

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013979.D
 Acq On : 12 Dec 2019 16:46
 Operator : JC/SP
 Sample : K6249-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ194I-20191208

Quant Time: Dec 13 04:10:30 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

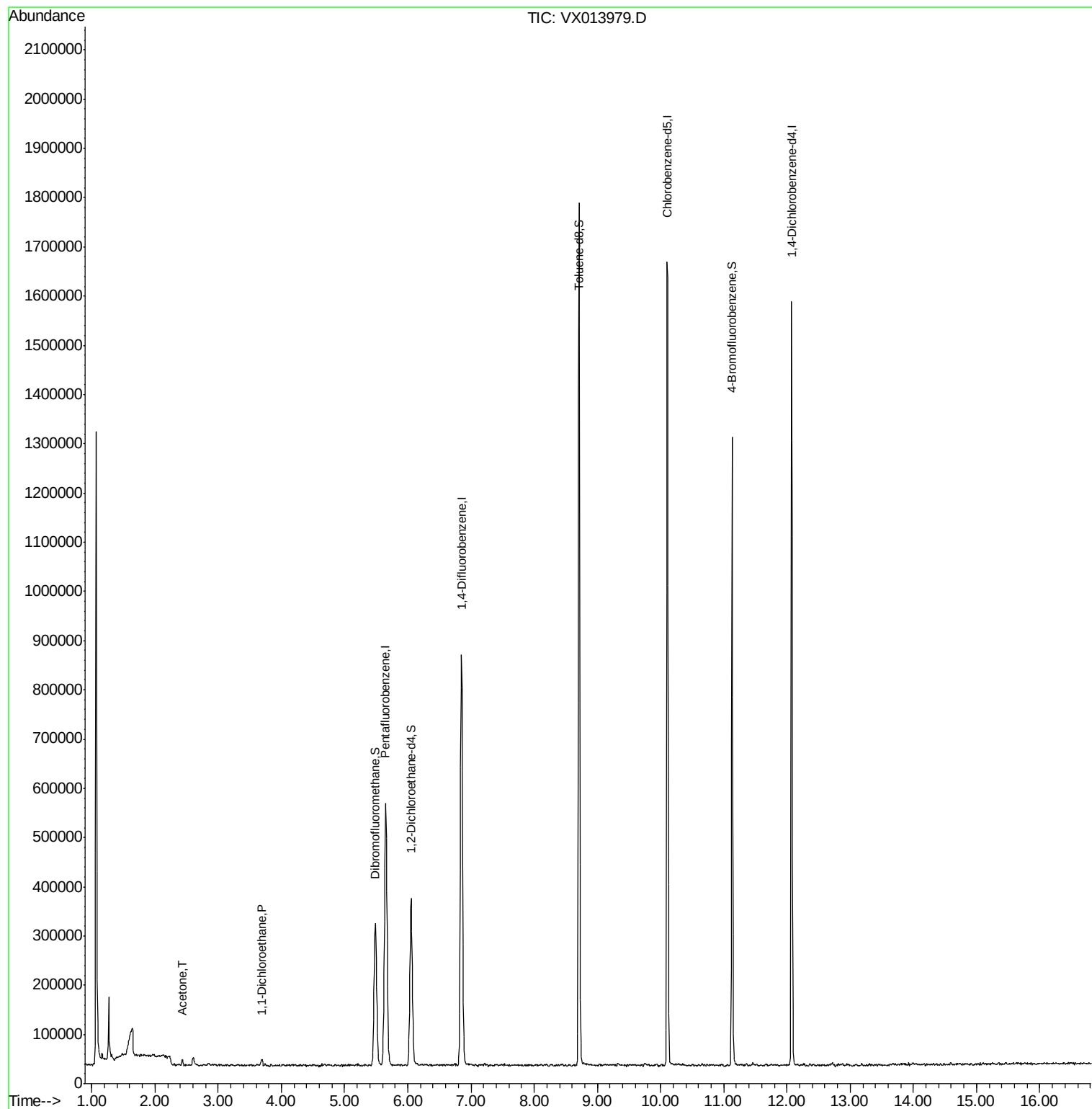
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	556002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	315001	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.49	113	256616	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	1029489	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	334947	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
16) Acetone	2.44	43	13487	4.233	ug/l	91
24) 1,1-Dichloroethane	3.69	63	13227	1.309	ug/l	95

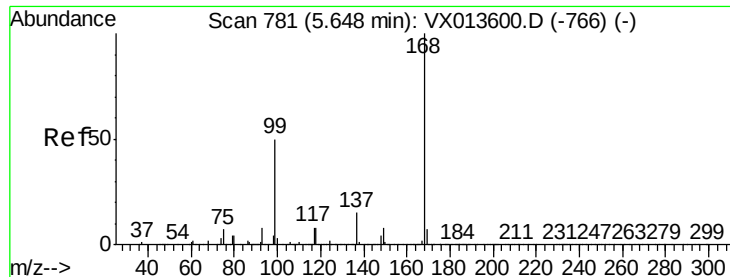
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

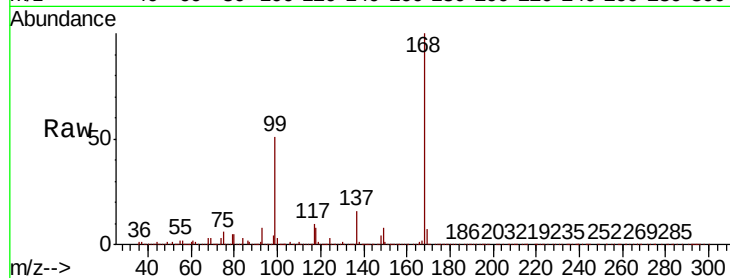
SA-PZ194I-20191208

Tot Ion:168 Resp: 556002

Ion Ratio Lower Upper

168 100

99 51.1 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

200000

150000

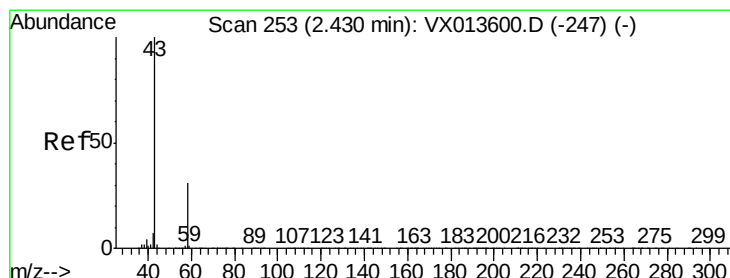
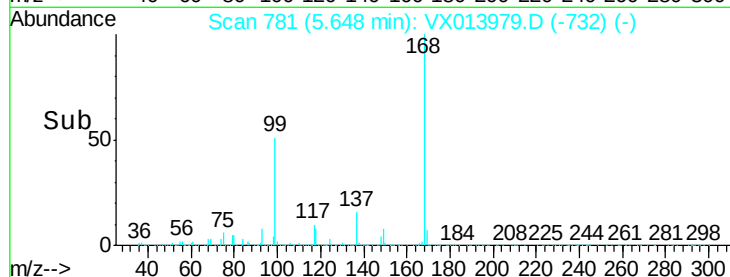
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.233 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013979.D

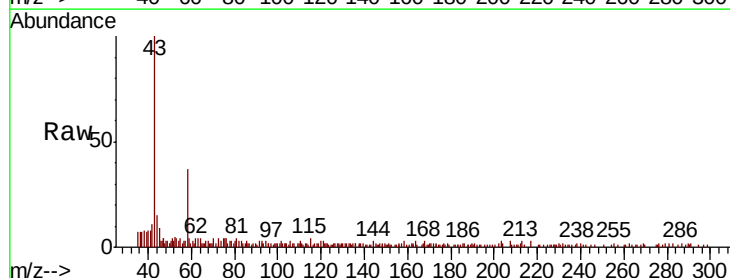
Acq: 12 Dec 2019 16:46

Tgt Ion: 43 Resp: 13487

Ion Ratio Lower Upper

43 100

58 35.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

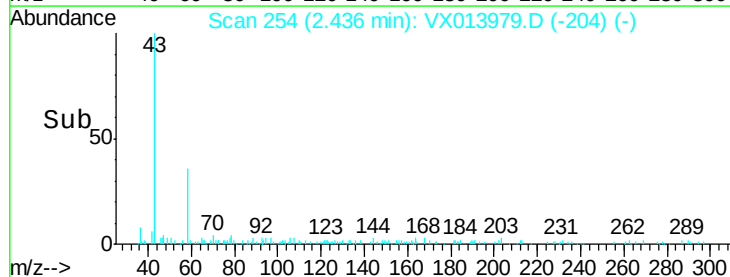
4000

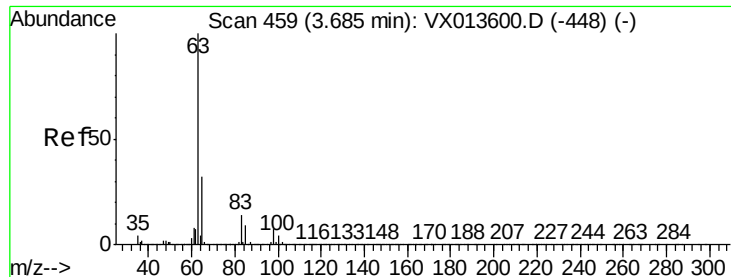
2000

0

Time-->

2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 1.309 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

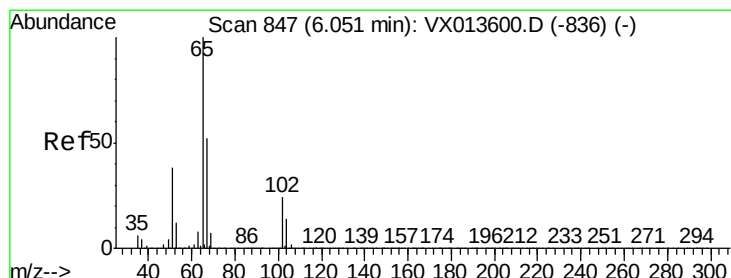
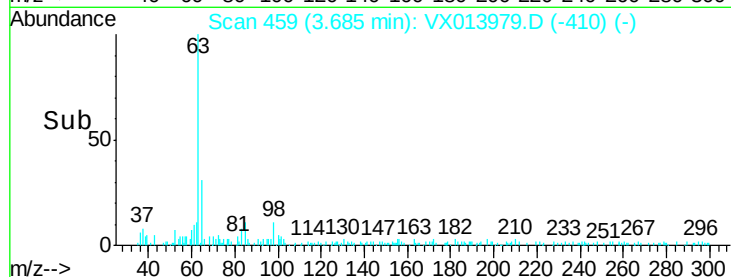
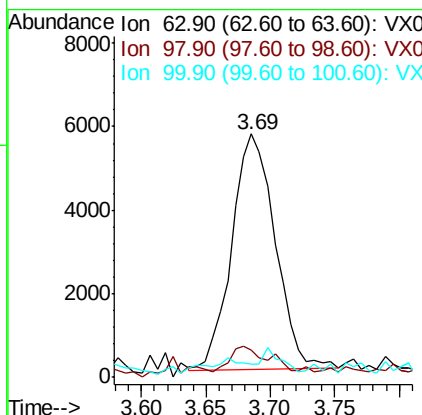
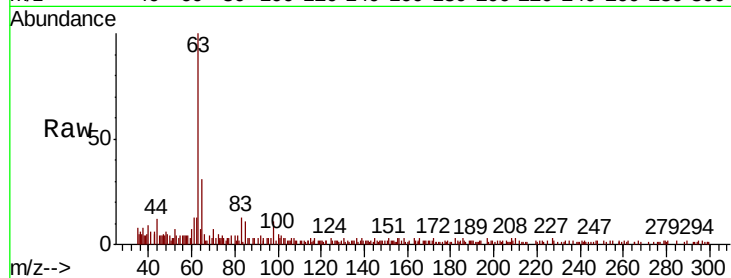
Instrument :

MSVOA_X

ClientSampleId :

SA-PZ194I-20191208

Tot Ion:	63	Resp:	13227
Ion	Ratio	Lower	Upper
63	100		
98	9.2	3.5	10.4
100	3.6	2.1	6.3



#33

1,2-Dichloroethane-d4

Concen: 48.808 ug/l

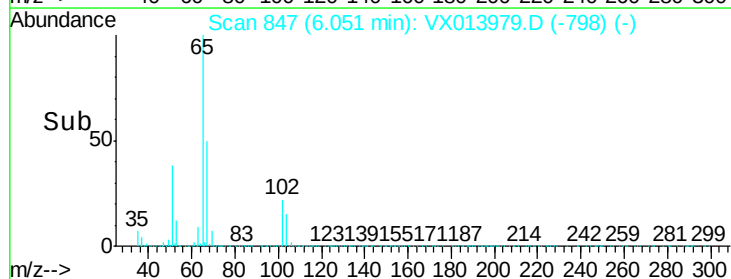
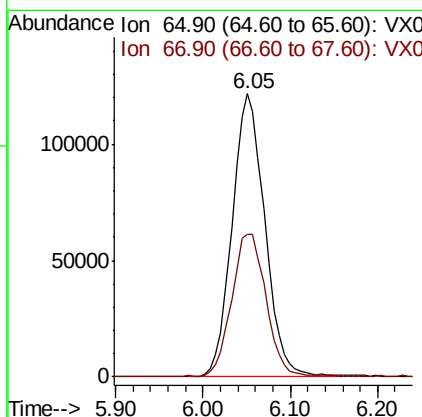
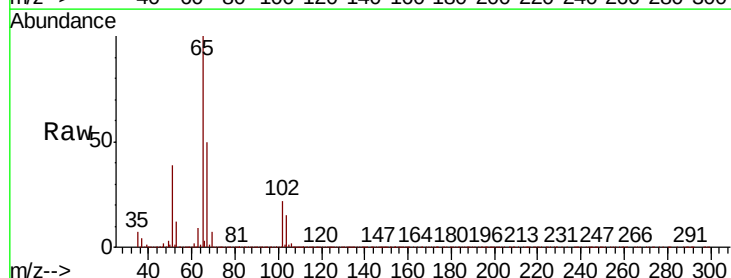
RT: 6.05 min Scan# 847

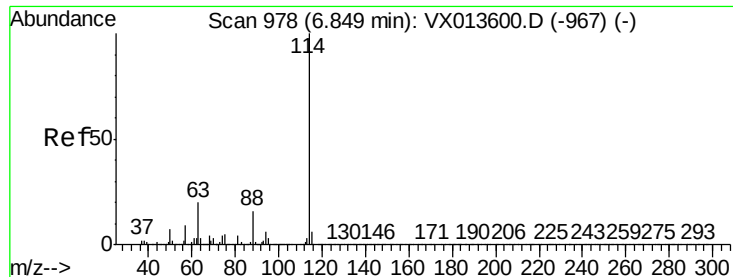
Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

Tgt Ion:	65	Resp:	315001
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

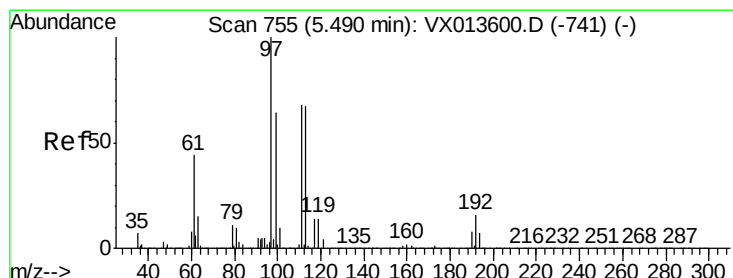
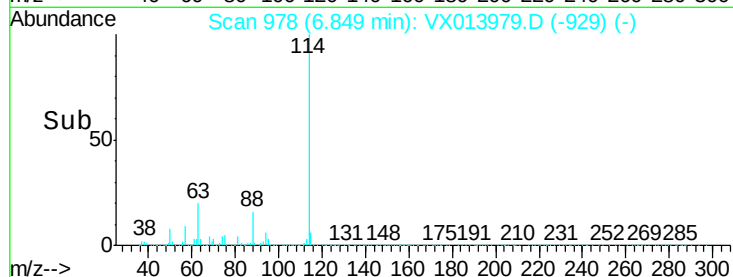
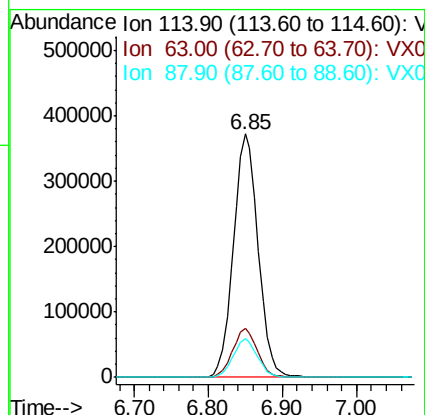
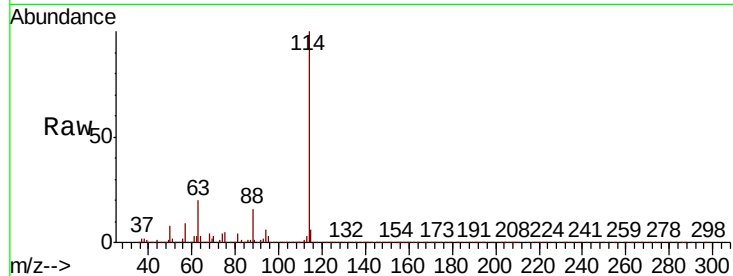
Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ194I-20191208

Tot Ion:	114	Resp:	865542
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	16.2	0.0	31.4



#35

Dibromofluoromethane

Concen: 47.958 ug/l

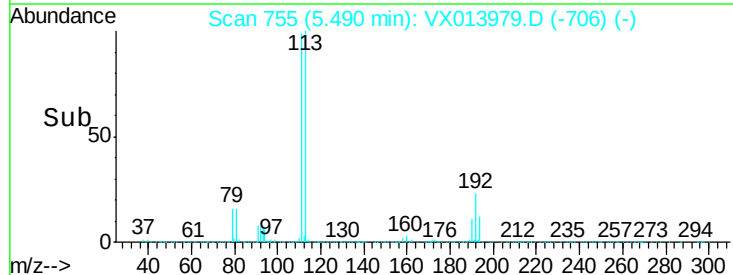
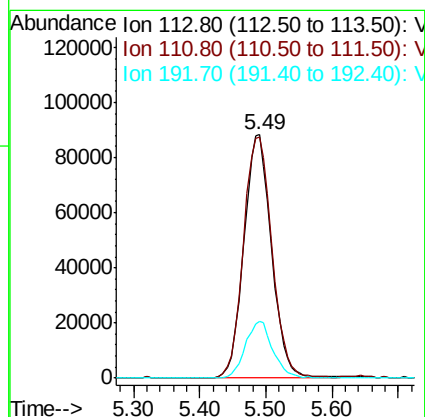
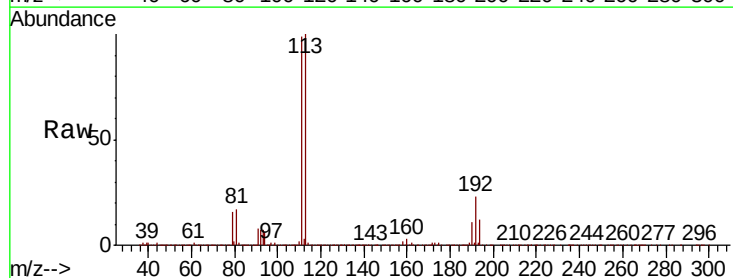
RT: 5.49 min Scan# 755

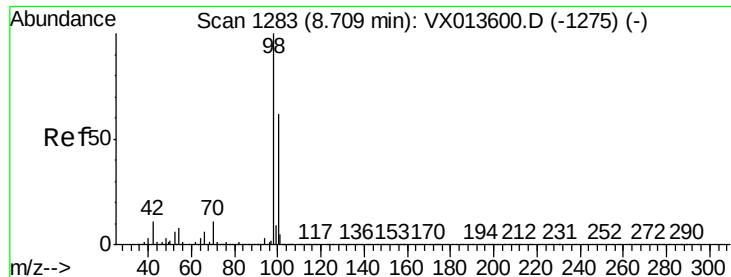
Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

Tgt Ion:	113	Resp:	256616
Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.6	125.4
192	23.3	19.2	28.8





#50

Toluene-d8

Concen: 49.381 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

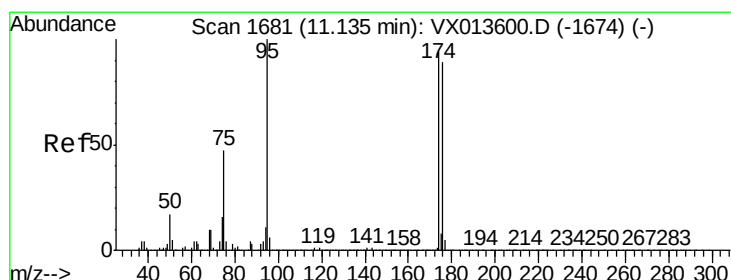
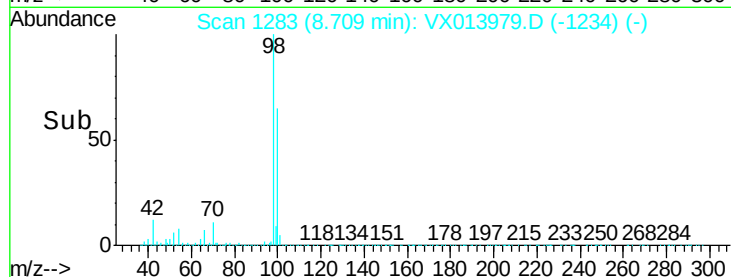
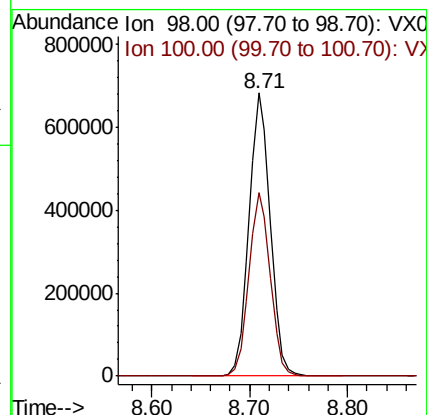
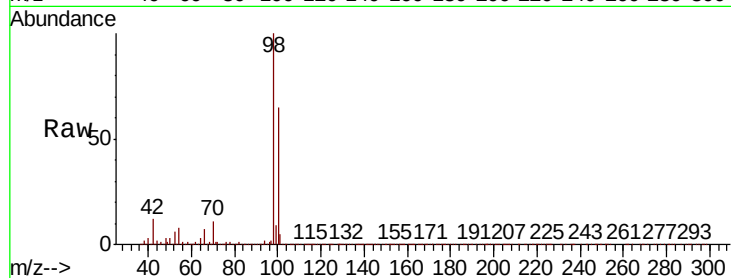
SA-PZ194I-20191208

Tot Ion: 98 Resp: 1029489

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.554 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013979.D

Acq: 12 Dec 2019 16:46

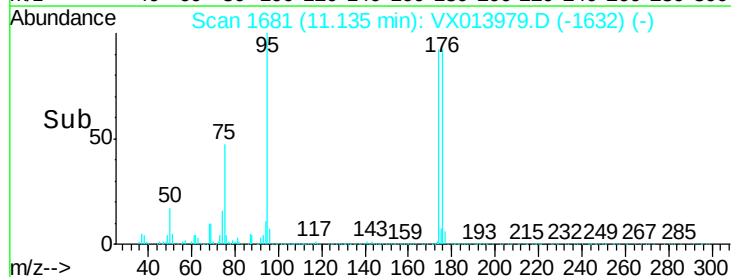
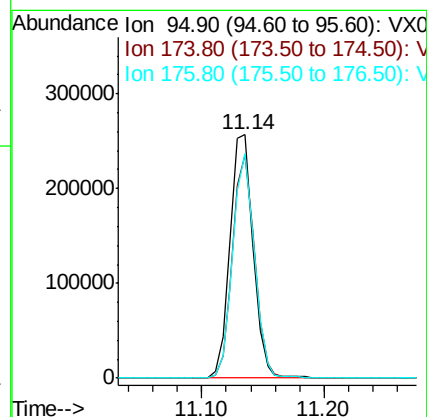
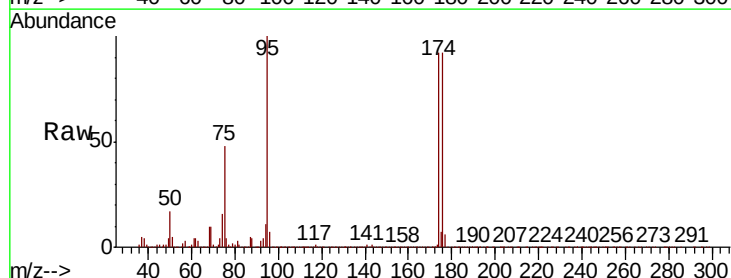
Tgt Ion: 95 Resp: 334947

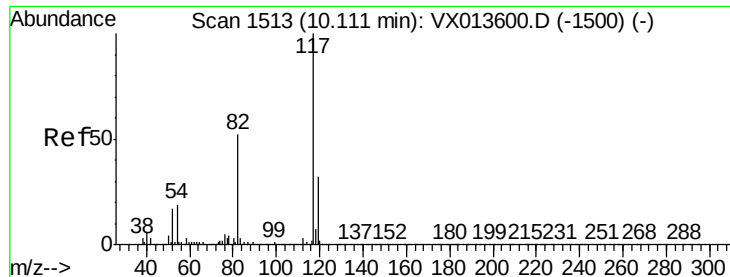
Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

176 86.8 0.0 173.6

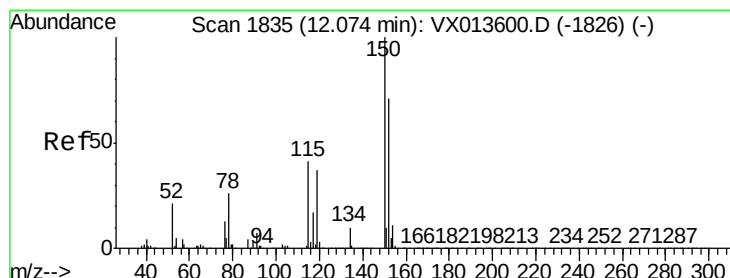
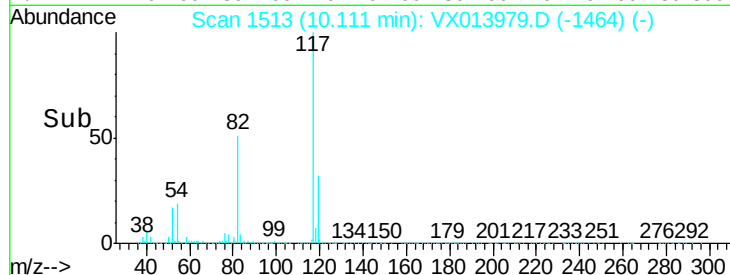
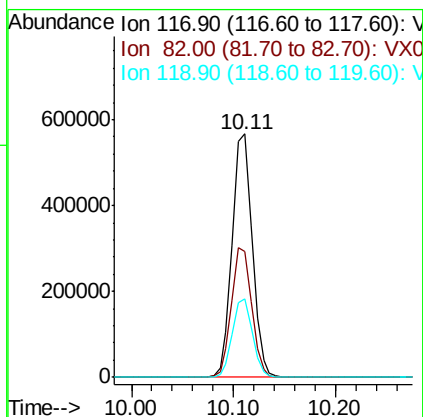
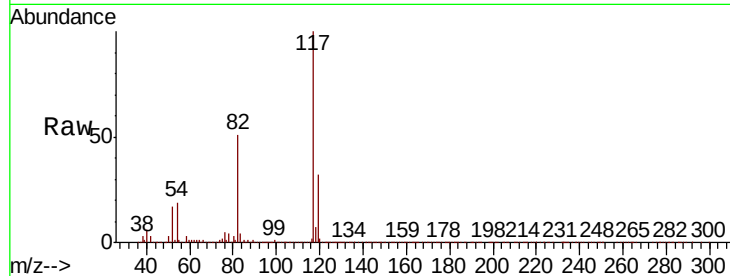




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013979.D
Acq: 12 Dec 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ194I-20191208

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.8	62.8
119	32.1	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: VX013979.D
Acq: 12 Dec 2019 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.4	115.1
150	156.8	0.0	346.8

