

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013731.D
 Acq On : 03 Dec 2019 17:44
 Operator : JC/SP
 Sample : K5984-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0196

Quant Time: Dec 04 12:05:52 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

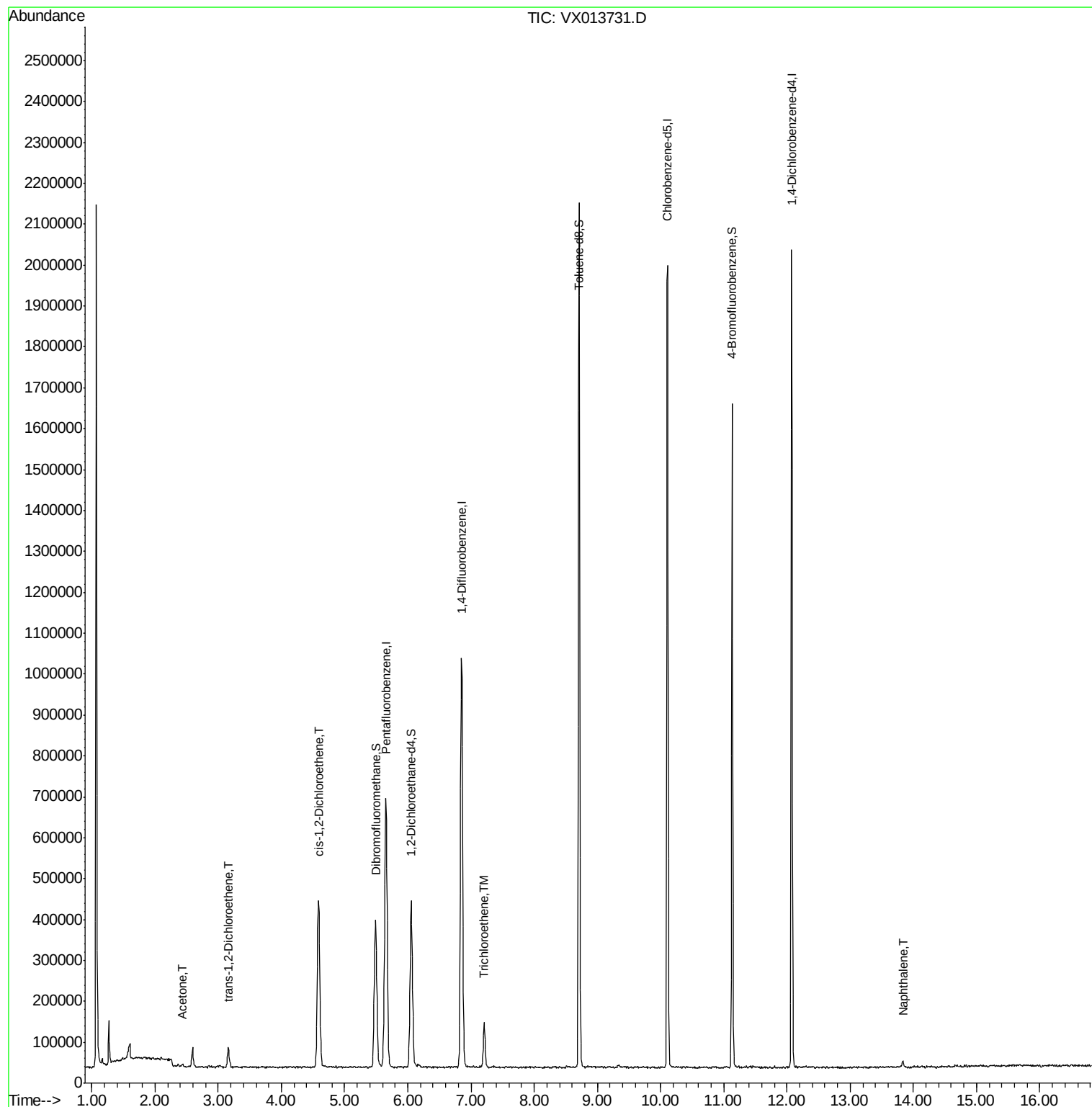
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	691329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1053003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	935736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	377848	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	5.49	113	312473	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1246782	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.14	95	424650	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	8805	2.222	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	22388	3.124	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	266622	32.393	ug/l	89
44) Trichloroethene	7.21	130	46708	5.846	ug/l	92
95) Naphthalene	13.83	128	12794	0.445	ug/l #	96

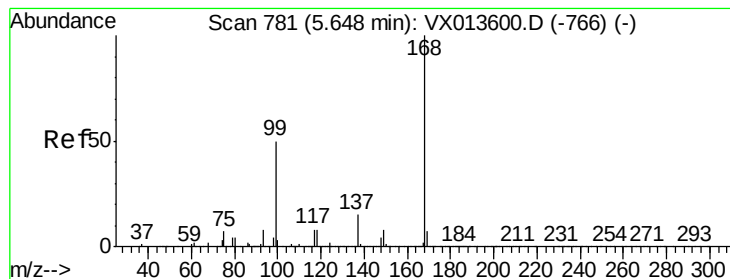
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013731.D

Acq: 03 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

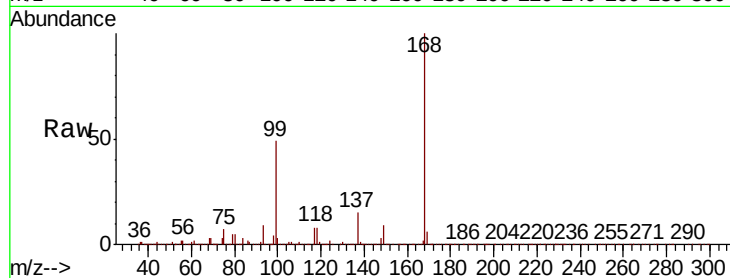
S39-0196

Tot Ion:168 Resp: 691329

Ion Ratio Lower Upper

168 100

99 49.4 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

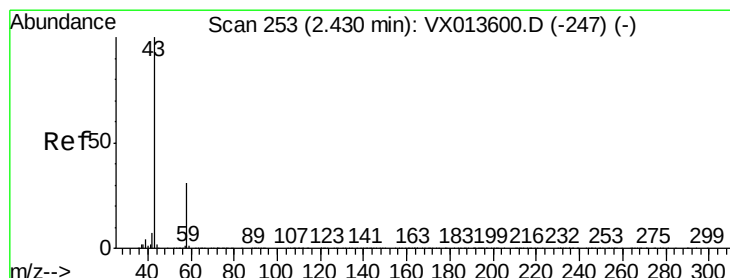
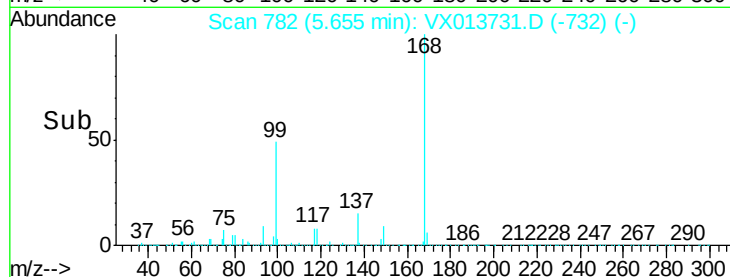
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.222 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013731.D

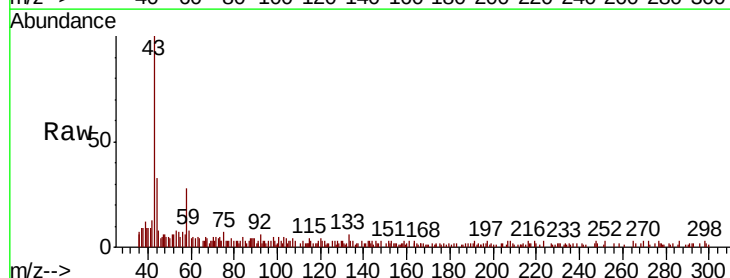
Acq: 03 Dec 2019 17:44

Tgt Ion: 43 Resp: 8805

Ion Ratio Lower Upper

43 100

58 27.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

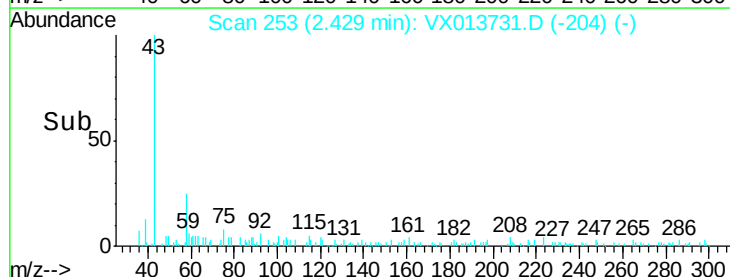
3000

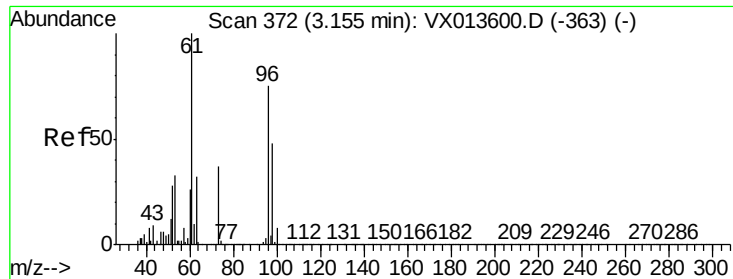
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#21

trans-1,2-Dichloroethene

Concen: 3.124 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013731.D

Acq: 03 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

S39-0196

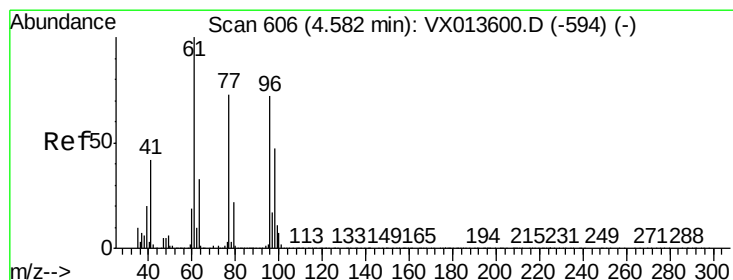
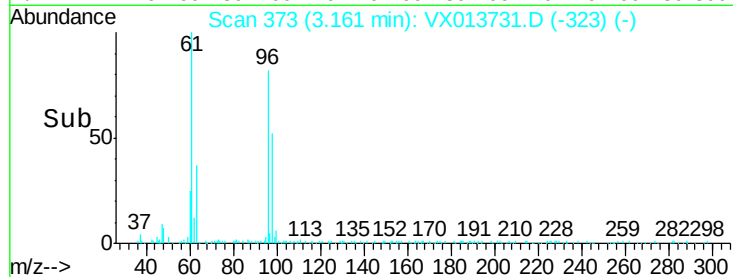
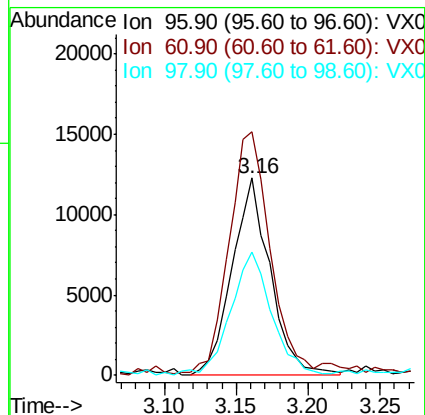
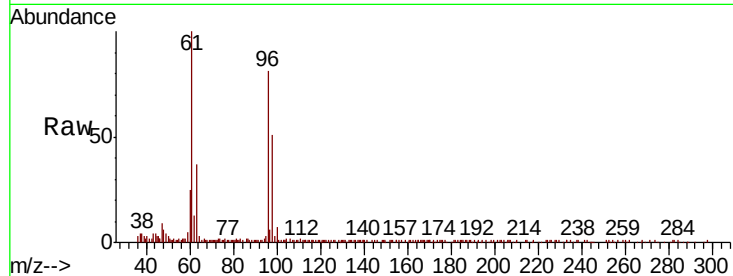
Tot Ion: 96 Resp: 22388

Ion Ratio Lower Upper

96 100

61 121.1 107.2 160.8

98 60.4 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 32.393 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013731.D

Acq: 03 Dec 2019 17:44

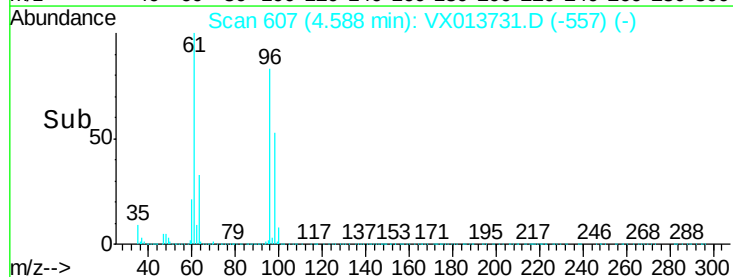
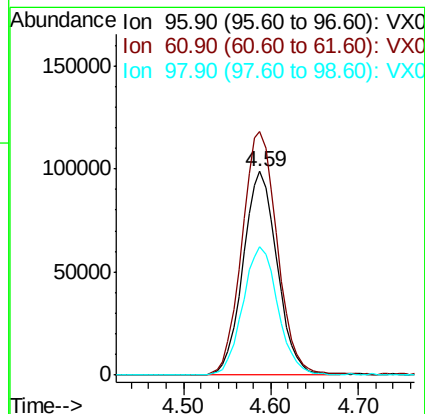
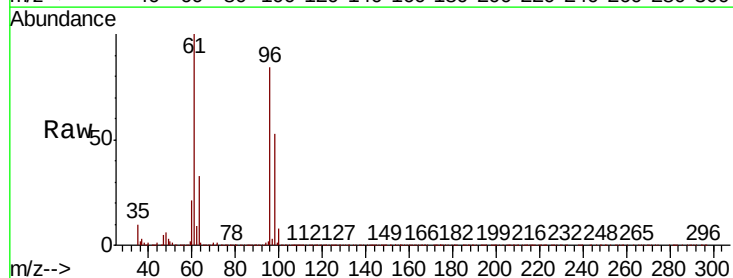
Tgt Ion: 96 Resp: 266622

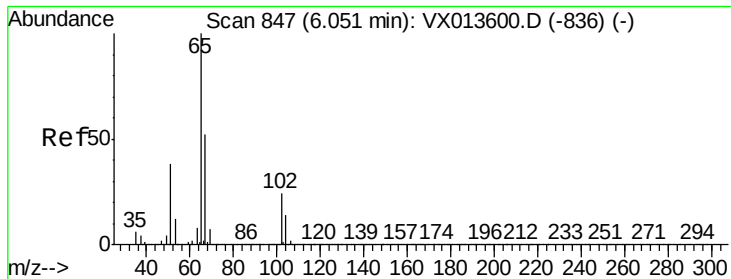
Ion Ratio Lower Upper

96 100

61 123.3 0.0 286.4

98 64.5 0.0 127.4

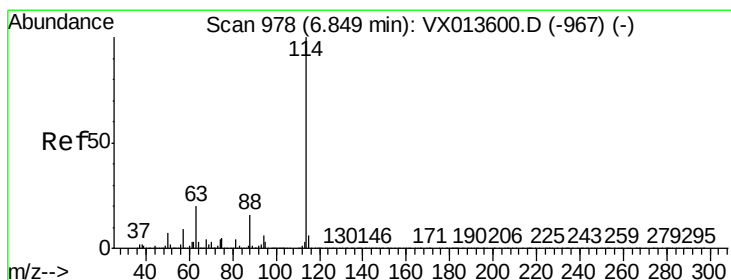
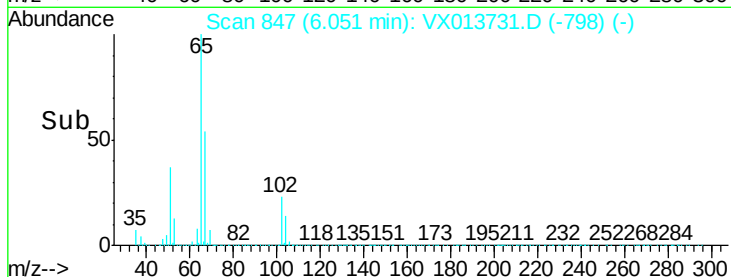
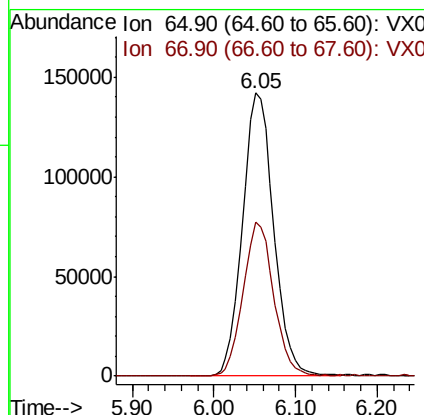
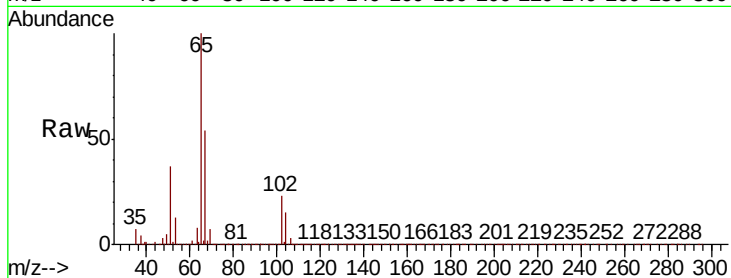




#33
 1,2-Dichloroethane-d4
 Concen: 47.085 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013731.D
 Acq: 03 Dec 2019 17:44

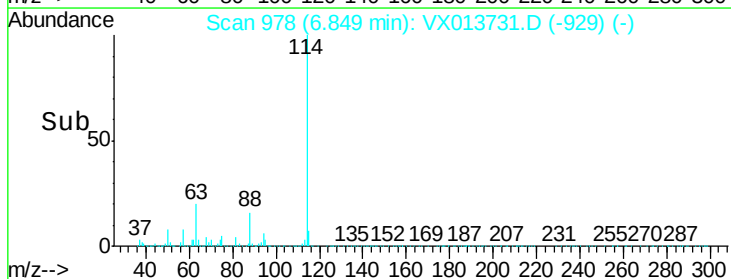
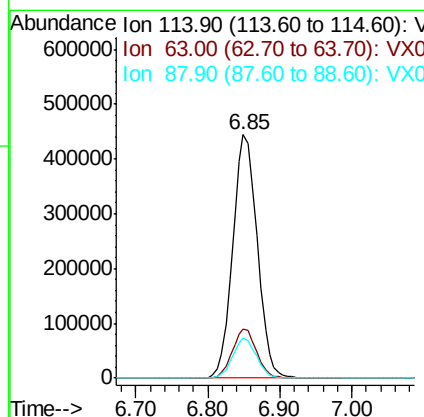
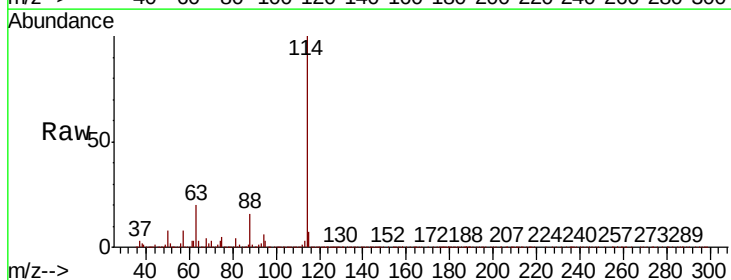
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0196

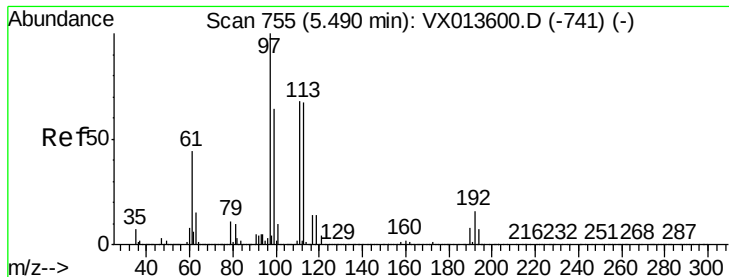
Tot Ion: 65 Resp: 377848
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013731.D
 Acq: 03 Dec 2019 17:44

Tgt Ion: 114 Resp: 1053003
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.000 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013731.D

Acq: 03 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

S39-0196

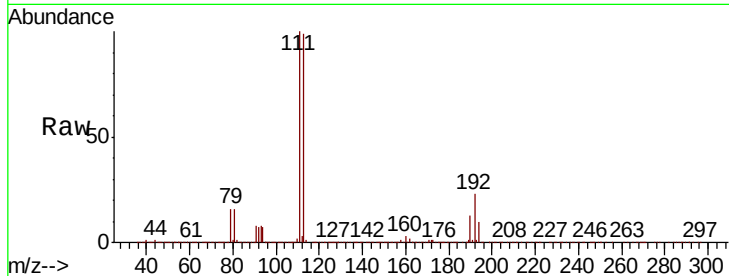
Tot Ion:113 Resp: 312473

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

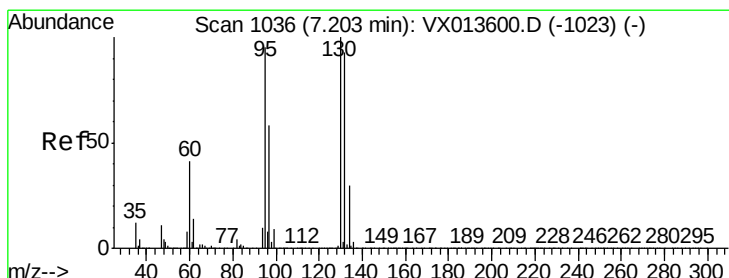
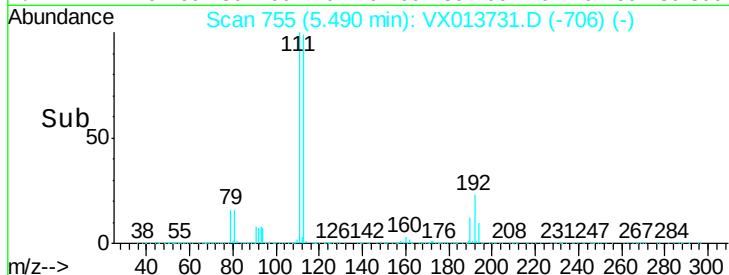
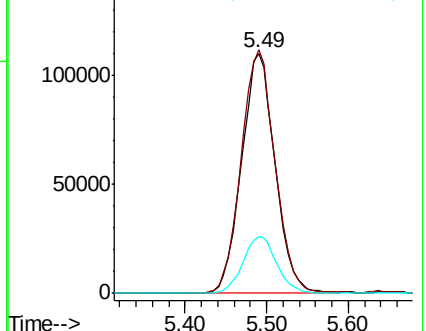
192 23.9 19.2 28.8



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



#44

Trichloroethene

Concen: 5.846 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013731.D

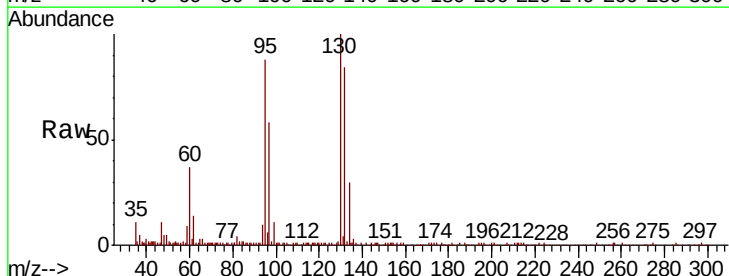
Acq: 03 Dec 2019 17:44

Tgt Ion:130 Resp: 46708

Ion Ratio Lower Upper

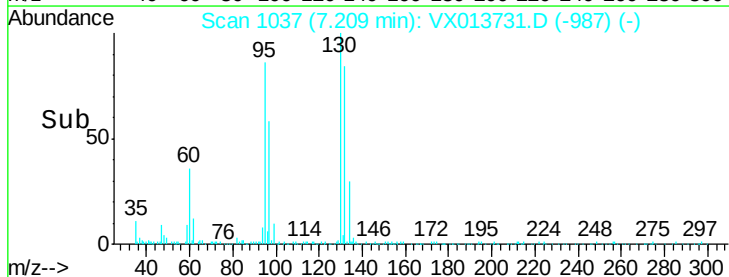
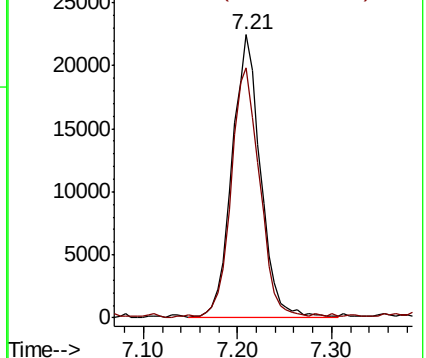
130 100

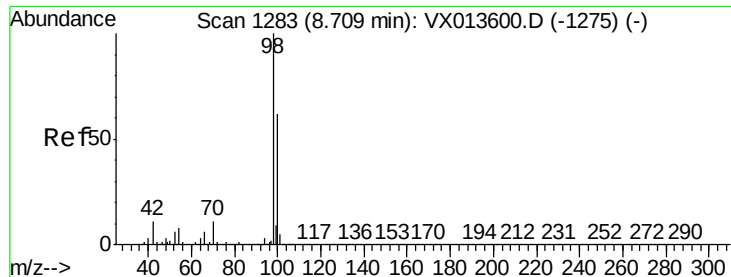
95 87.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

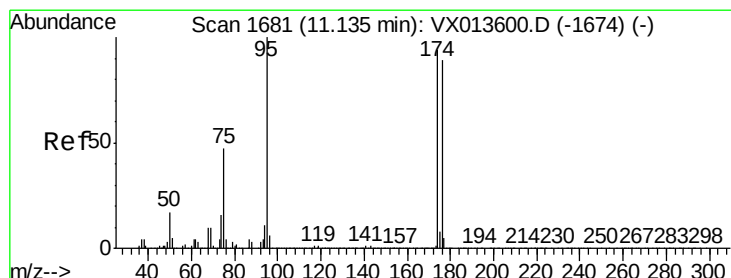
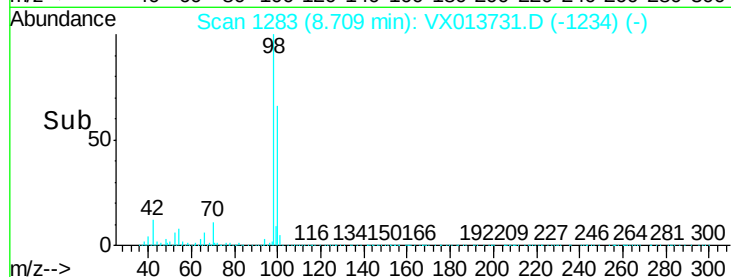
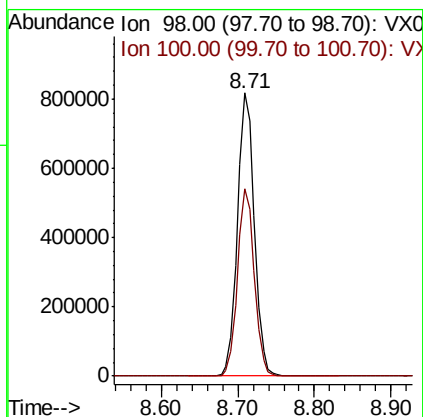
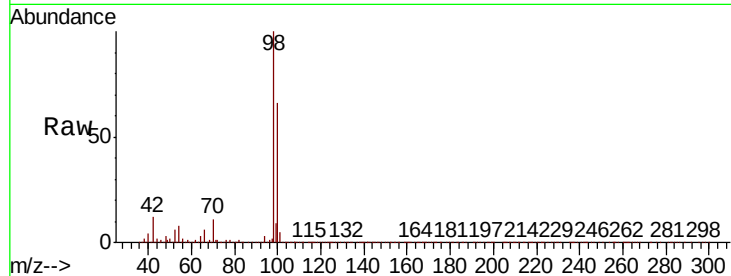




#50
Toluene-d8
Concen: 49.158 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013731.D
Acq: 03 Dec 2019 17:44

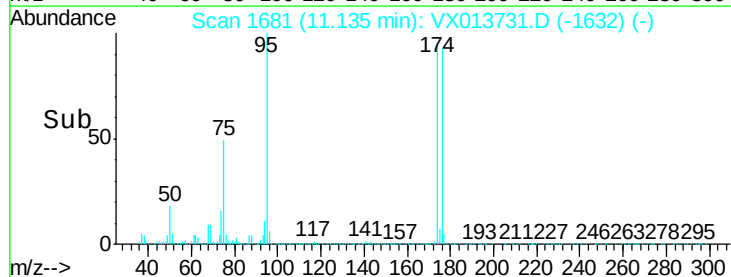
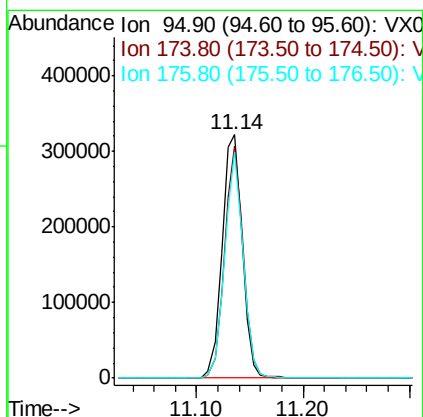
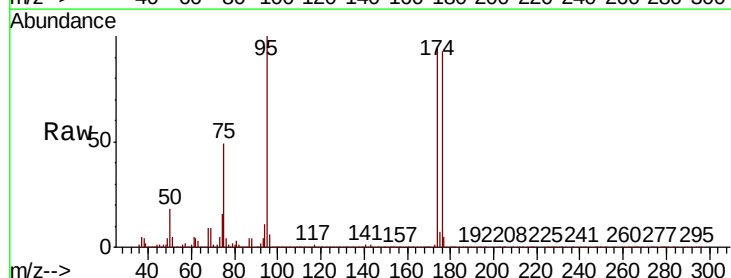
Instrument :
MSVOA_X
ClientSampleId :
S39-0196

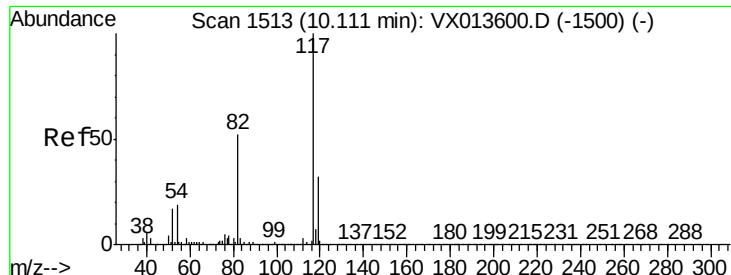
Tot Ion: 98 Resp: 1246782
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.430 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013731.D
Acq: 03 Dec 2019 17:44

Tgt Ion: 95 Resp: 424650
Ion Ratio Lower Upper
95 100
174 88.8 0.0 180.0
176 85.8 0.0 173.6

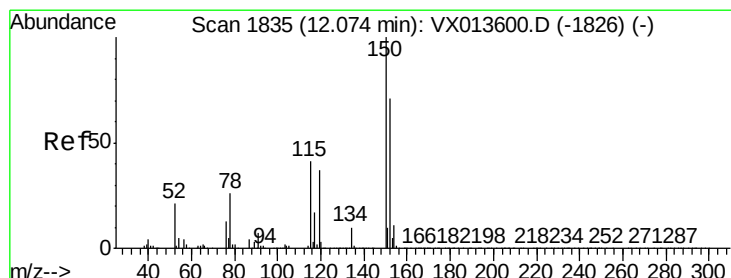
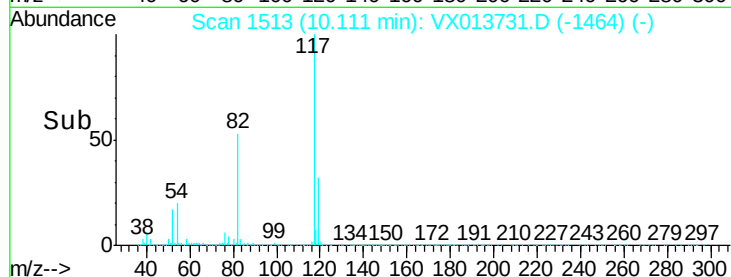
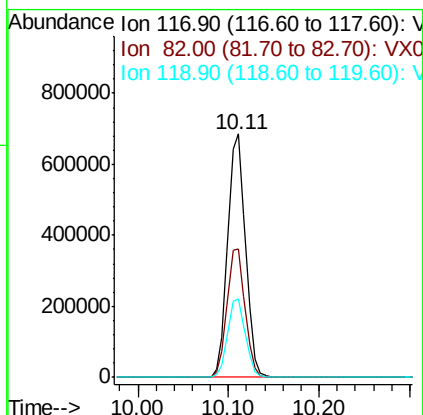
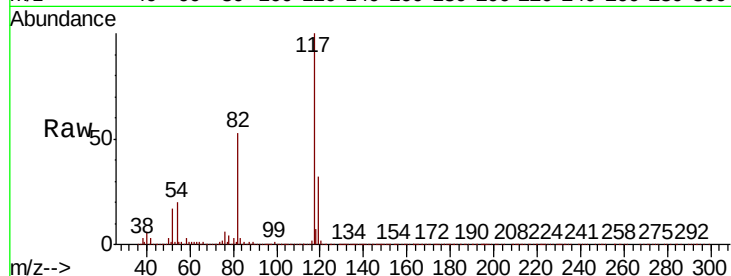




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013731.D
Acq: 03 Dec 2019 17:44

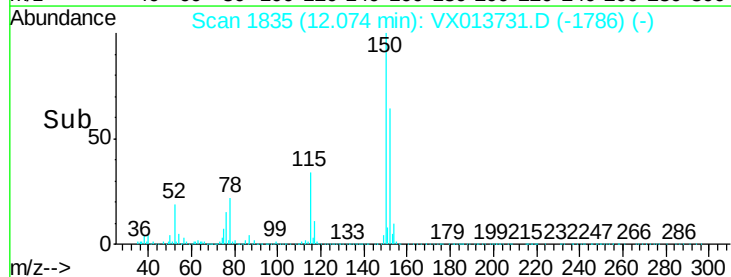
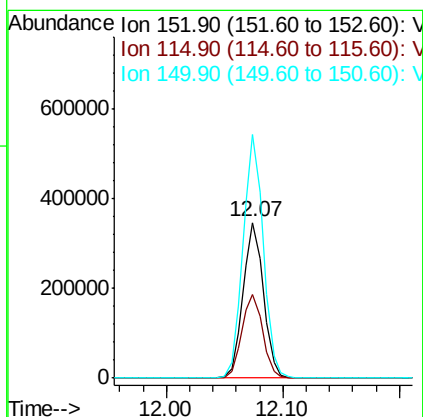
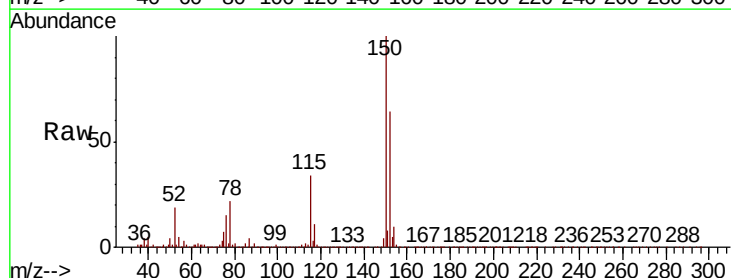
Instrument :
MSVOA_X
ClientSampled :
S39-0196

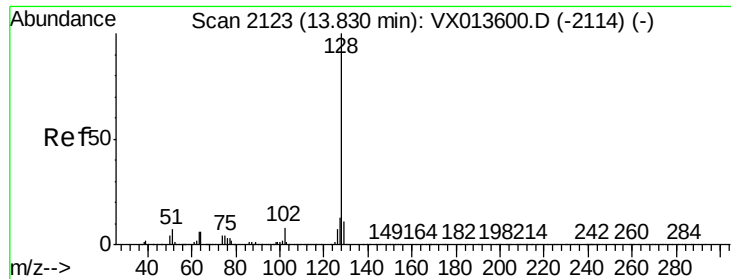
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013731.D
Acq: 03 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.4	115.1
150	155.9	0.0	346.8





#95
Naphthalene
Concen: 0.445 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013731.D
Acq: 03 Dec 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
S39-0196

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.3	15.5#
129	10.8	8.7	13.1

