

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013949.D
 Acq On : 11 Dec 2019 17:08
 Operator : JC/SP
 Sample : K6184-14DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20191203DL

Quant Time: Dec 12 07:38:29 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

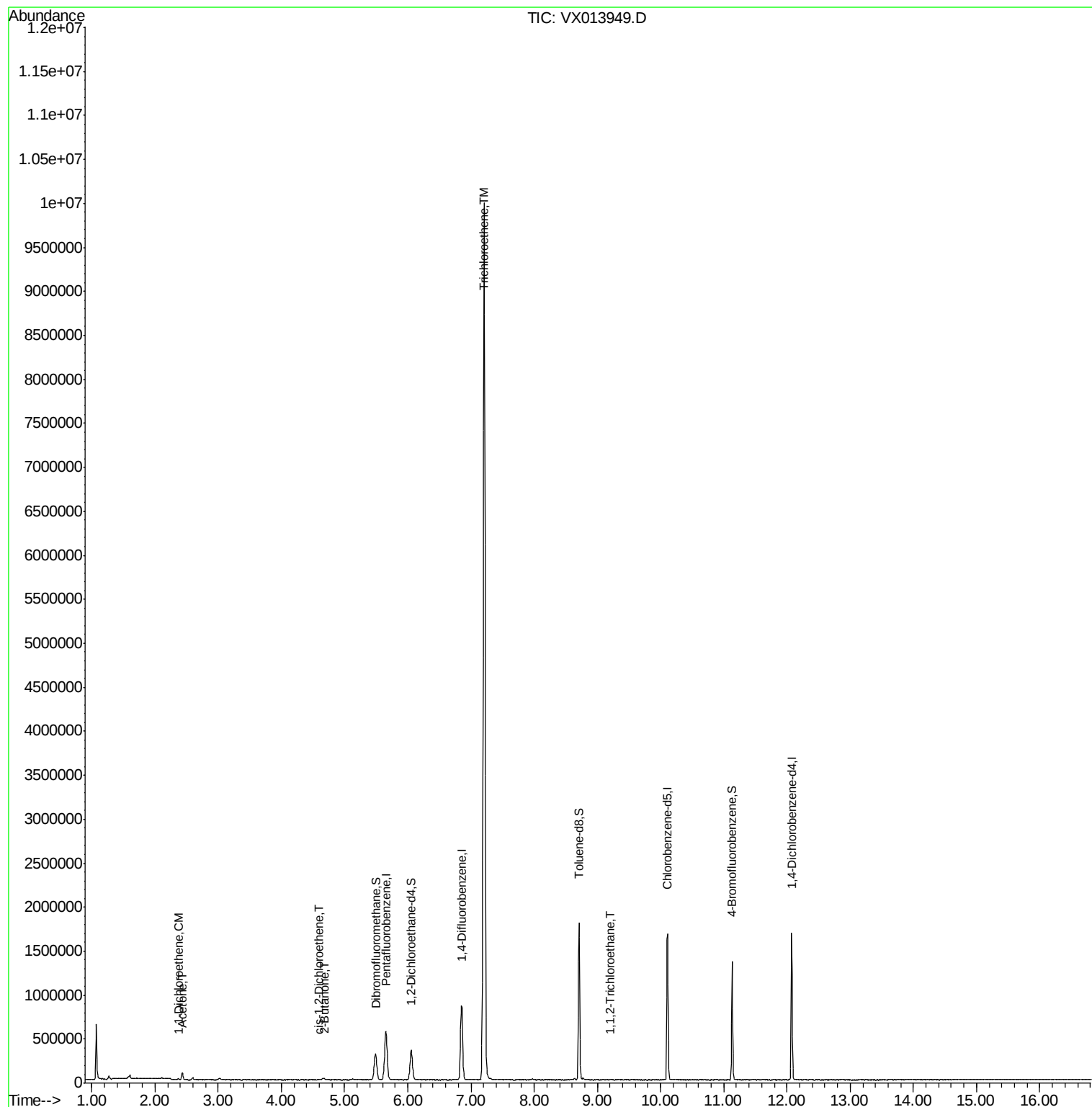
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	577636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	884955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	793184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	325864	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.49	113	264587	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	1054483	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	346384	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	3646	0.663	ug/l	88
16) Acetone	2.43	43	87718	26.498	ug/l	100
25) 2-Butanone	4.67	43	36006	7.319	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	5083	0.739	ug/l	89
44) Trichloroethene	7.21	130	3896728	580.326	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	3050	0.498	ug/l	92

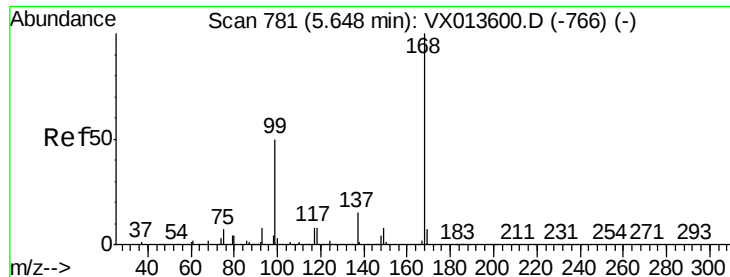
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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: VX013949.D

Acq: 11 Dec 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

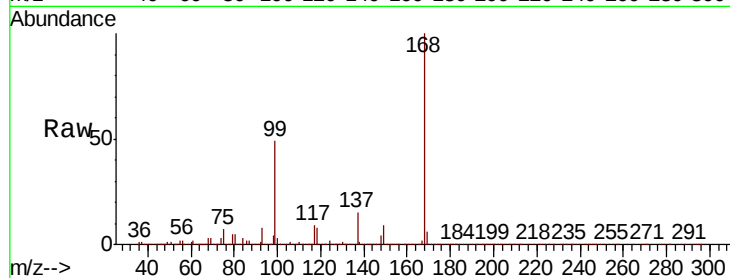
RE122D2-20191203DL

Tot Ion:168 Resp: 577636

Ion Ratio Lower Upper

168 100

99 49.3 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

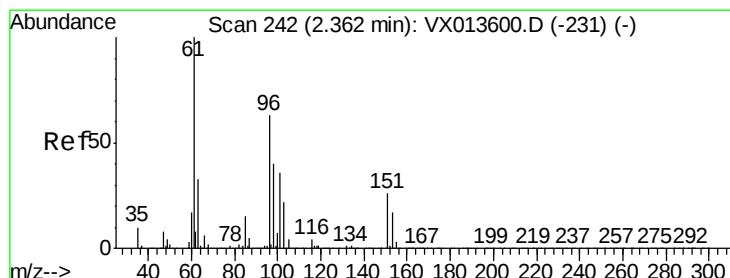
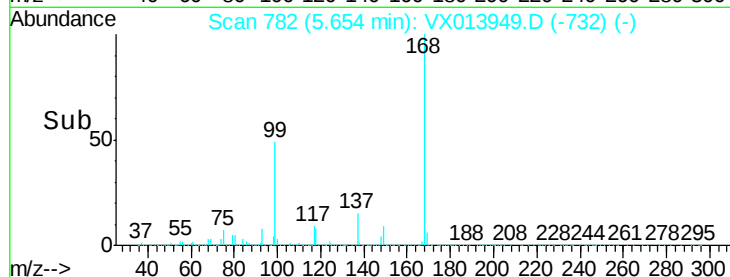
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.663 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

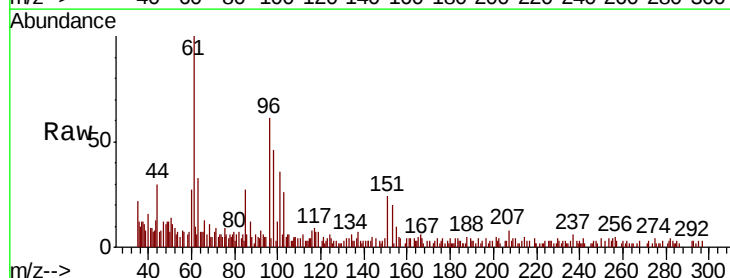
Tgt Ion: 96 Resp: 3646

Ion Ratio Lower Upper

96 100

61 173.6 126.6 190.0

98 73.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.37

4000

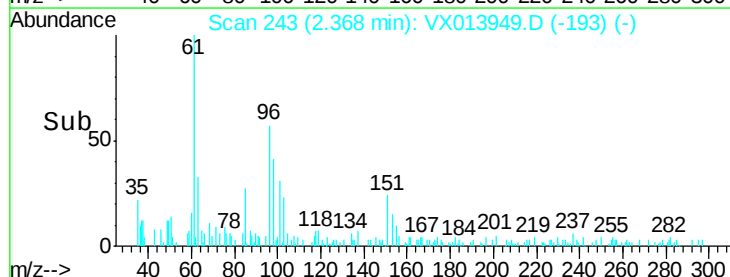
3000

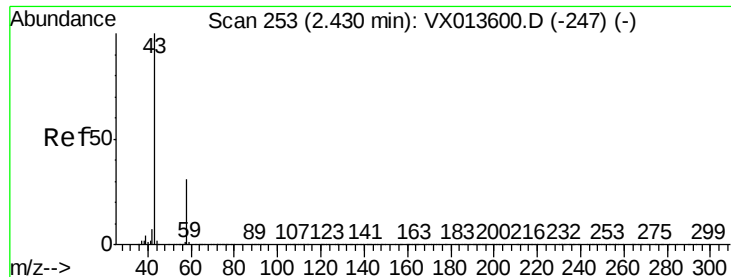
2000

1000

0

Time-->





#16

Acetone

Concen: 26.498 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

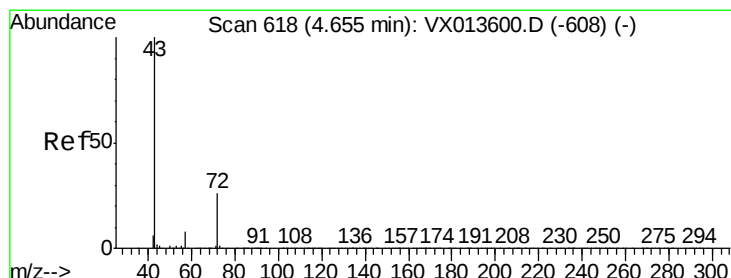
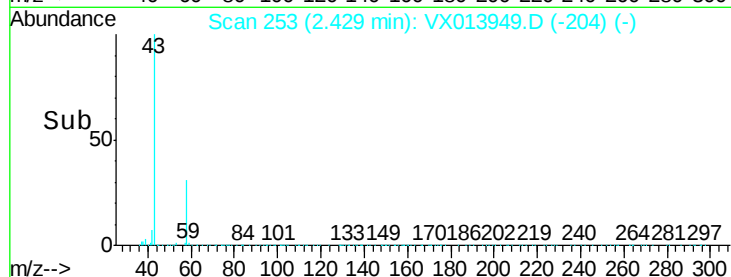
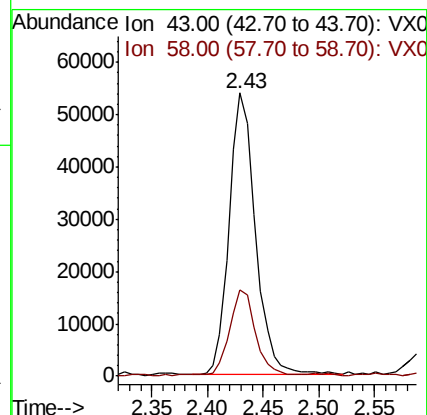
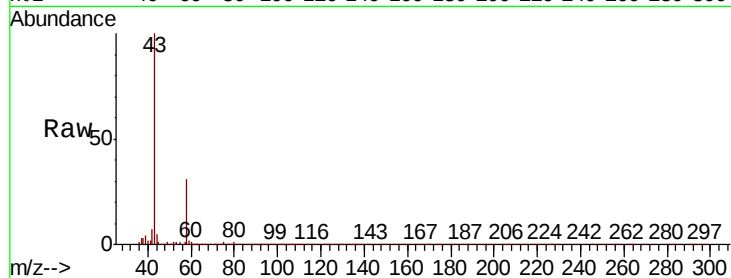
RE122D2-20191203DL

Tot Ion: 43 Resp: 87718

Ion Ratio Lower Upper

43 100

58 30.5 24.6 36.8



#25

2-Butanone

Concen: 7.319 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013949.D

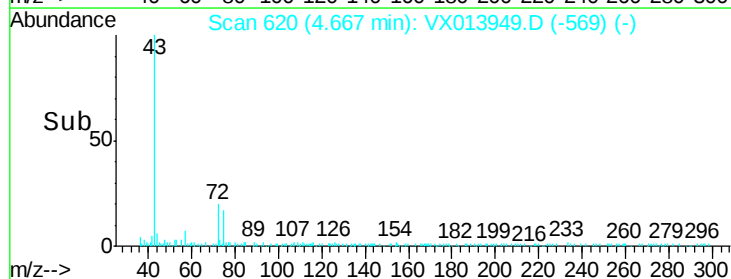
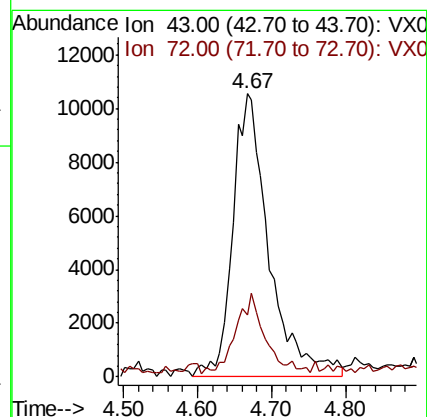
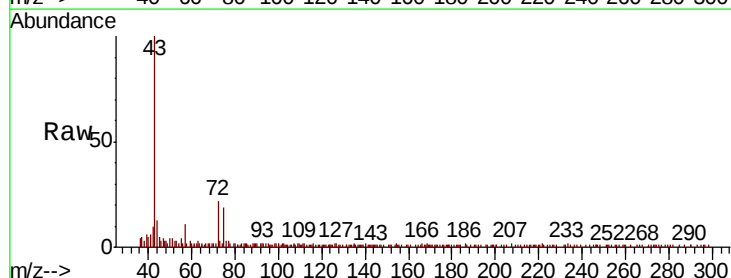
Acq: 11 Dec 2019 17:08

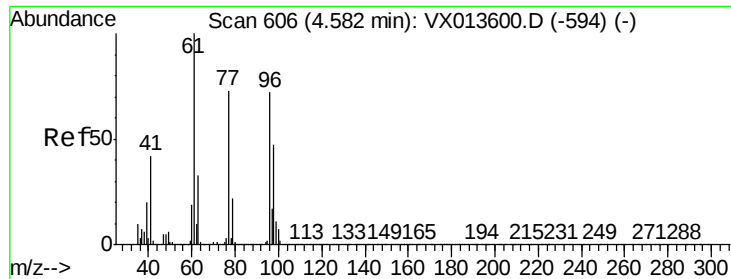
Tgt Ion: 43 Resp: 36006

Ion Ratio Lower Upper

43 100

72 18.4 20.6 31.0#





#27

cis-1,2-Dichloroethene

Concen: 0.739 ug/l

RT: 4.60 min Scan# 609

Delta R.T. 0.02 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

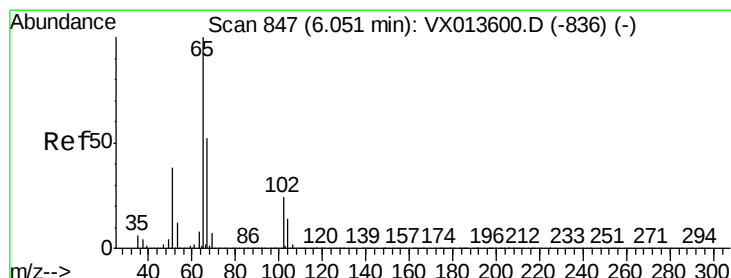
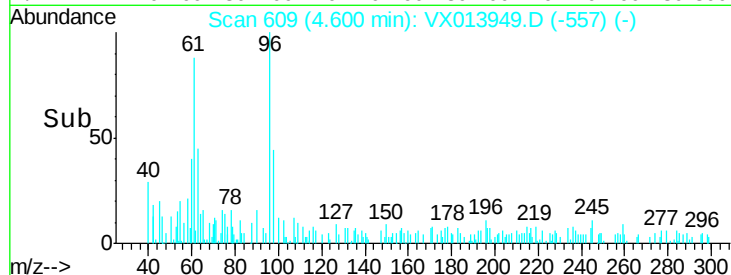
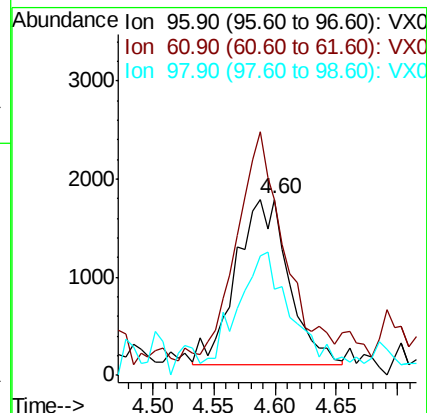
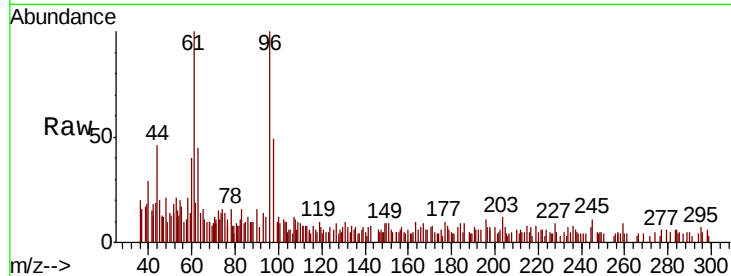
Tot Ion: 96 Resp: 5083

Ion Ratio Lower Upper

96 100

61 124.9 0.0 286.4

98 65.4 0.0 127.4



#33

1,2-Dichloroethane-d4

Concen: 48.600 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013949.D

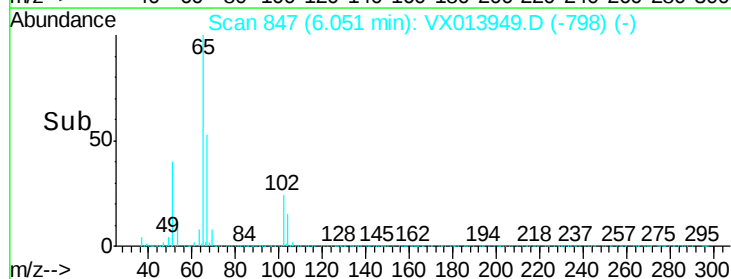
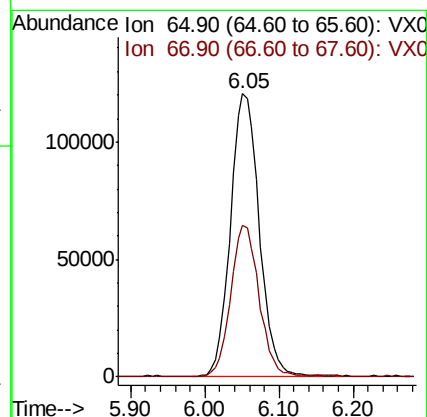
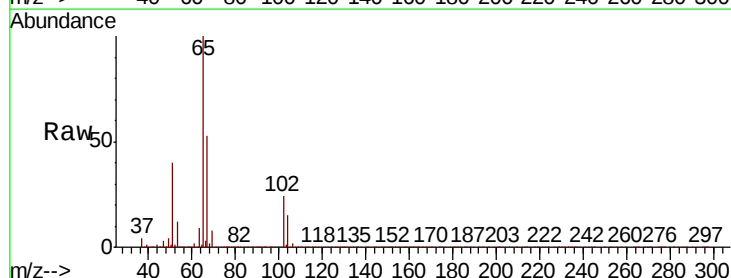
Acq: 11 Dec 2019 17:08

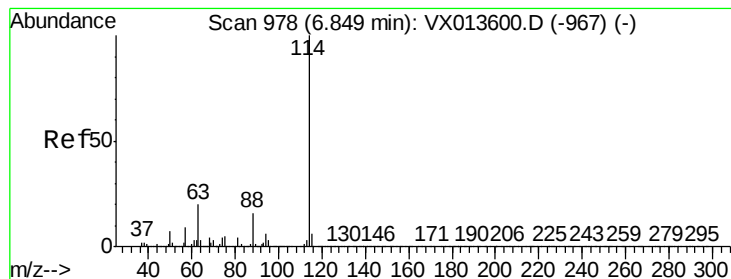
Tgt Ion: 65 Resp: 325864

Ion Ratio Lower Upper

65 100

67 52.1 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: VX013949.D

Acq: 11 Dec 2019 17:08

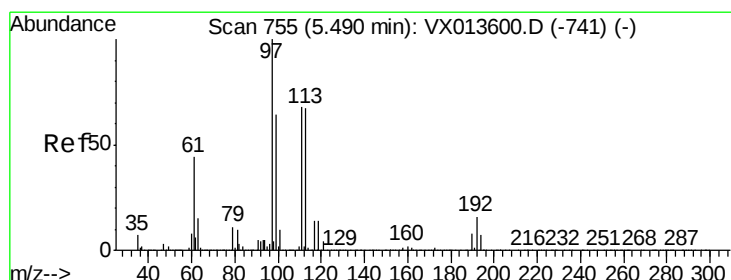
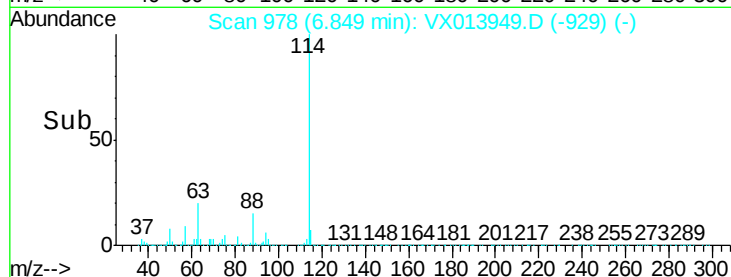
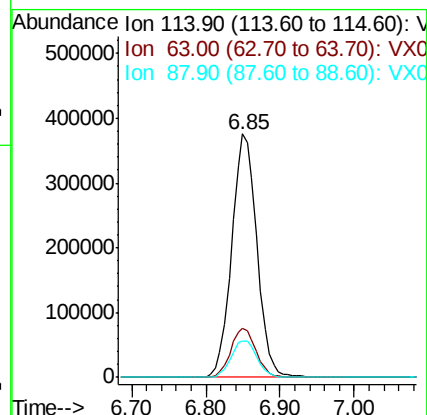
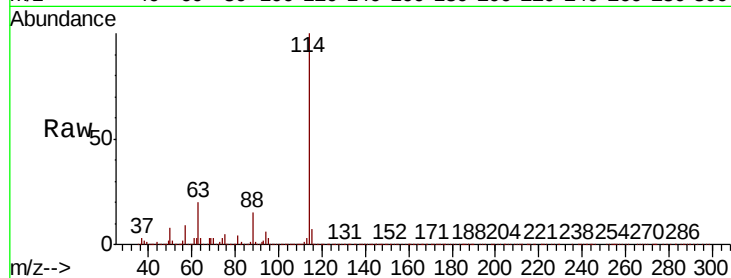
Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

Tot Ion:	114	Resp:	884955
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	15.0	0.0	31.4



#35

Dibromofluoromethane

Concen: 48.363 ug/l

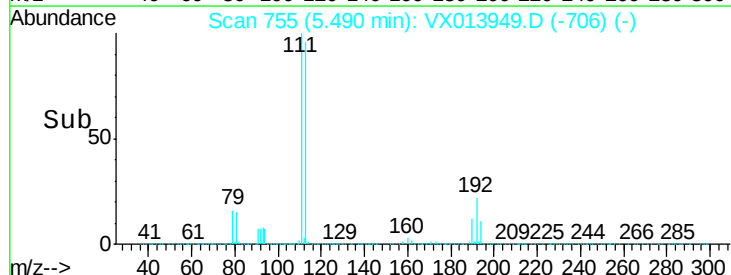
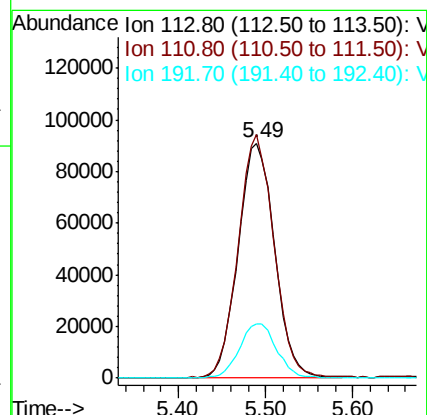
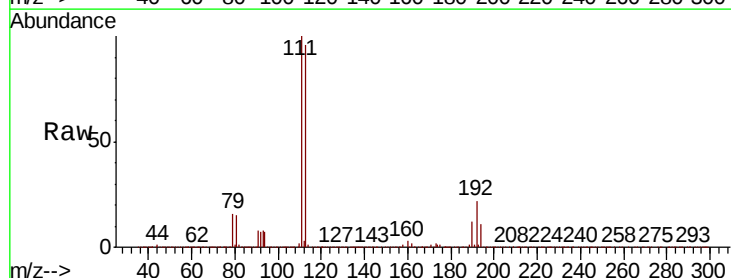
RT: 5.49 min Scan# 755

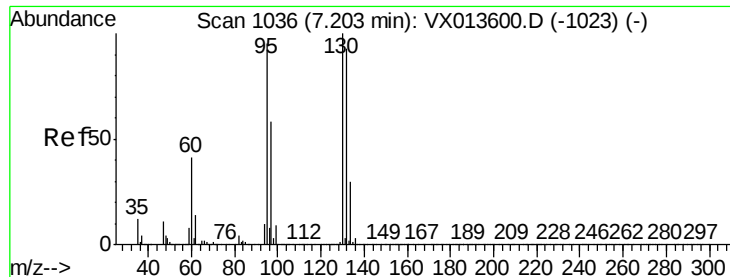
Delta R.T. -0.00 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

Tgt Ion:	113	Resp:	264587
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.7	19.2	28.8





#44

Trichloroethene

Concen: 580.326 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

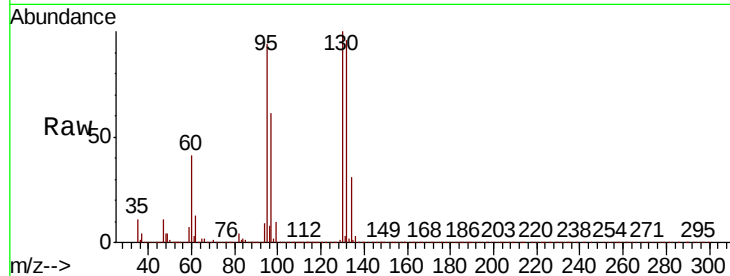
RE122D2-20191203DL

Tot Ion:130 Resp: 3896728

Ion Ratio Lower Upper

130 100

95 93.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2000000

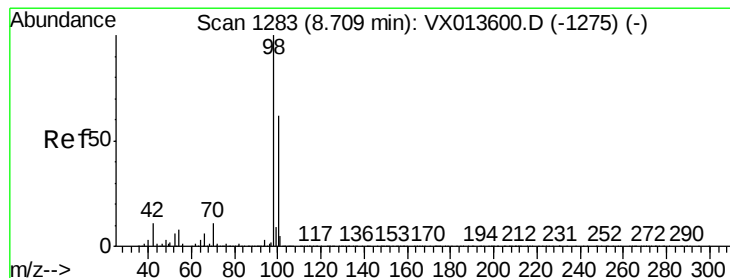
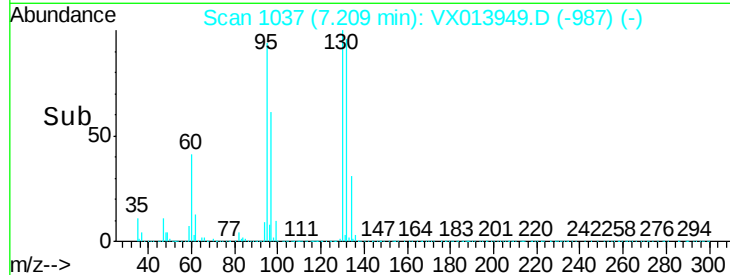
1500000

1000000

500000

0

Time-->



#50

Toluene-d8

Concen: 49.471 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013949.D

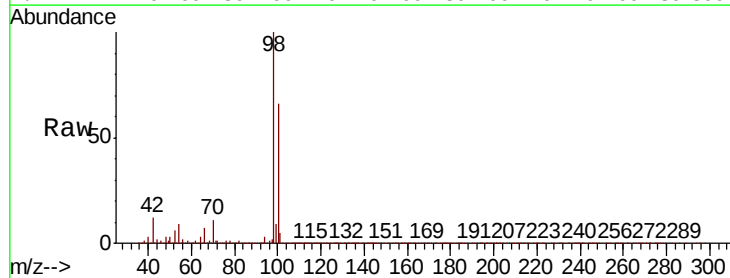
Acq: 11 Dec 2019 17:08

Tgt Ion: 98 Resp: 1054483

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

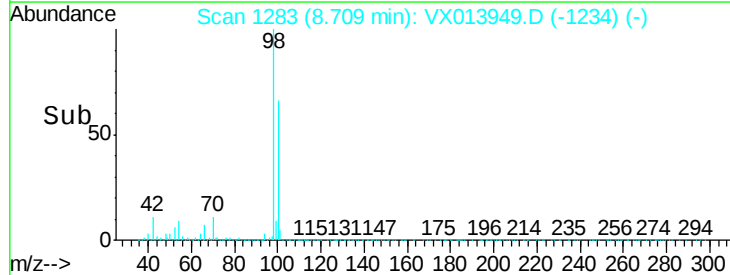
600000

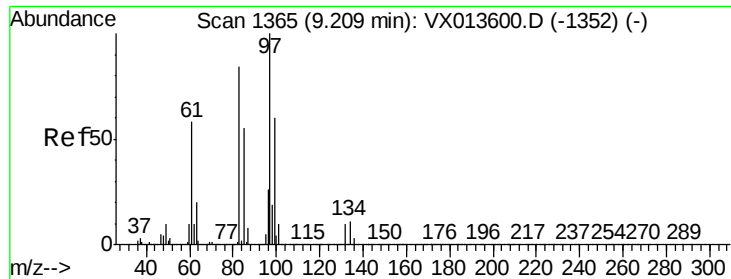
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.498 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

Tot Ion: 97 Resp: 3050

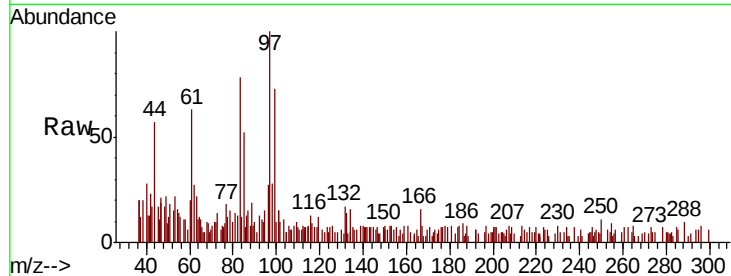
Ion Ratio Lower Upper

97 100

83 72.7 67.3 100.9

85 52.8 43.6 65.4

99 65.1 48.2 72.4

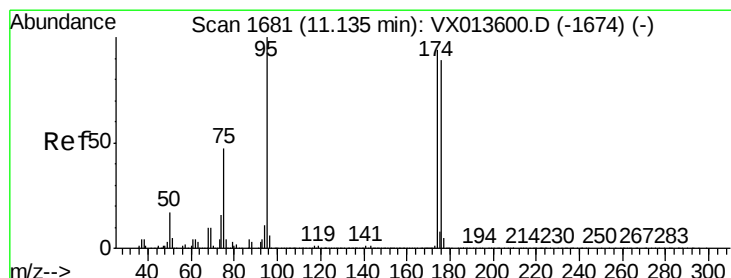
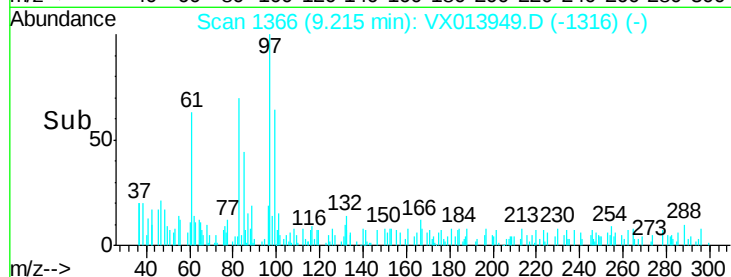
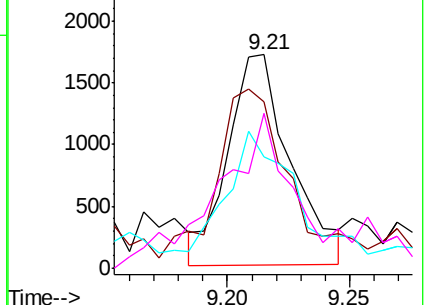


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 45.065 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013949.D

Acq: 11 Dec 2019 17:08

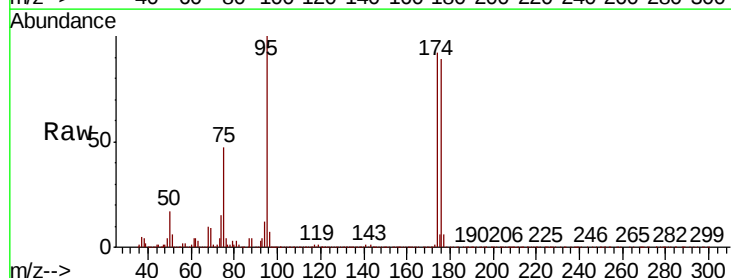
Tgt Ion: 95 Resp: 346384

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

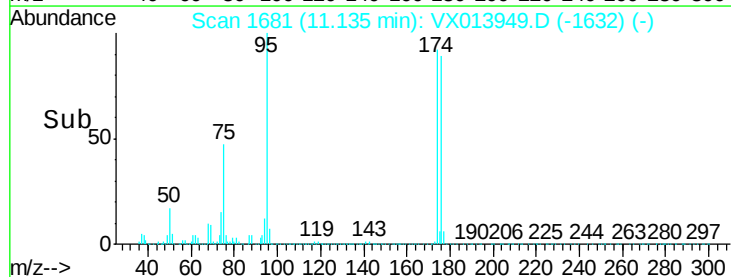
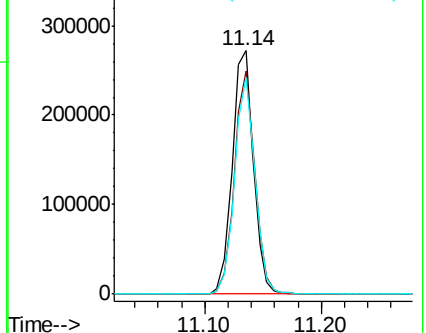
176 85.9 0.0 173.6

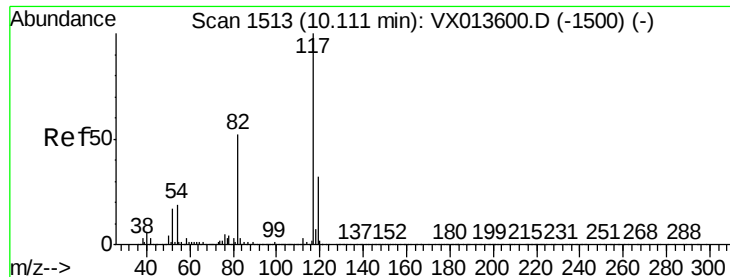


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

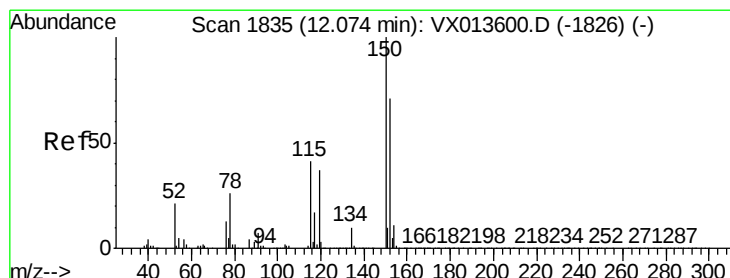
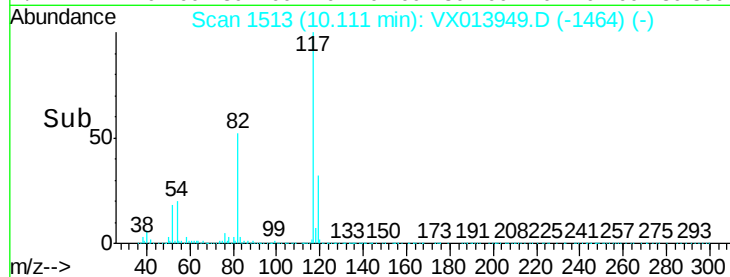
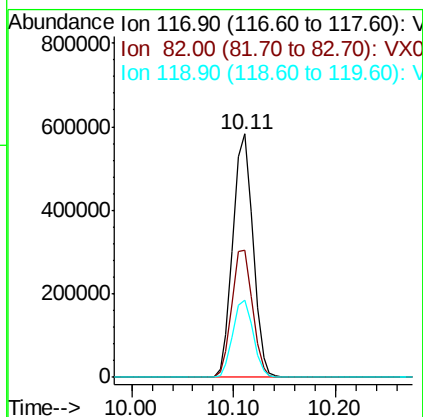
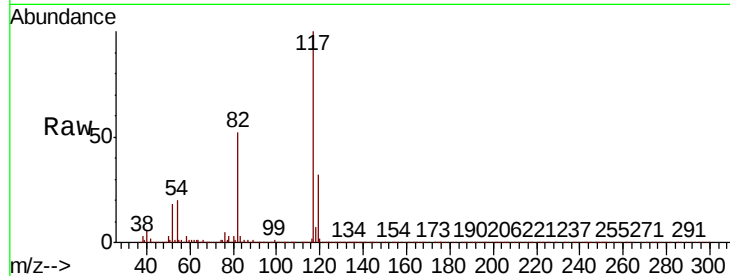




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013949.D
Acq: 11 Dec 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20191203DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	31.9	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: VX013949.D
Acq: 11 Dec 2019 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	156.5	0.0	346.8

