

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038751.D
 Acq On : 11 Nov 2023 02:05
 Operator : JC/MD
 Sample : 05241-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-4-20231102

Quant Time: Nov 11 05:06:53 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)

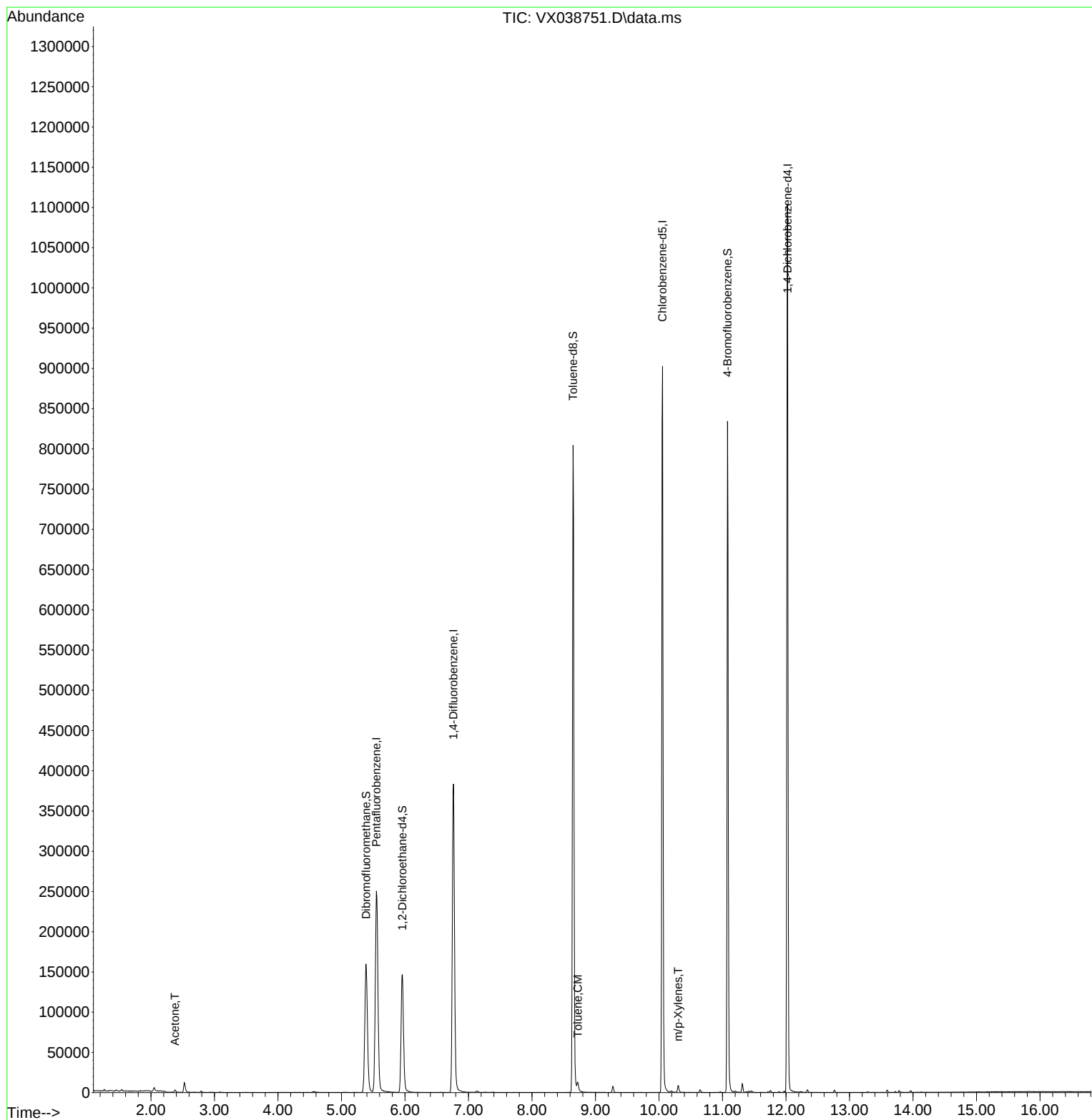
Internal Standards						
1) Pentafluorobenzene	5.550	168	263098	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	433249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148933	45.469	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.940%		
35) Dibromofluoromethane	5.385	113	142505	45.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.647	98	513345	45.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.940%#		
62) 4-Bromofluorobenzene	11.079	95	223381	51.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.200%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3230	2.341	ug/l	# 86
52) Toluene	8.720	92	3830	0.524	ug/l	87
68) m/p-Xylenes	10.299	106	2301	0.367	ug/l	93

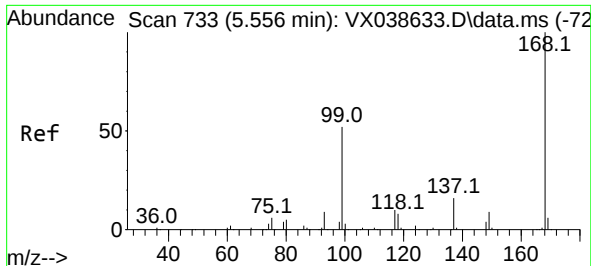
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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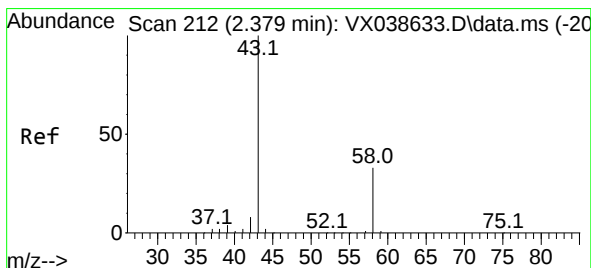
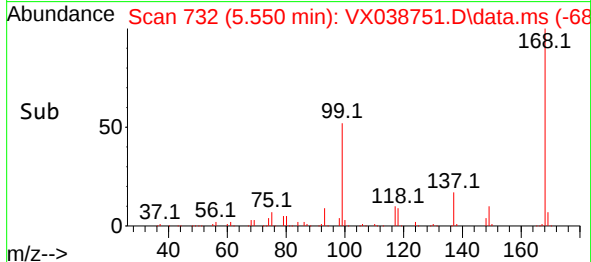
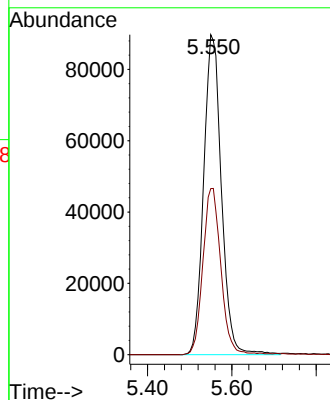
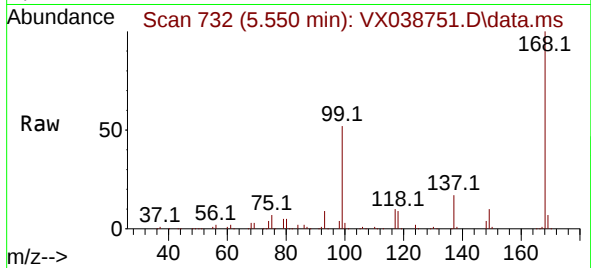




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

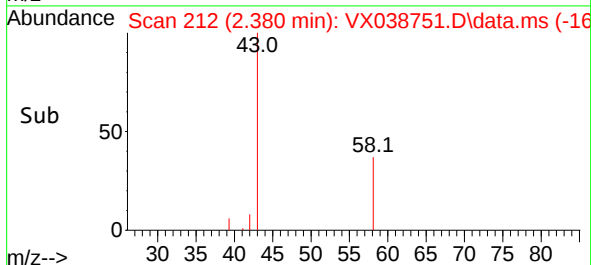
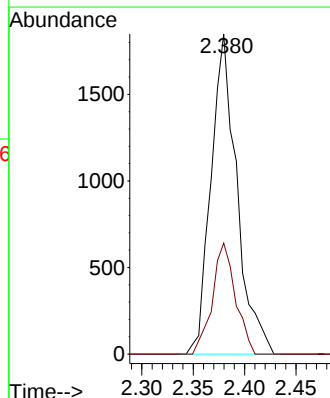
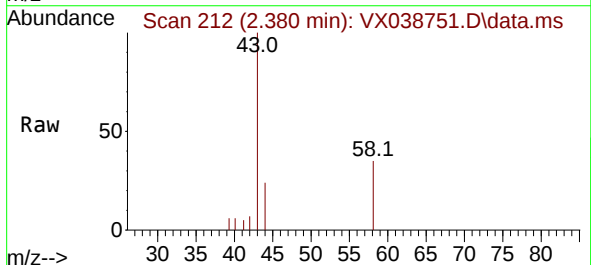
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

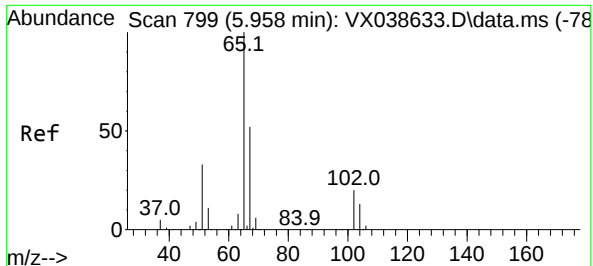
Tgt Ion:168 Resp: 263098
Ion Ratio Lower Upper
168 100
99 51.9 56.6 85.0#



#16
Acetone
Concen: 2.341 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.469 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

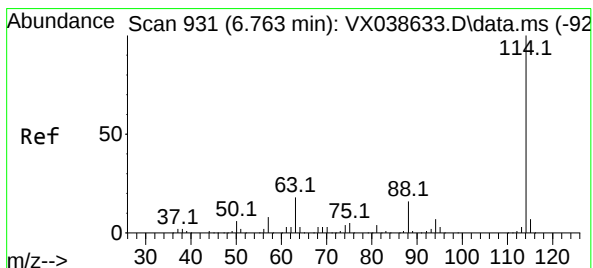
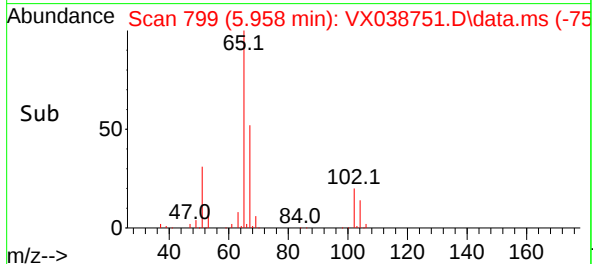
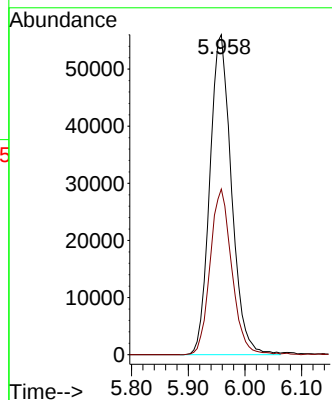
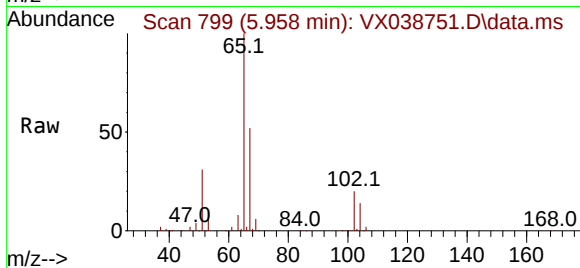
FSND-RB-4-20231102

Tgt Ion: 65 Resp: 148933

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

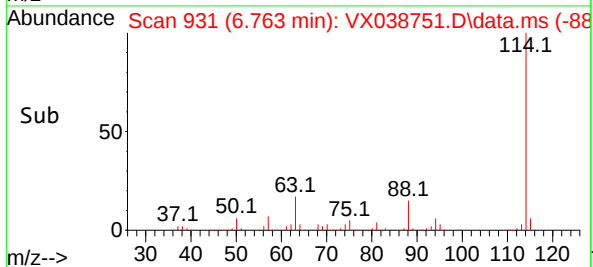
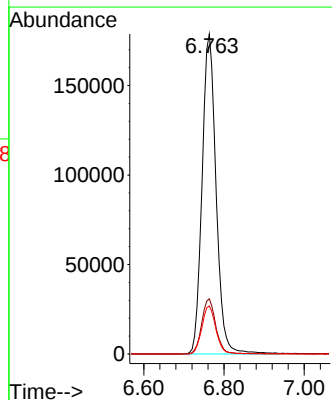
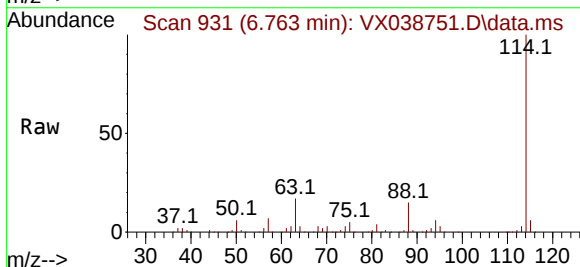
Tgt Ion: 114 Resp: 433249

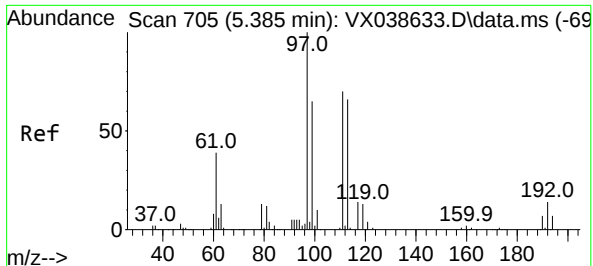
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.669 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-4-20231102

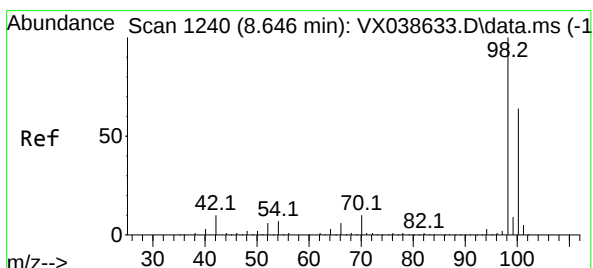
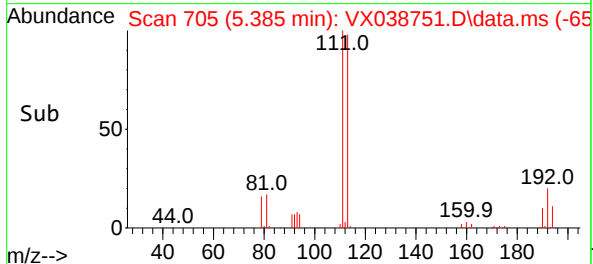
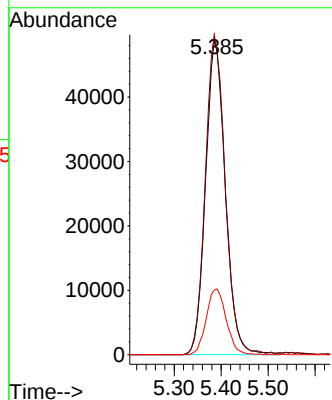
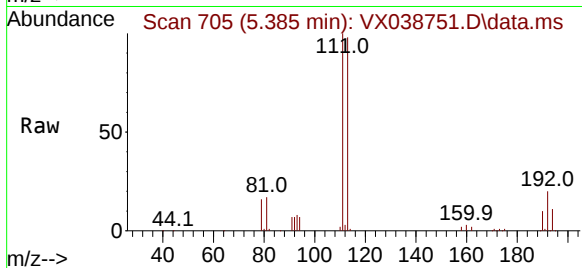
Tgt Ion:113 Resp: 142505

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 21.1 13.3 19.9#



#50

Toluene-d8

Concen: 45.974 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038751.D

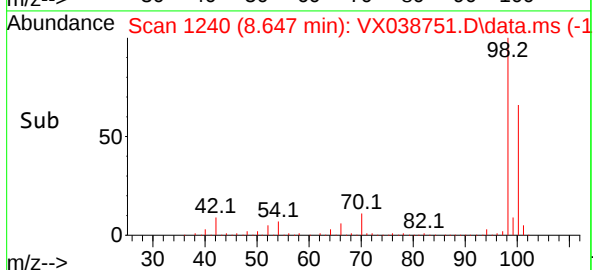
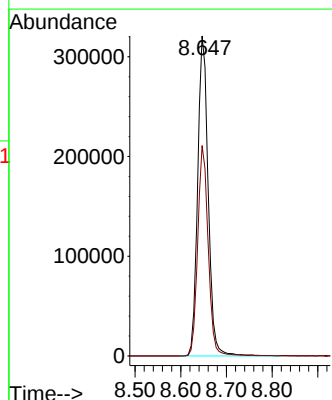
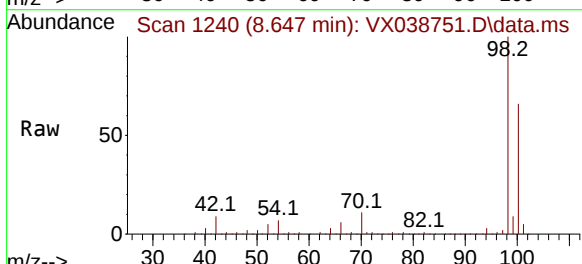
Acq: 11 Nov 2023 02:05

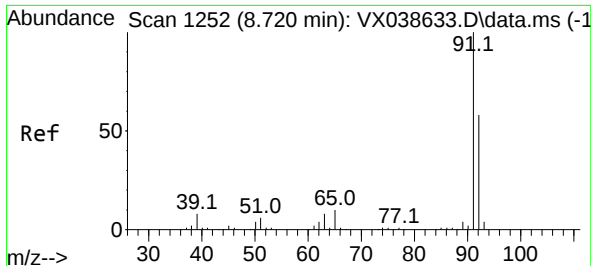
Tgt Ion: 98 Resp: 513345

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

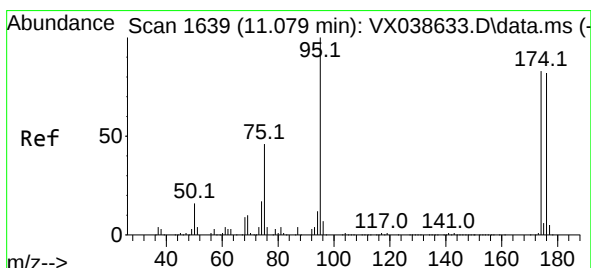
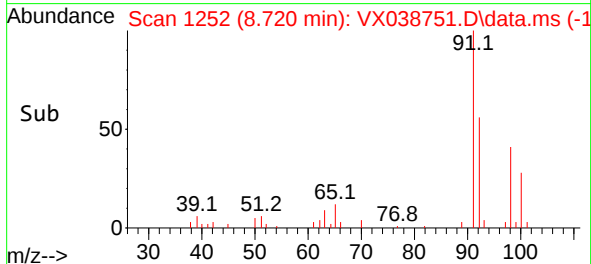
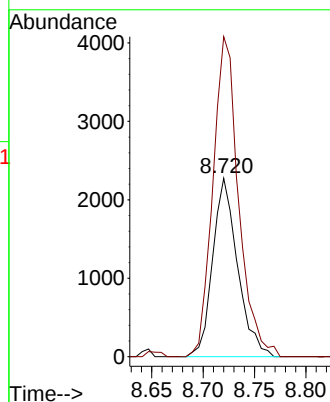
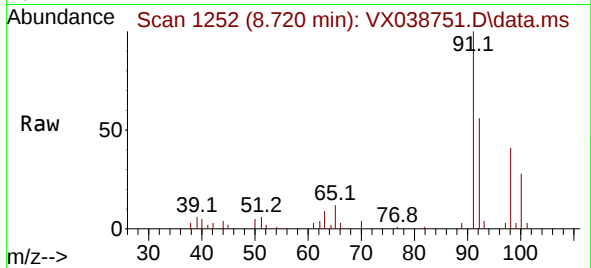




#52
Toluene
Concen: 0.524 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

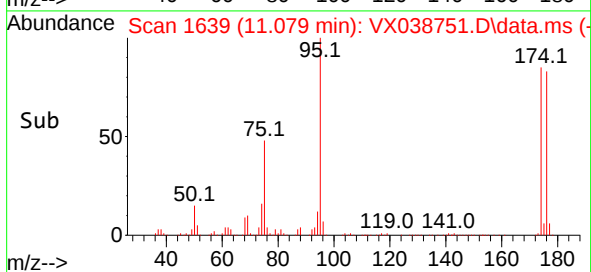
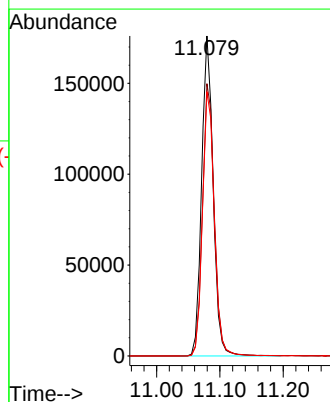
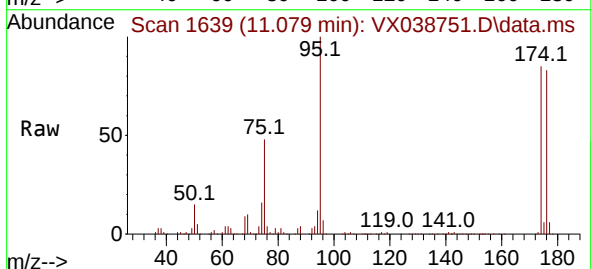
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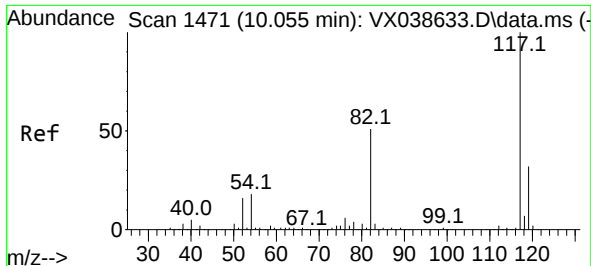
Tgt Ion: 92 Resp: 3830
Ion Ratio Lower Upper
92 100
91 185.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion: 95 Resp: 223381
Ion Ratio Lower Upper
95 100
174 87.4 0.0 135.6
176 84.5 0.0 131.0

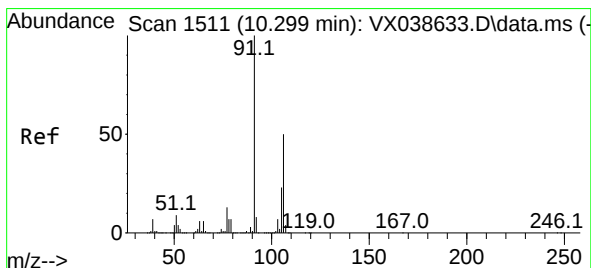
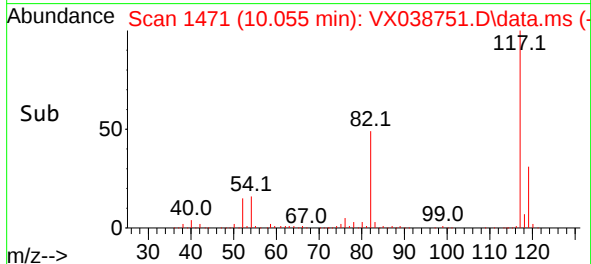
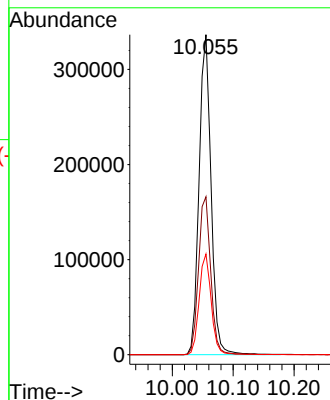
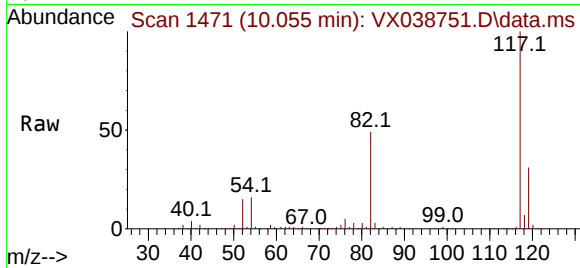




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

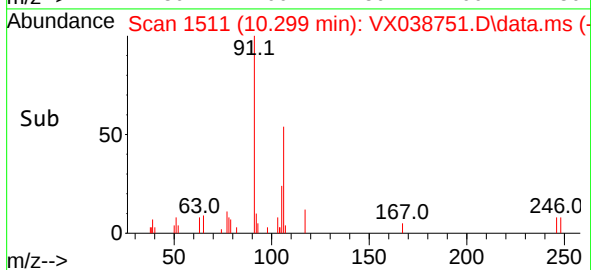
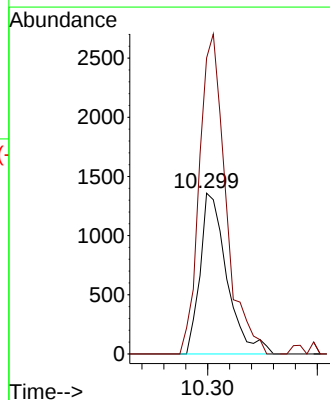
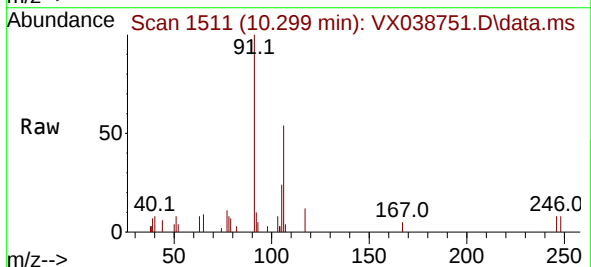
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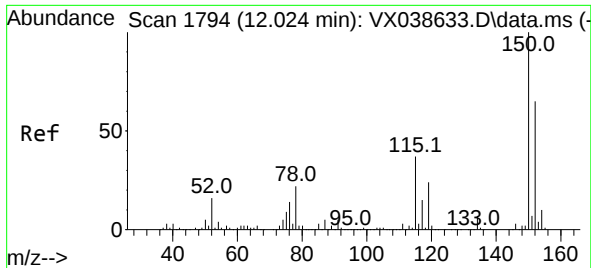
Tgt Ion:117 Resp: 458168
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.367 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion:106 Resp: 2301
Ion Ratio Lower Upper
106 100
91 196.4 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038751.D

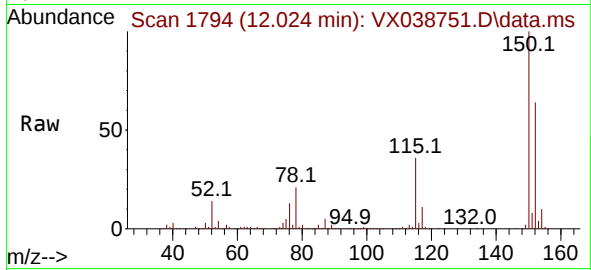
Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-4-20231102



Tgt Ion:152 Resp: 264610

Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 155.9 0.0 345.0

