

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013704.D
 Acq On : 29 Nov 2019 16:23
 Operator : JC/SP
 Sample : K5965-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0192

Quant Time: Dec 02 06:51:48 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

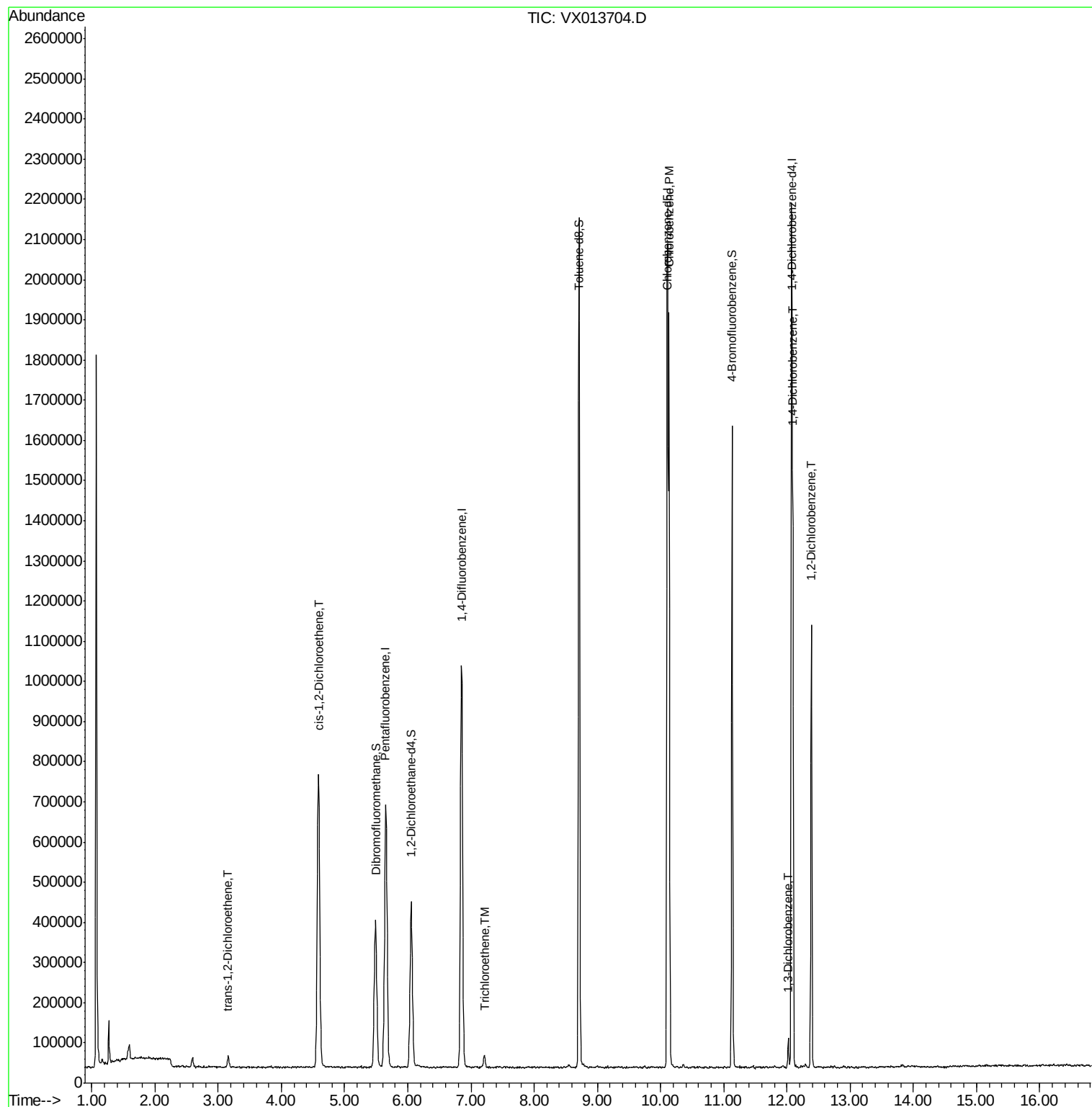
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1053736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	939269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	433084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379809	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	5.49	113	316105	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1252428	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	423635	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.16	96	11809	1.660	ug/l	89
27) cis-1,2-Dichloroethene	4.58	96	475978	58.260	ug/l	89
44) Trichloroethene	7.21	130	12819	1.603	ug/l	91
65) Chlorobenzene	10.14	112	825750	42.344	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	27157	1.898	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	391328	26.855	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	361725	25.591	ug/l	100

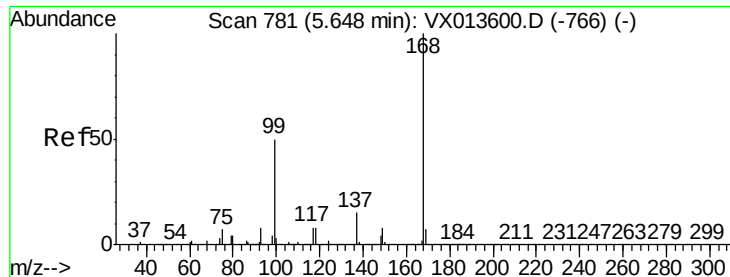
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013704.D

Acq: 29 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampled :

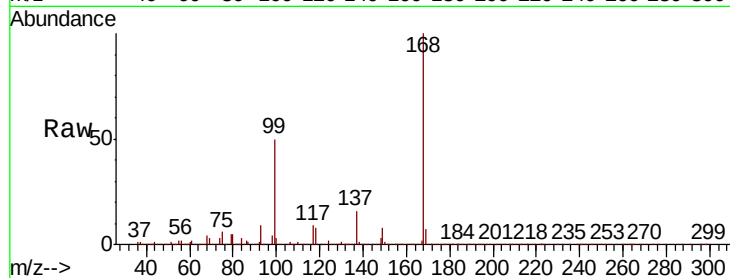
S39-0192

Tot Ion:168 Resp: 686209

Ion Ratio Lower Upper

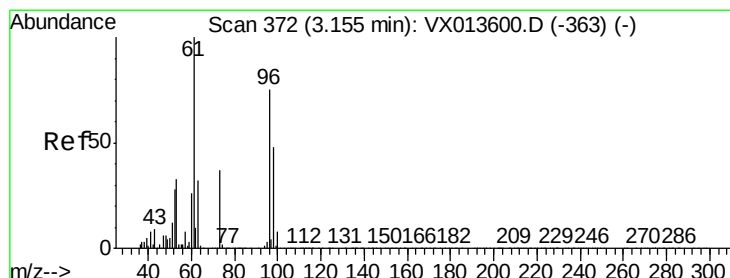
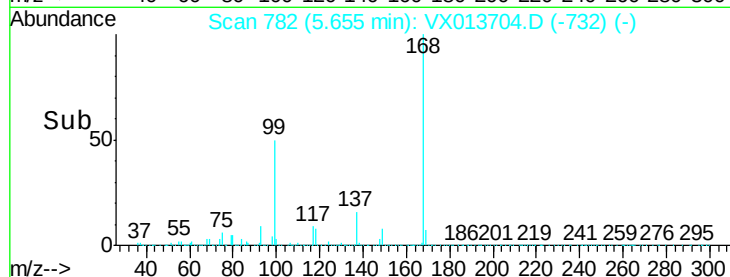
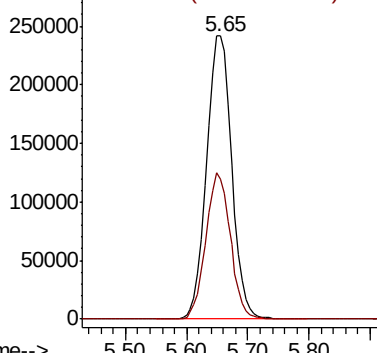
168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 1.660 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013704.D

Acq: 29 Nov 2019 16:23

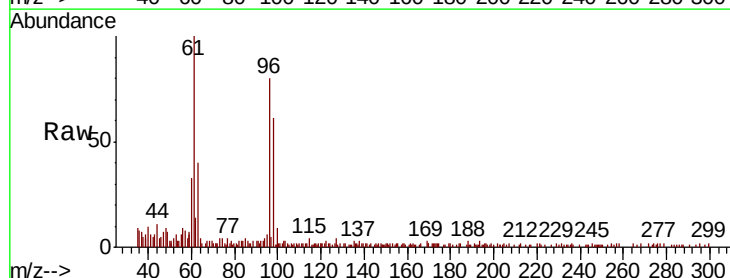
Tgt Ion: 96 Resp: 11809

Ion Ratio Lower Upper

96 100

61 122.3 107.2 160.8

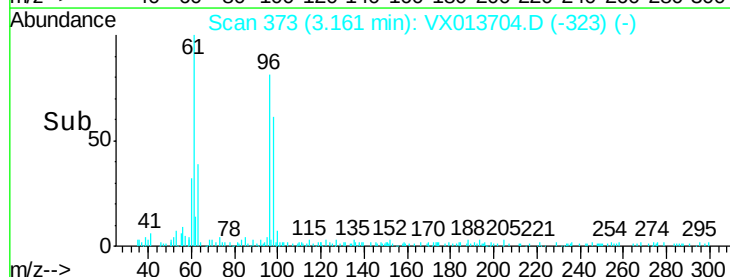
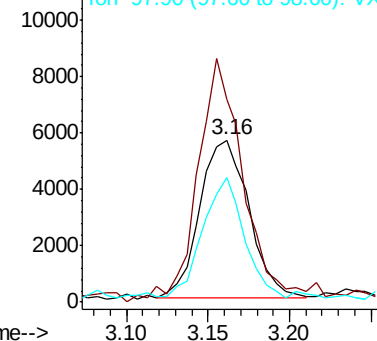
98 75.6 51.4 77.0

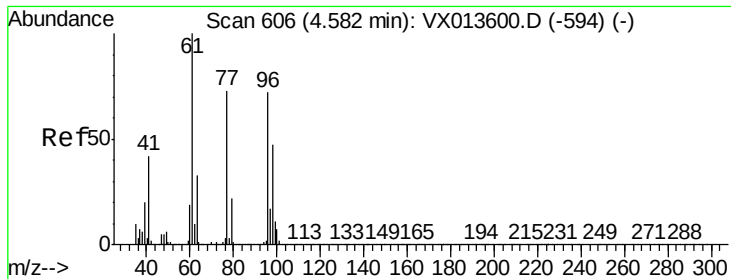


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



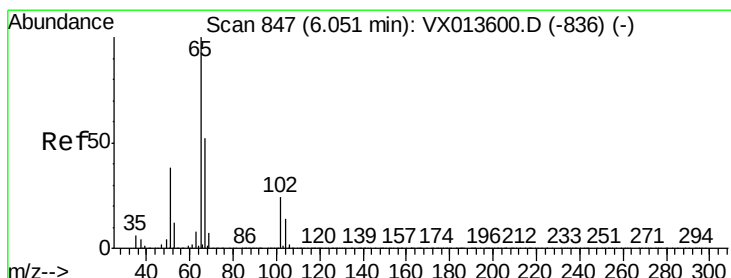
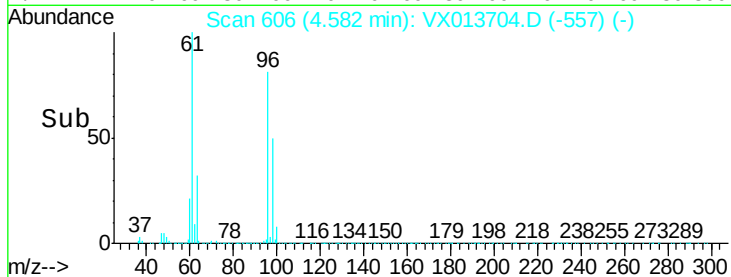
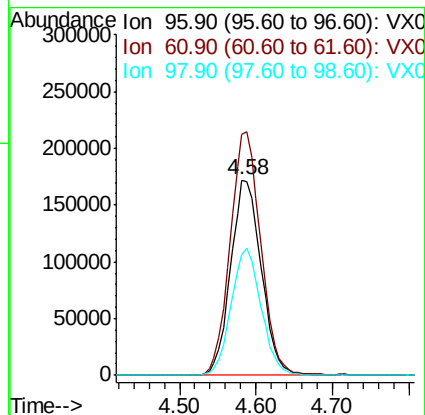
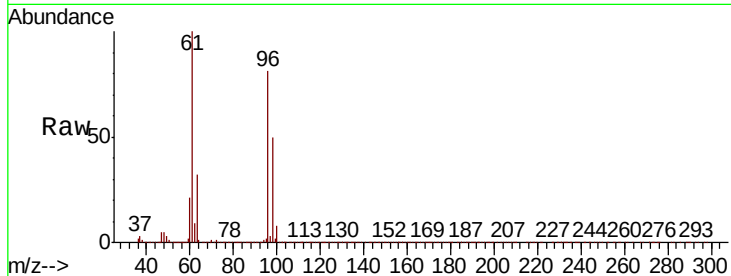


#27

cis-1,2-Dichloroethene
 Concen: 58.260 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX013704.D
 Acq: 29 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0192

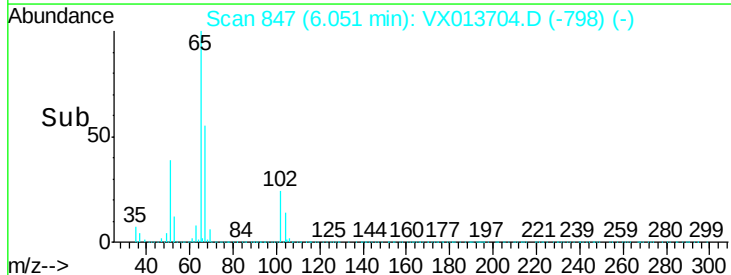
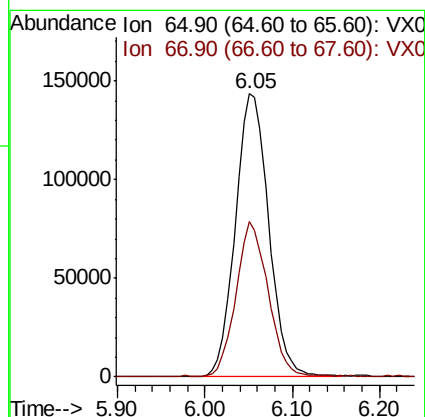
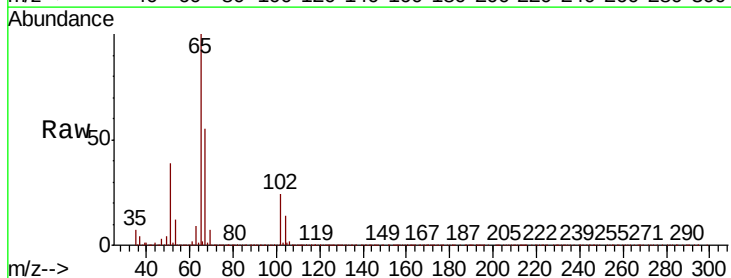
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	286.4
98	63.7	0.0	127.4

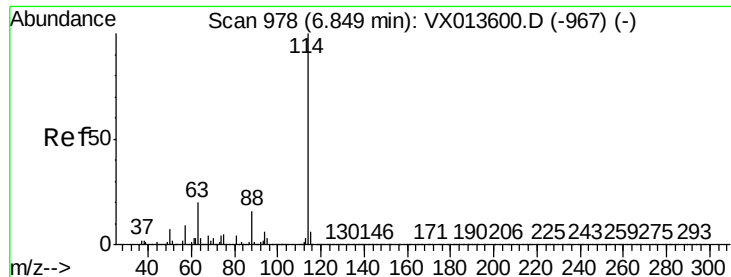


#33

1,2-Dichloroethane-d4
 Concen: 47.683 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013704.D
 Acq: 29 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.4

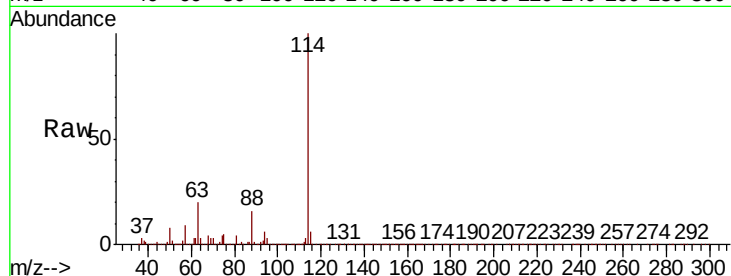




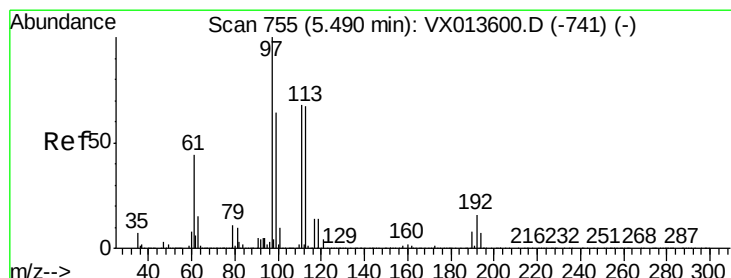
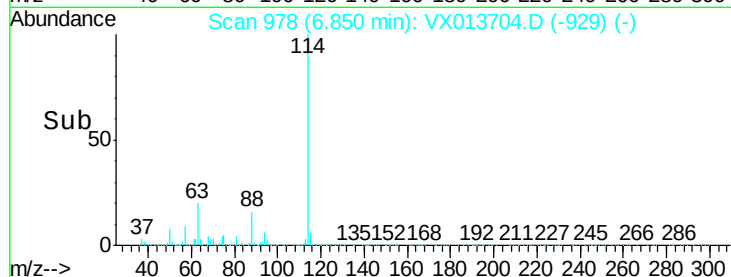
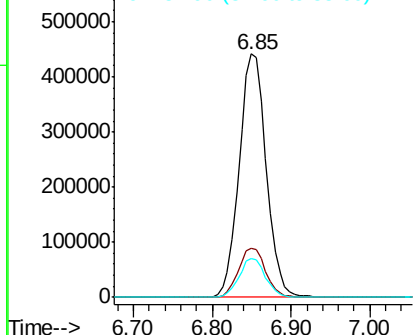
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013704.D
Acq: 29 Nov 2019 16:23

Instrument :
MSVOA_X
ClientSampled :
S39-0192

Tot Ion:114 Resp: 1053736
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.8 0.0 31.4

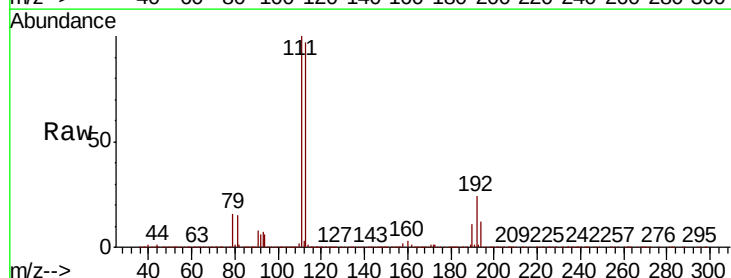


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

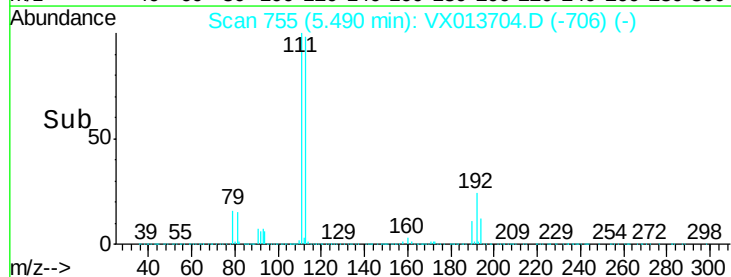
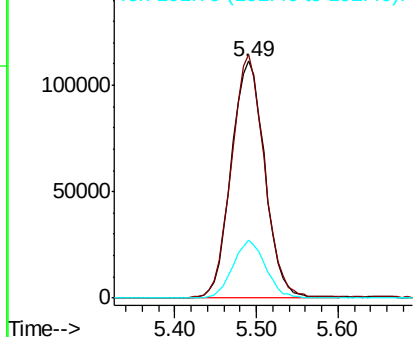


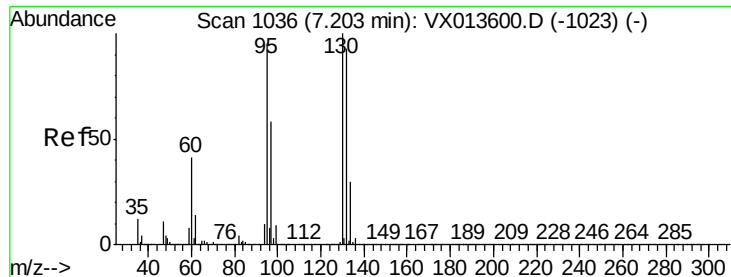
#35
Dibromofluoromethane
Concen: 48.525 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013704.D
Acq: 29 Nov 2019 16:23

Tgt Ion:113 Resp: 316105
Ion Ratio Lower Upper
113 100
111 100.7 83.6 125.4
192 23.7 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: 1.603 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013704.D

Acq: 29 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

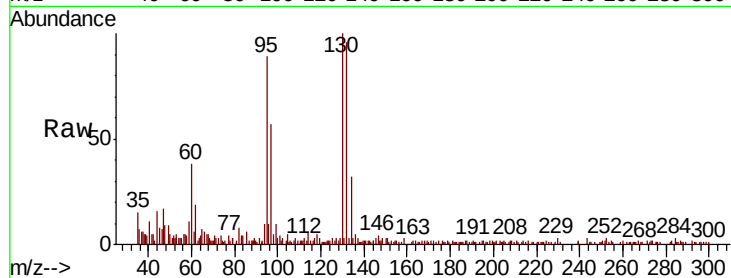
S39-0192

Tot Ion:130 Resp: 12819

Ion Ratio Lower Upper

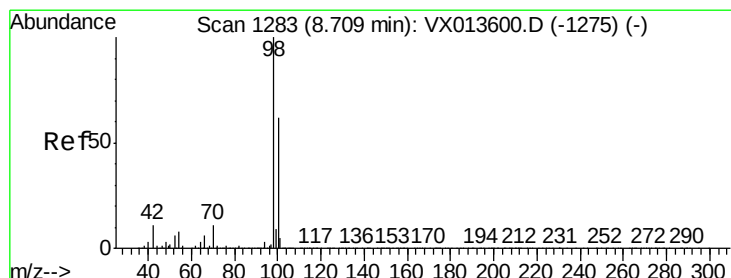
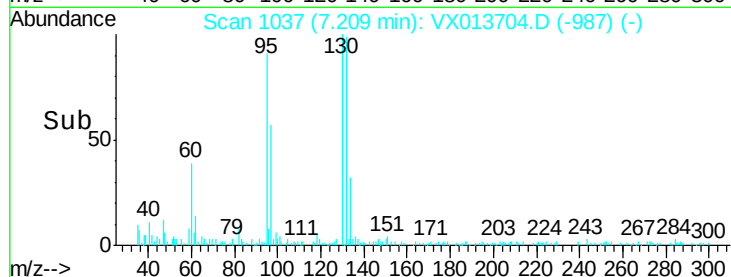
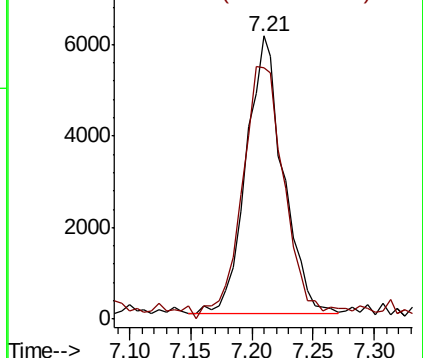
130 100

95 86.9 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: 49.346 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013704.D

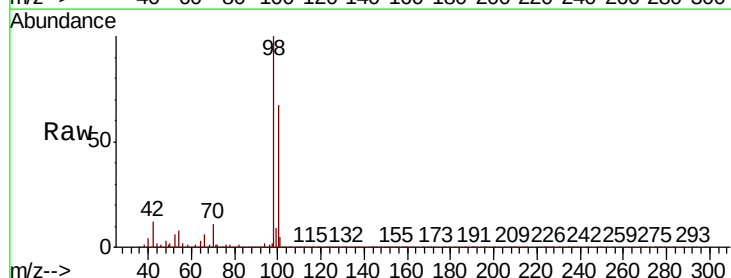
Acq: 29 Nov 2019 16:23

Tgt Ion: 98 Resp: 1252428

Ion Ratio Lower Upper

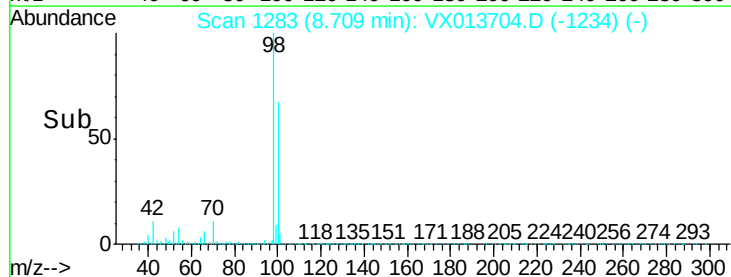
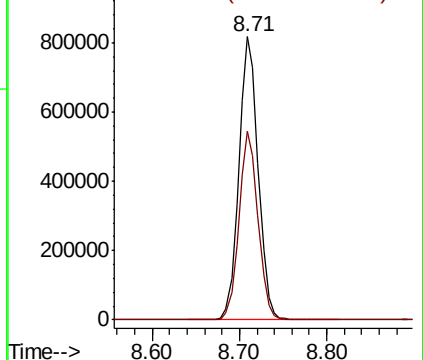
98 100

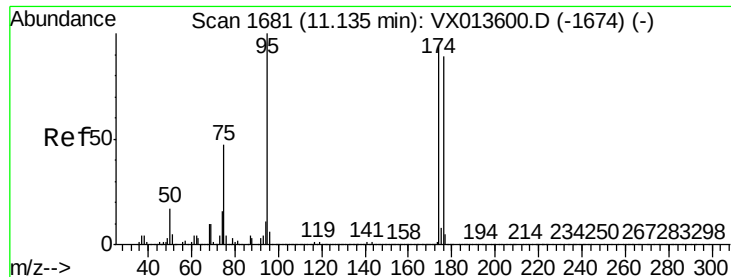
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.287 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013704.D

Acq: 29 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

S39-0192

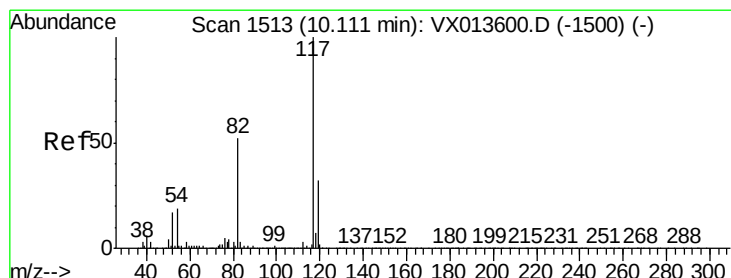
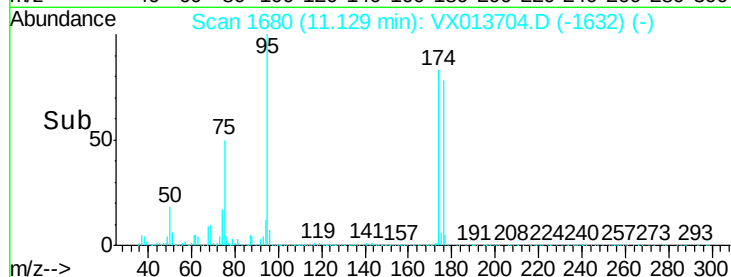
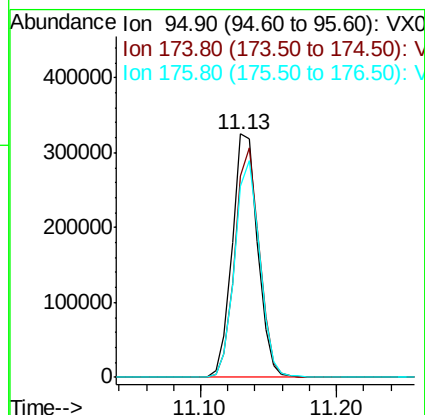
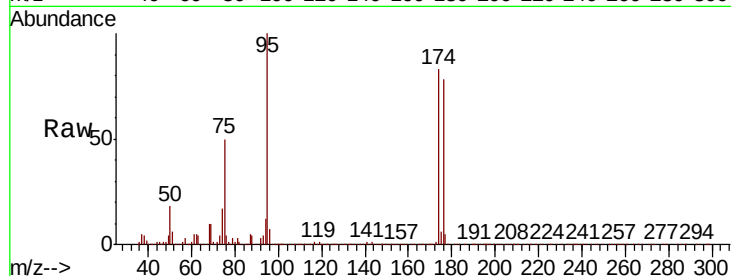
Tot Ion: 95 Resp: 423635

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 87.5 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: VX013704.D

Acq: 29 Nov 2019 16:23

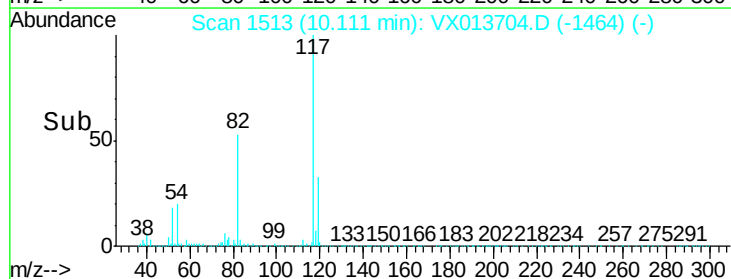
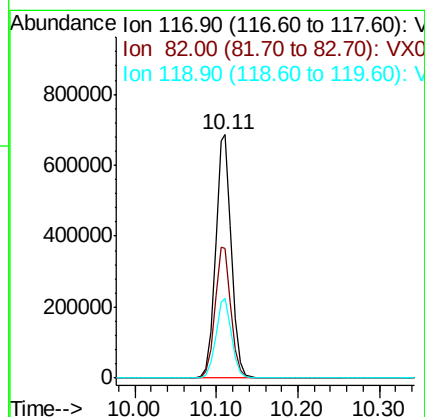
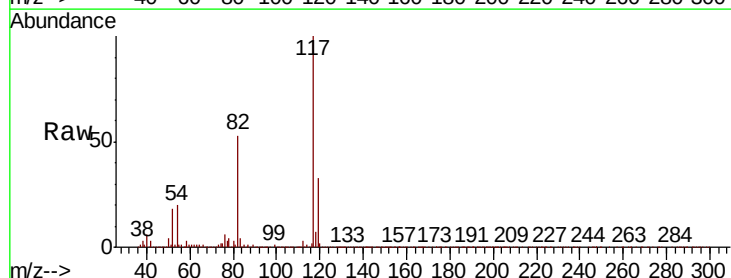
Tgt Ion: 117 Resp: 939269

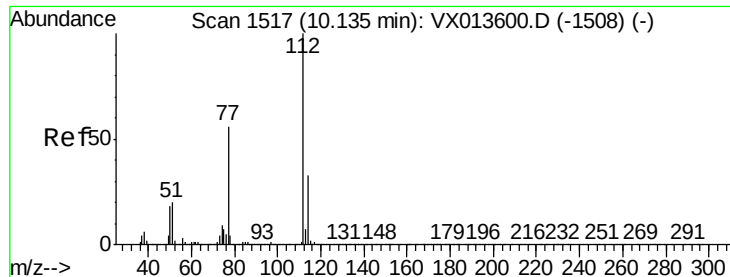
Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

119 33.0 25.8 38.8





#65

Chlorobenzene

Concen: 42.344 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013704.D

Acq: 29 Nov 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

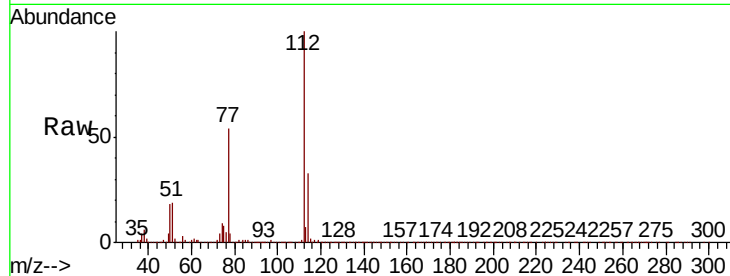
S39-0192

Tot Ion:112 Resp: 825750

Ion Ratio Lower Upper

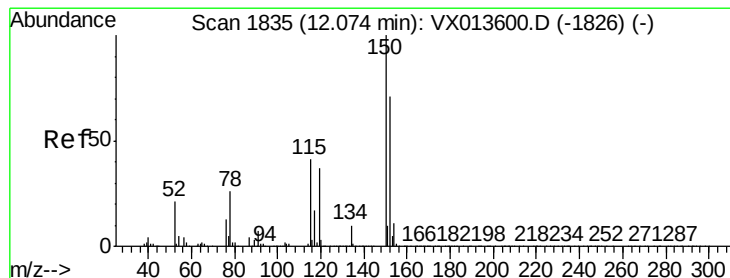
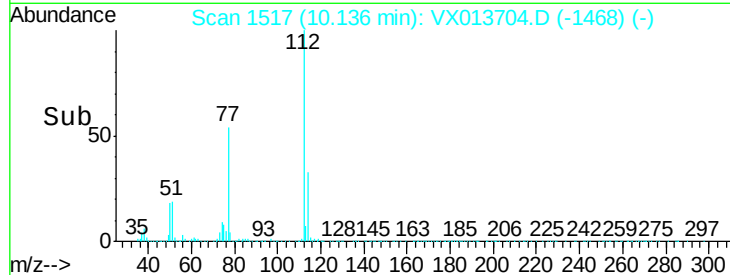
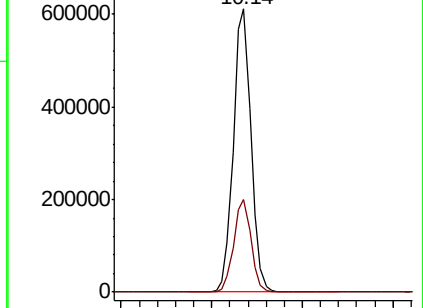
112 100

114 33.0 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013704.D

Acq: 29 Nov 2019 16:23

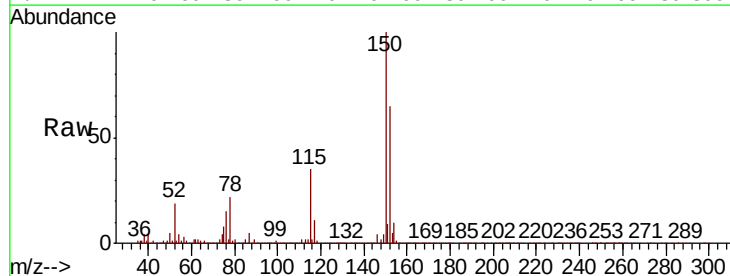
Tgt Ion:152 Resp: 433084

Ion Ratio Lower Upper

152 100

115 55.1 38.4 115.1

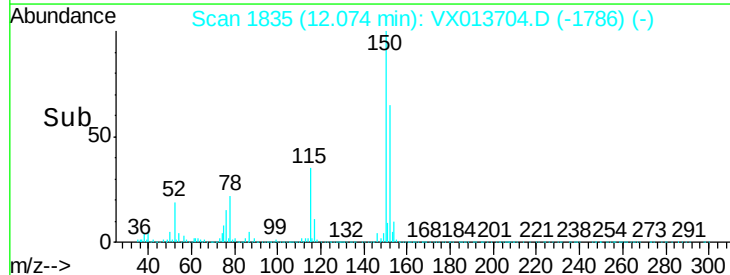
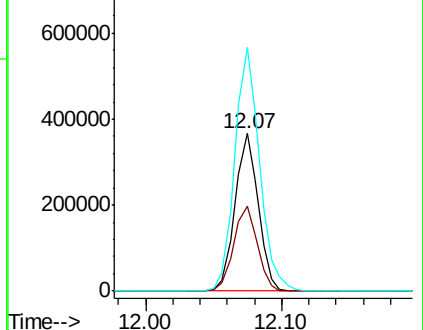
150 165.5 0.0 346.8

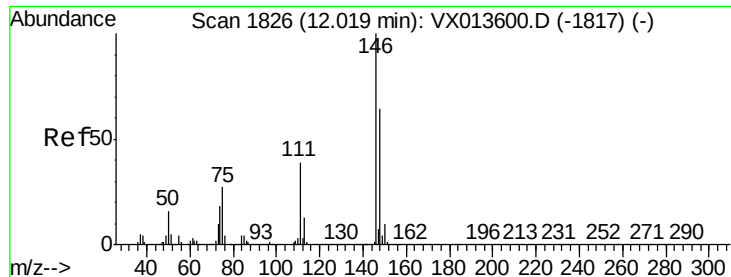


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

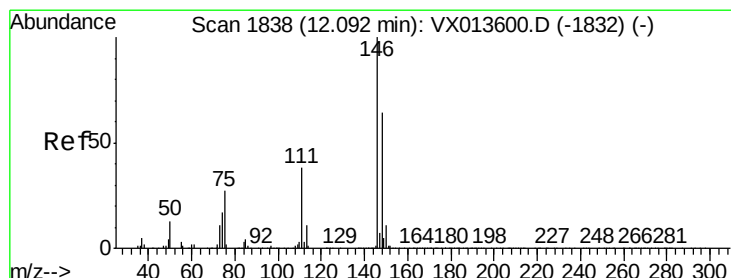
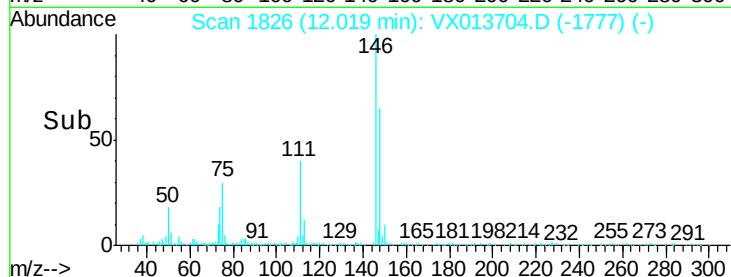
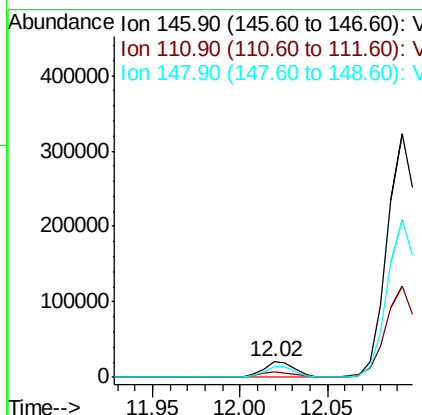
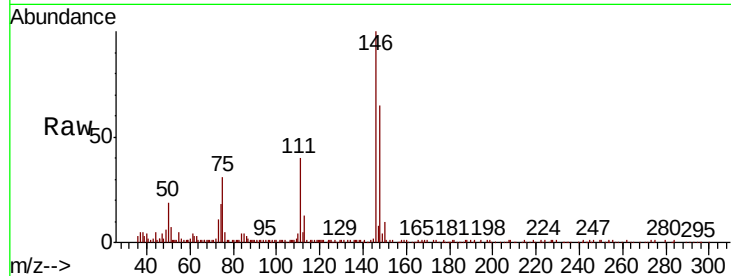




#87
 1,3-Dichlorobenzene
 Concen: 1.898 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013704.D
 Acq: 29 Nov 2019 16:23

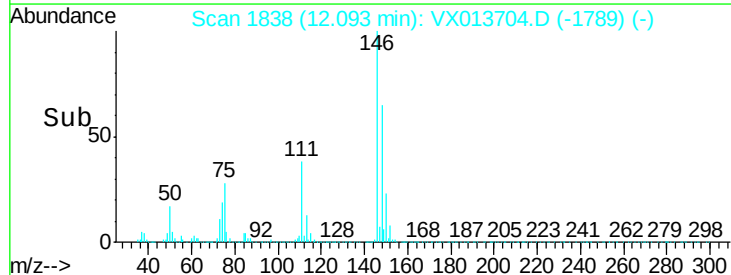
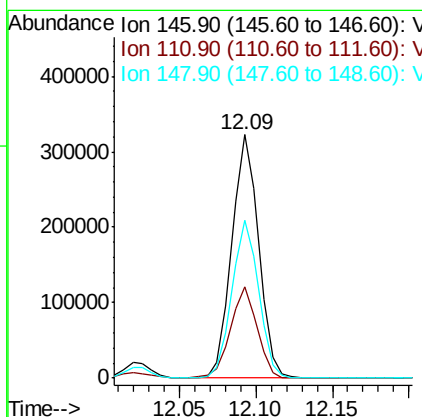
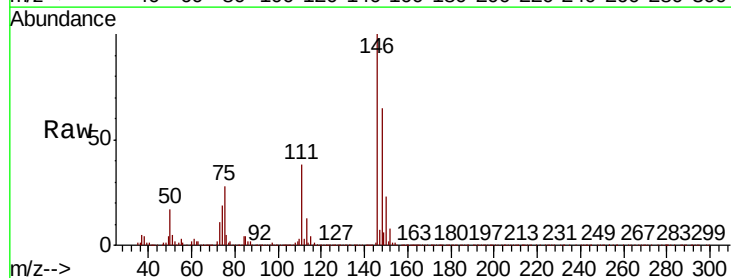
Instrument :
 MSVOA_X
 ClientSampled :
 S39-0192

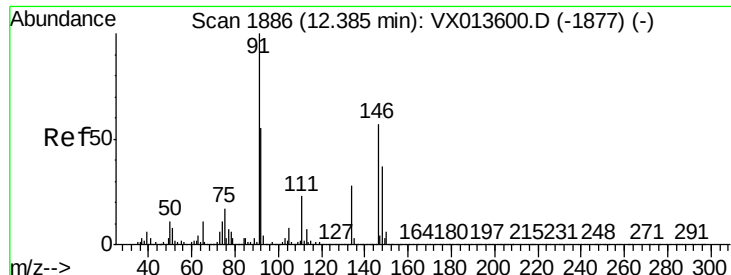
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.0	57.0
148	66.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 26.855 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013704.D
 Acq: 29 Nov 2019 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	64.8	31.9	95.5





#91
 1,2-Dichlorobenzene
 Concen: 25.591 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013704.D
 Acq: 29 Nov 2019 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0192

Tot Ion:	146	Resp:	361725
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.6	31.9	95.7

