

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038676.D
 Acq On : 09 Nov 2023 13:32
 Operator : JC/MD
 Sample : 05222-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-27-20231101

Quant Time: Nov 10 03:38:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

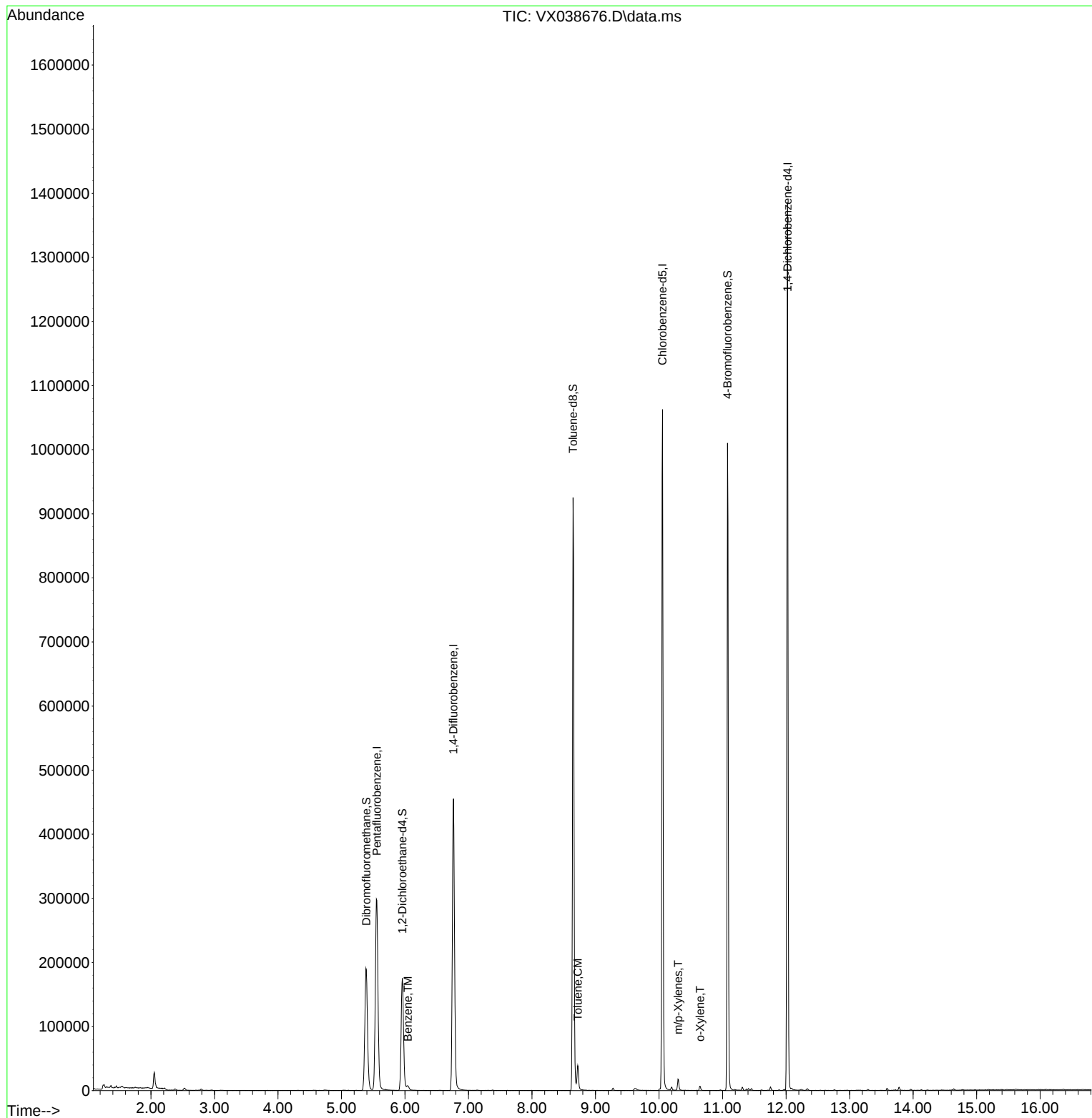
Internal Standards						
1) Pentafluorobenzene	5.556	168	309622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	506957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	322949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175319	45.482	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.960%
35) Dibromofluoromethane	5.391	113	170757	46.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.647	98	580987	44.467	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.940%#
62) 4-Bromofluorobenzene	11.079	95	272298	53.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.500%
Target Compounds						
					Qvalue	
40) Benzene	6.043	78	8473	0.649	ug/l	# 83
52) Toluene	8.720	92	15404	1.800	ug/l	98
68) m/p-Xylenes	10.299	106	4587	0.636	ug/l	98
69) o-Xylene	10.646	106	1798	0.256	ug/l	93

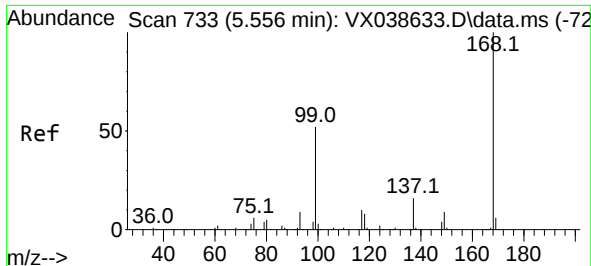
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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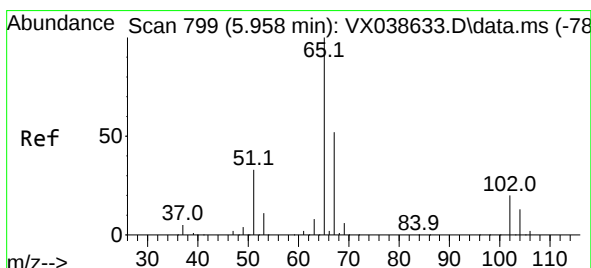
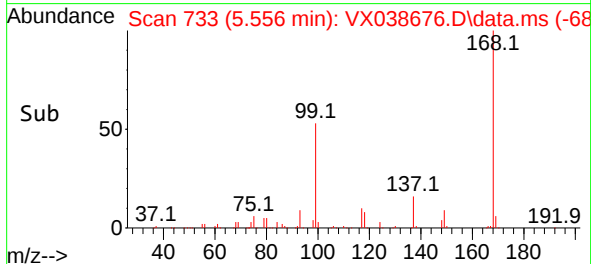
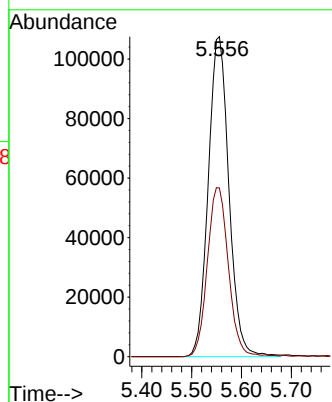
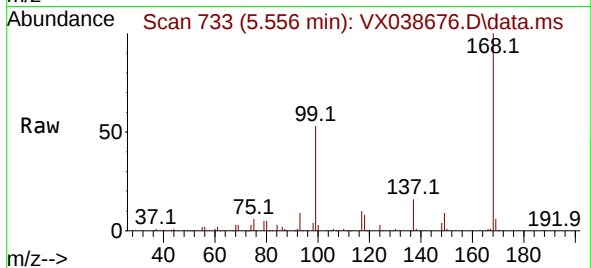




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

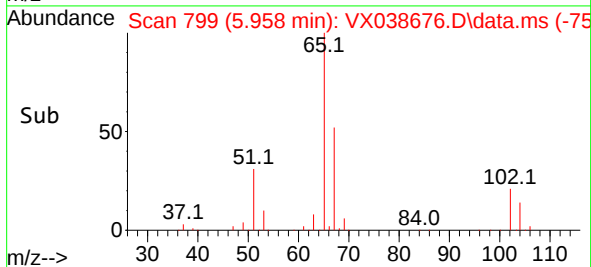
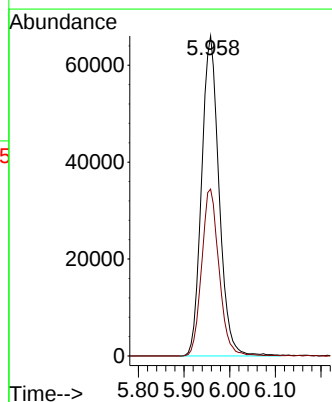
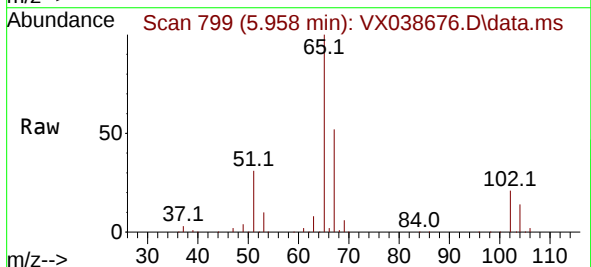
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

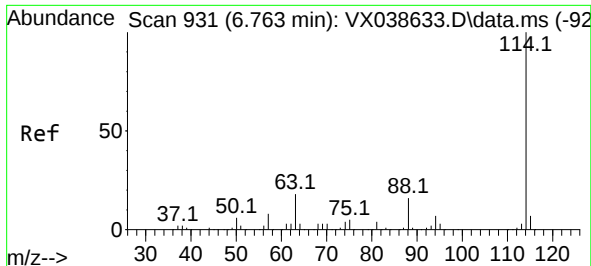
Tgt Ion:168 Resp: 309622
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 45.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 65 Resp: 175319
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

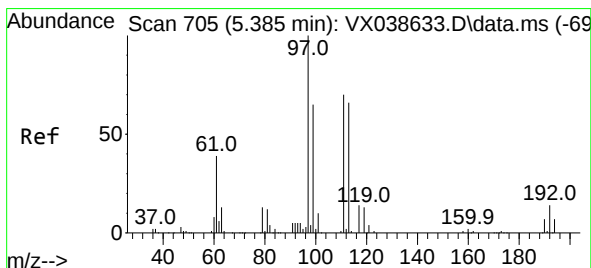
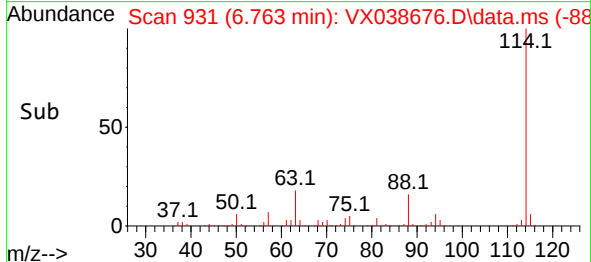
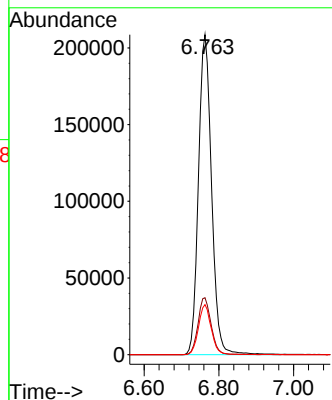
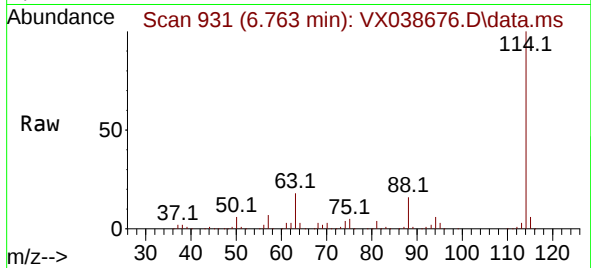




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

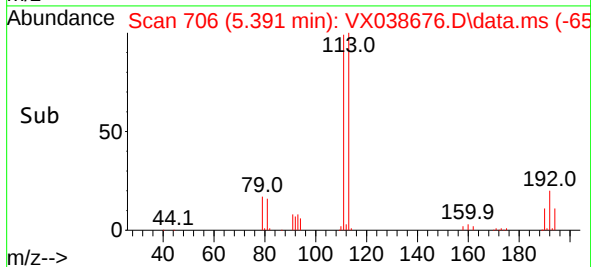
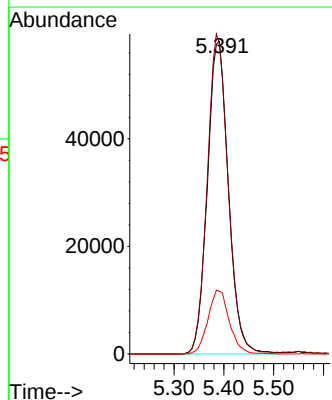
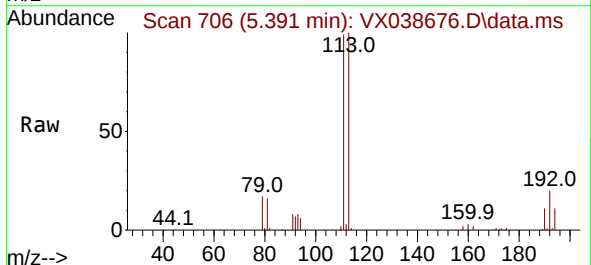
Instrument :
MSVOA_X
ClientSampleId :
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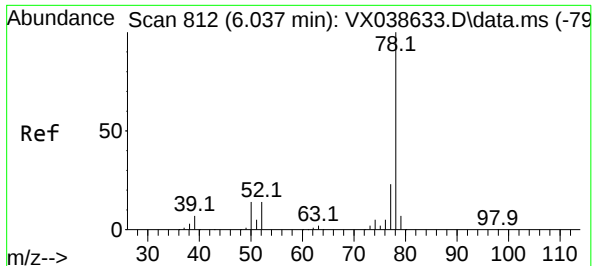
Tgt Ion:114 Resp: 506957
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.767 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion:113 Resp: 170757
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 20.7 13.3 19.9#

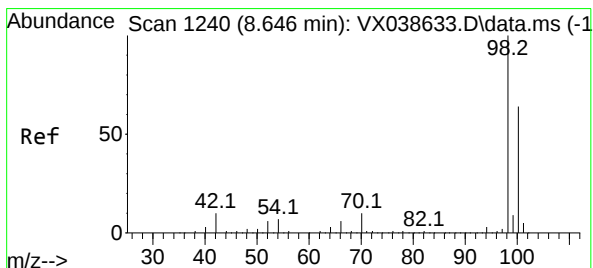
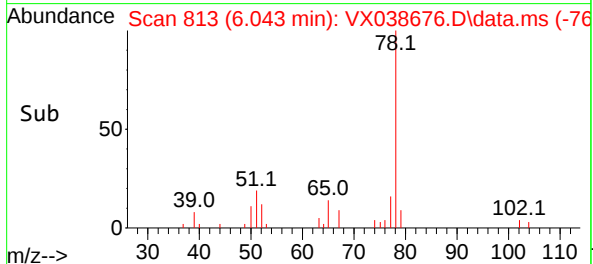
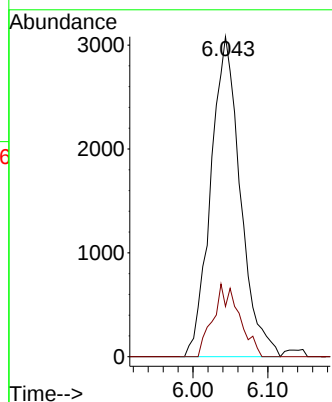
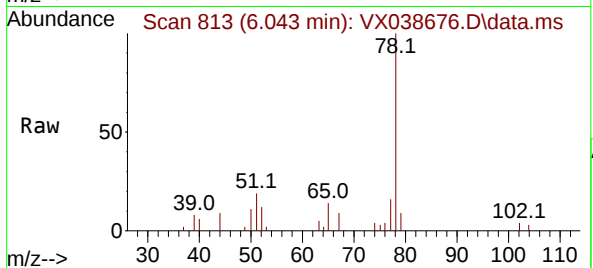




#40
Benzene
Concen: 0.649 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

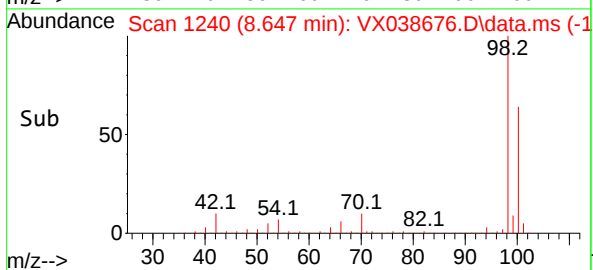
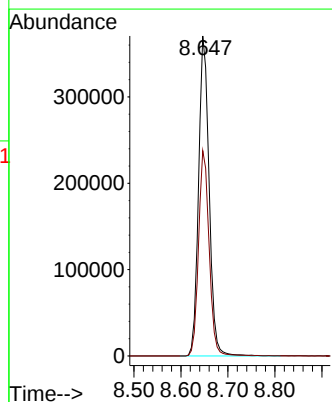
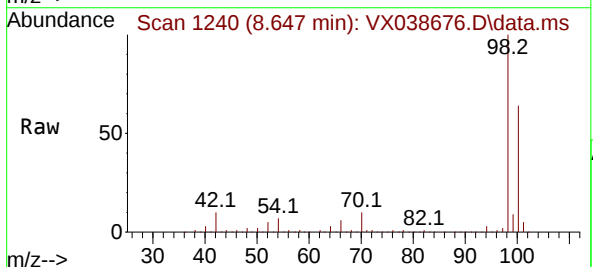
Instrument :
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ClientSampleId :
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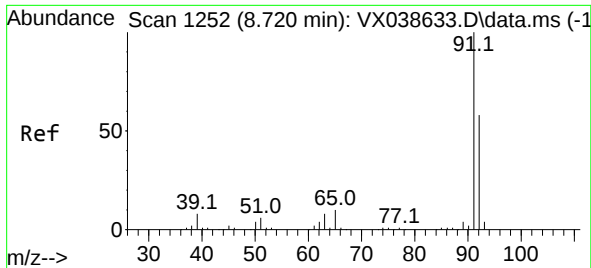
Tgt Ion: 78 Resp: 8473
Ion Ratio Lower Upper
78 100
77 15.7 19.3 28.9#



#50
Toluene-d8
Concen: 44.467 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 98 Resp: 580987
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

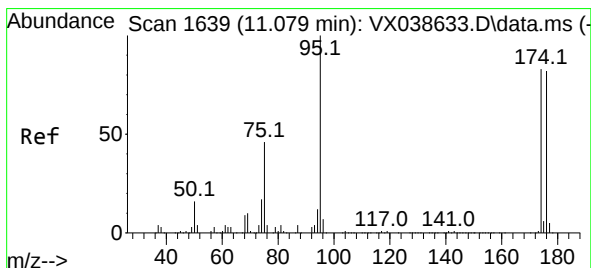
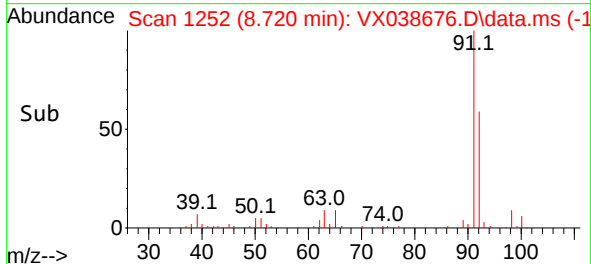
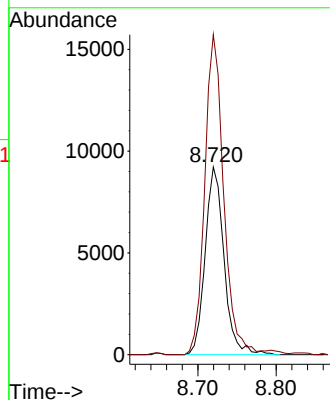
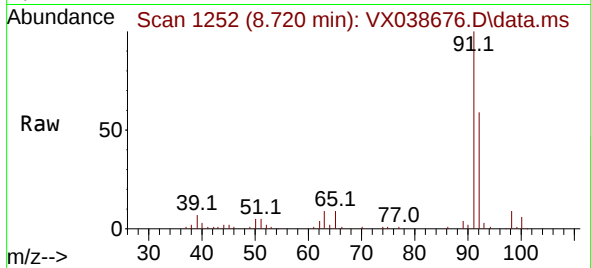




#52
Toluene
Concen: 1.800 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

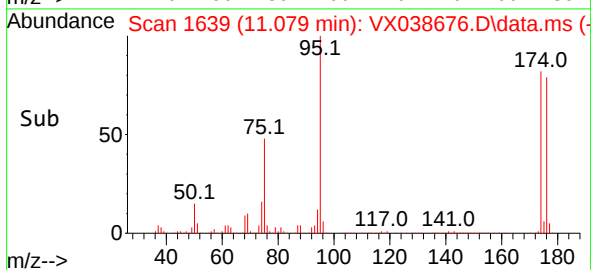
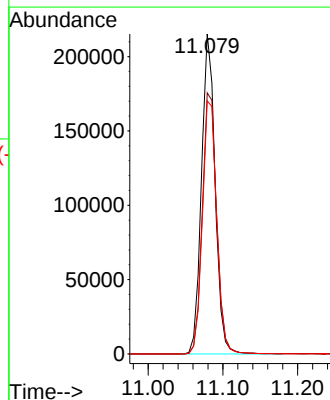
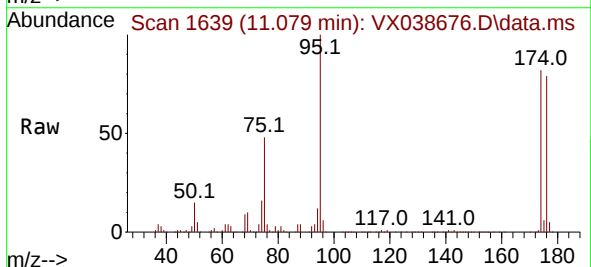
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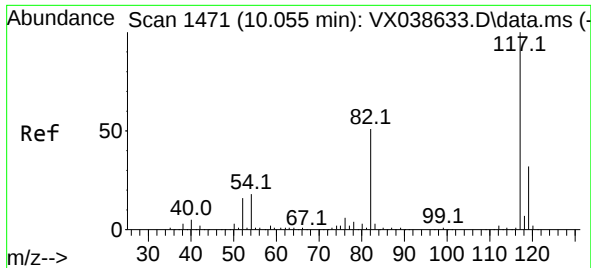
Tgt Ion: 92 Resp: 15404
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion: 95 Resp: 272298
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 83.5 0.0 131.0

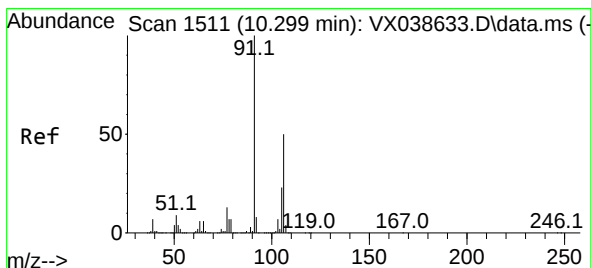
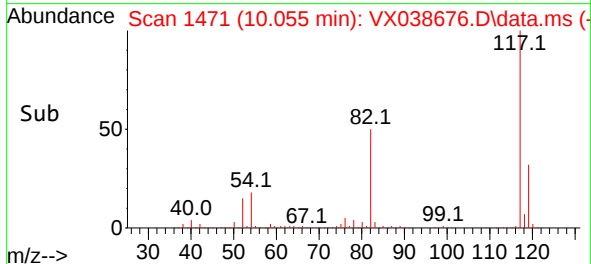
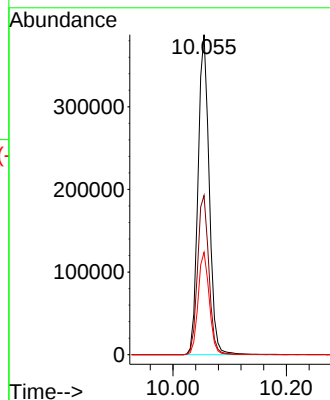
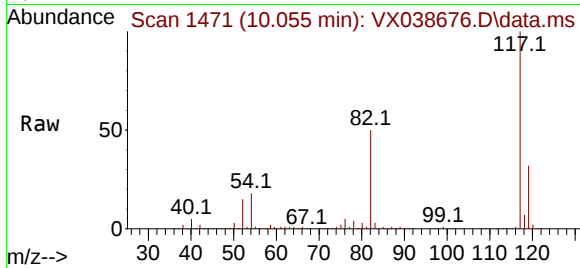




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

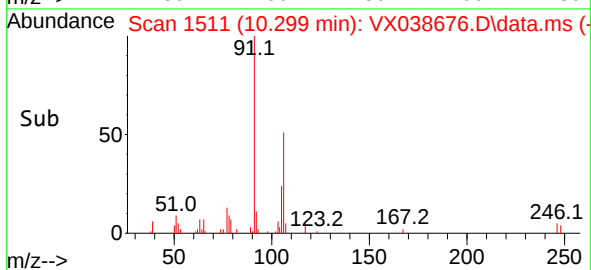
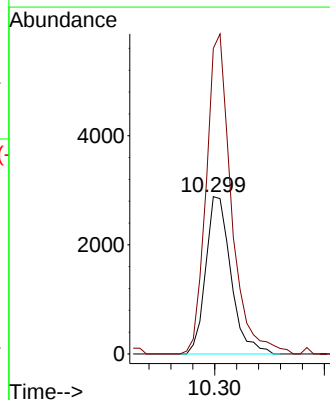
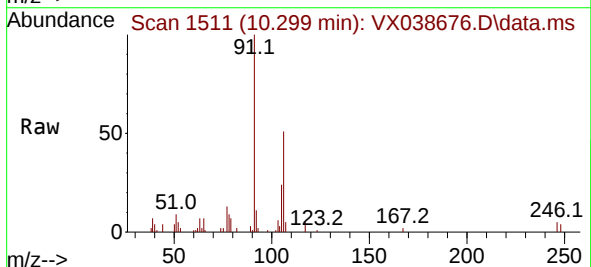
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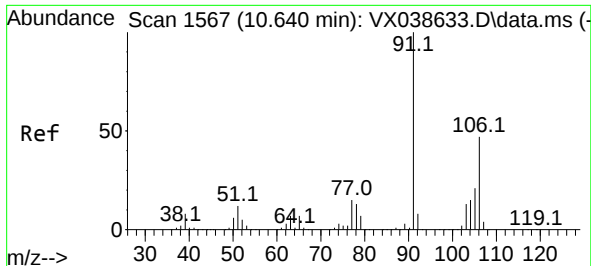
Tgt Ion:117 Resp: 528149
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.636 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion:106 Resp: 4587
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3

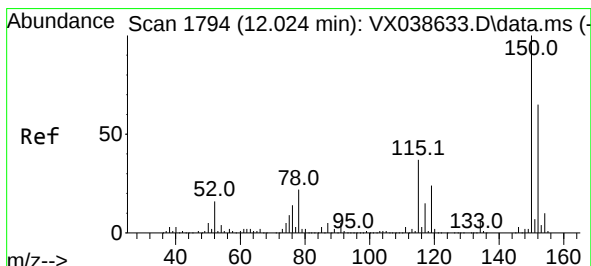
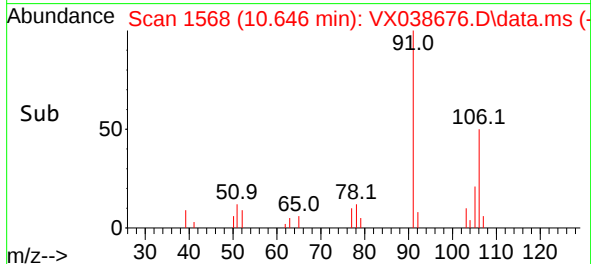
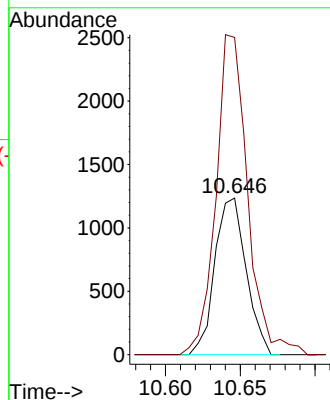
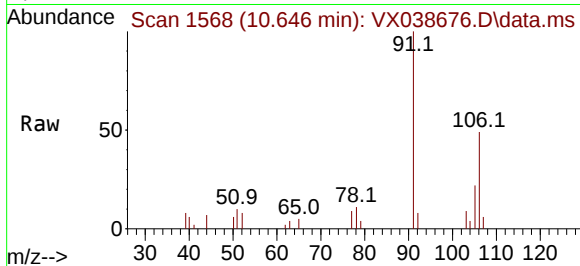




#69
o-Xylene
Concen: 0.256 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-27-20231101

Tgt Ion:106 Resp: 1798
Ion Ratio Lower Upper
106 100
91 206.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038676.D
Acq: 09 Nov 2023 13:32

Tgt Ion:152 Resp: 322949
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.9
150 155.4 0.0 345.0

