

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014896.D
 Acq On : 10 Feb 2020 18:23
 Operator : JC/SP
 Sample : L1456-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FM-5213

Quant Time: Feb 11 07:29:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	695569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	666063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	253360	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.49	113	211012	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	8.71	98	826562	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	321523	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

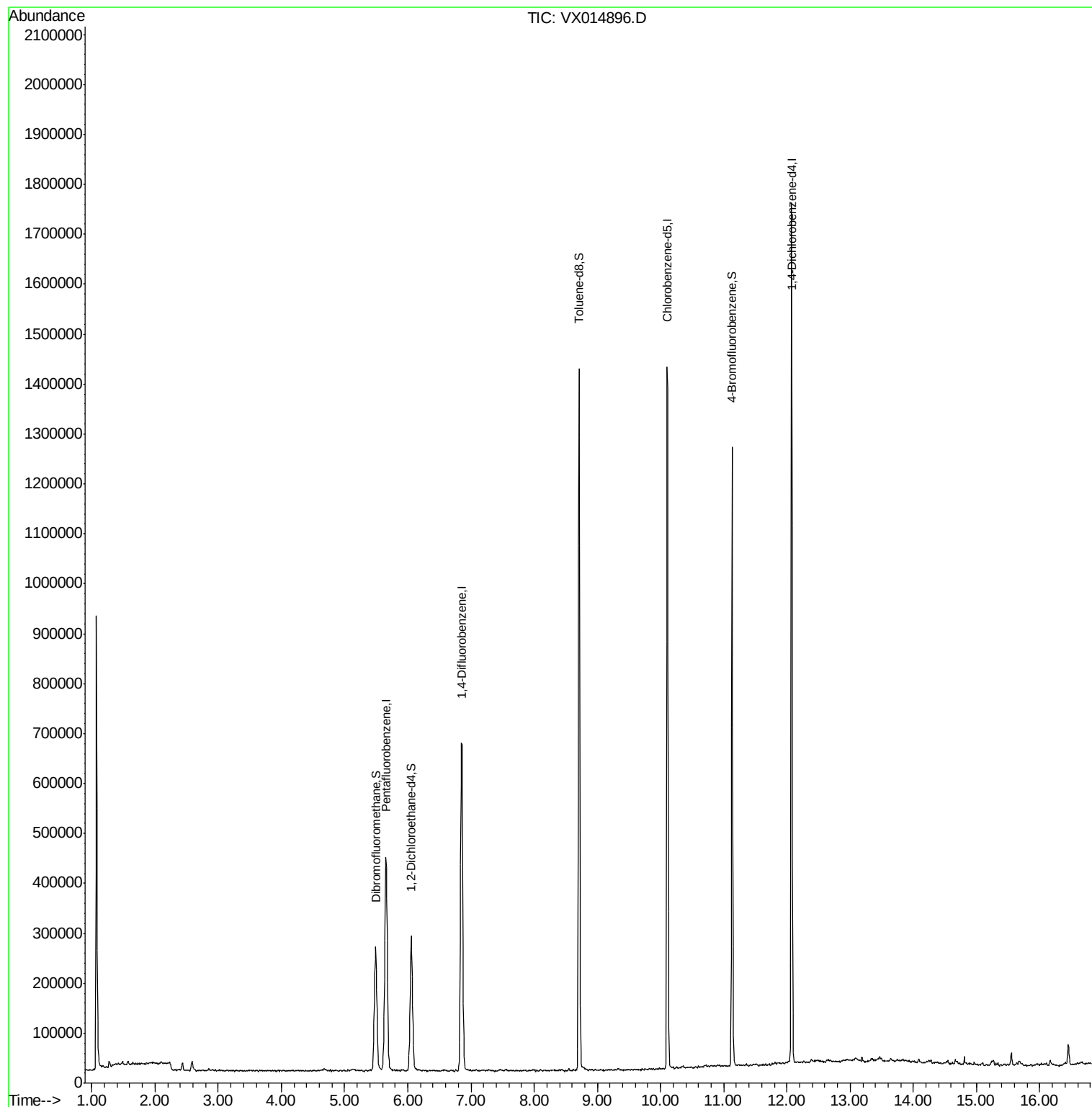
Target Compounds	Qvalue

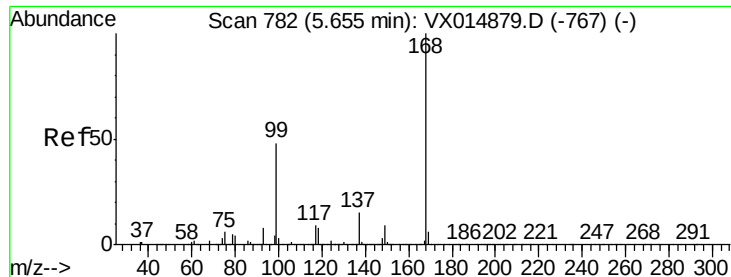
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014896.D

Acq: 10 Feb 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

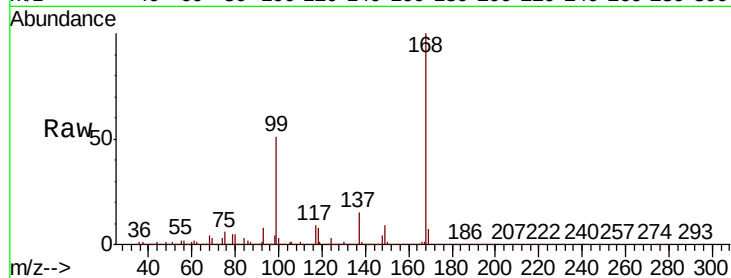
FM-5213

Tot Ion:168 Resp: 452791

Ion Ratio Lower Upper

168 100

99 50.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

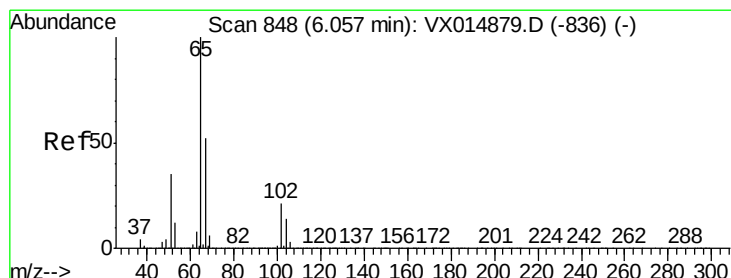
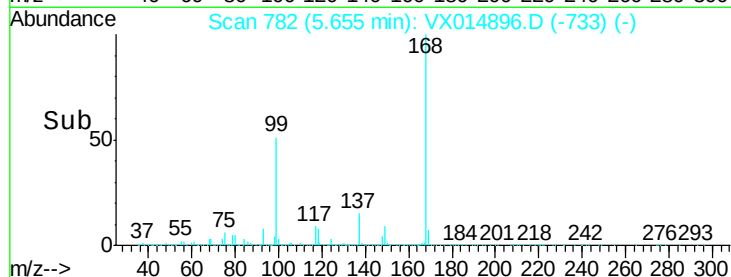
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.580 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014896.D

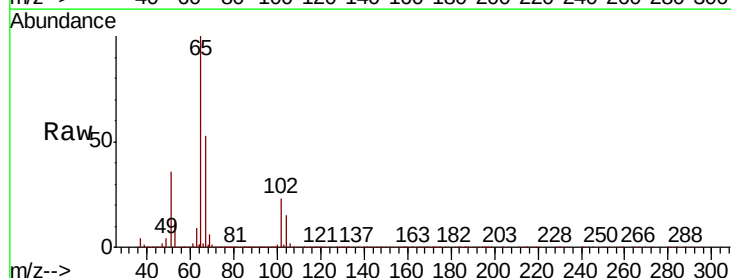
Acq: 10 Feb 2020 18:23

Tgt Ion: 65 Resp: 253360

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

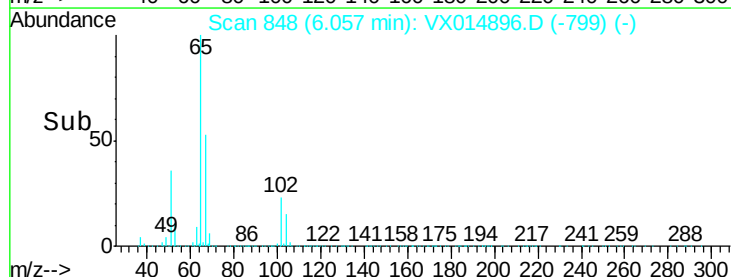
40000

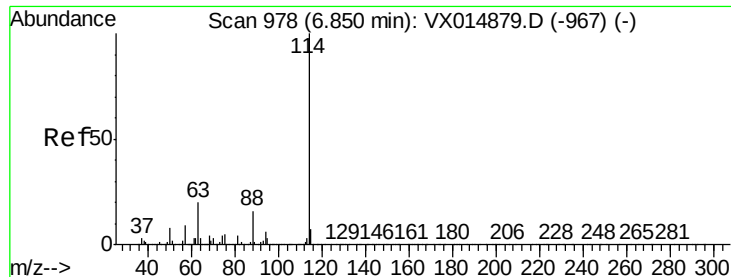
20000

0

5.90 6.00 6.10 6.20

Time-->

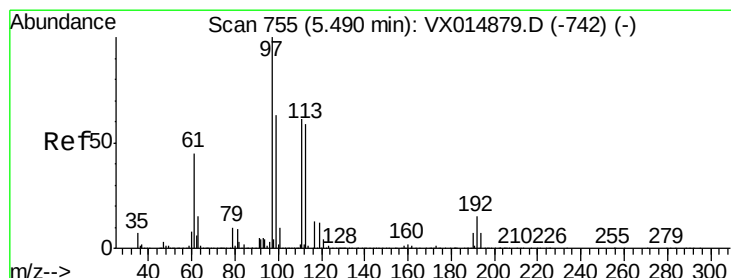
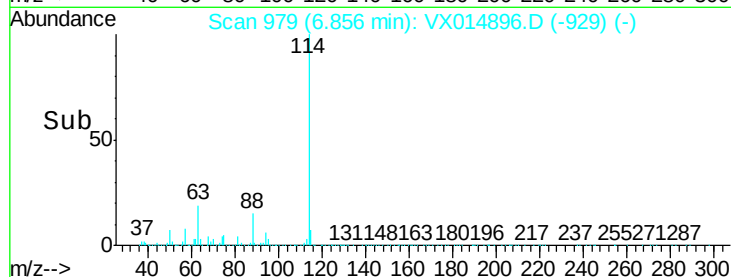
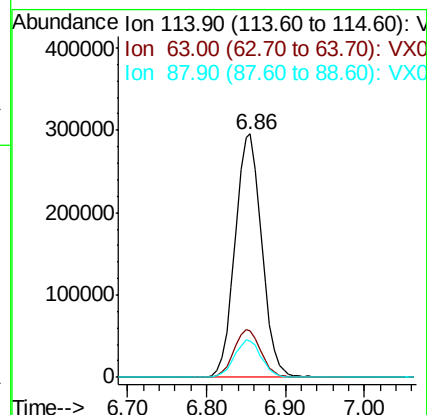
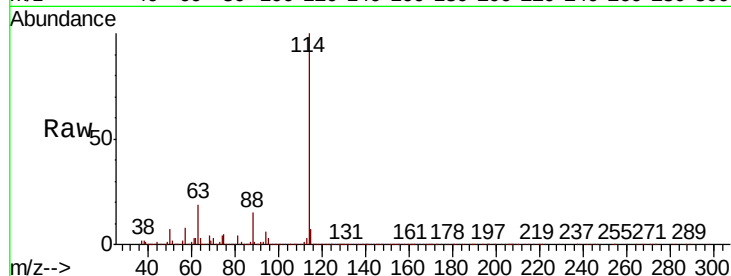




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX014896.D
 Acq: 10 Feb 2020 18:23

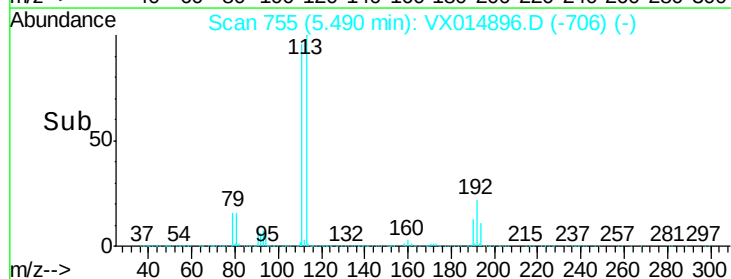
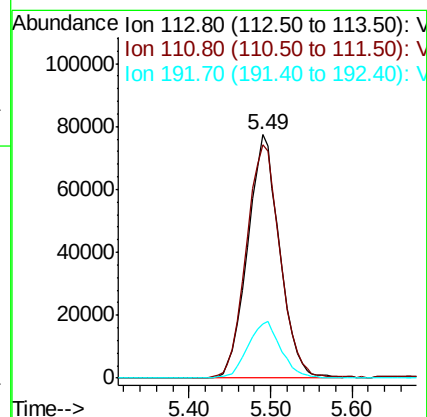
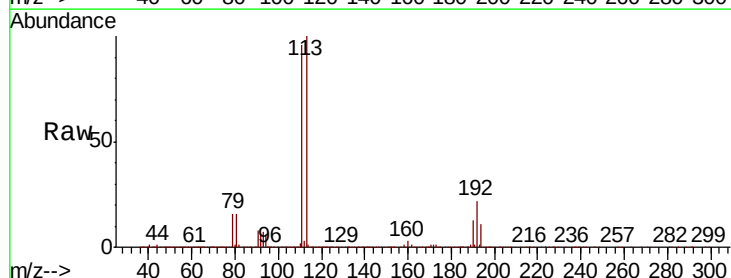
Instrument :
 MSVOA_X
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 FM-5213

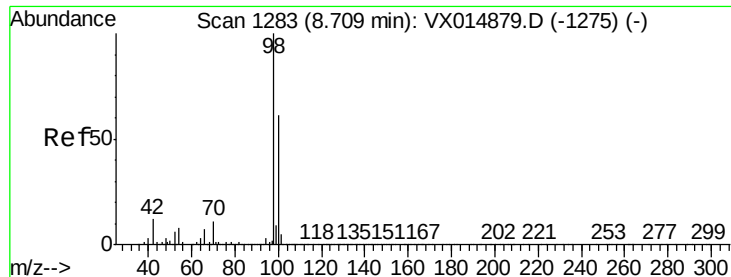
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	14.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.346 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014896.D
 Acq: 10 Feb 2020 18:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	24.1	19.1	28.7

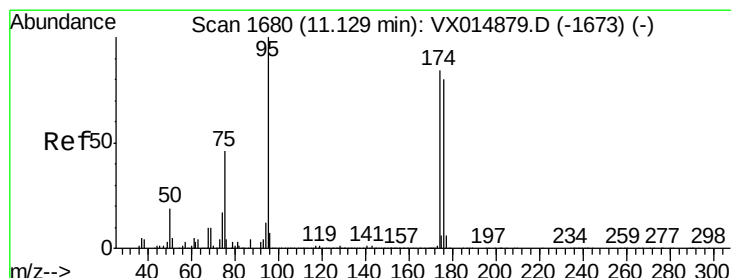
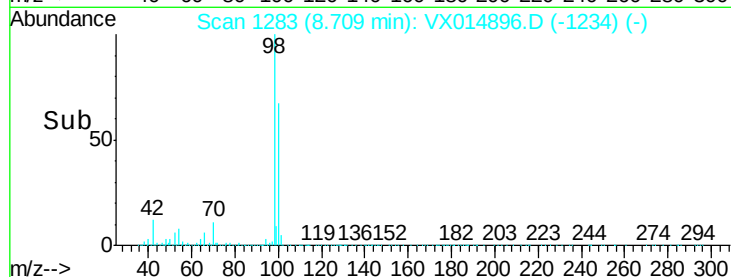
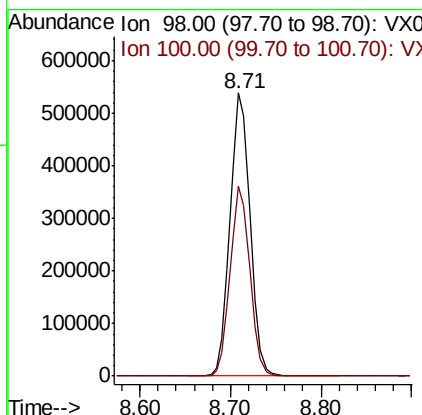
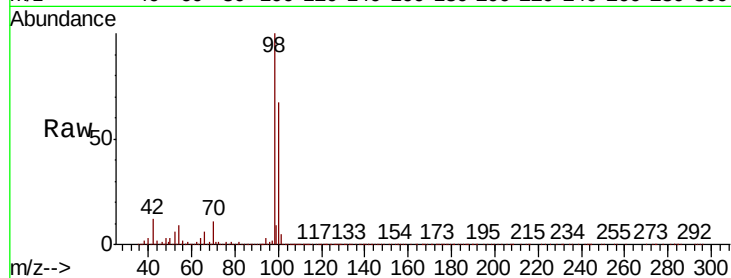




#50
Toluene-d8
Concen: 50.639 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014896.D
Acq: 10 Feb 2020 18:23

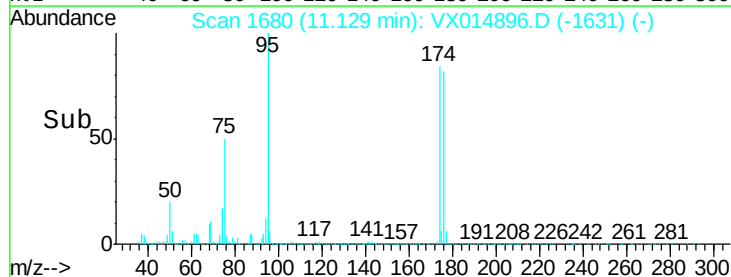
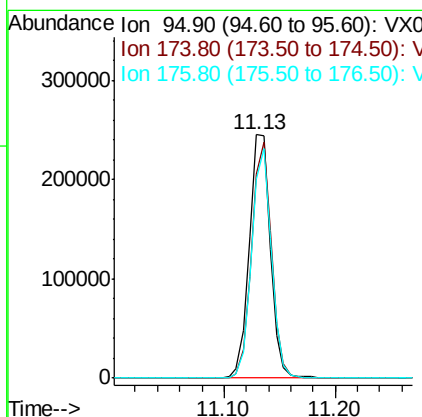
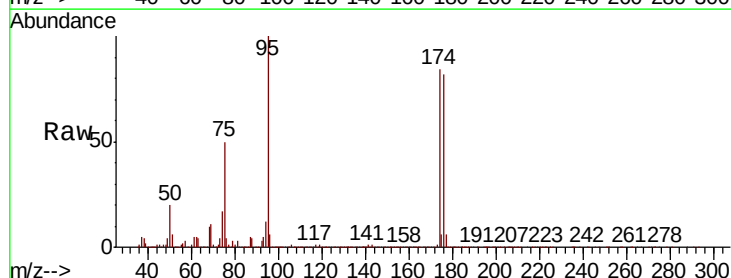
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ClientSampleId :
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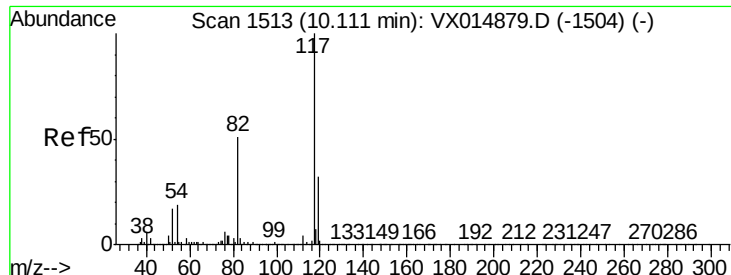
Tot Ion: 98 Resp: 826562
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.682 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014896.D
Acq: 10 Feb 2020 18:23

Tgt Ion: 95 Resp: 321523
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.0
176 89.2 0.0 178.0

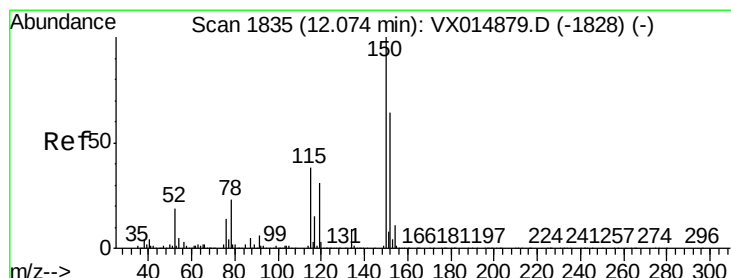
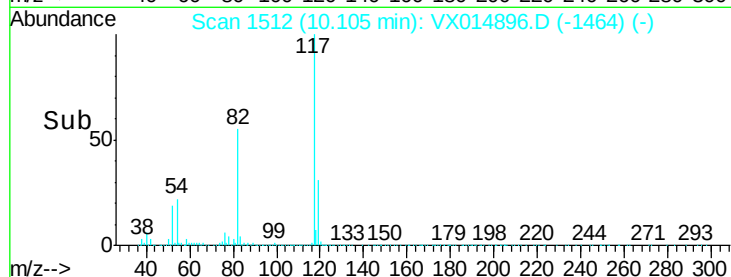
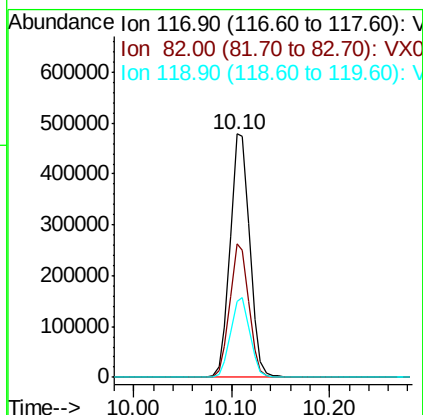
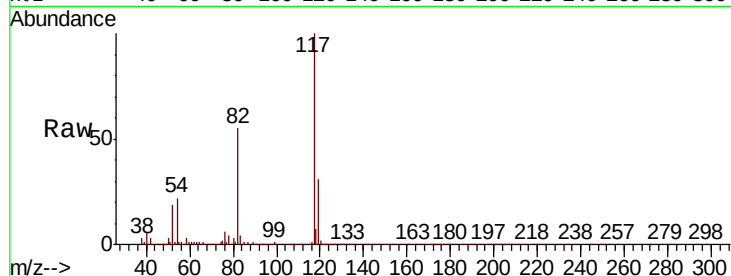




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014896.D
Acq: 10 Feb 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
FM-5213

Tot Ion:117 Resp: 666063
Ion Ratio Lower Upper
117 100
82 54.8 40.5 60.7
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014896.D
Acq: 10 Feb 2020 18:23

Tgt Ion:152 Resp: 366081
Ion Ratio Lower Upper
152 100
115 54.2 38.6 116.0
150 157.4 0.0 349.0

