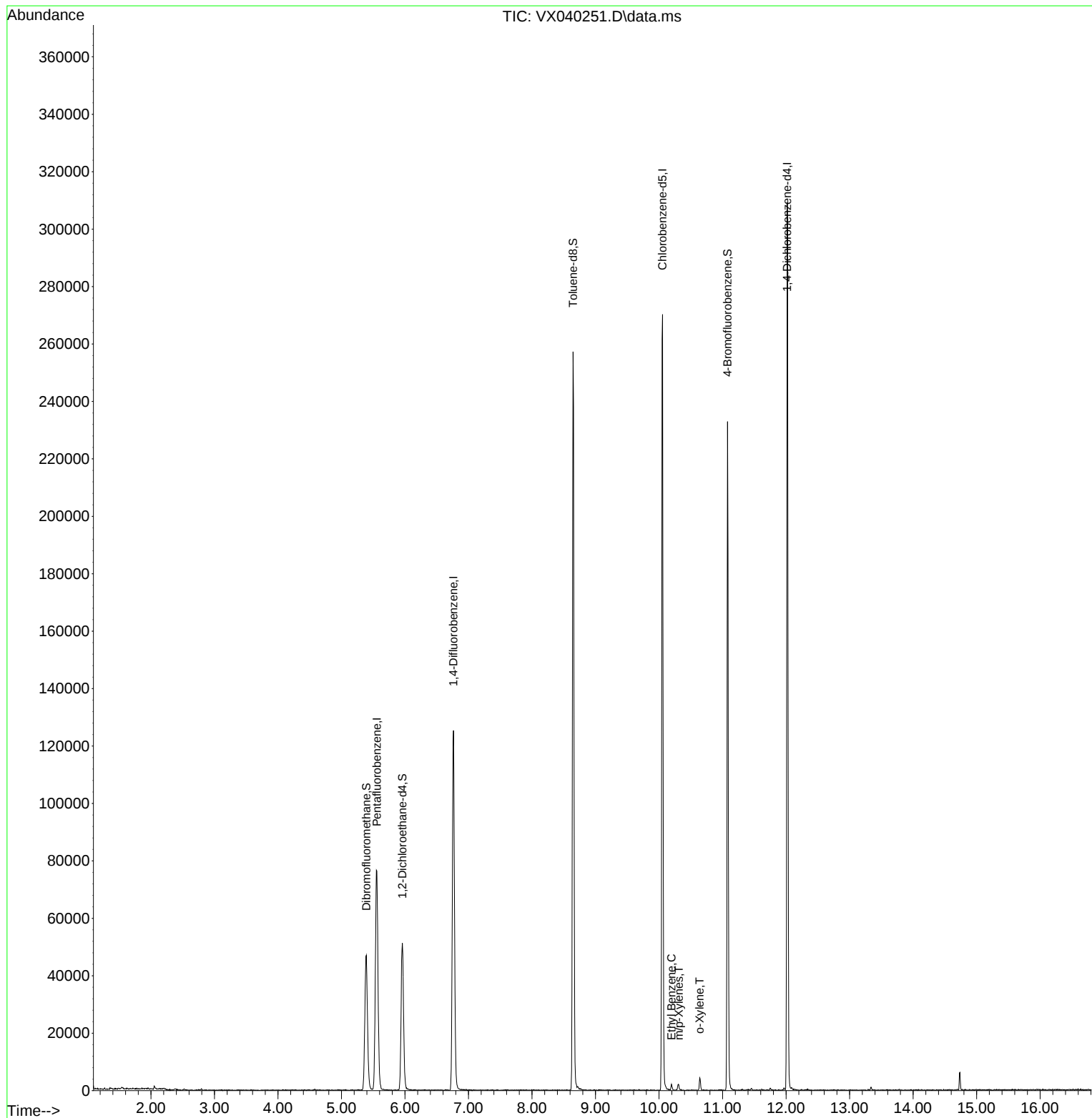
Internal Standards						
1) Pentafluorobenzene	5.556	168	74174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50219	45.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.020%
35) Dibromofluoromethane	5.391	113	40750	45.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.500%
50) Toluene-d8	8.647	98	154828	46.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.920%
62) 4-Bromofluorobenzene	11.079	95	60723	44.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	1226	0.268	ug/l	# 72
68) m/p-Xylenes	10.311	106	648	0.375	ug/l	87
69) o-Xylene	10.640	106	971	0.578	ug/l	87

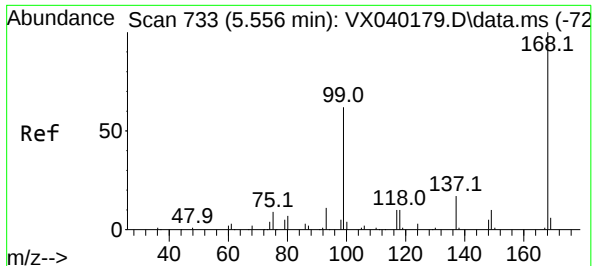
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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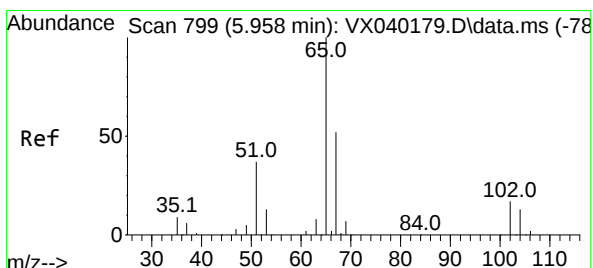
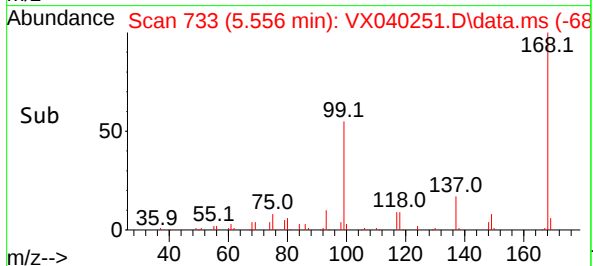
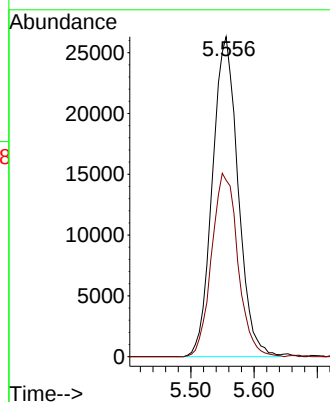
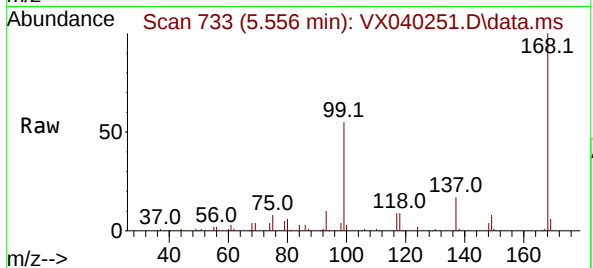




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

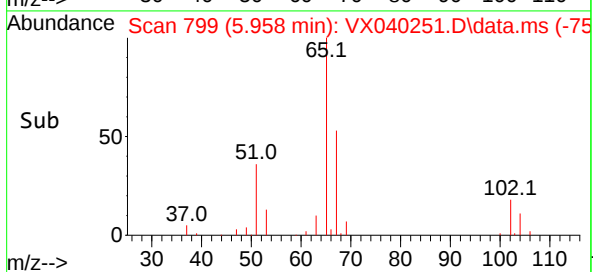
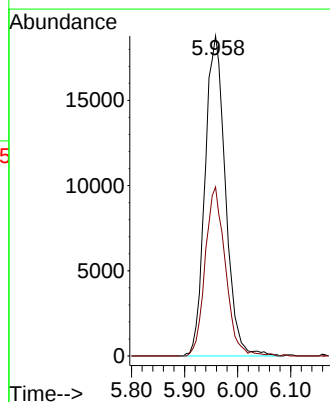
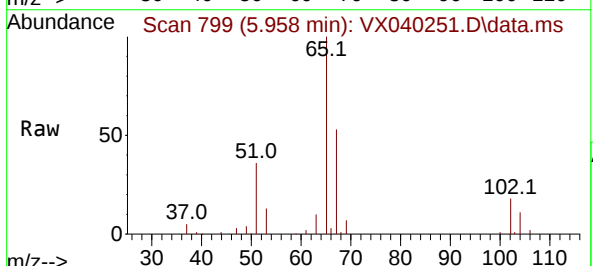
Instrument :
MSVOA_X
ClientSampleId :
30985

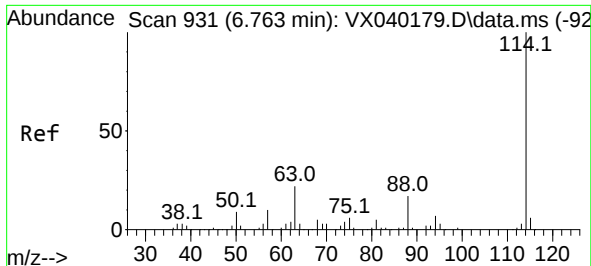
Tgt Ion:168 Resp: 74174
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 45.509 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 65 Resp: 50219
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

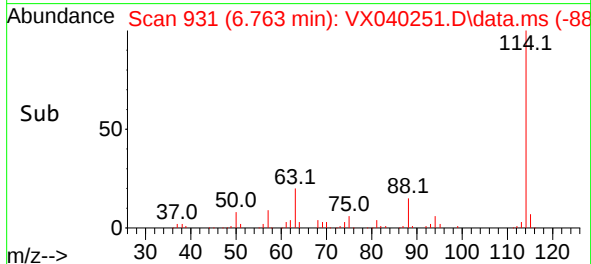
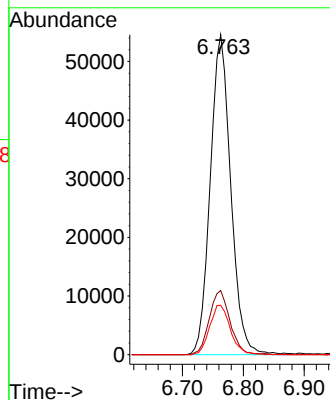
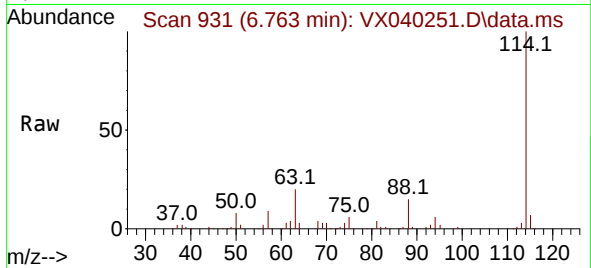




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

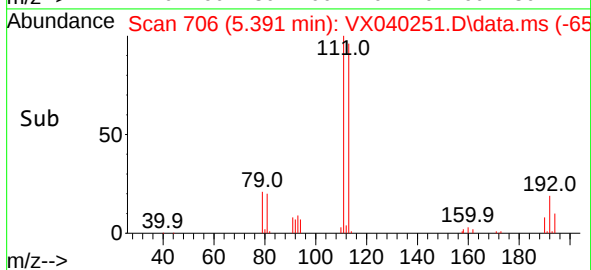
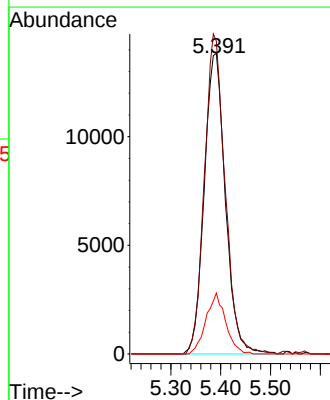
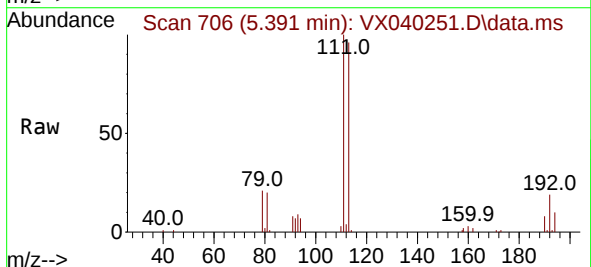
Instrument :
MSVOA_X
ClientSampleId :
30985

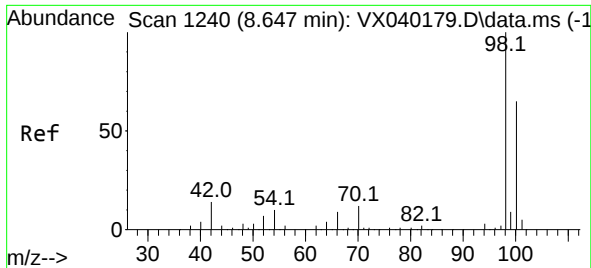
Tgt Ion:114 Resp: 127556
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.746 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion:113 Resp: 40750
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.8 13.3 19.9

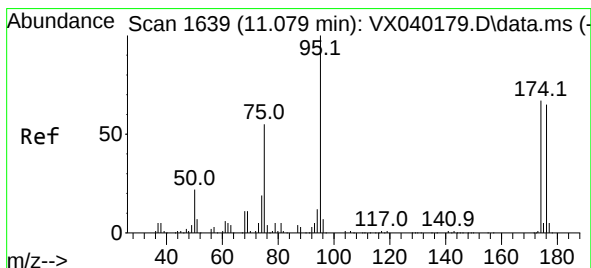
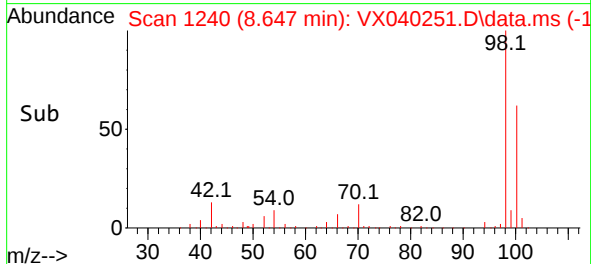
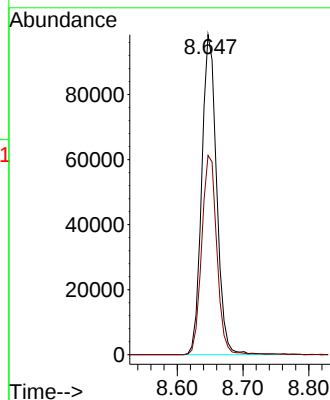
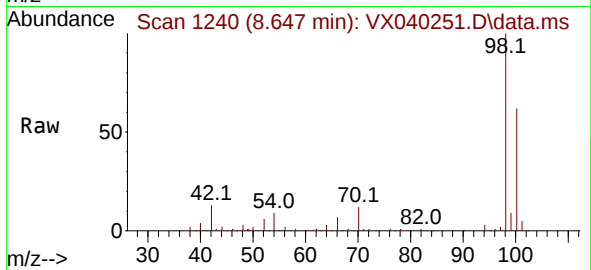




#50
Toluene-d8
Concen: 46.465 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

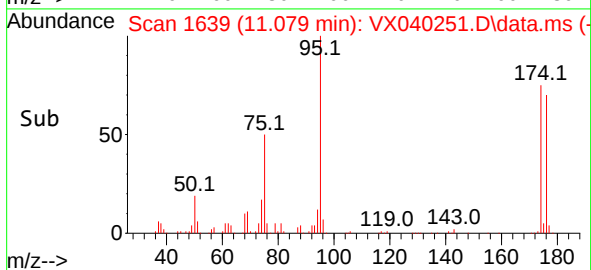
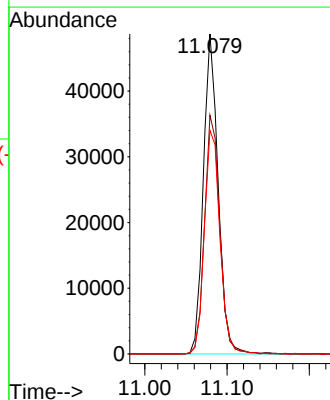
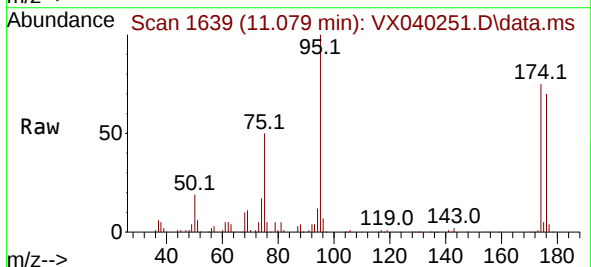
Instrument :
MSVOA_X
ClientSampleId :
30985

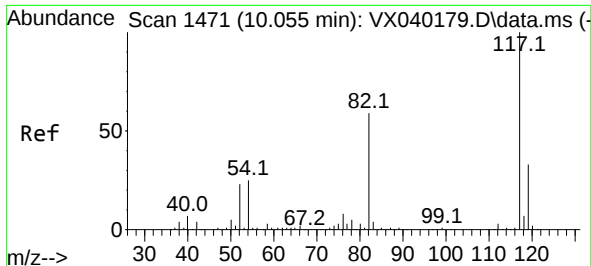
Tgt Ion: 98 Resp: 154828
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 95 Resp: 60723
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.8 0.0 131.0

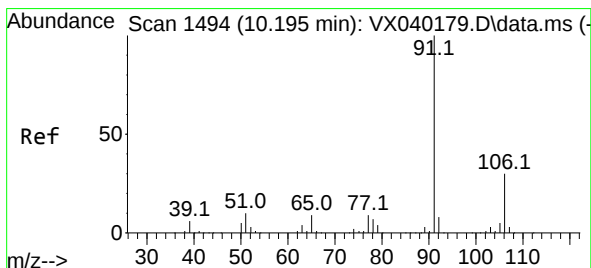
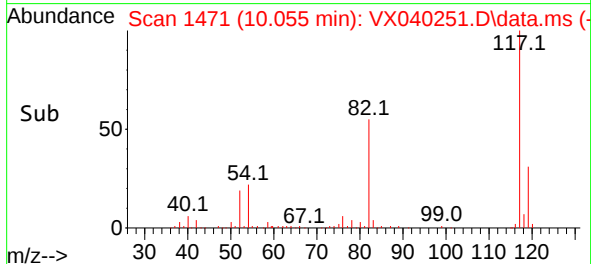
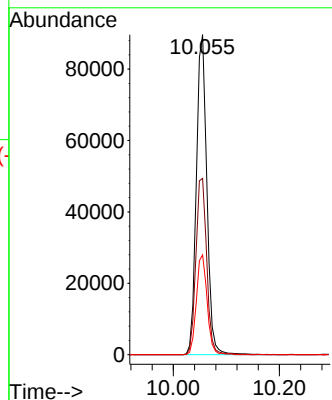
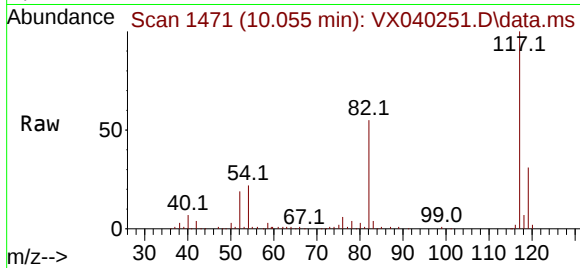




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

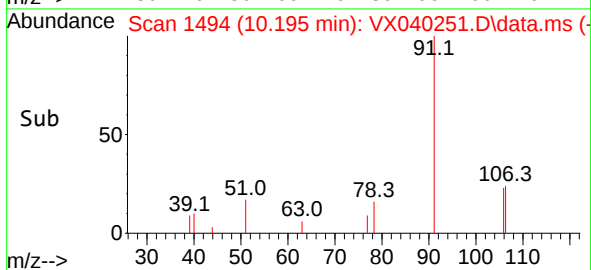
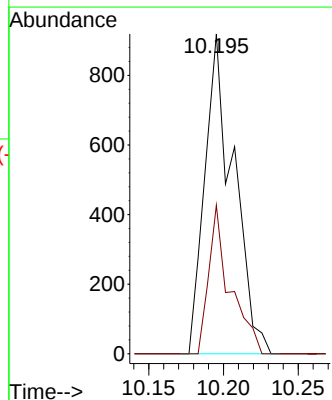
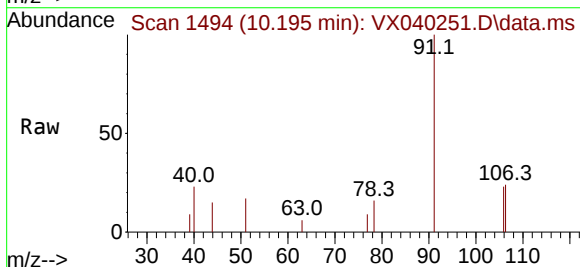
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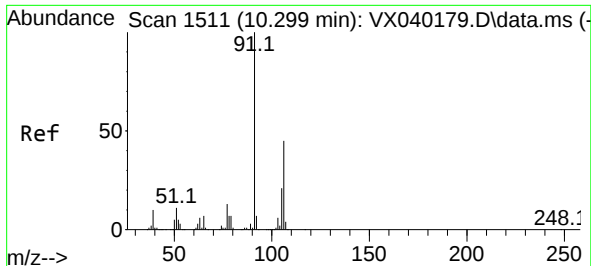
Tgt Ion:117 Resp: 123065
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.268 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 91 Resp: 1226
Ion Ratio Lower Upper
91 100
106 46.5 24.9 37.3#

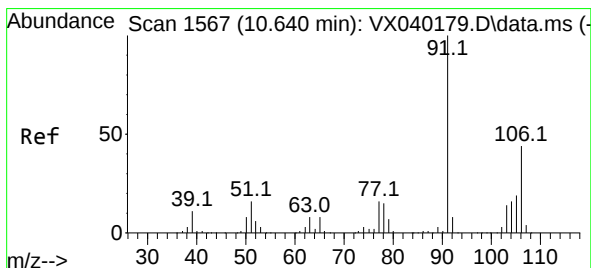
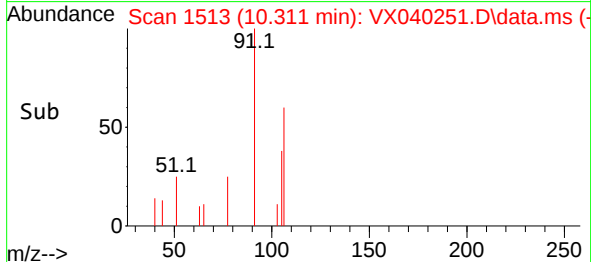
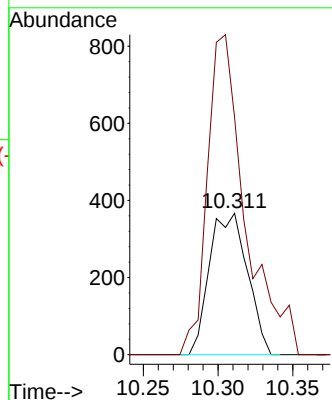
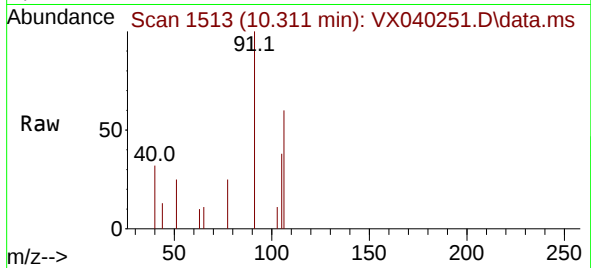




#68
m/p-Xylenes
Concen: 0.375 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

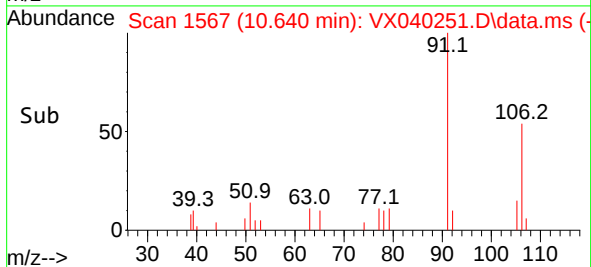
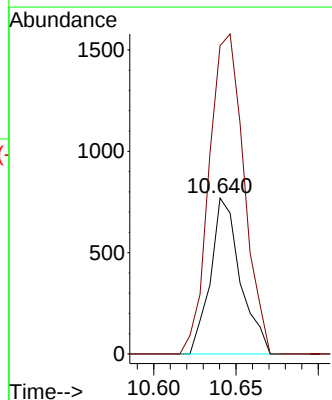
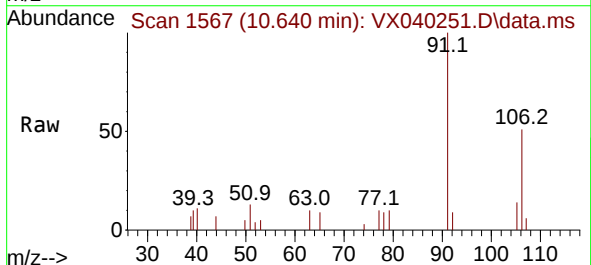
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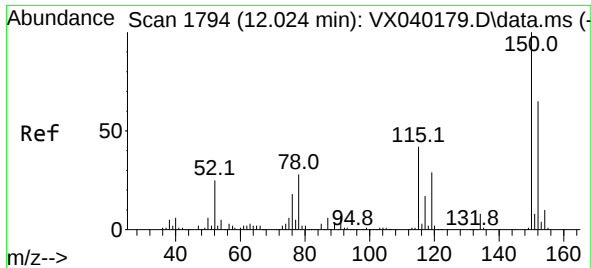
Tgt Ion:106 Resp: 648
Ion Ratio Lower Upper
106 100
91 227.2 165.5 248.3



#69
o-Xylene
Concen: 0.578 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

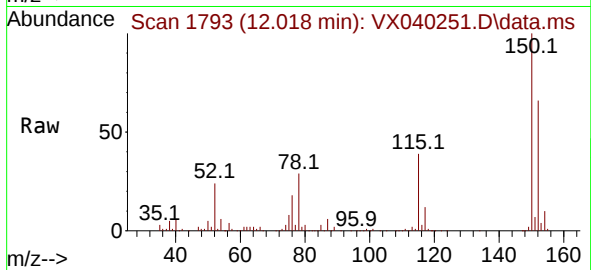
Tgt Ion:106 Resp: 971
Ion Ratio Lower Upper
106 100
91 239.2 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040251.D
 Acq: 15 Feb 2024 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 30985



Tgt Ion:152 Resp: 64224
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 156.2 0.0 345.0

