

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014227.D
 Acq On : 24 Dec 2019 02:04
 Operator : JC/SP
 Sample : K6401-05 800X
 Misc : 4.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B39

Quant Time: Dec 24 04:29:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	552472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	767112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	307733	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
35) Dibromofluoromethane	5.49	113	252355	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	1012944	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	345408	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

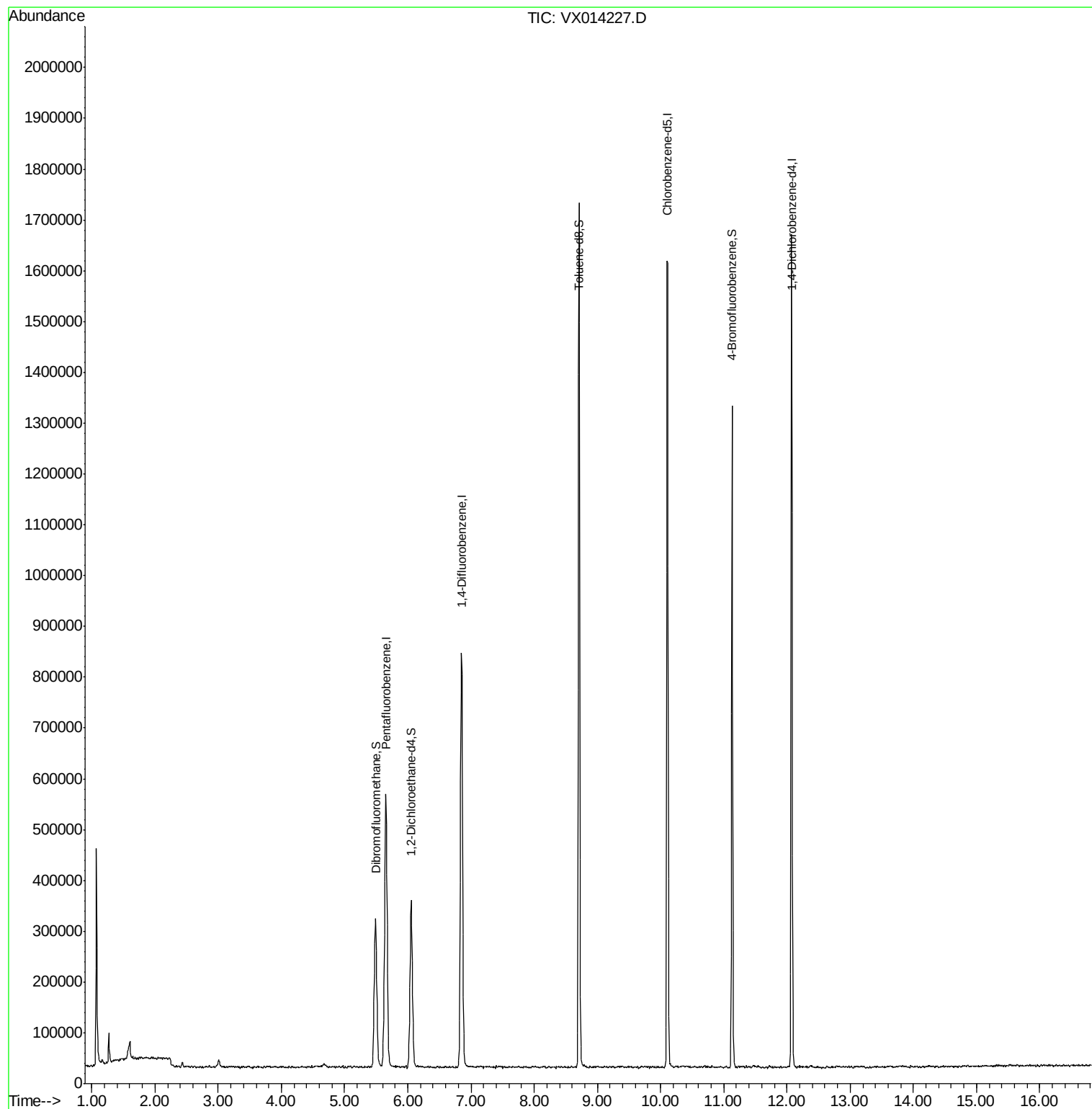
Target Compounds	Qvalue
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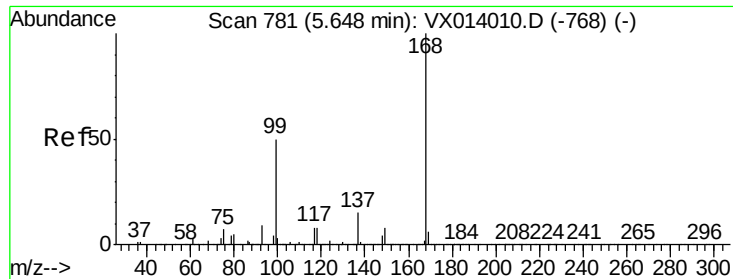
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014227.D

Acq: 24 Dec 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

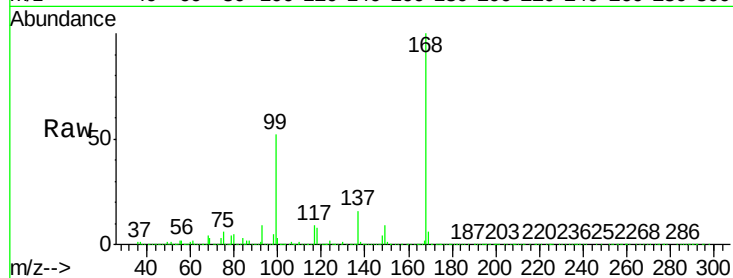
C0B39

Tot Ion:168 Resp: 552472

Ion Ratio Lower Upper

168 100

99 51.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

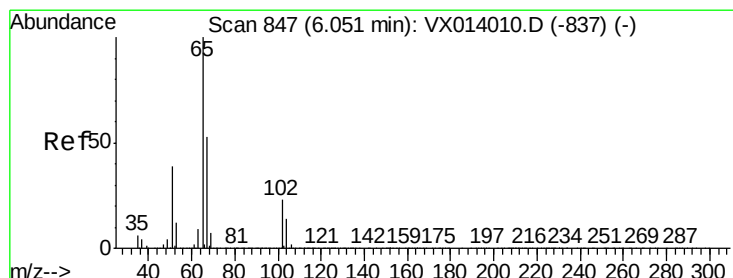
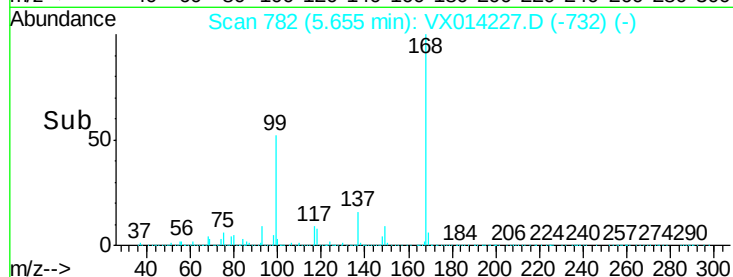
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50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.147 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014227.D

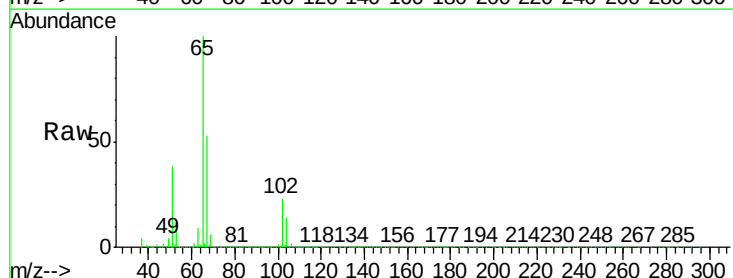
Acq: 24 Dec 2019 02:04

Tgt Ion: 65 Resp: 307733

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

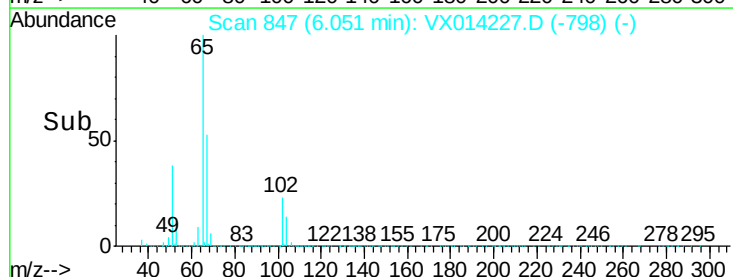
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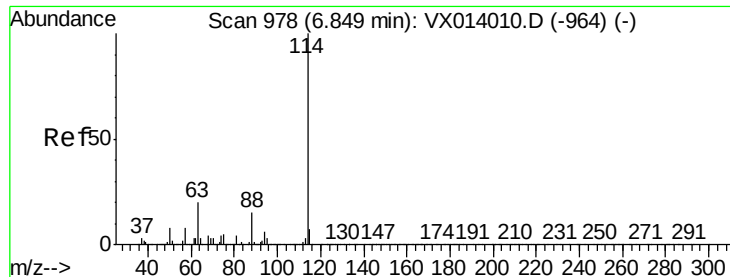
50000

0

Time-->

5.90 6.00 6.10 6.20

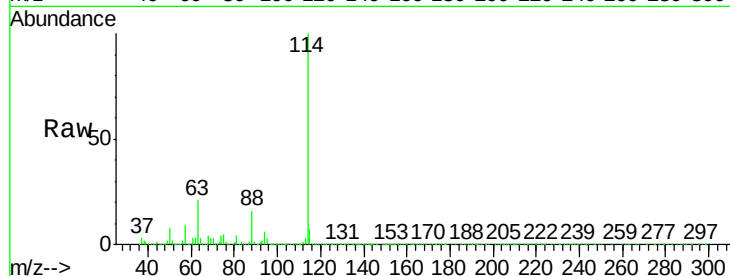




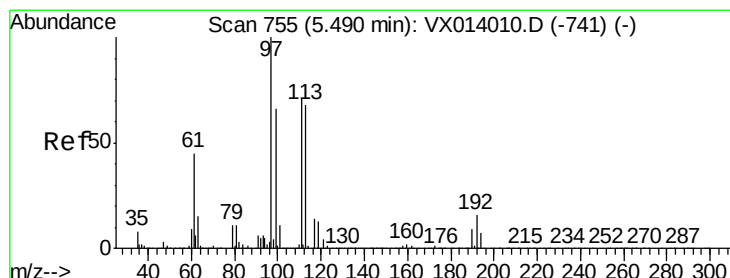
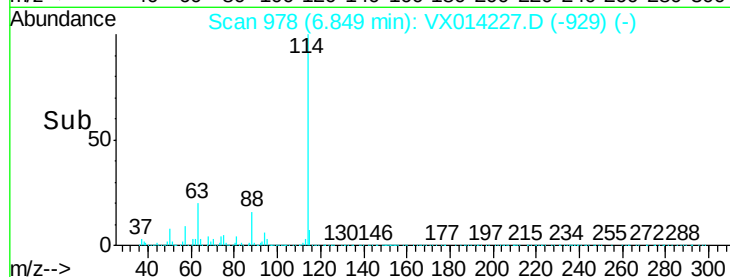
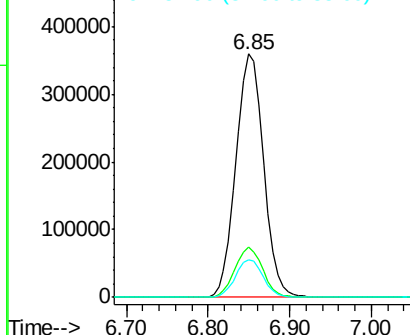
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014227.D
 Acq: 24 Dec 2019 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B39

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.6	0.0	30.4

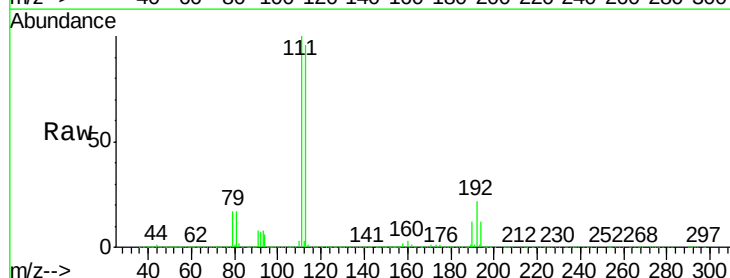


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

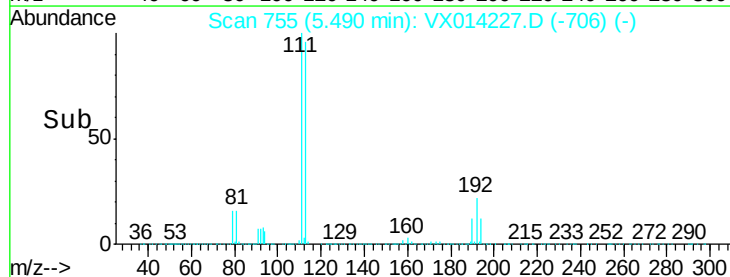
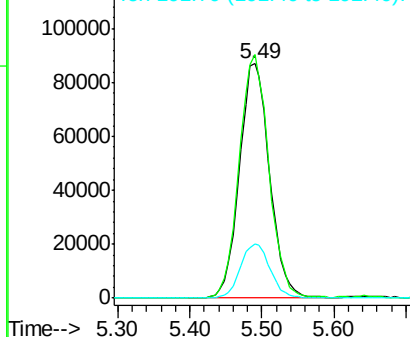


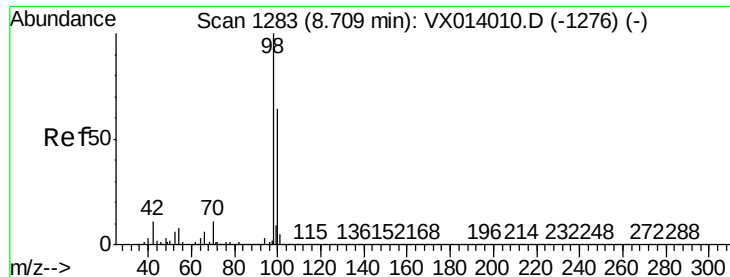
#35
 Dibromofluoromethane
 Concen: 49.092 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014227.D
 Acq: 24 Dec 2019 02:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.0	19.3	28.9



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





#50

Toluene-d8

Concen: 50.614 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014227.D

Acq: 24 Dec 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

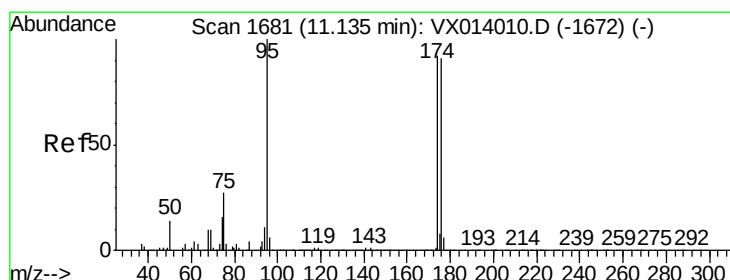
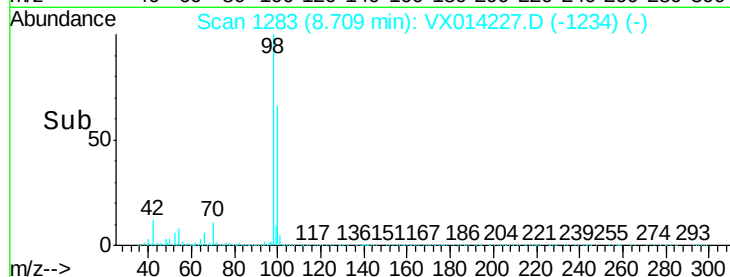
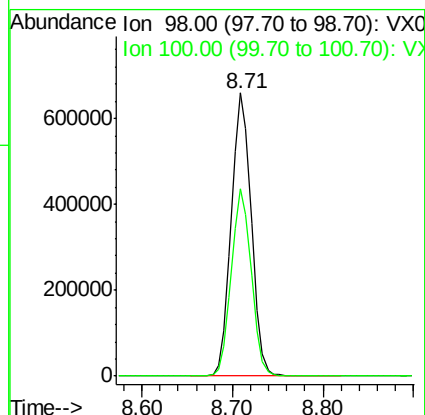
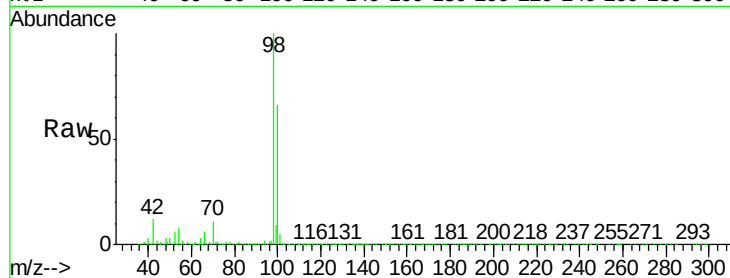
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Tot Ion: 98 Resp: 1012944

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014227.D

Acq: 24 Dec 2019 02:04

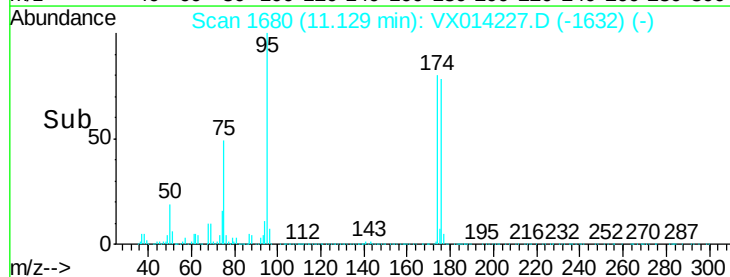
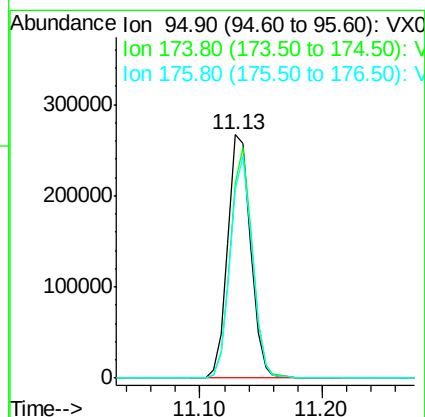
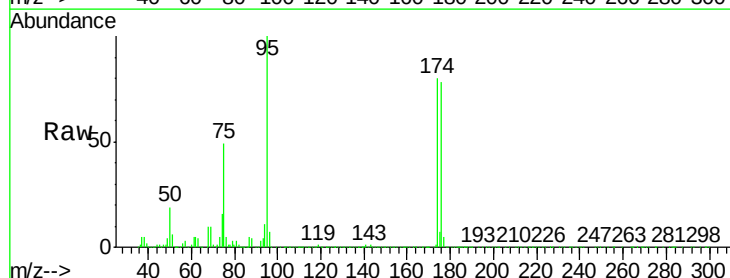
Tgt Ion: 95 Resp: 345408

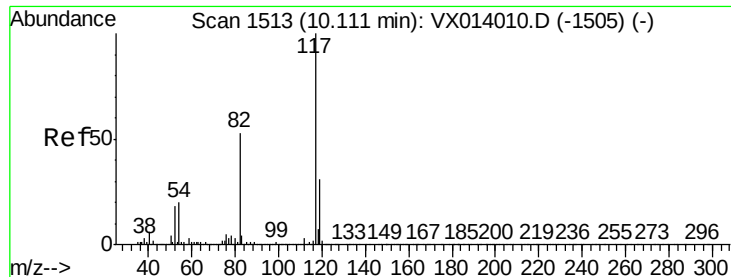
Ion Ratio Lower Upper

95 100

174 90.7 0.0 175.8

176 87.4 0.0 173.0

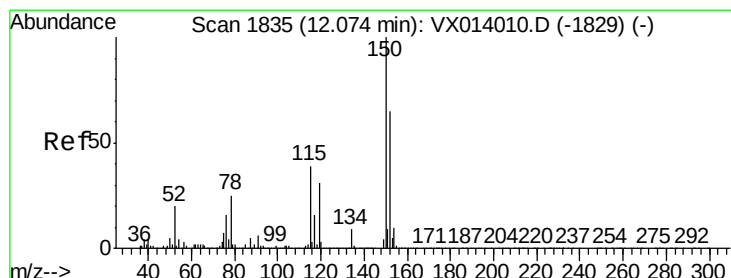
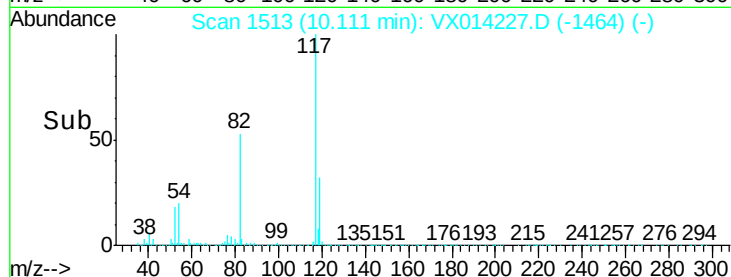
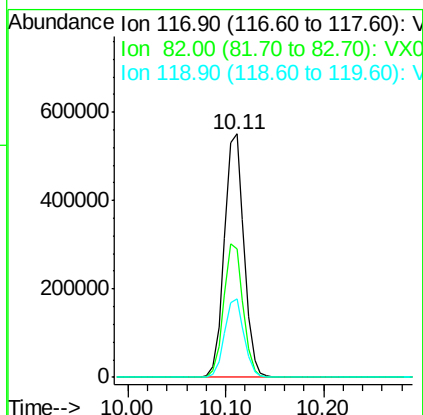
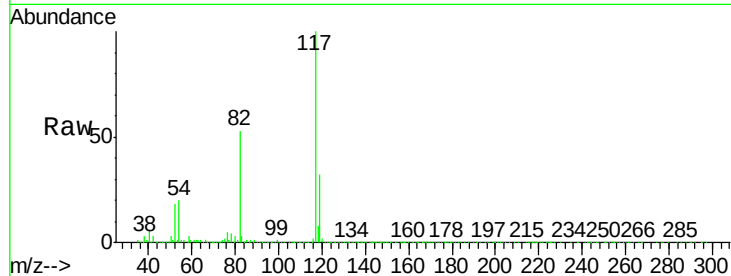




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014227.D
Acq: 24 Dec 2019 02:04

Instrument :
MSVOA_X
ClientSampleId :
C0B39

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.2	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014227.D
Acq: 24 Dec 2019 02:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.3	114.9
150	156.8	0.0	345.4

