

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013871.D
 Acq On : 09 Dec 2019 23:57
 Operator : JC/SP
 Sample : VX1209WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBL02

Quant Time: Dec 10 05:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	604158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	924226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	823581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	336452	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	277072	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1097708	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	367928	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

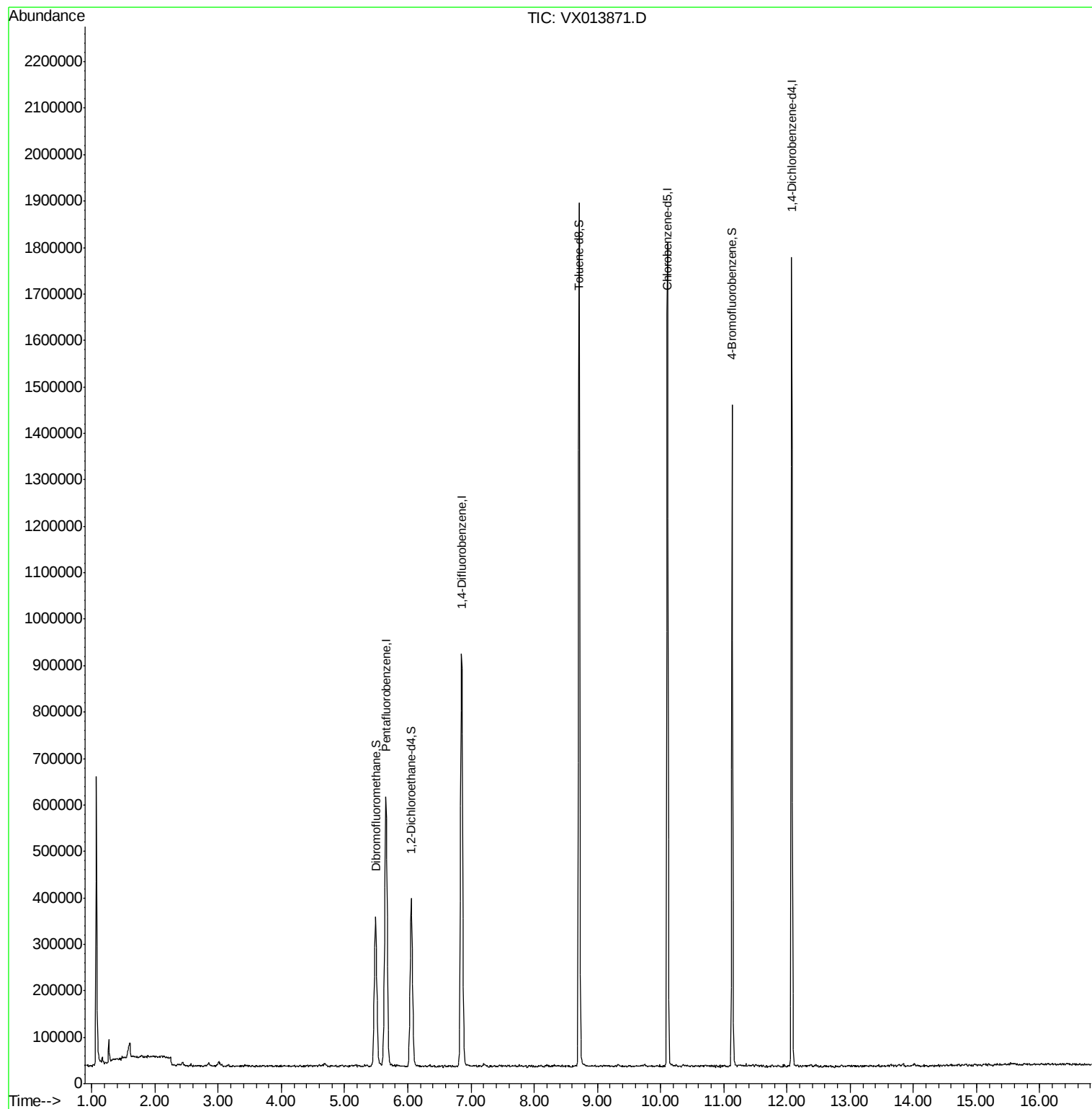
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013871.D

Acq: 09 Dec 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

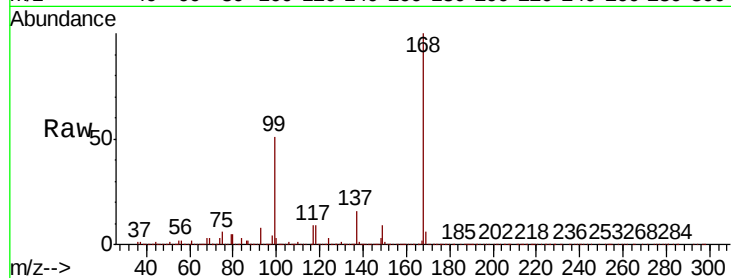
VX1209WBL02

Tot Ion:168 Resp: 604158

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

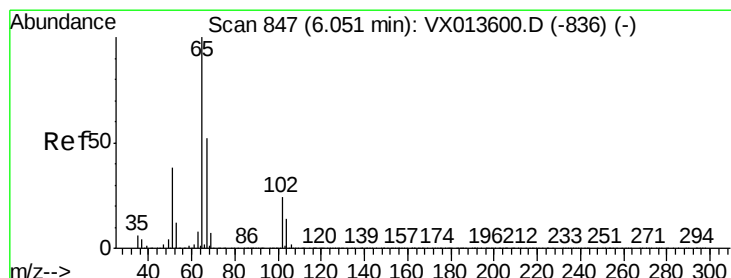
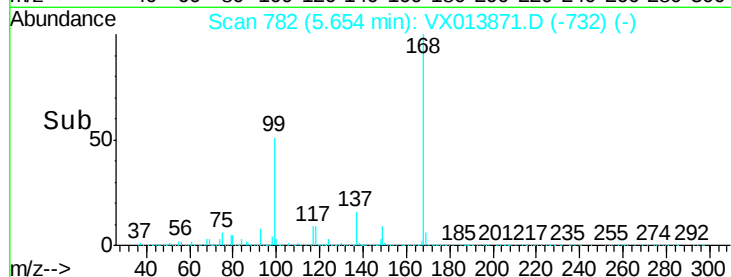
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.976 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013871.D

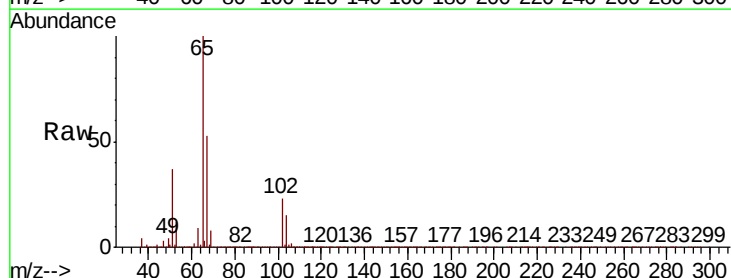
Acq: 09 Dec 2019 23:57

Tgt Ion: 65 Resp: 336452

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

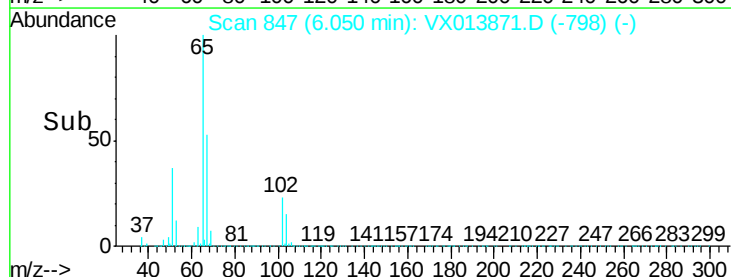
150000

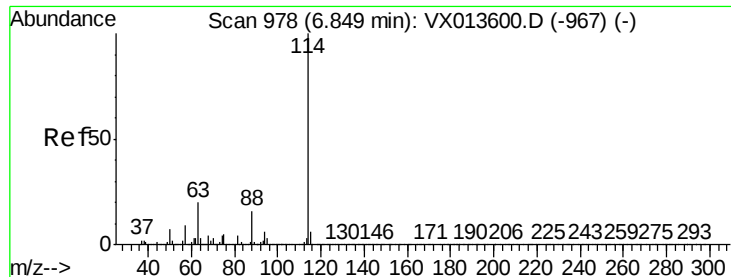
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013871.D

Acq: 09 Dec 2019 23:57

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBL02

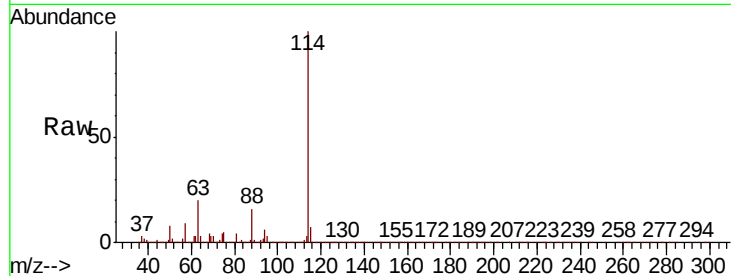
Tot Ion:114 Resp: 924226

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

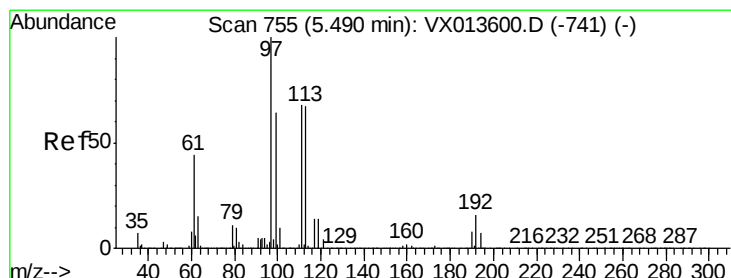
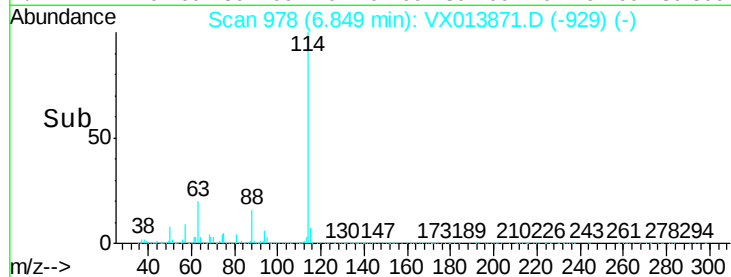
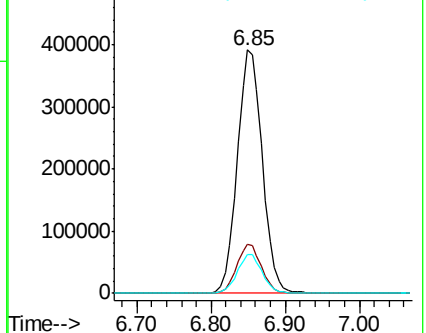
88 15.8 0.0 31.4



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: 48.493 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013871.D

Acq: 09 Dec 2019 23:57

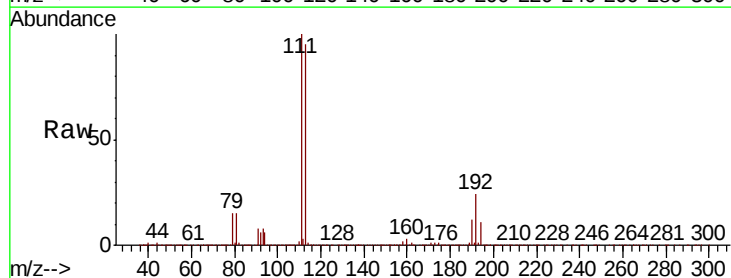
Tgt Ion:113 Resp: 277072

Ion Ratio Lower Upper

113 100

111 101.5 83.6 125.4

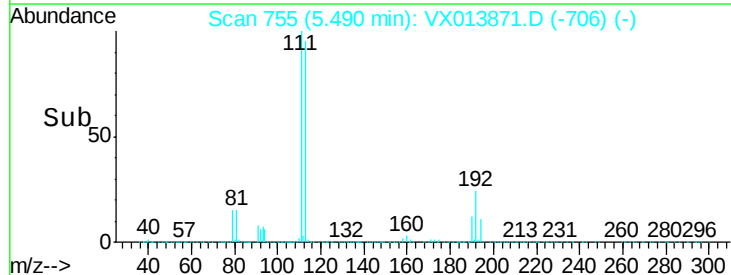
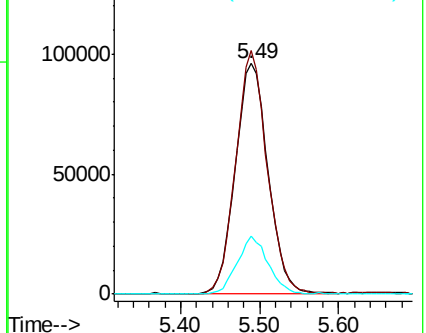
192 23.6 19.2 28.8

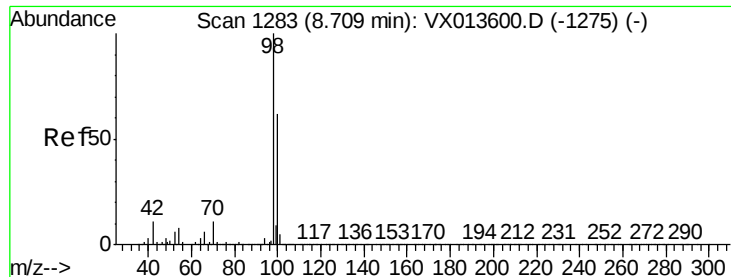


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.310 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013871.D

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Instrument :

MSVOA_X

ClientSampleId :

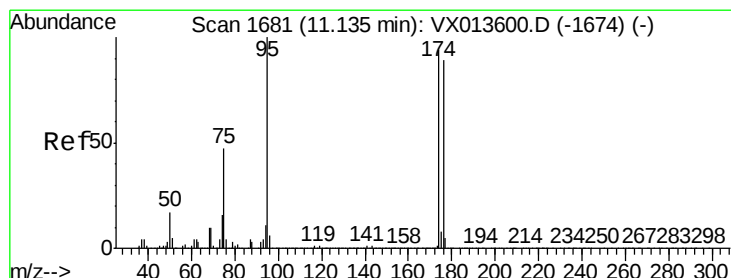
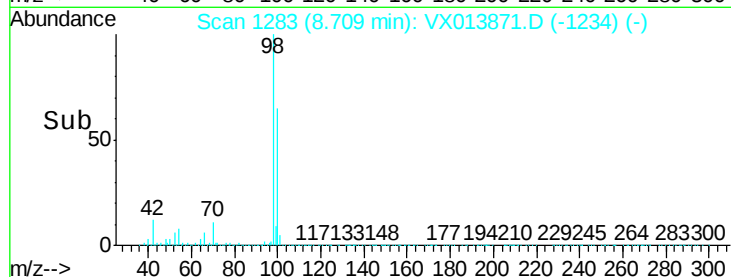
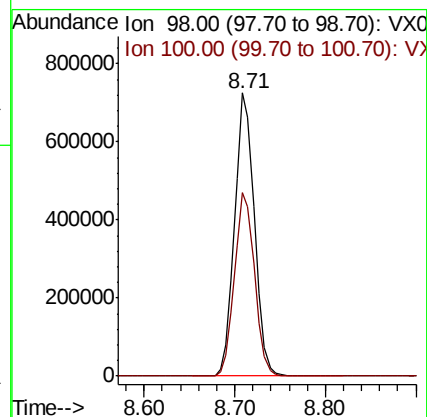
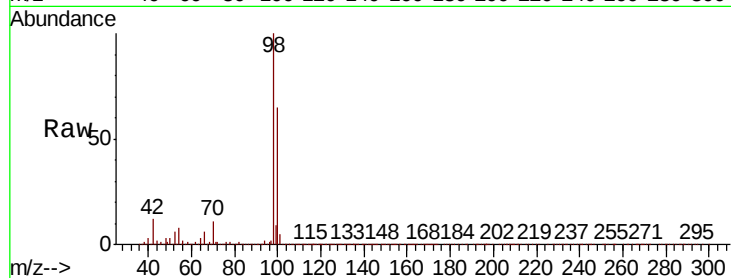
VX1209WBL02

Tot Ion: 98 Resp: 1097708

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.834 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013871.D

Acq: 09 Dec 2019 23:57

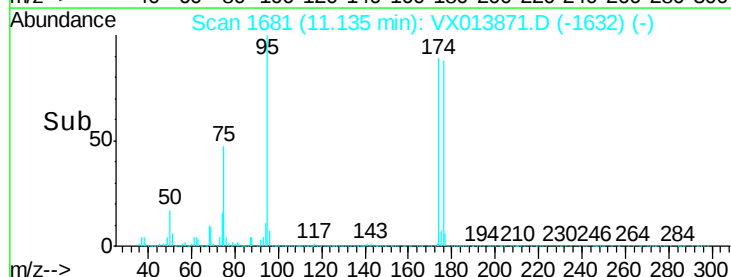
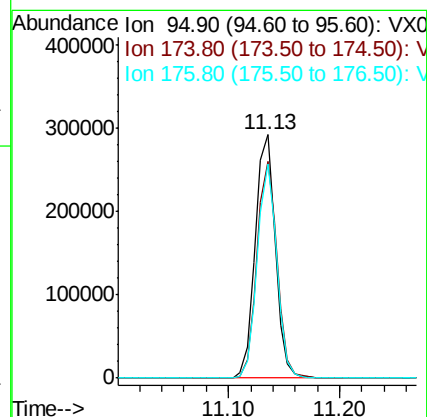
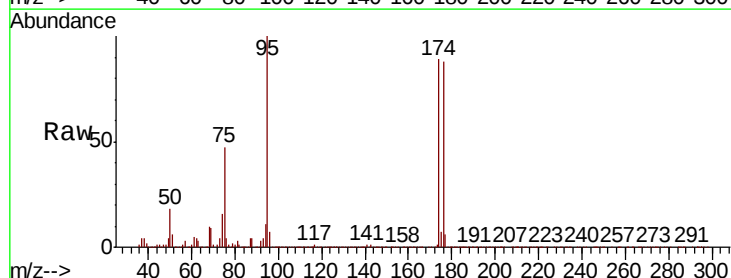
Tgt Ion: 95 Resp: 367928

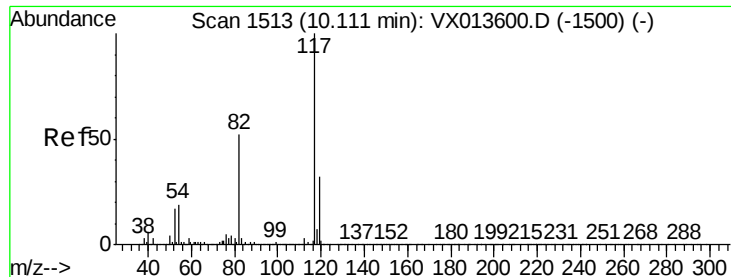
Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

176 85.8 0.0 173.6

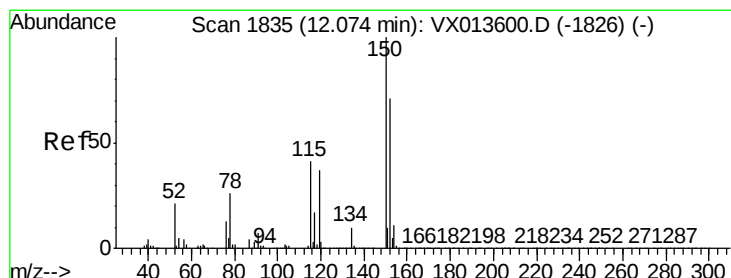
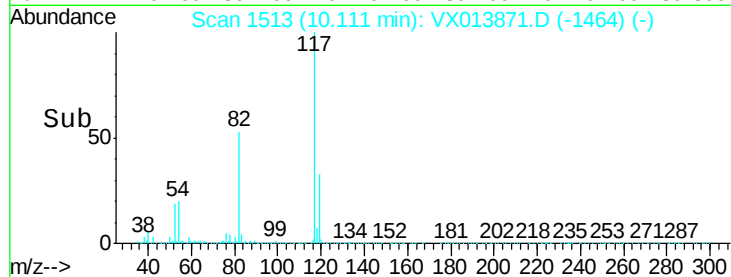
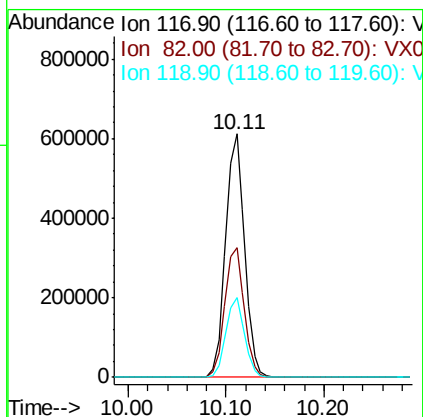
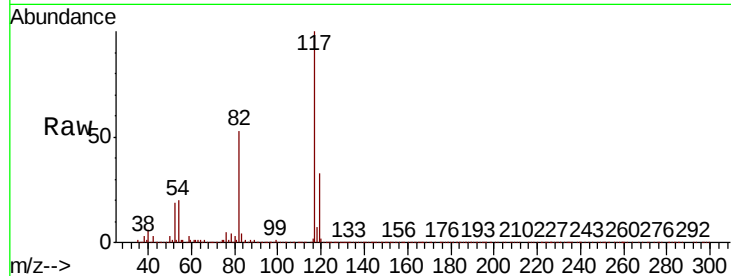




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013871.D
Acq: 09 Dec 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013871.D
Acq: 09 Dec 2019 23:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.4	115.1
150	156.6	0.0	346.8

