

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032372.D
 Acq On : 25 Oct 2022 18:19
 Operator : JC/MD
 Sample : N5249-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-20221019

Quant Time: Oct 27 14:18:21 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)

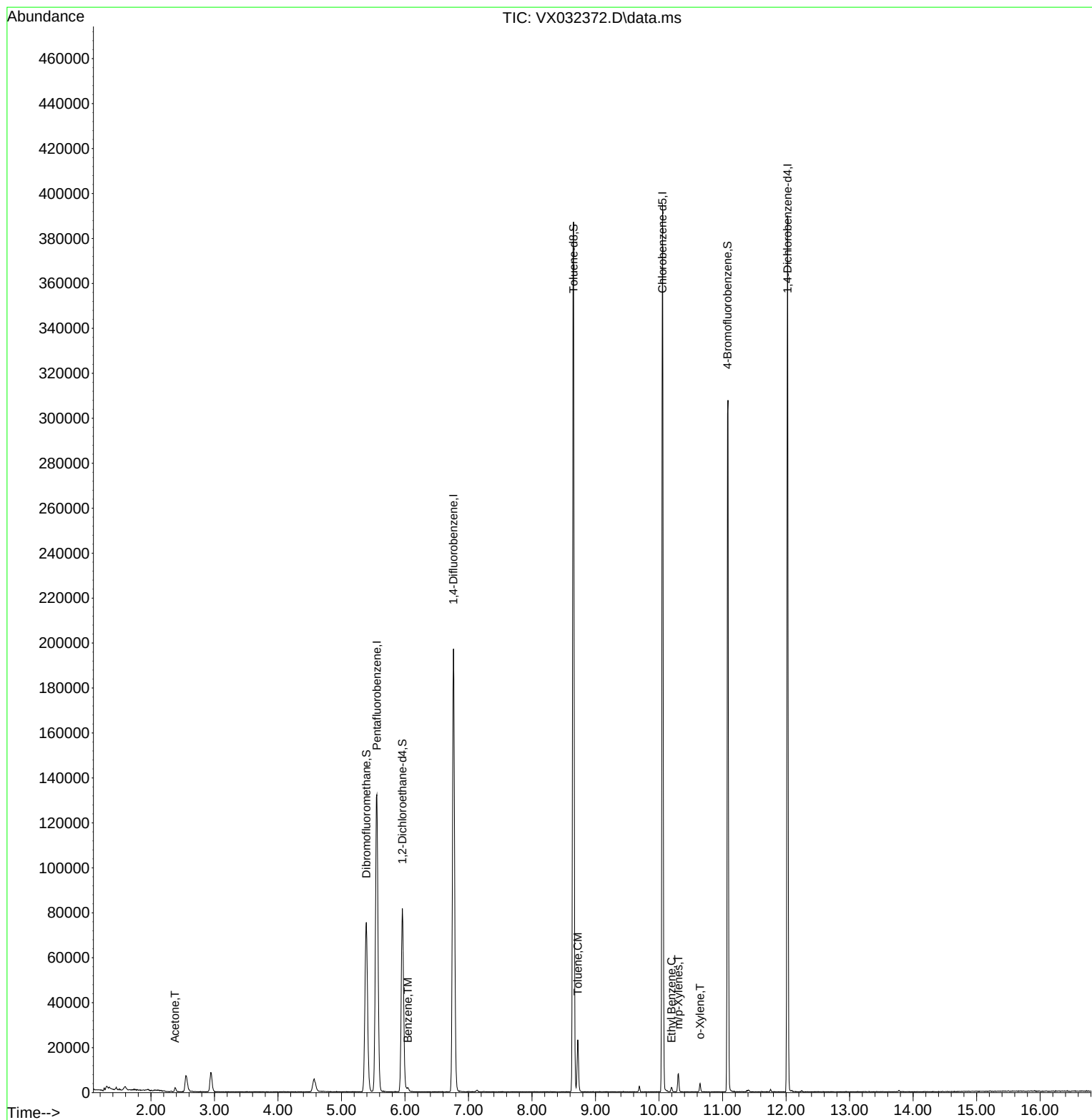
Internal Standards						
1) Pentafluorobenzene	5.556	168	124378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79505	49.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.391	113	63985	46.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.653	98	232543	46.612	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.220%
62) 4-Bromofluorobenzene	11.079	95	77626	42.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.980%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2057	3.917	ug/l	97
40) Benzene	6.043	78	1850	0.358	ug/l	99
52) Toluene	8.720	92	8502	2.540	ug/l	98
67) Ethyl Benzene	10.195	91	1502	0.244	ug/l #	82
68) m/p-Xylenes	10.305	106	2104	0.867	ug/l	97
69) o-Xylene	10.646	106	827	0.356	ug/l	93

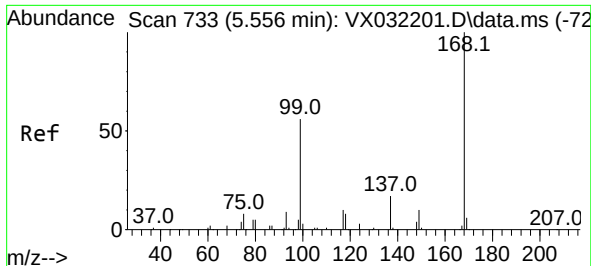
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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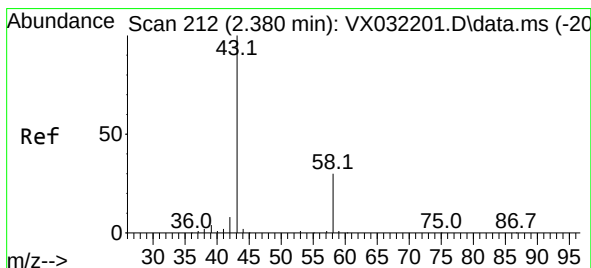
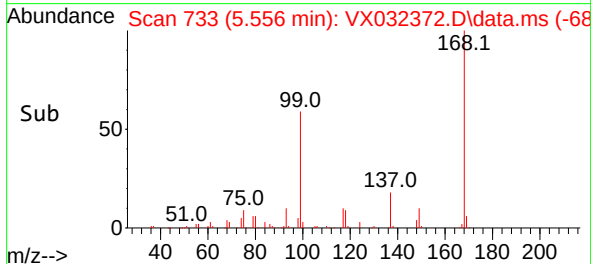
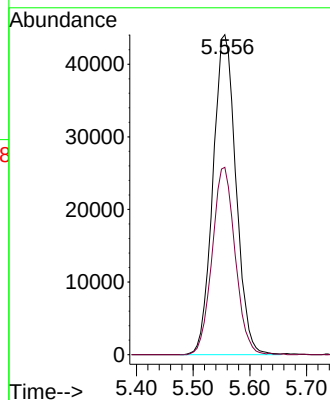
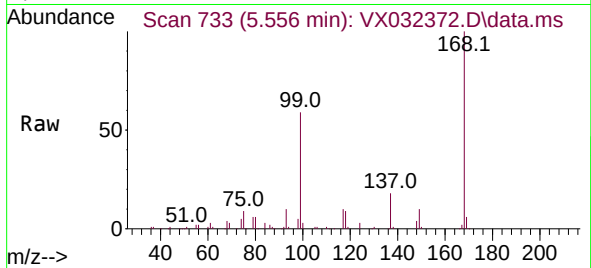




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

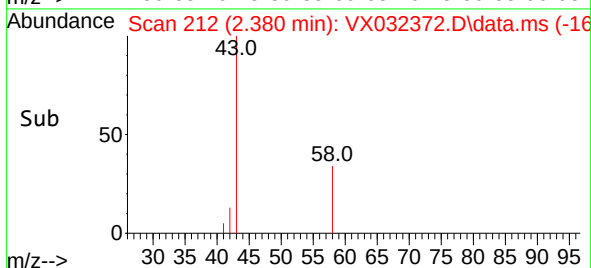
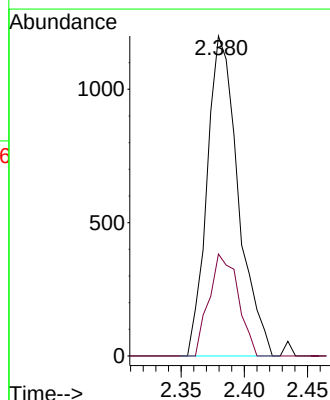
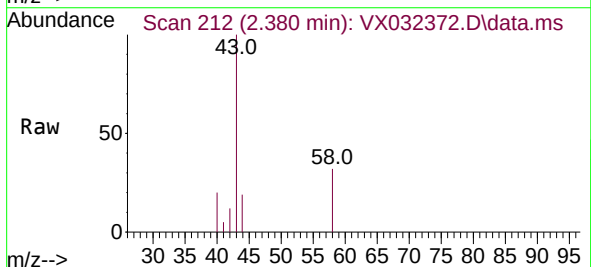
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

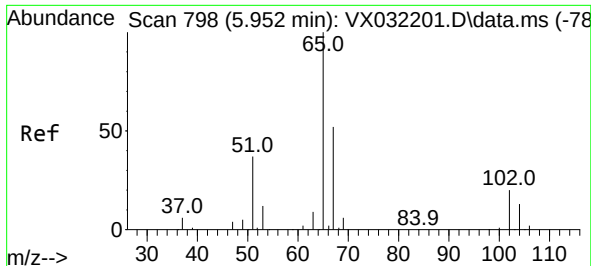
Tgt Ion:168 Resp: 124378
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#16
Acetone
Concen: 3.917 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 49.137 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

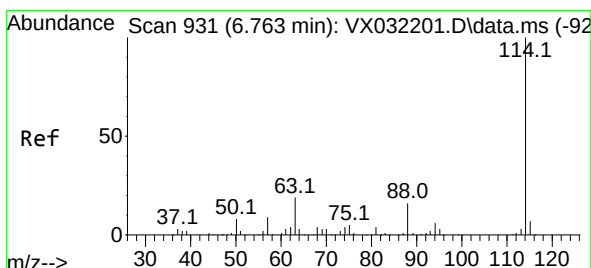
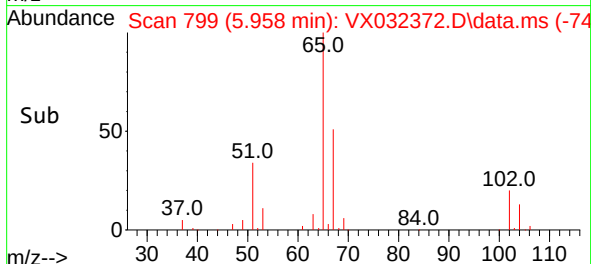
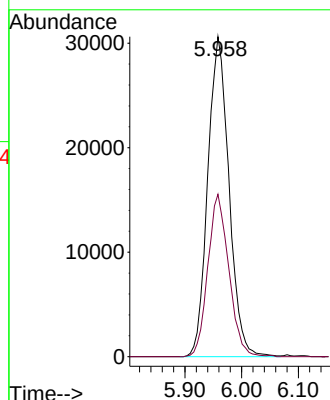
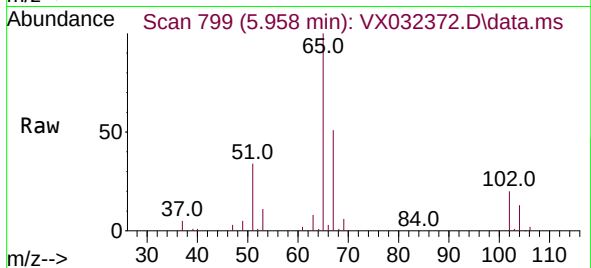
FSND-RB-20221019

Tgt Ion: 65 Resp: 79505

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

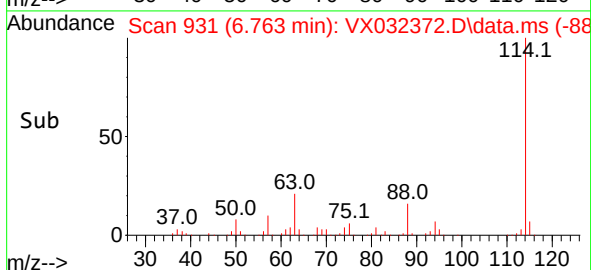
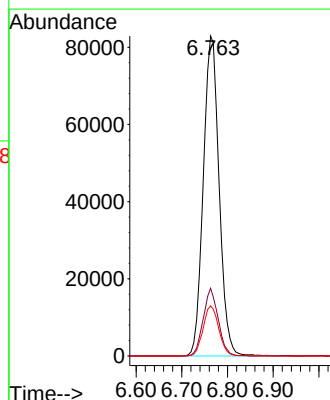
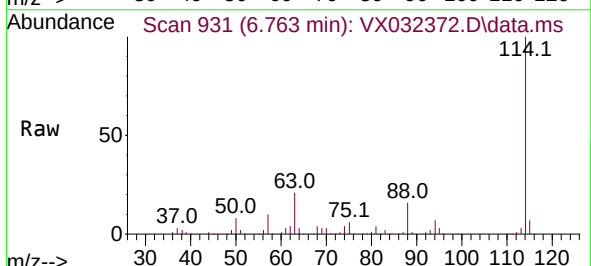
Tgt Ion: 114 Resp: 199164

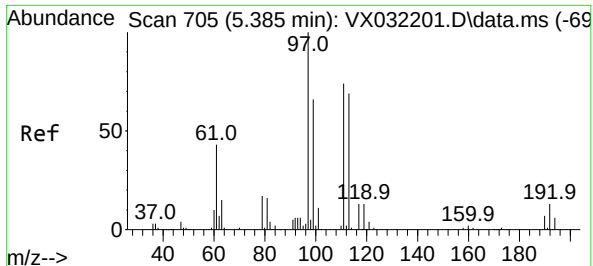
Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.6

88 15.6 0.0 32.6

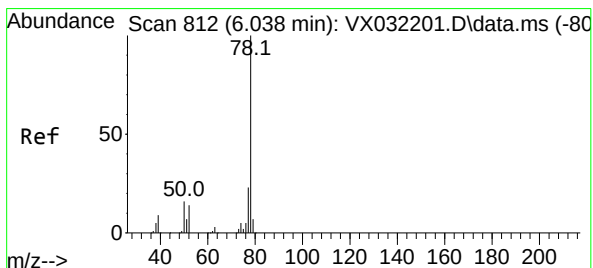
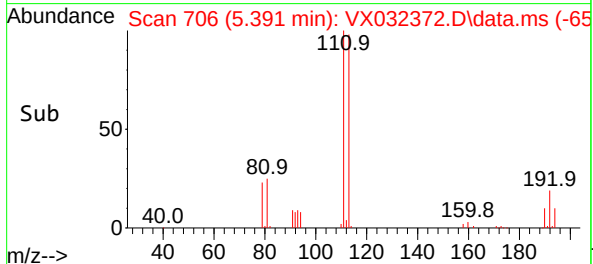
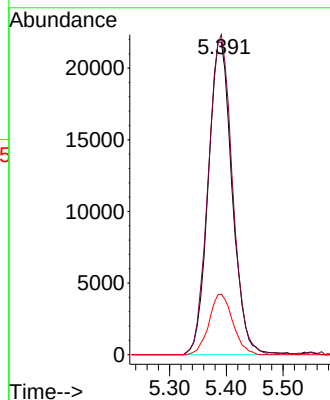
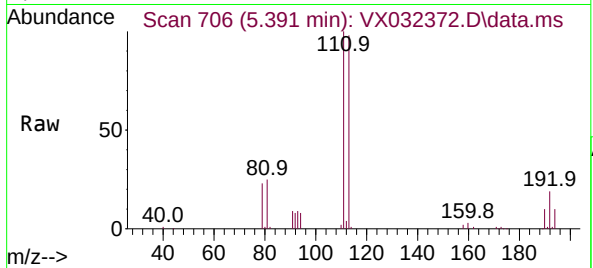




#35
Dibromofluoromethane
Concen: 46.168 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

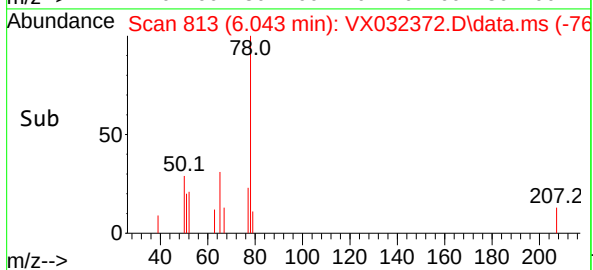
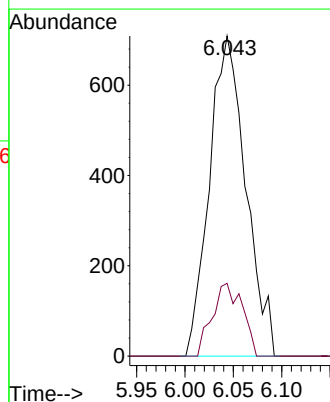
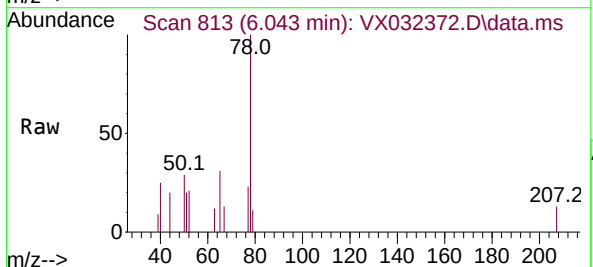
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

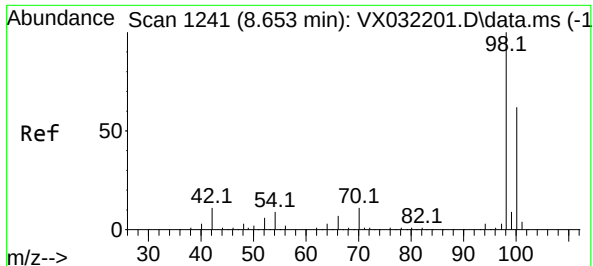
Tgt Ion:113 Resp: 63985
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.2 15.5 23.3



#40
Benzene
Concen: 0.358 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 78 Resp: 1850
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8





#50

Toluene-d8

Concen: 46.612 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032372.D

Acq: 25 Oct 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

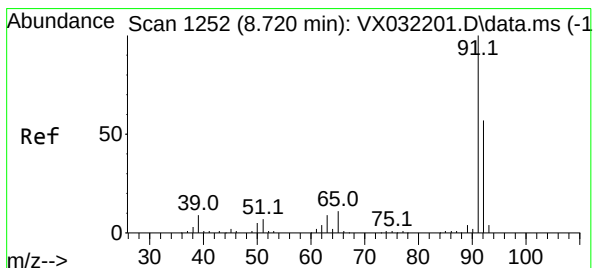
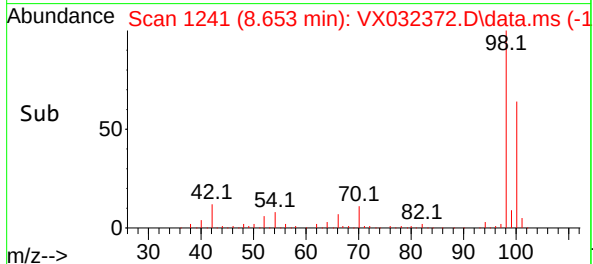
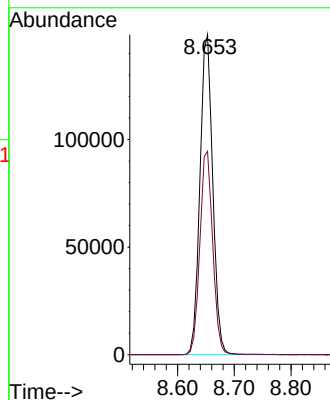
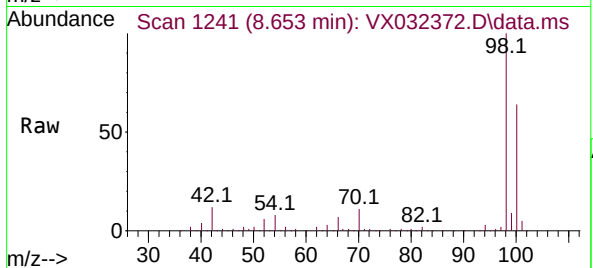
FSND-RB-20221019

Tgt Ion: 98 Resp: 232543

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#52

Toluene

Concen: 2.540 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032372.D

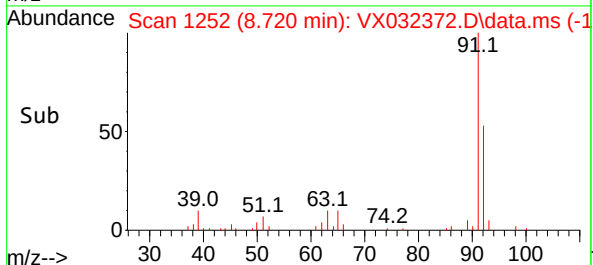
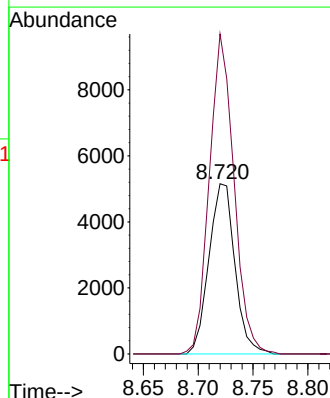
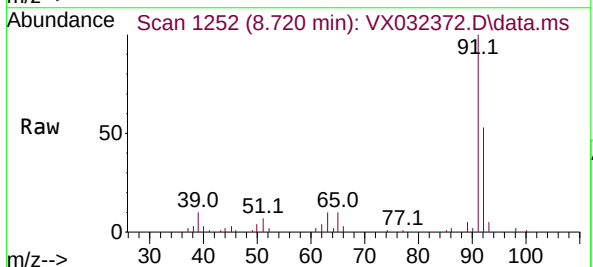
Acq: 25 Oct 2022 18:19

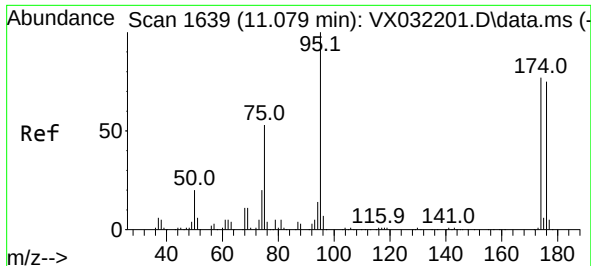
Tgt Ion: 92 Resp: 8502

Ion Ratio Lower Upper

92 100

91 178.1 140.3 210.5

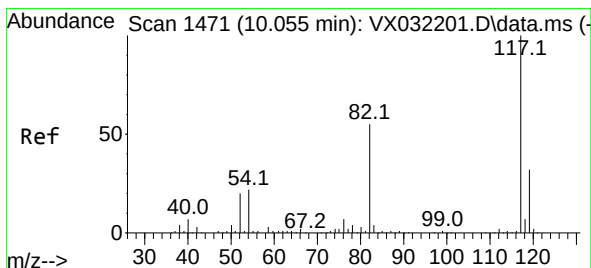
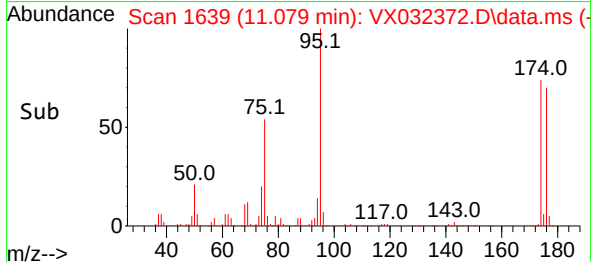
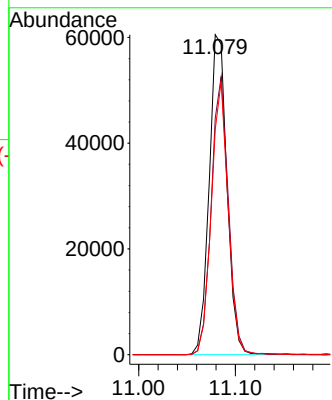
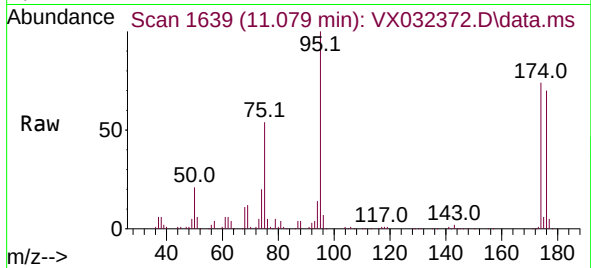




#62
4-Bromofluorobenzene
Concen: 42.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

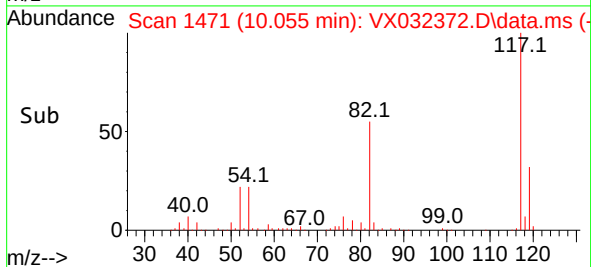
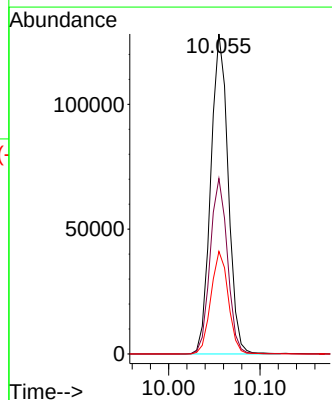
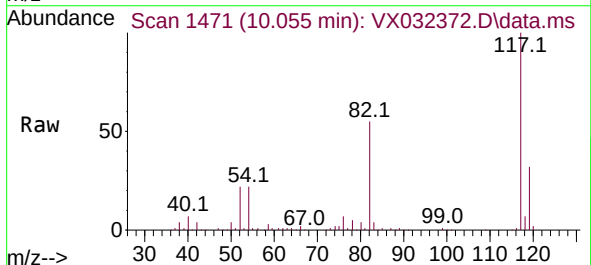
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

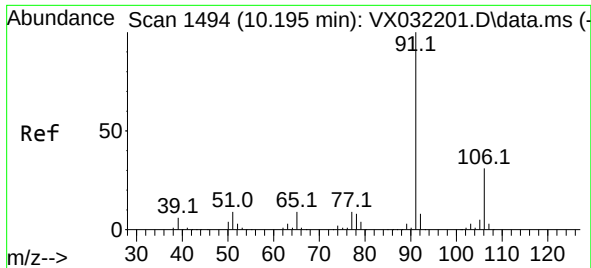
Tgt Ion: 95 Resp: 77626
Ion Ratio Lower Upper
95 100
174 83.5 0.0 166.8
176 80.5 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 117 Resp: 169303
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.1 25.8 38.8

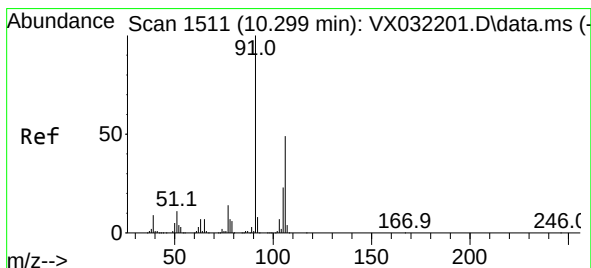
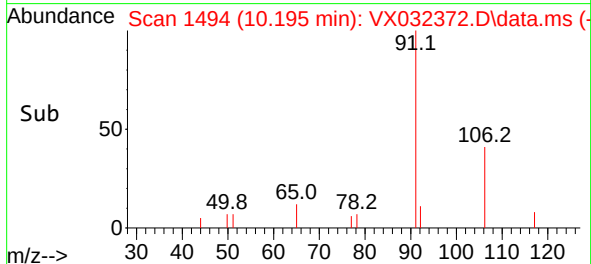
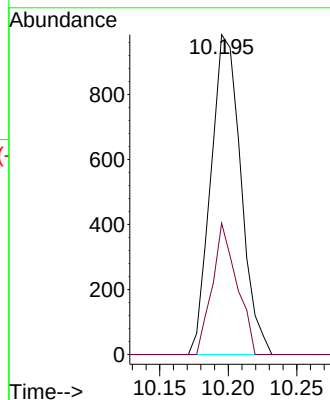
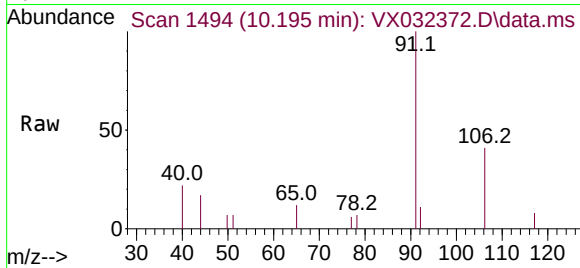




#67
Ethyl Benzene
Concen: 0.244 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

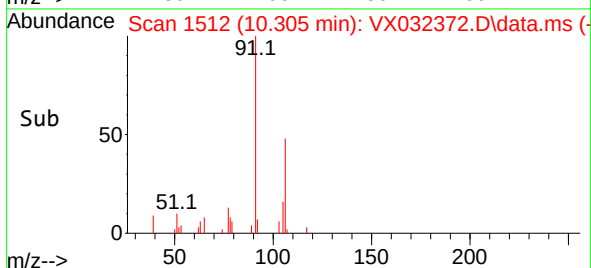
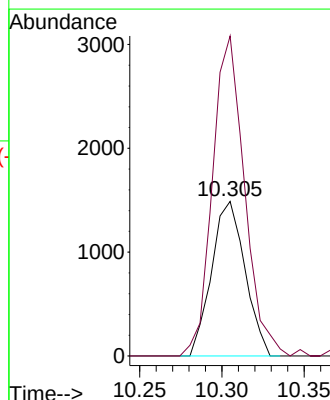
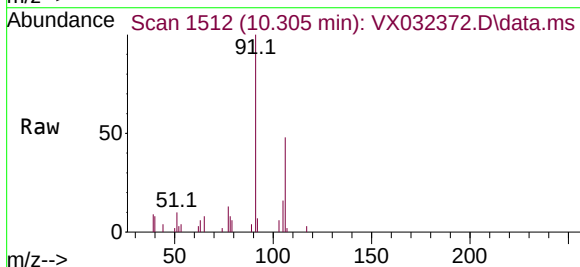
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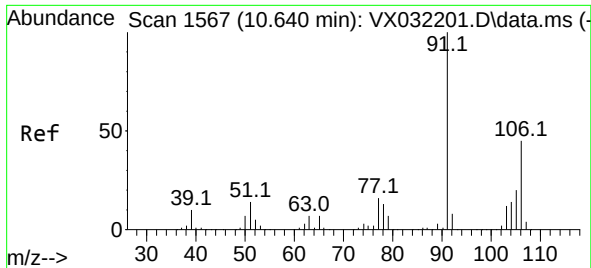
Tgt Ion: 91 Resp: 1502
Ion Ratio Lower Upper
91 100
106 41.1 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.867 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion: 106 Resp: 2104
Ion Ratio Lower Upper
106 100
91 199.3 162.6 244.0

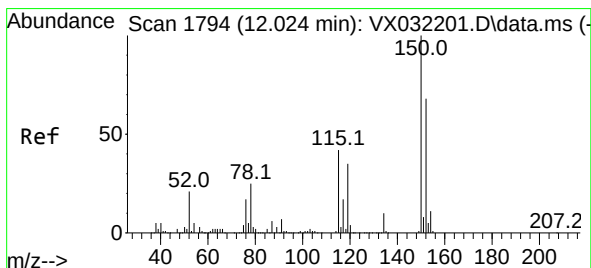
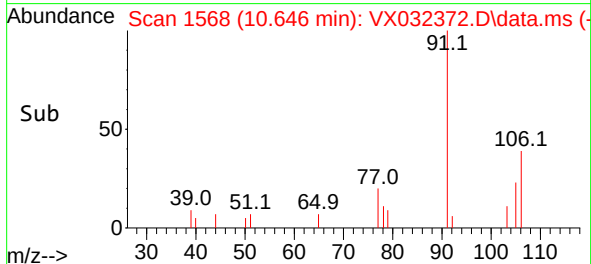
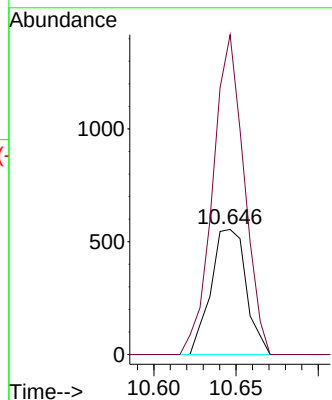
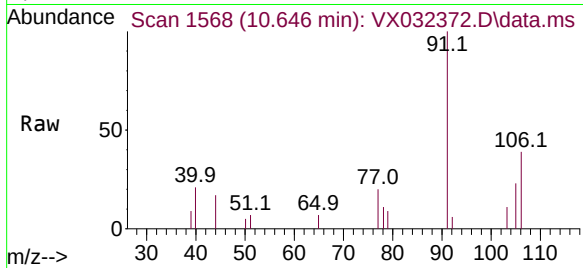




#69
o-Xylene
Concen: 0.356 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-20221019

Tgt Ion:106 Resp: 827
Ion Ratio Lower Upper
106 100
91 227.0 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032372.D
Acq: 25 Oct 2022 18:19

Tgt Ion:152 Resp: 77249
Ion Ratio Lower Upper
152 100
115 59.1 43.1 129.4
150 157.4 0.0 348.6

