

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032339.D
 Acq On : 24 Oct 2022 14:47
 Operator : JC/MD
 Sample : N5248-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221018

Quant Time: Oct 25 03:27:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

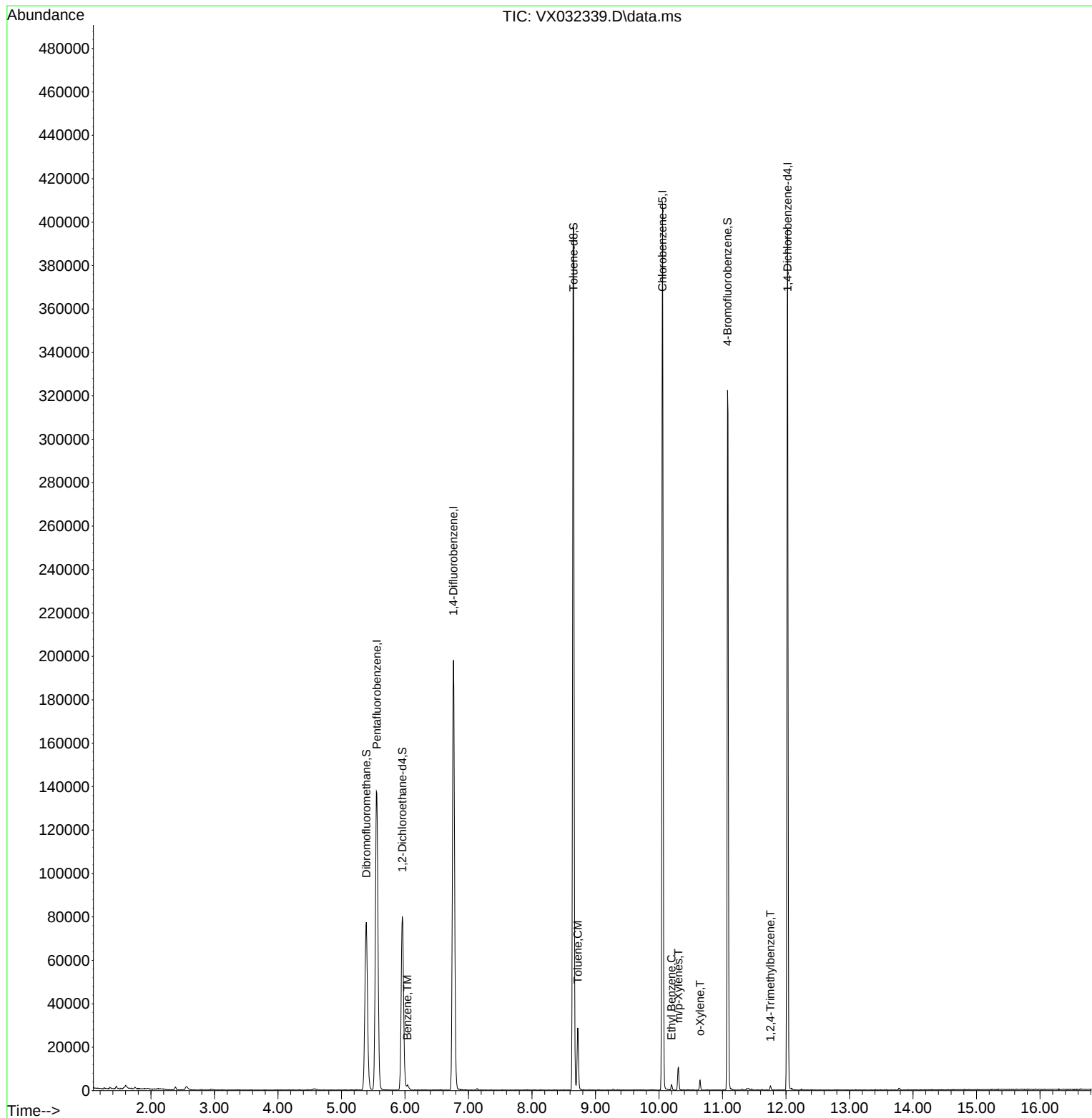
Internal Standards						
1) Pentafluorobenzene	5.556	168	131764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80046	46.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.391	113	65670	46.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.653	98	236100	46.396	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	80844	43.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.760%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	2443	0.464	ug/l #	81
52) Toluene	8.720	92	10587	3.101	ug/l	98
67) Ethyl Benzene	10.195	91	1747	0.273	ug/l	96
68) m/p-Xylenes	10.305	106	2563	1.013	ug/l	95
69) o-Xylene	10.647	106	990	0.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1171	0.239	ug/l	92

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

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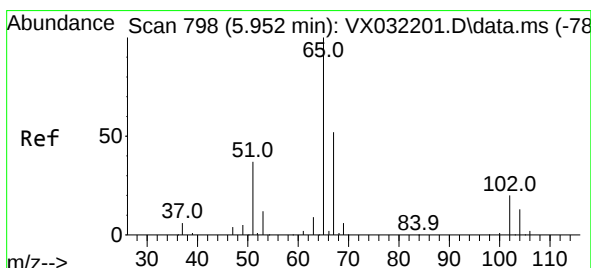
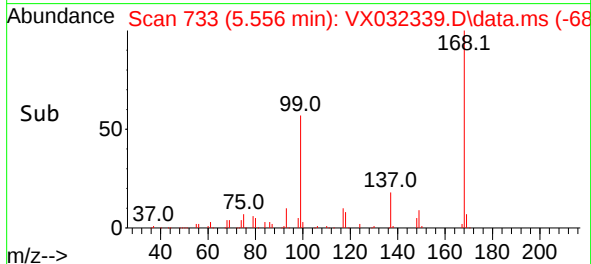
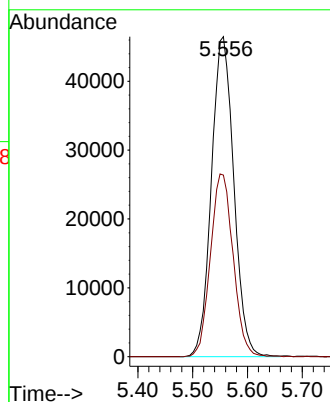
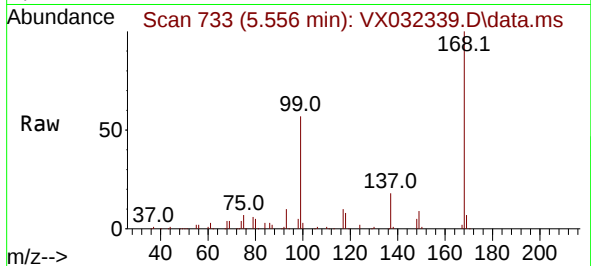




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

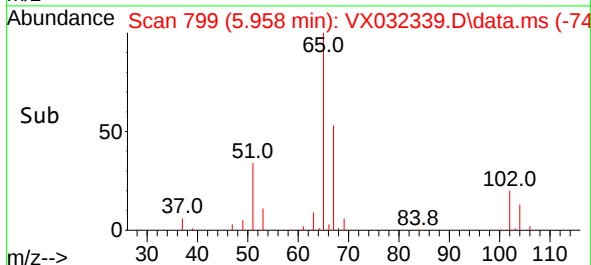
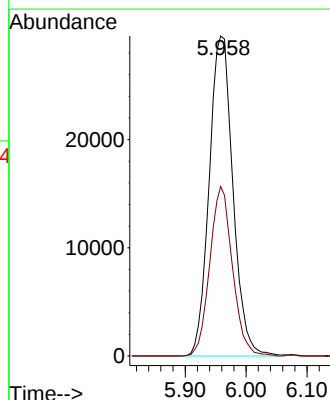
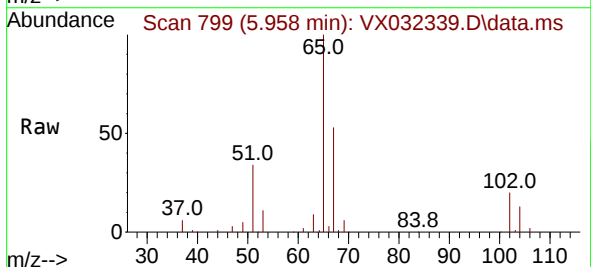
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221018

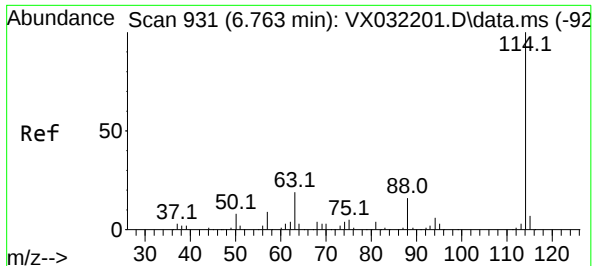
Tgt Ion:168 Resp: 131764
Ion Ratio Lower Upper
168 100
99 56.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 46.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion: 65 Resp: 80046
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.6

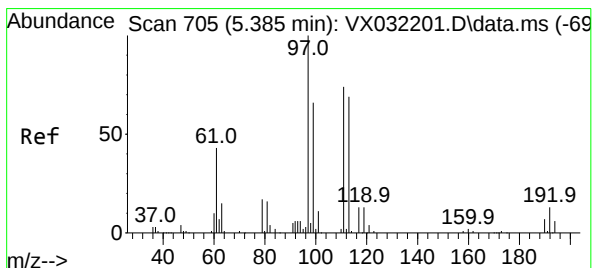
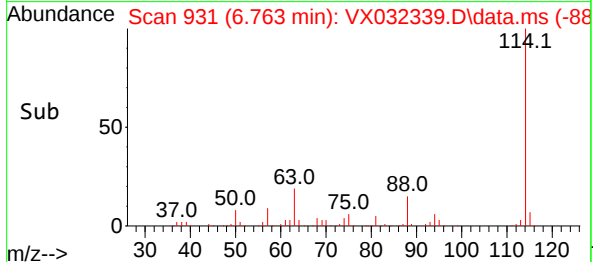
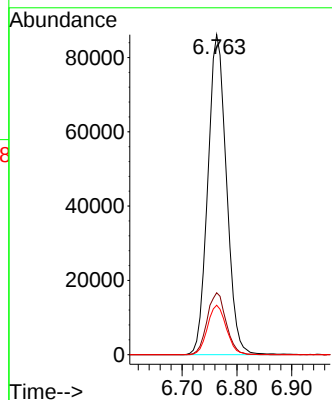
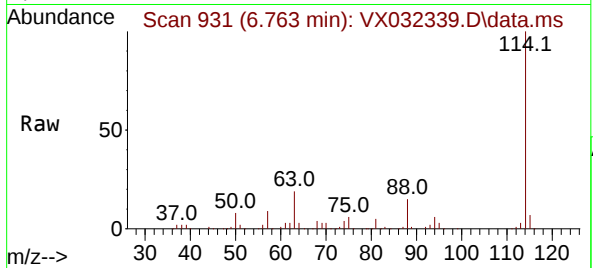




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

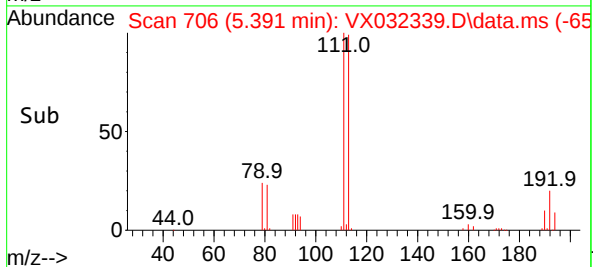
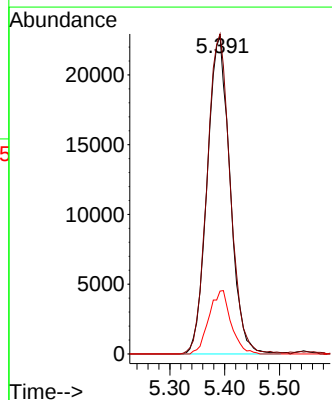
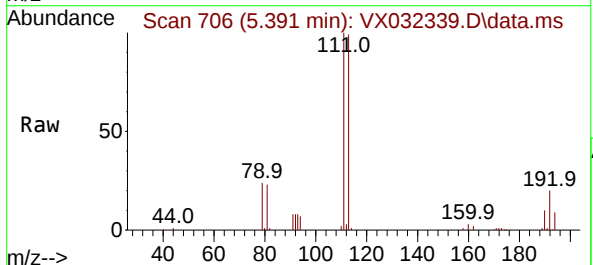
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221018

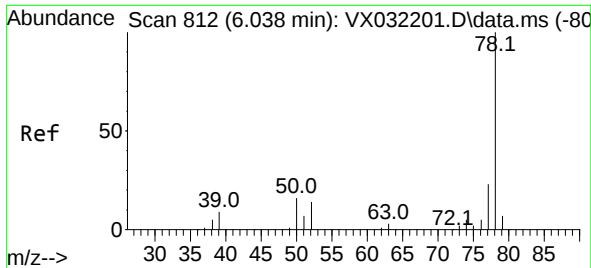
Tgt Ion:114 Resp: 203153
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.453 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion:113 Resp: 65670
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.3 15.5 23.3

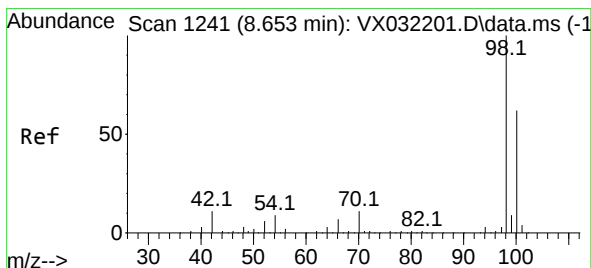
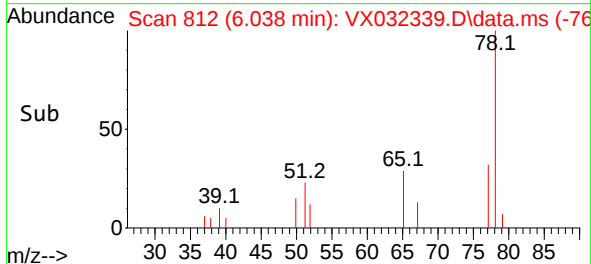
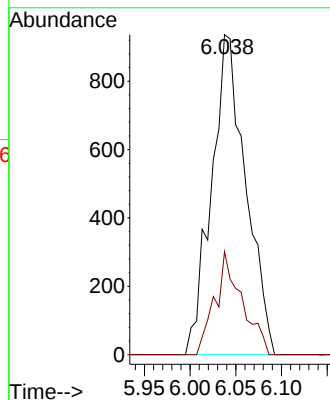
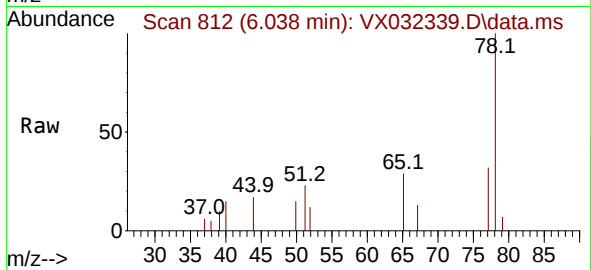




#40
Benzene
Concen: 0.464 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

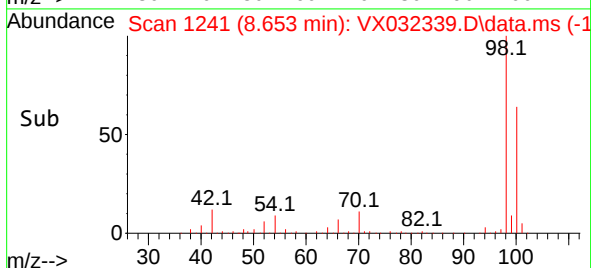
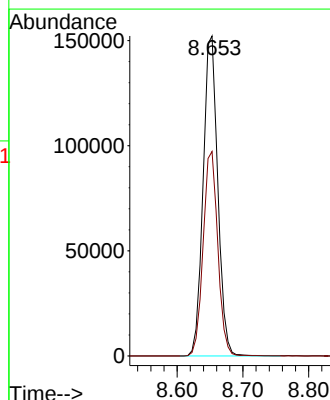
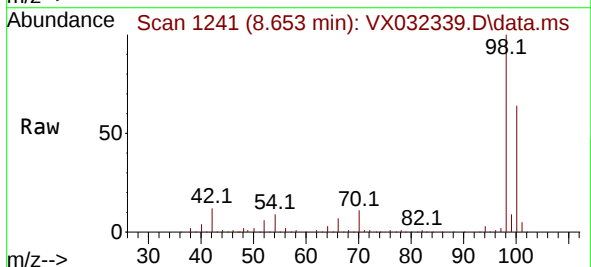
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221018

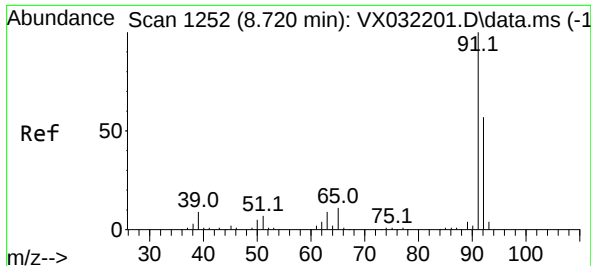
Tgt Ion: 78 Resp: 2443
Ion Ratio Lower Upper
78 100
77 32.3 18.6 27.8#



#50
Toluene-d8
Concen: 46.396 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion: 98 Resp: 236100
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1

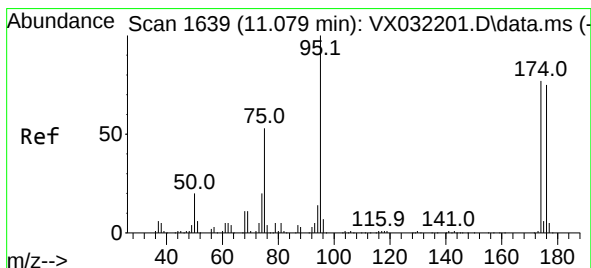
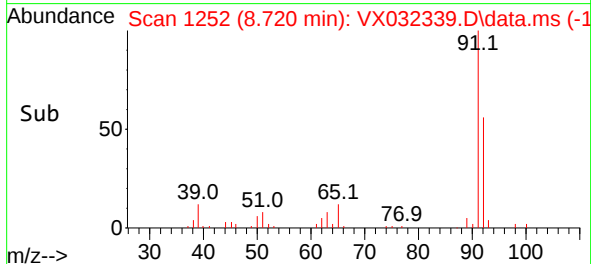
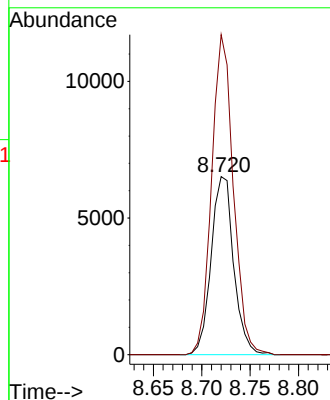
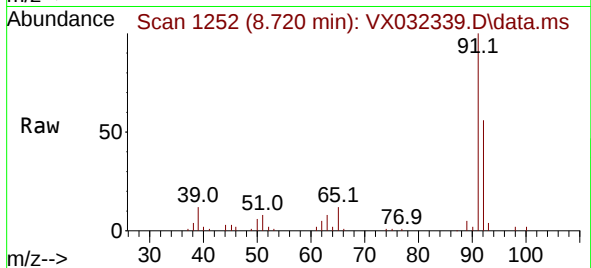




#52
Toluene
Concen: 3.101 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

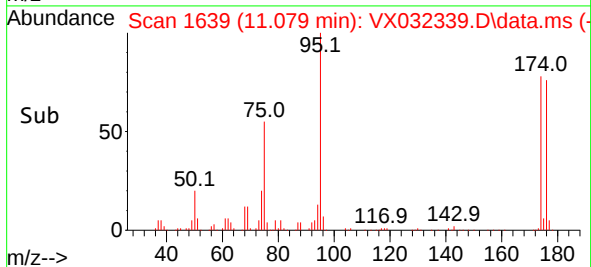
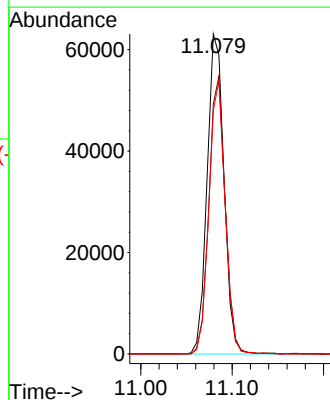
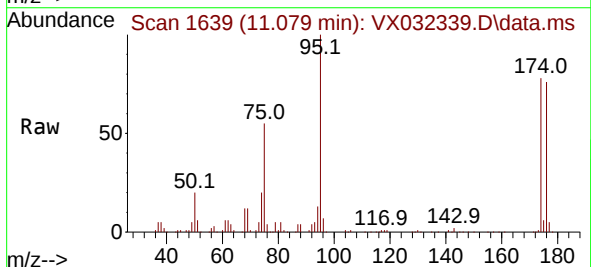
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221018

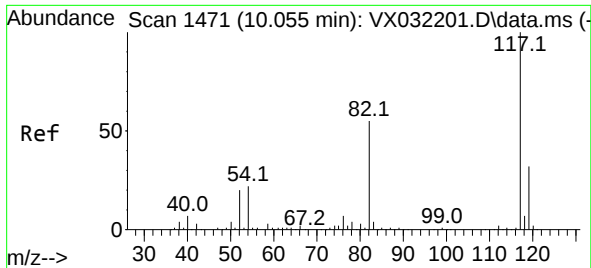
Tgt Ion: 92 Resp: 10587
Ion Ratio Lower Upper
92 100
91 172.8 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 43.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion: 95 Resp: 80844
Ion Ratio Lower Upper
95 100
174 83.8 0.0 166.8
176 82.2 0.0 161.4

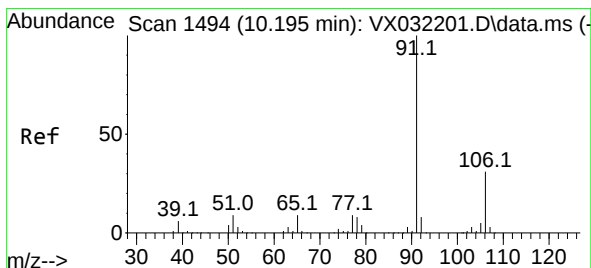
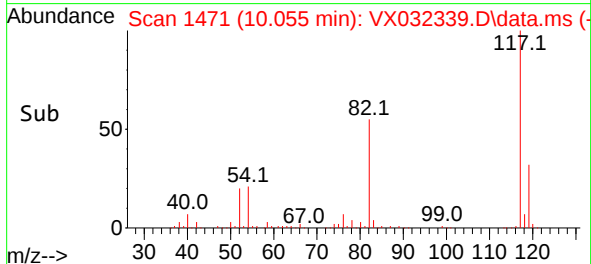
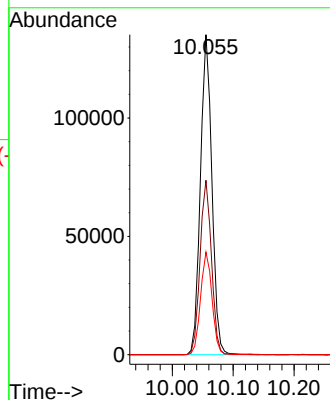
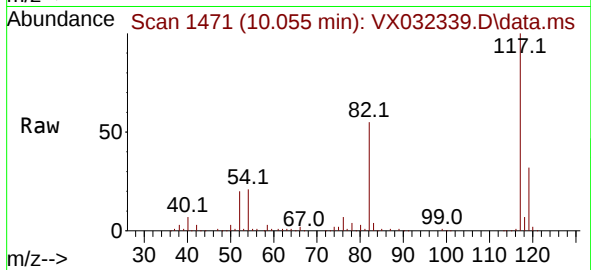




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

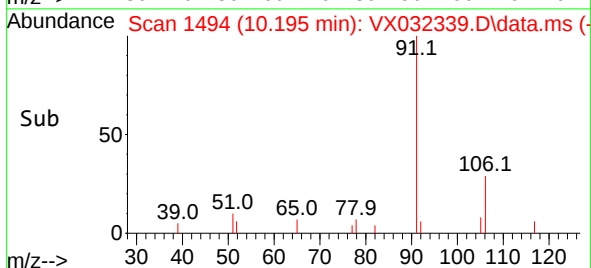
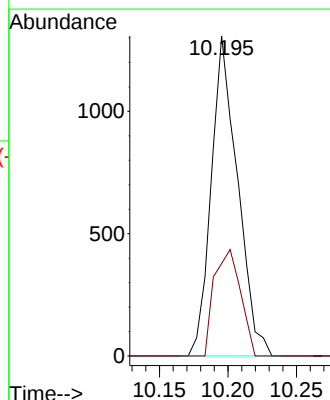
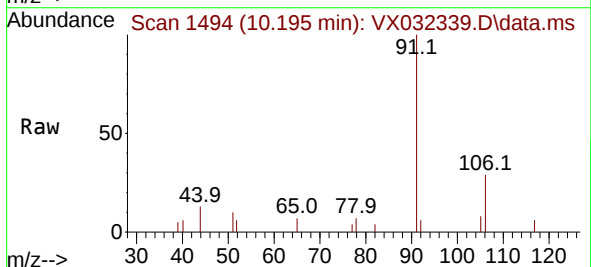
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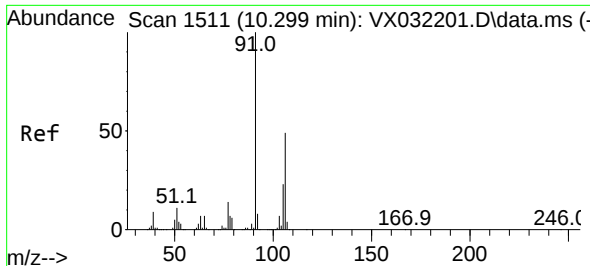
Tgt Ion:117 Resp: 176569
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.4
119 32.0 25.8 38.8



#67
Ethyl Benzene
Concen: 0.273 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion: 91 Resp: 1747
Ion Ratio Lower Upper
91 100
106 28.9 25.0 37.4

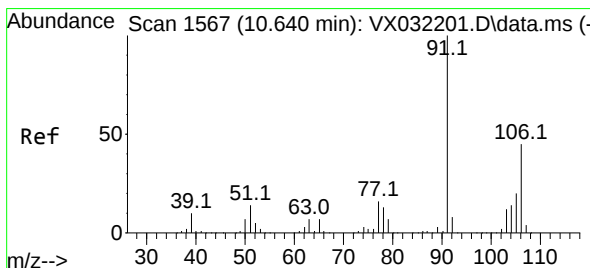
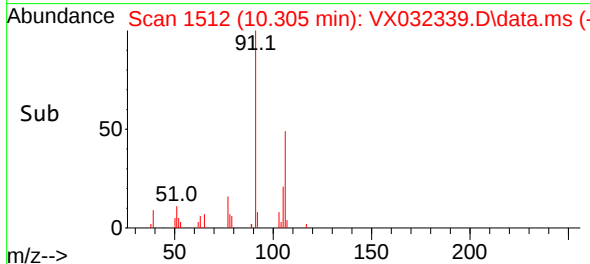
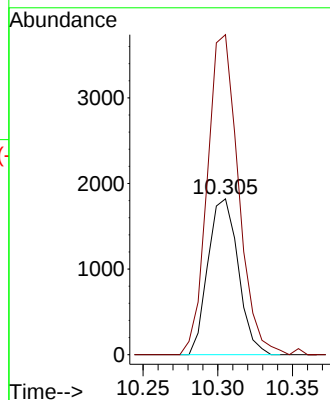
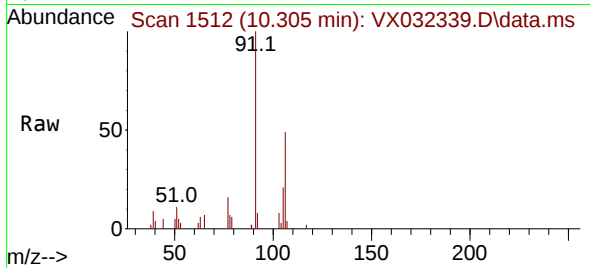




#68
m/p-Xylenes
Concen: 1.013 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

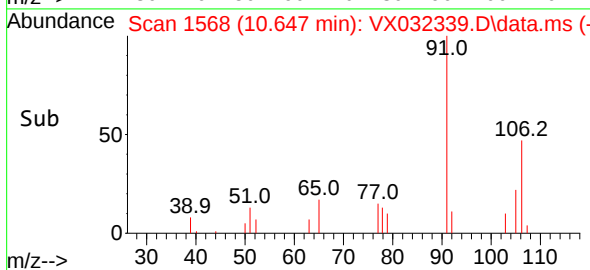
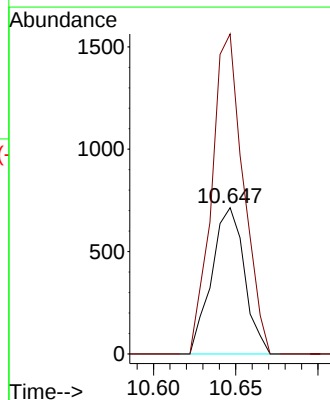
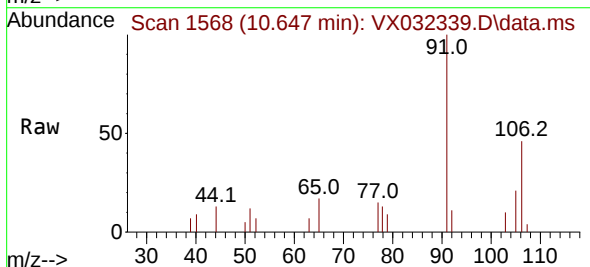
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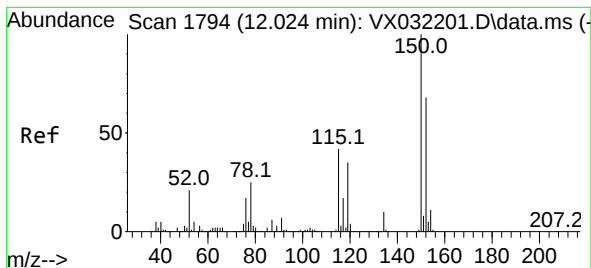
Tgt Ion:106 Resp: 2563
Ion Ratio Lower Upper
106 100
91 211.4 162.6 244.0



#69
o-Xylene
Concen: 0.408 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032339.D
Acq: 24 Oct 2022 14:47

Tgt Ion:106 Resp: 990
Ion Ratio Lower Upper
106 100
91 211.4 108.3 324.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032339.D

Acq: 24 Oct 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-20221018

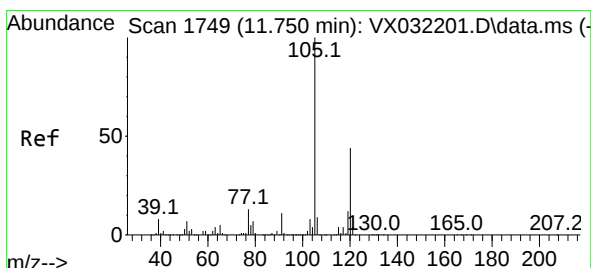
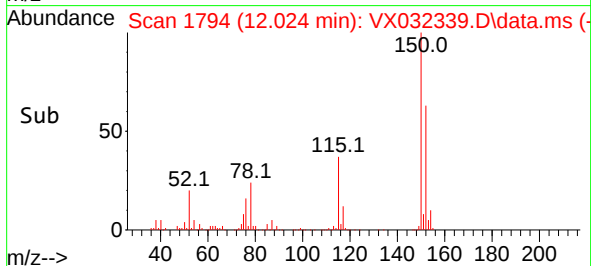
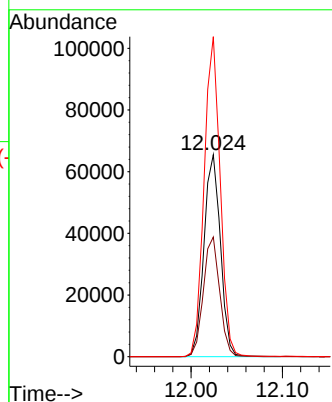
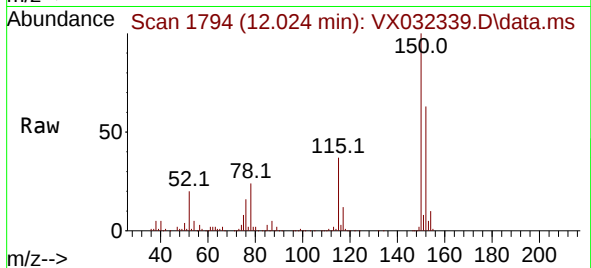
Tgt Ion:152 Resp: 81629

Ion Ratio Lower Upper

152 100

115 59.0 43.1 129.4

150 155.2 0.0 348.6



#84

1,2,4-Trimethylbenzene

Concen: 0.239 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032339.D

Acq: 24 Oct 2022 14:47

Tgt Ion:105 Resp: 1171

Ion Ratio Lower Upper

105 100

120 38.9 22.1 66.1

