

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013309.D
 Acq On : 01 Nov 2019 14:20
 Operator : JC/SP
 Sample : K5651-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1TB3-191031

Quant Time: Nov 04 01:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	727053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1107657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	977367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	446479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	419785	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.48	113	334355	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	1318265	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	436316	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	

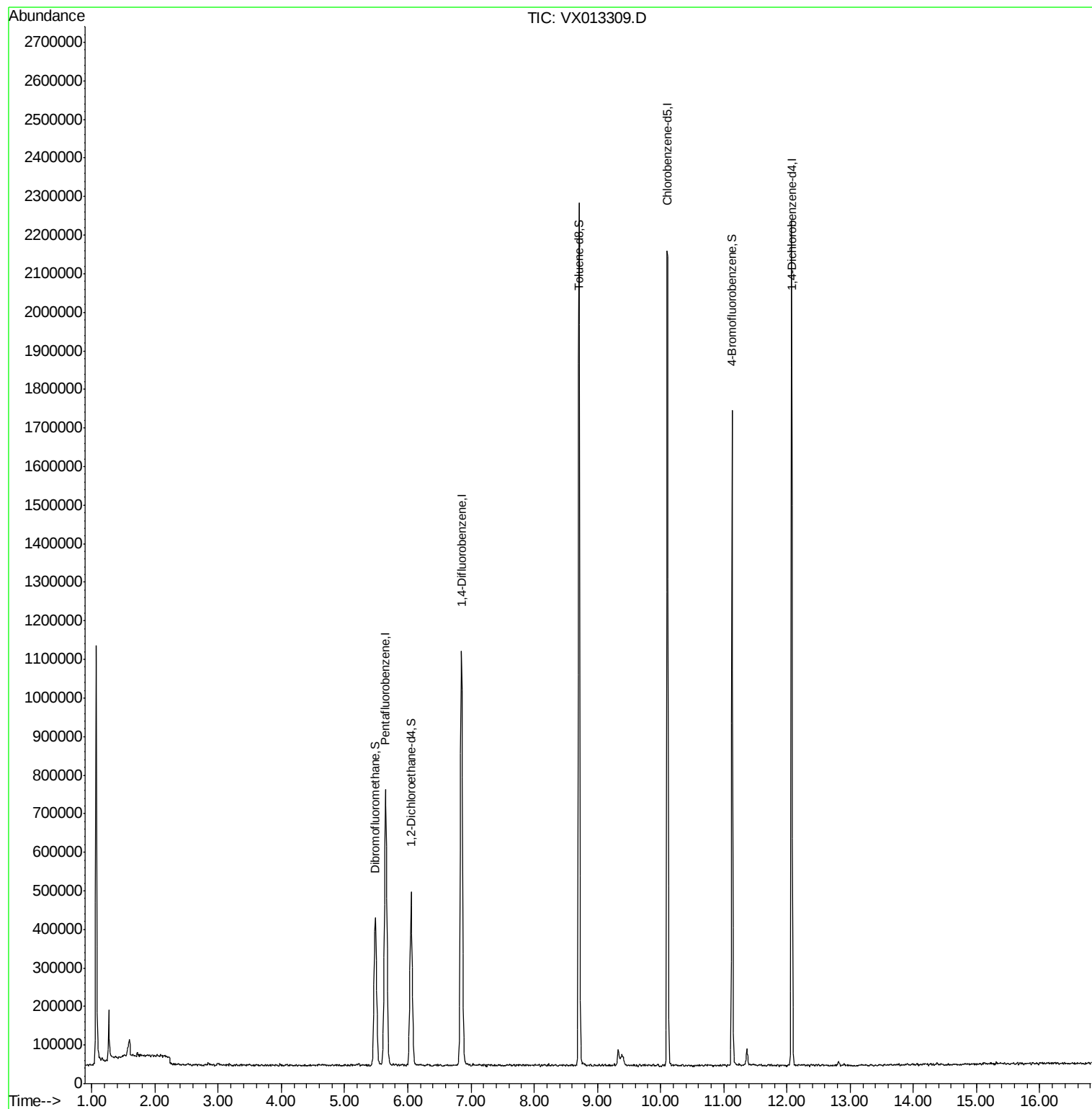
Target Compounds	Qvalue
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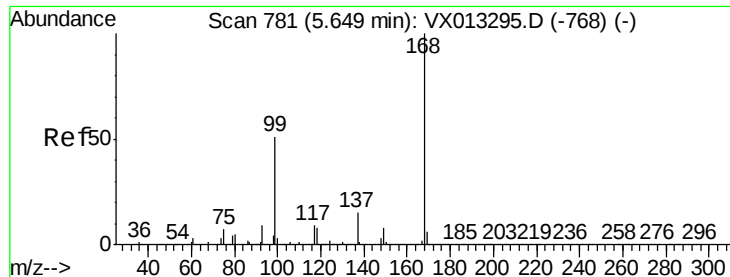
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013309.D

Acq: 01 Nov 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

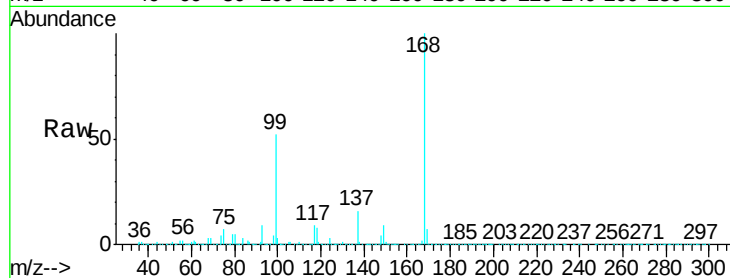
S1TB3-191031

Tgt Ion:168 Resp: 727053

Ion Ratio Lower Upper

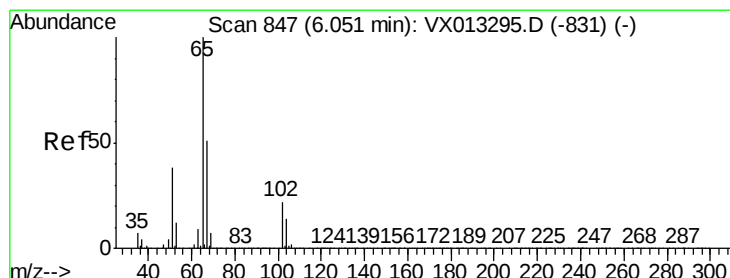
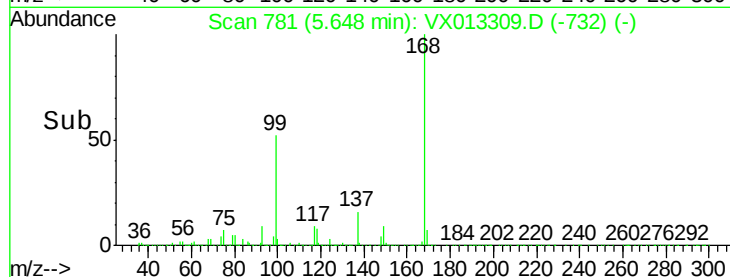
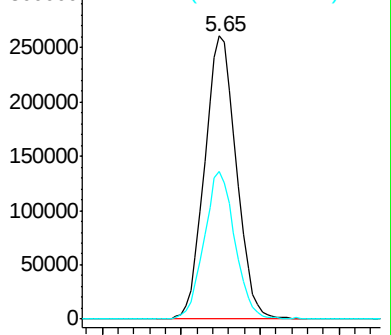
168 100

99 52.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.736 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013309.D

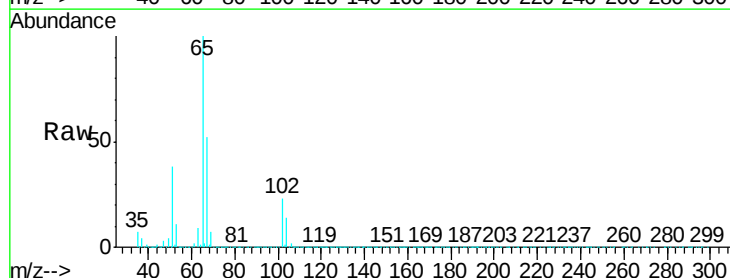
Acq: 01 Nov 2019 14:20

Tgt Ion: 65 Resp: 419785

Ion Ratio Lower Upper

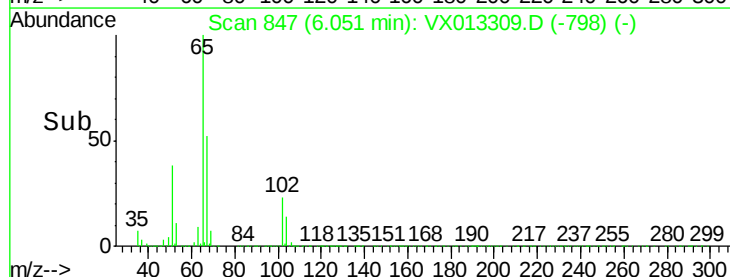
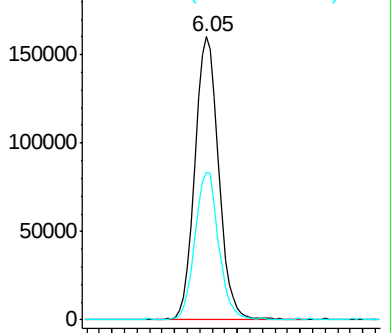
65 100

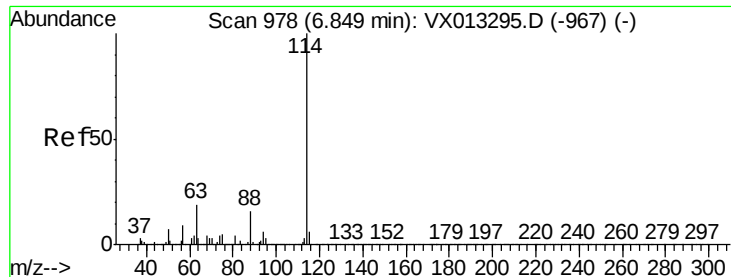
67 51.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013309.D

Acq: 01 Nov 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

S1TB3-191031

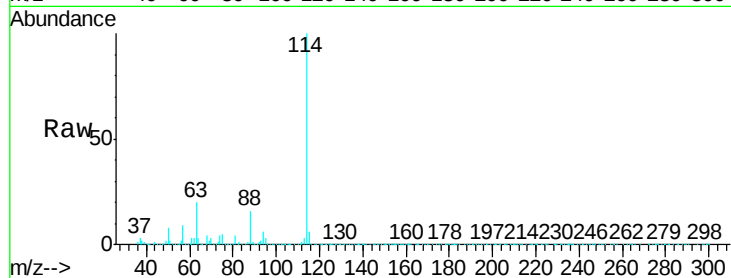
Tgt Ion:114 Resp: 1107657

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 16.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

500000

400000

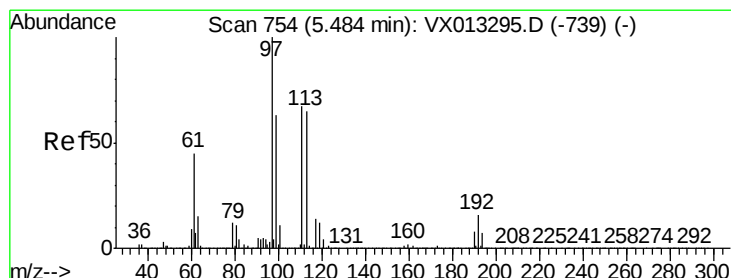
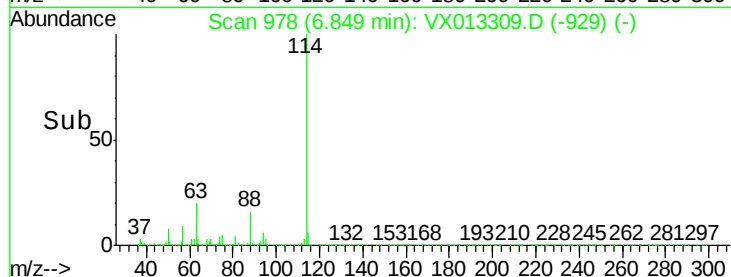
300000

200000

100000

0

Time--> 6.70 6.80 6.90



#35

Dibromofluoromethane

Concen: 48.127 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013309.D

Acq: 01 Nov 2019 14:20

Tgt Ion:113 Resp: 334355

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 23.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

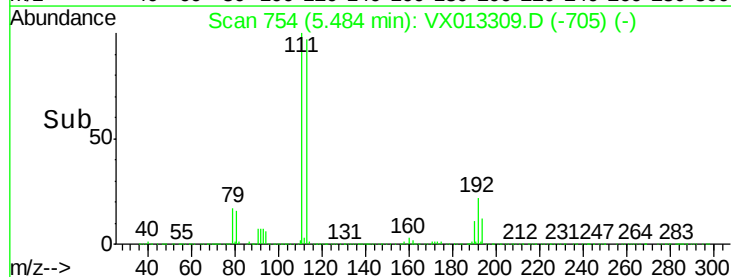
150000

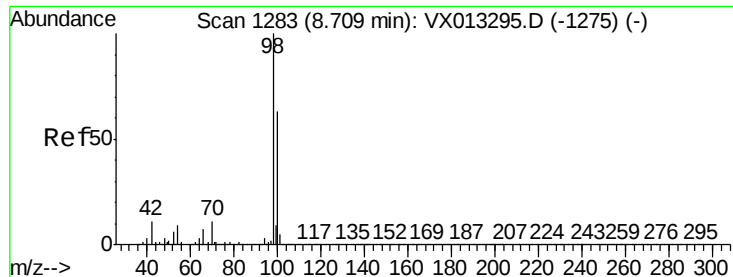
100000

50000

0

Time--> 5.40 5.50 5.60

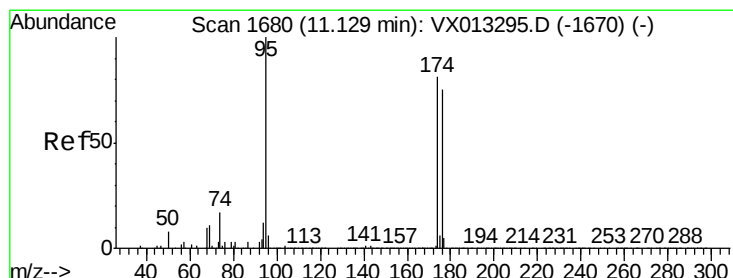
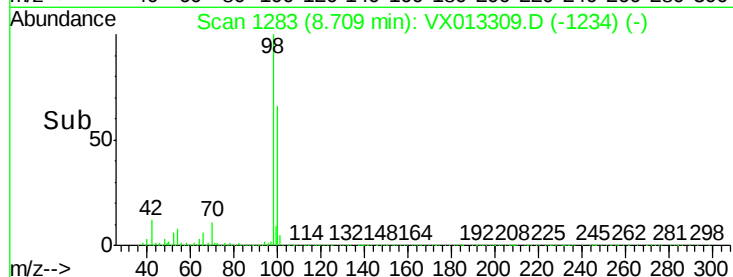
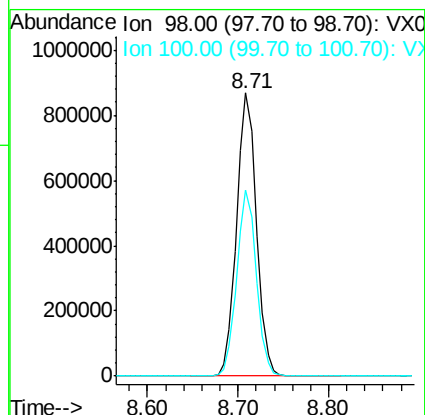
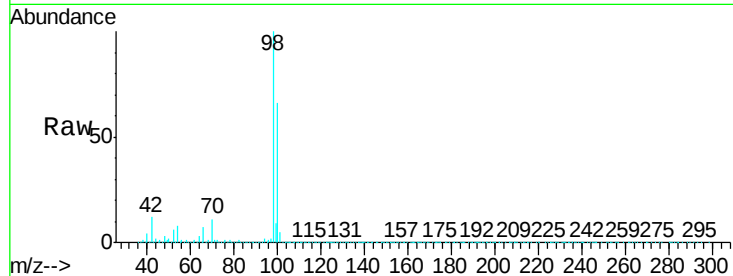




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013309.D
Acq: 01 Nov 2019 14:20

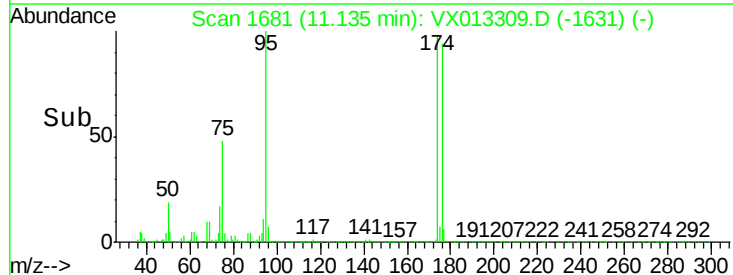
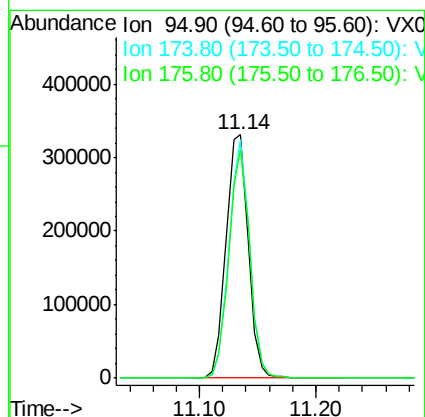
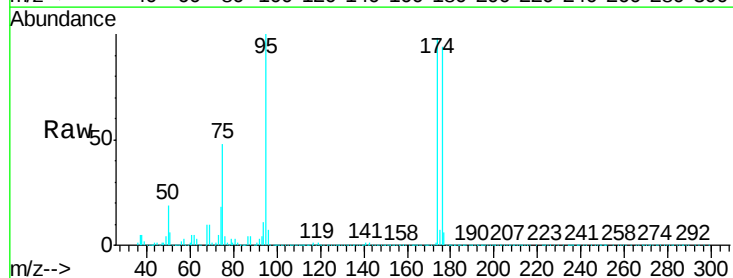
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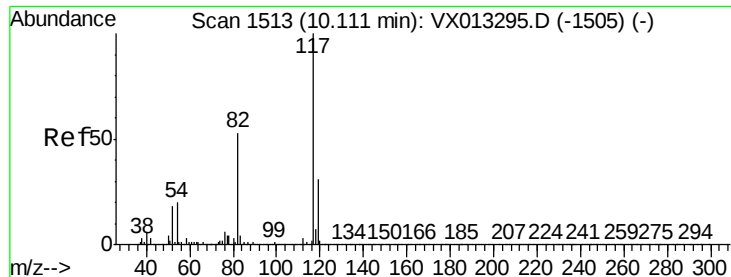
Tgt Ion: 98 Resp: 1318265
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.159 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013309.D
Acq: 01 Nov 2019 14:20

Tgt Ion: 95 Resp: 436316
Ion Ratio Lower Upper
95 100
174 91.3 0.0 179.8
176 88.6 0.0 173.0

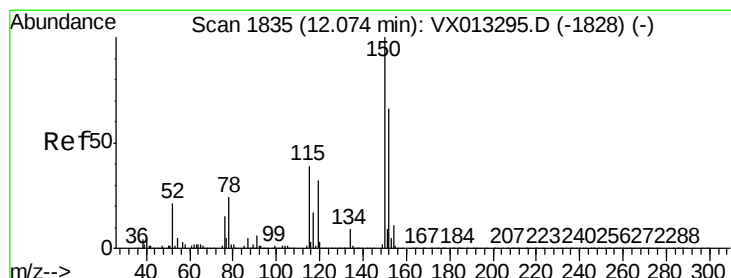
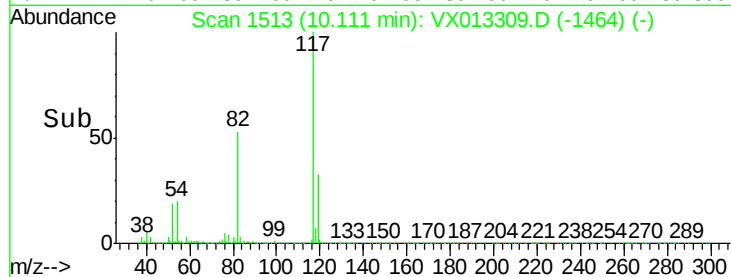
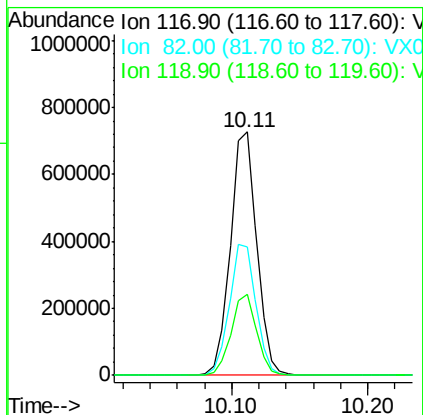
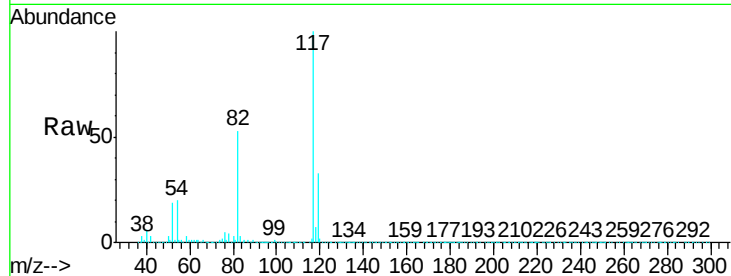




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013309.D
Acq: 01 Nov 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
S1TB3-191031

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	33.4	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013309.D
Acq: 01 Nov 2019 14:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.5	118.3
150	158.9	0.0	344.4

