

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038683.D
 Acq On : 09 Nov 2023 16:14
 Operator : JC/MD
 Sample : 05241-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 10 03:41:18 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	266472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151483	45.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.320%
35) Dibromofluoromethane	5.391	113	143575	45.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.647	98	517408	46.181	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.360%
62) 4-Bromofluorobenzene	11.079	95	217904	50.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.320%

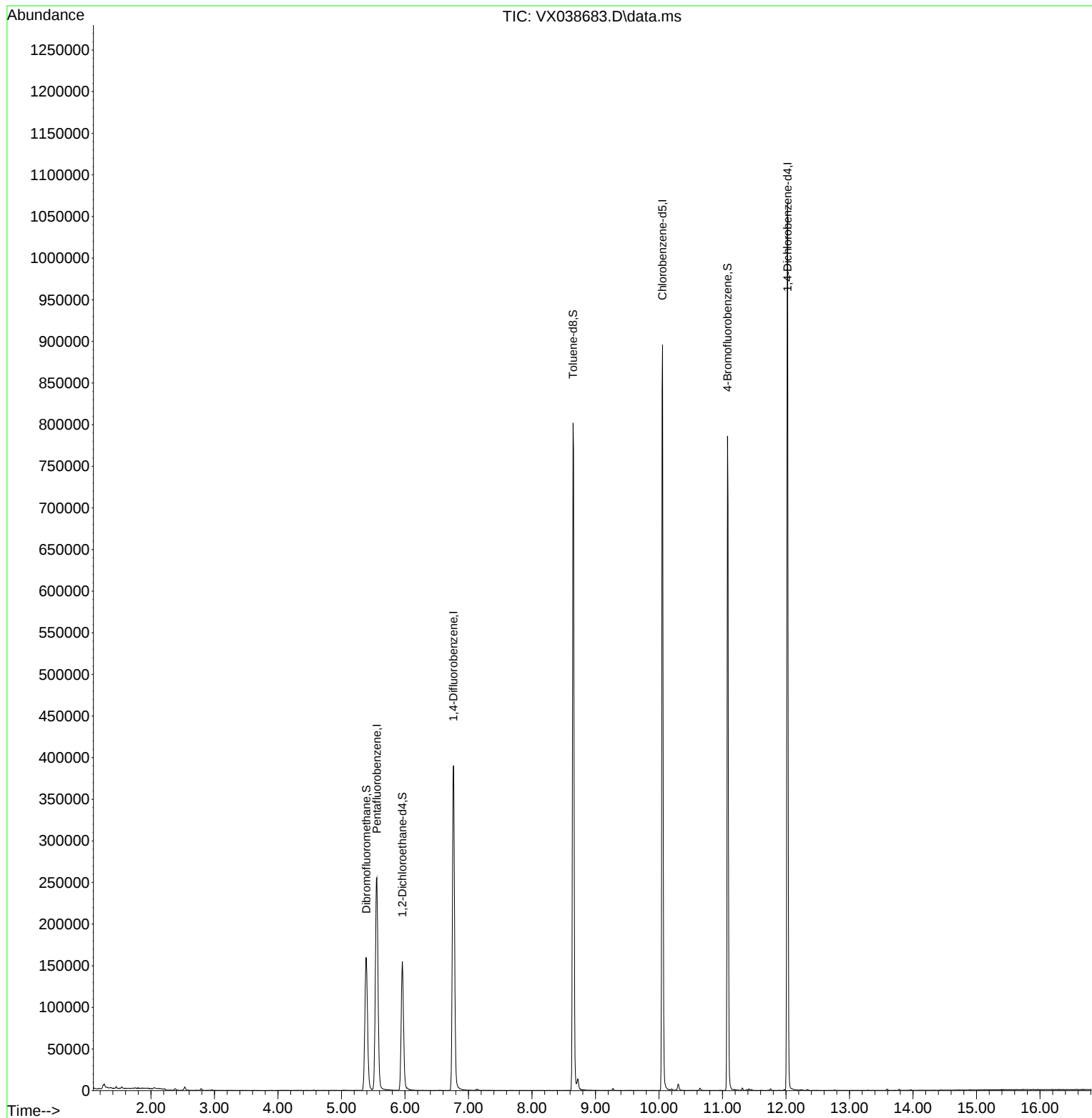
Target Compounds	Qvalue

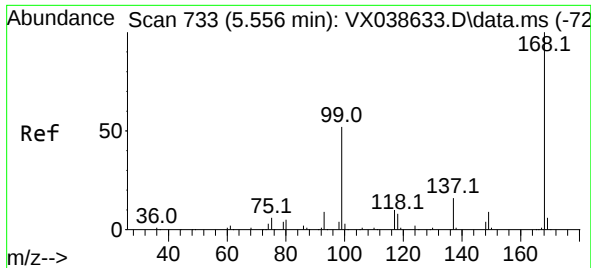
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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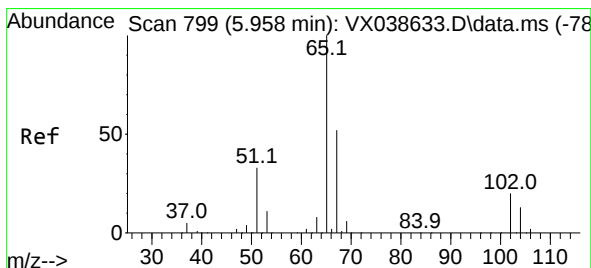
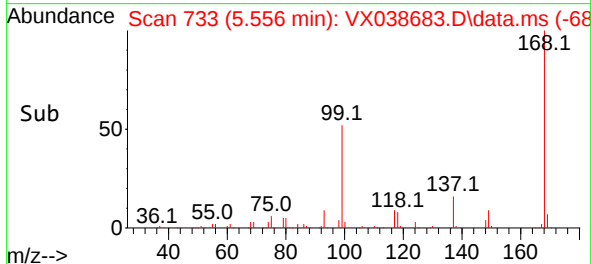
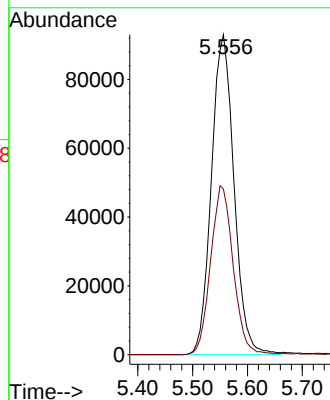
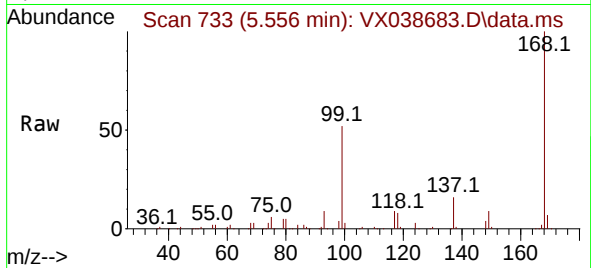




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038633.D
Acq: 09 Nov 2023 16:14

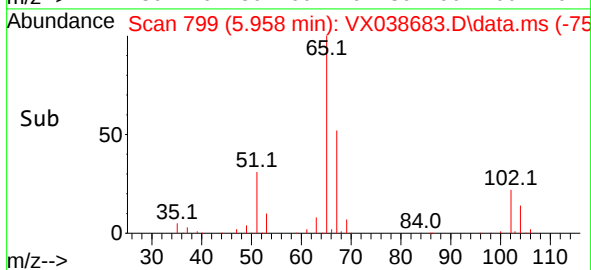
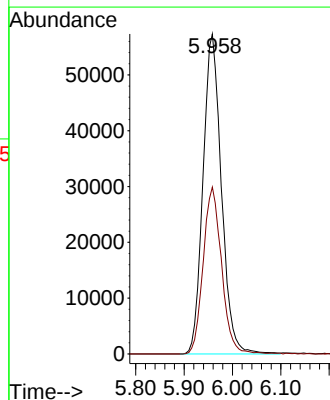
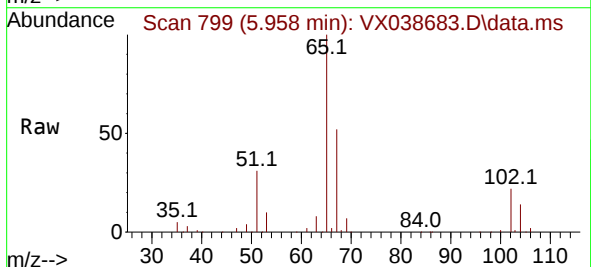
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

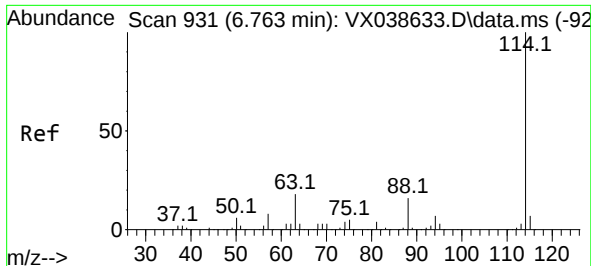
Tgt Ion:168 Resp: 266472
Ion Ratio Lower Upper
168 100
99 51.7 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 45.662 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038633.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 65 Resp: 151483
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

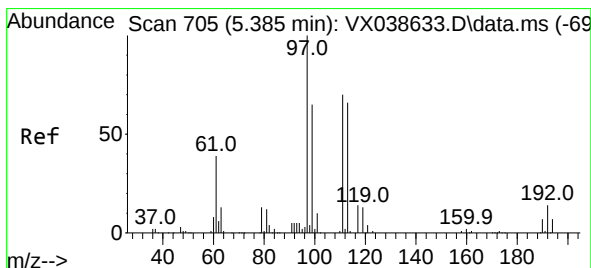
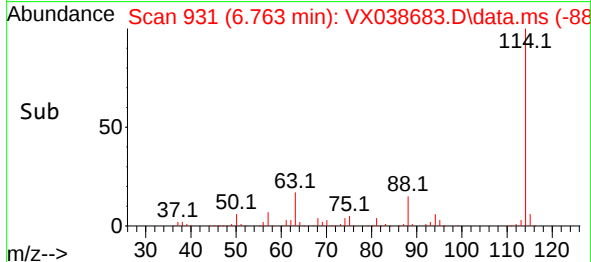
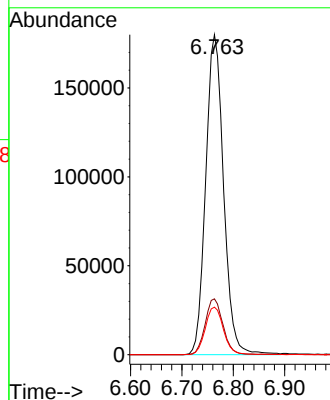
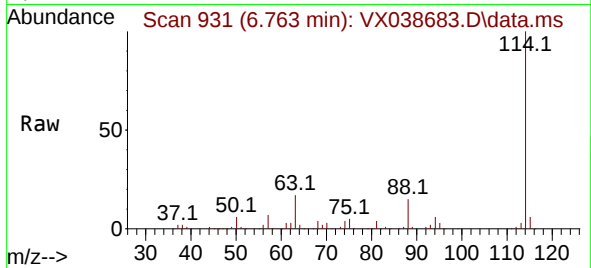




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

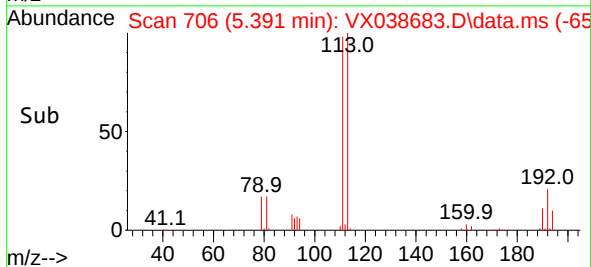
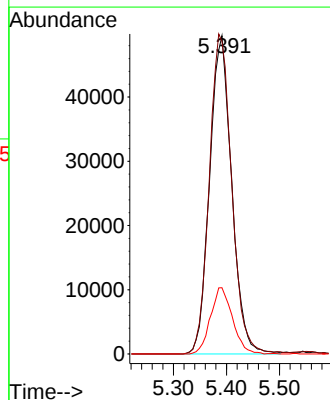
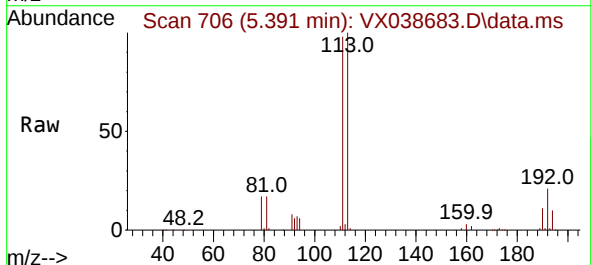
Instrument :
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ClientSampleId :
FSND-RB-4-20231102

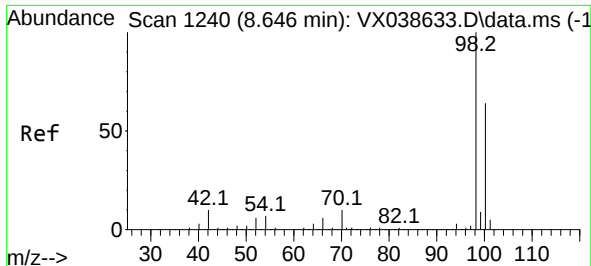
Tgt Ion:114 Resp: 434718
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.856 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion:113 Resp: 143575
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 20.7 13.3 19.9#

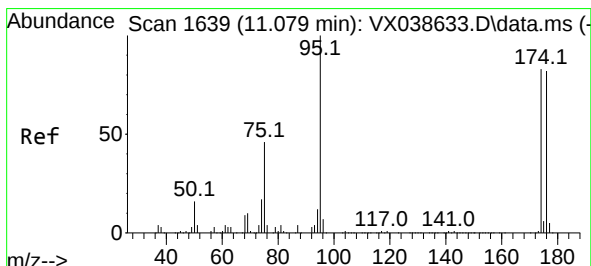
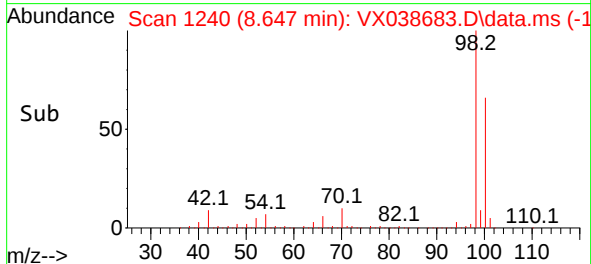
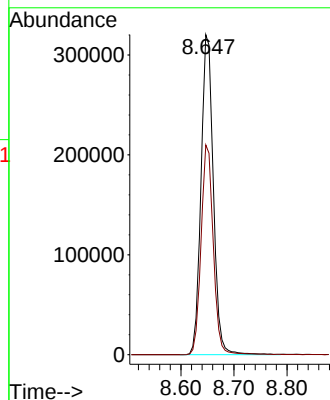
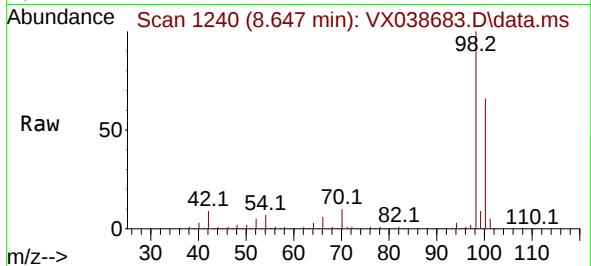




#50
Toluene-d8
Concen: 46.181 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

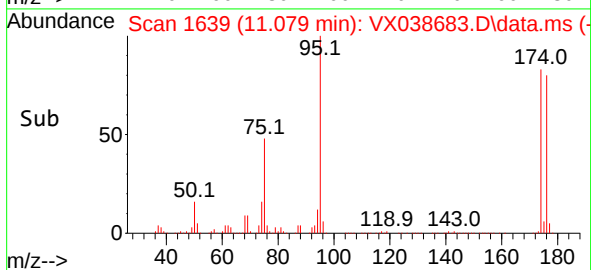
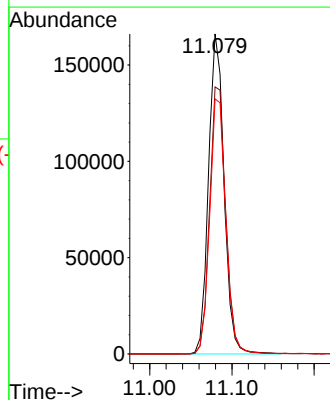
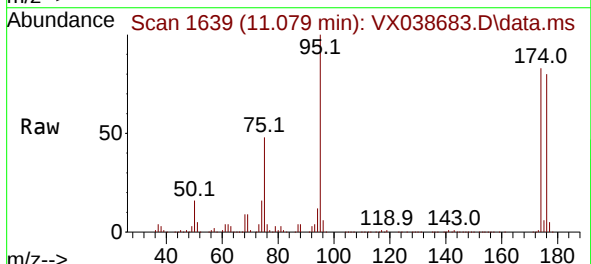
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

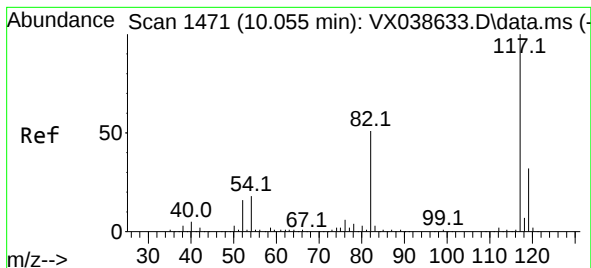
Tgt Ion: 98 Resp: 517408
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038683.D
Acq: 09 Nov 2023 16:14

Tgt Ion: 95 Resp: 217904
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 82.9 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: VX038683.D

Acq: 09 Nov 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-4-20231102

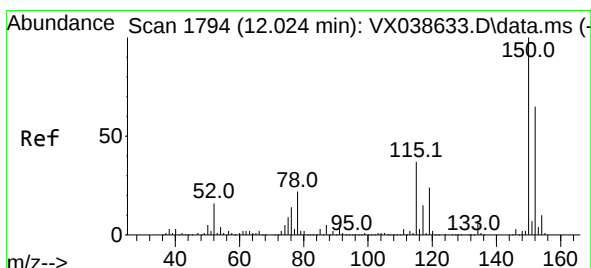
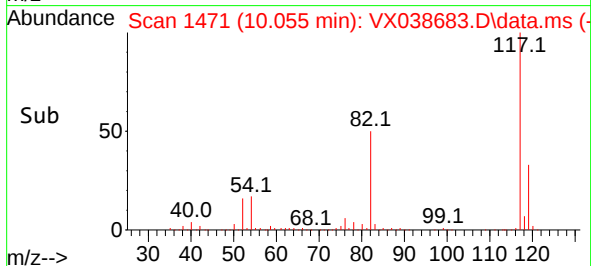
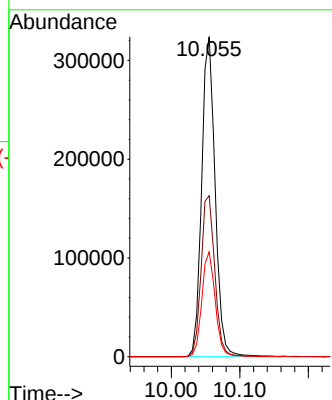
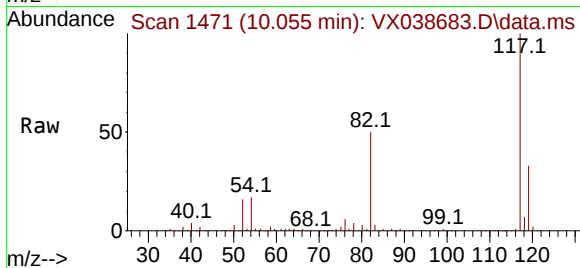
Tgt Ion:117 Resp: 443562

Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038683.D

Acq: 09 Nov 2023 16:14

Tgt Ion:152 Resp: 252694

Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.9

150 156.7 0.0 345.0

