

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013753.D
 Acq On : 04 Dec 2019 16:40
 Operator : JC/SP
 Sample : K6079-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0200

Quant Time: Dec 05 05:47:00 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

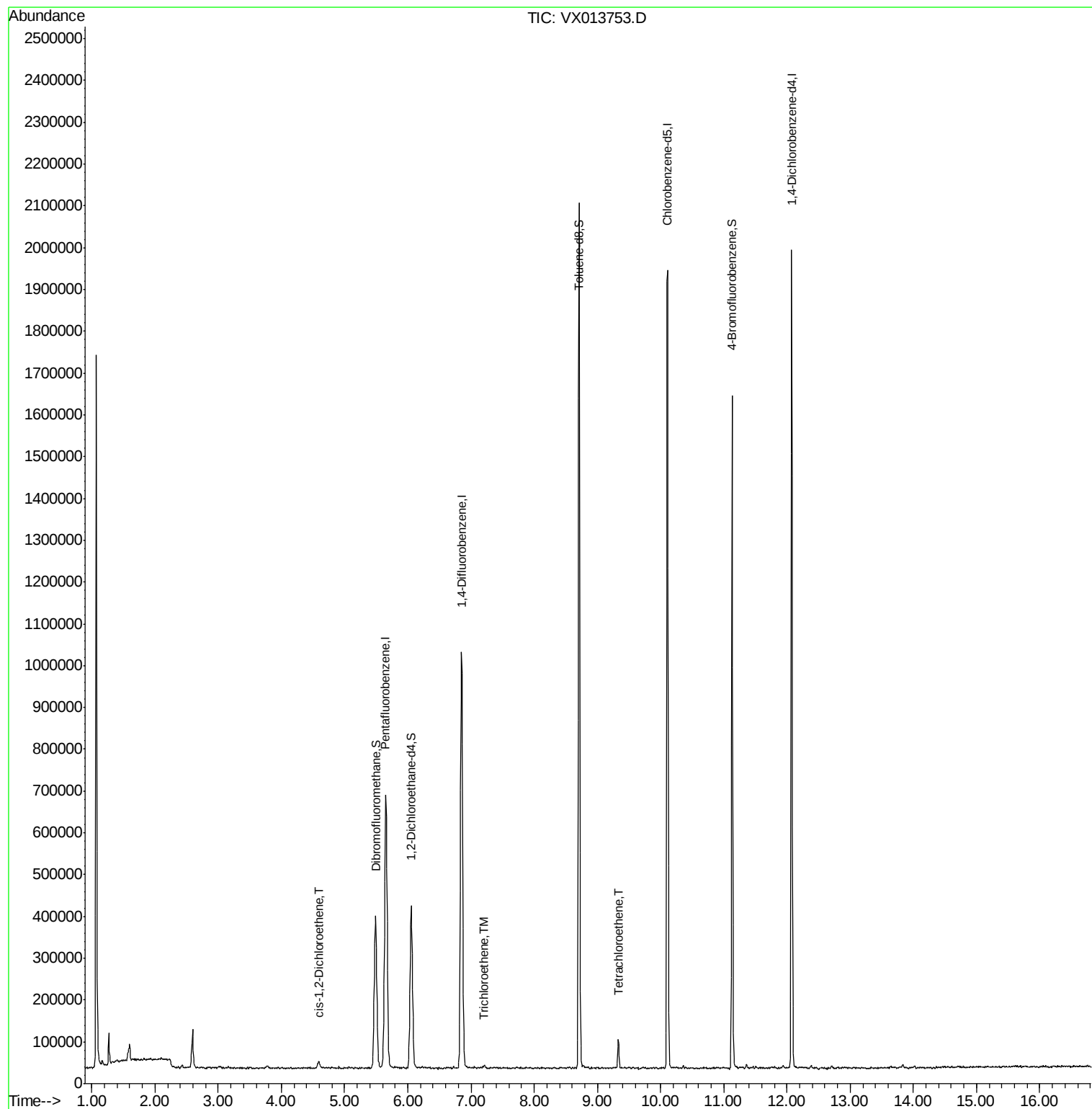
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	694627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1044406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	917403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	374671	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.49	113	309707	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	1225277	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	411670	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	9718	1.175	ug/l	86
44) Trichloroethene	7.22	130	3347	0.422	ug/l	90
64) Tetrachloroethene	9.33	164	13368	1.954	ug/l	92

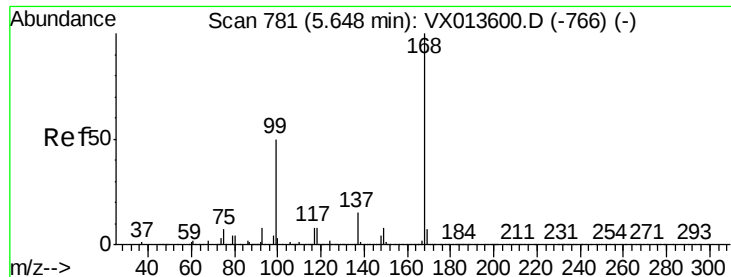
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

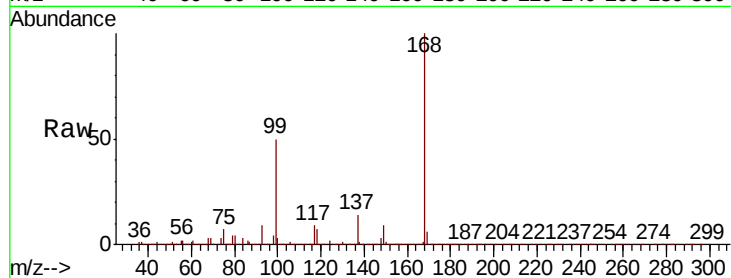
S39-0200

Tot Ion:168 Resp: 694627

Ion Ratio Lower Upper

168 100

99 50.4 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

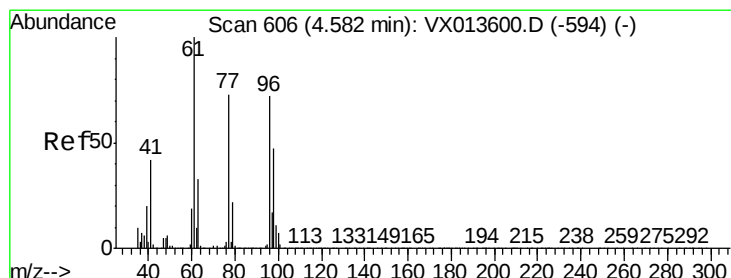
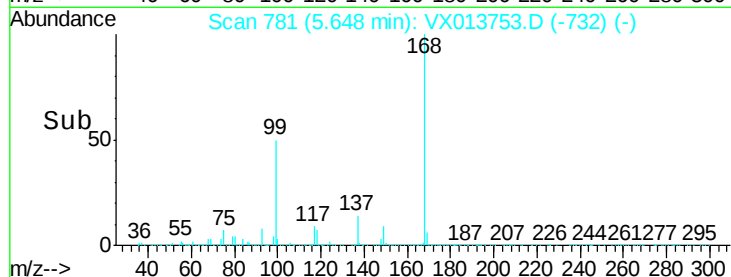
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.175 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

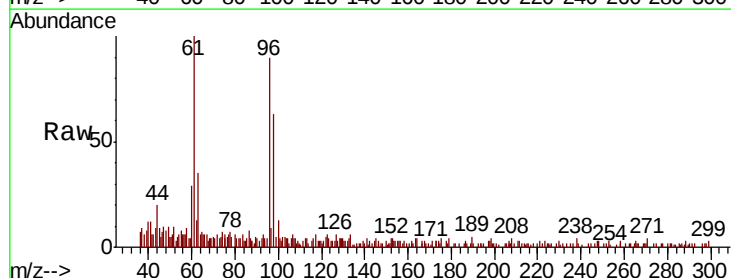
Tgt Ion: 96 Resp: 9718

Ion Ratio Lower Upper

96 100

61 117.9 0.0 286.4

98 64.0 0.0 127.4



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

4.59

5000

4000

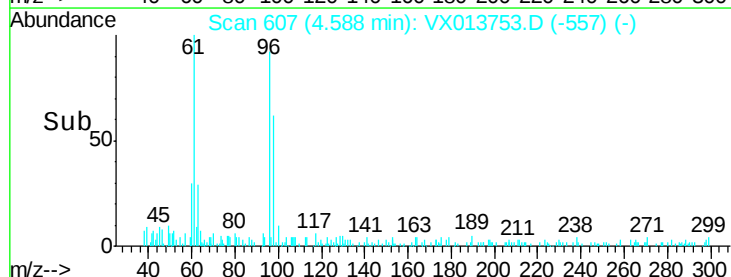
3000

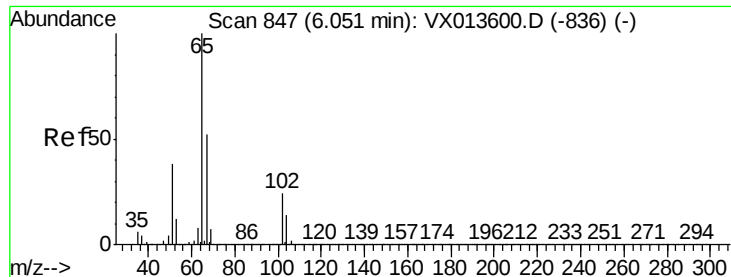
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.468 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

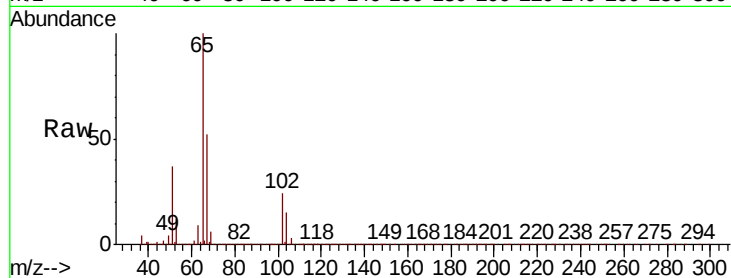
S39-0200

Tot Ion: 65 Resp: 374671

Ion Ratio Lower Upper

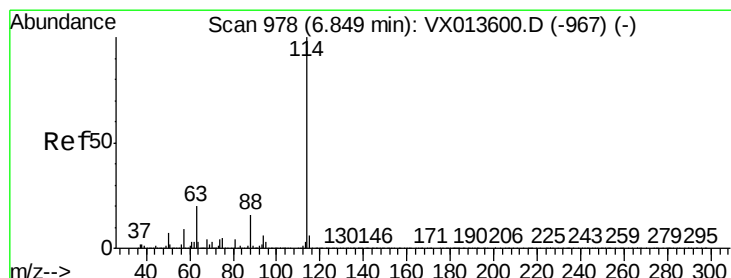
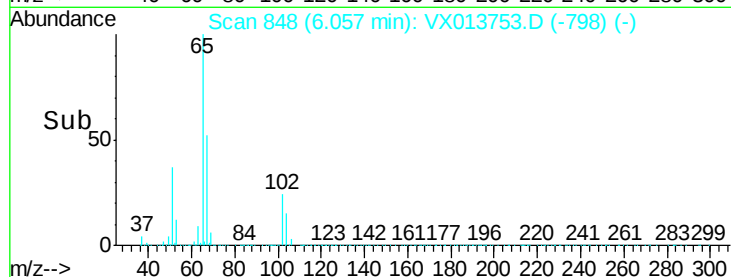
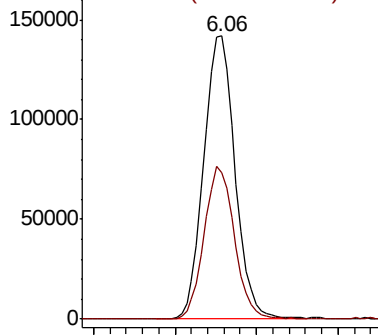
65 100

67 52.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

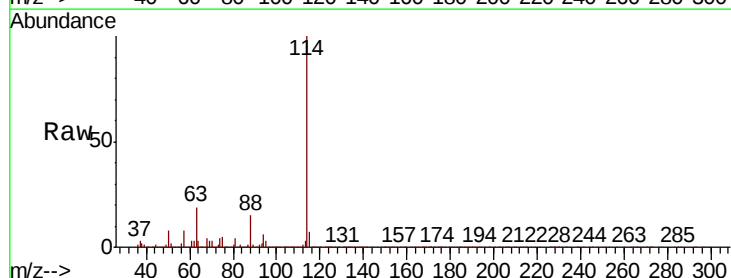
Tgt Ion: 114 Resp: 1044406

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

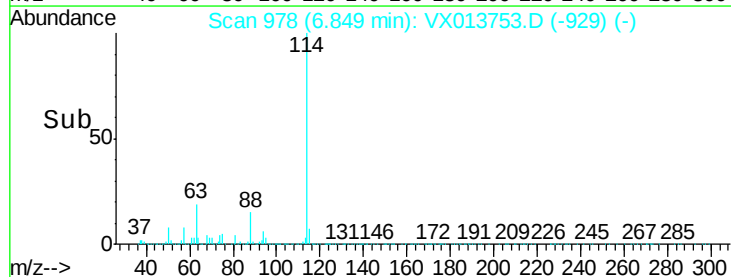
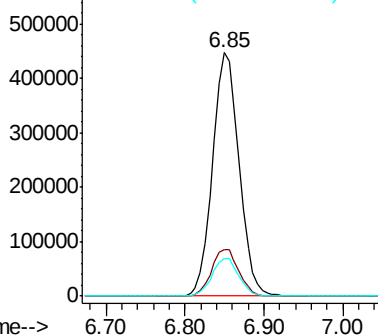
88 15.3 0.0 31.4

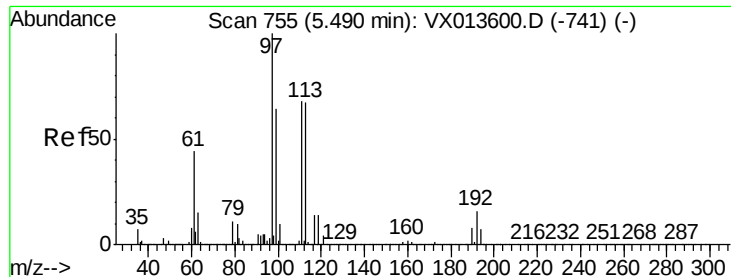


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.967 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

S39-0200

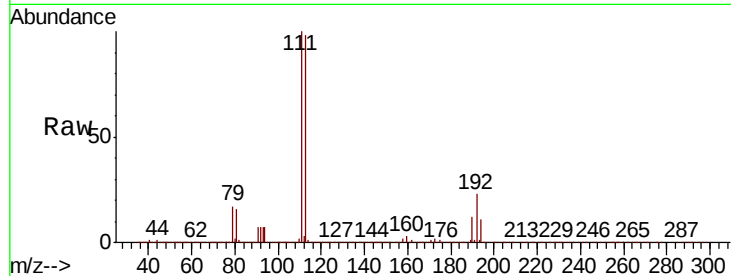
Tot Ion:113 Resp: 309707

Ion Ratio Lower Upper

113 100

111 103.9 83.6 125.4

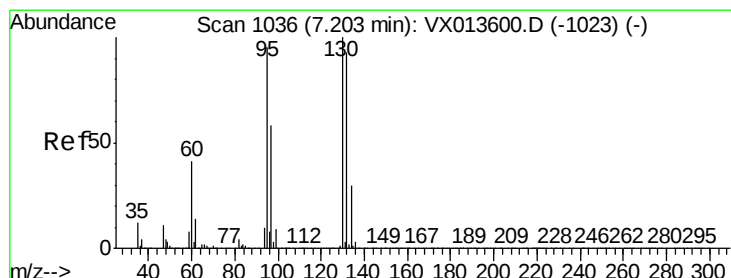
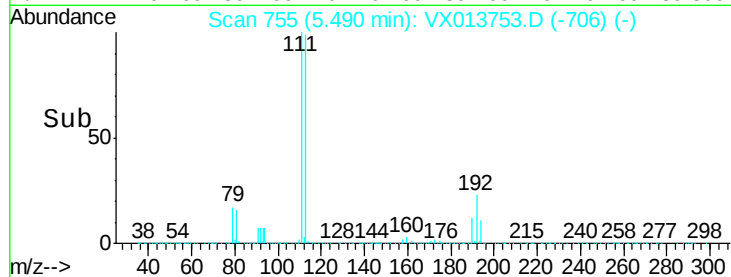
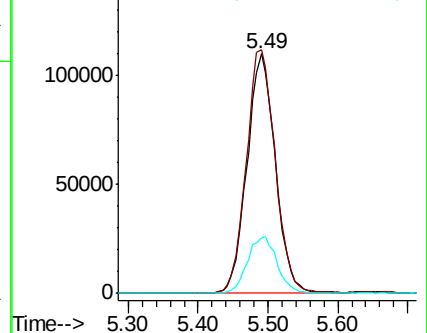
192 24.7 19.2 28.8



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: 0.422 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013753.D

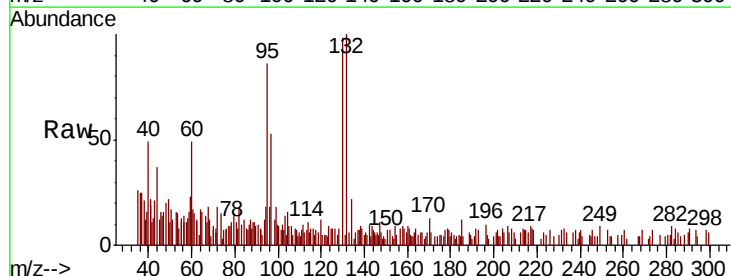
Acq: 04 Dec 2019 16:40

Tgt Ion:130 Resp: 3347

Ion Ratio Lower Upper

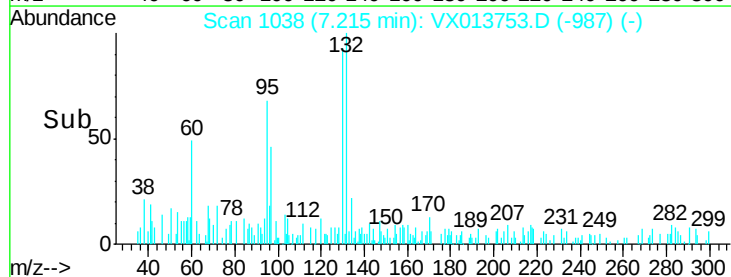
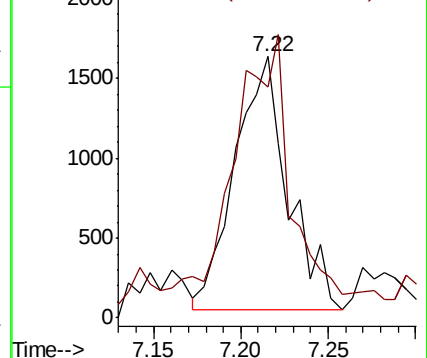
130 100

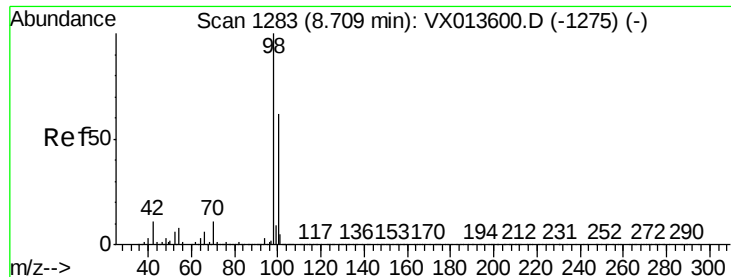
95 85.4 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.707 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

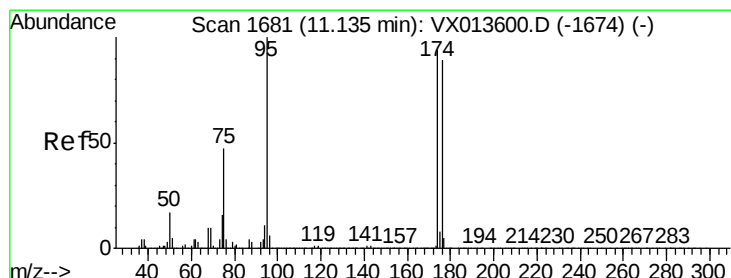
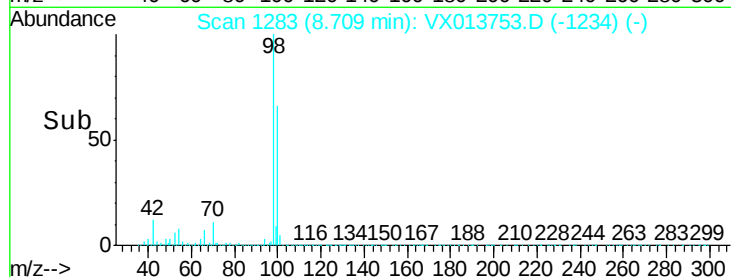
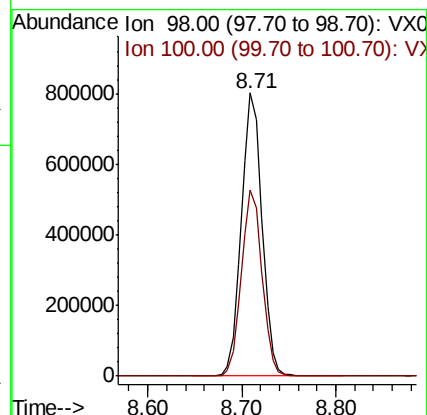
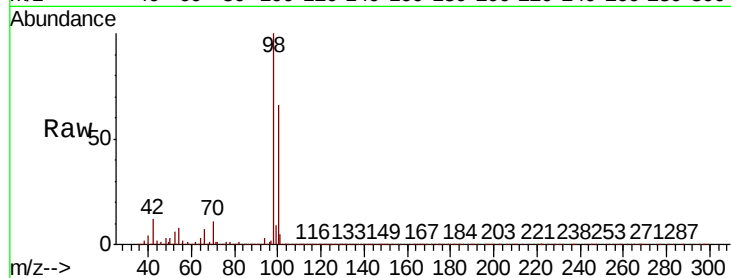
S39-0200

Tot Ion: 98 Resp: 1225277

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.382 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

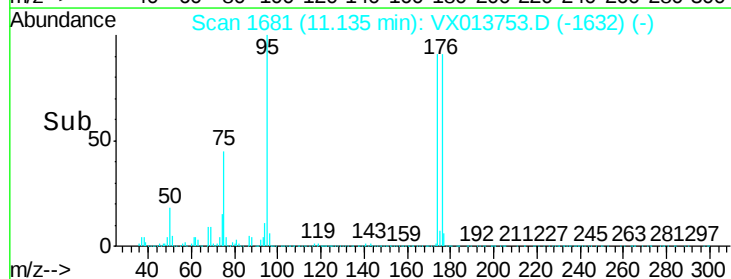
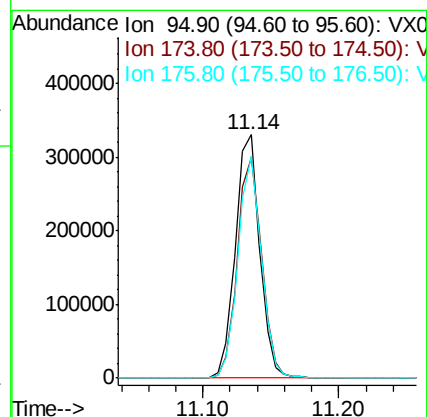
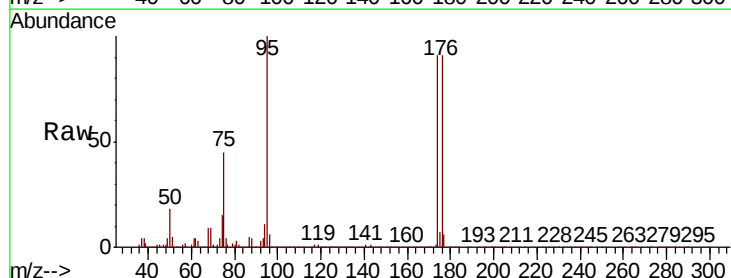
Tgt Ion: 95 Resp: 411670

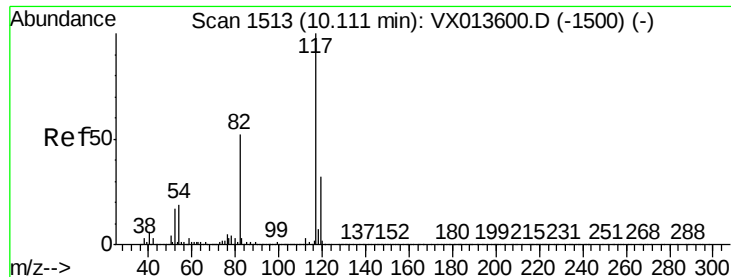
Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.0

176 88.3 0.0 173.6

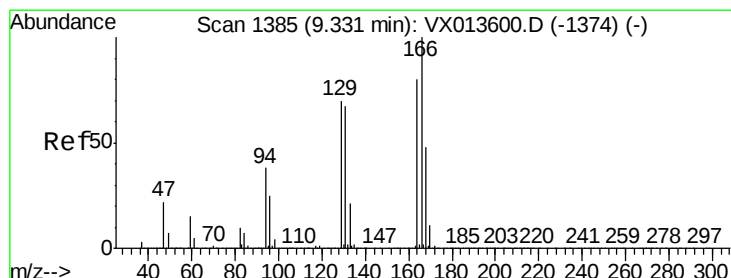
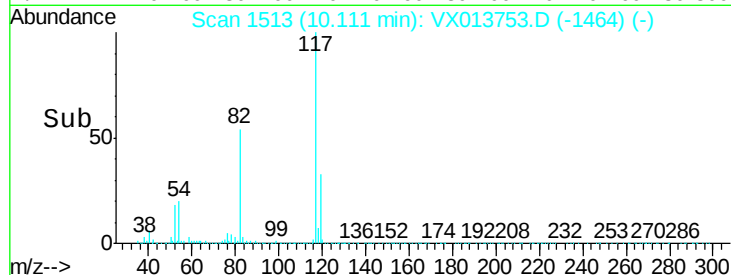
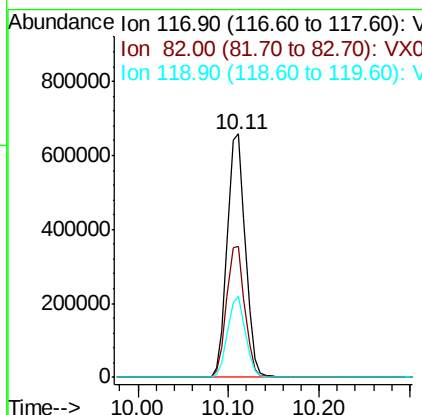
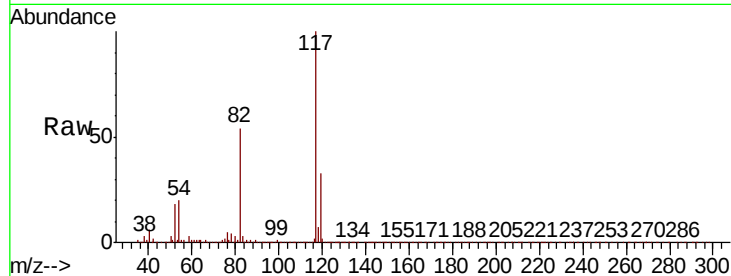




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013753.D
Acq: 04 Dec 2019 16:40

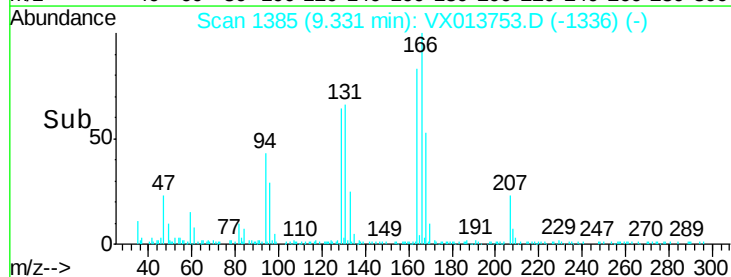
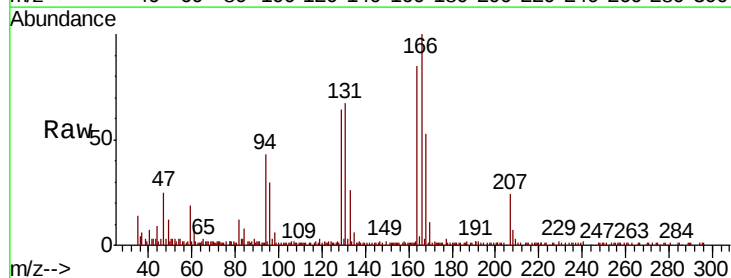
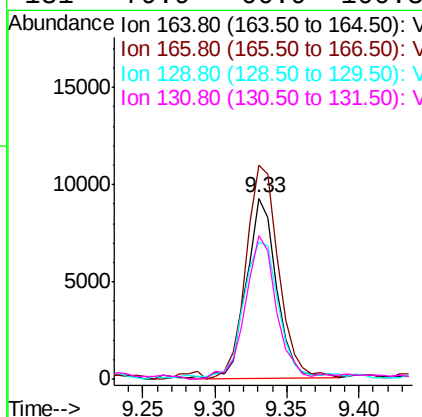
Instrument :
MSVOA_X
ClientSampled :
S39-0200

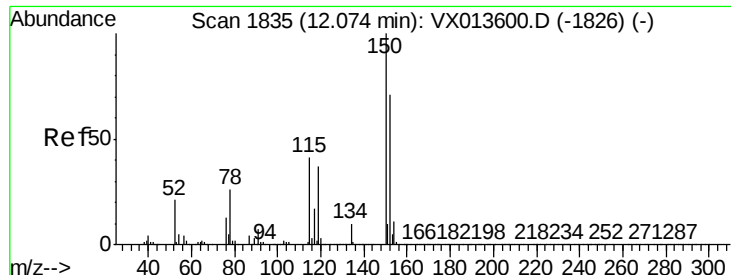
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.8	62.8
119	33.4	25.8	38.8



#64
Tetrachloroethene
Concen: 1.954 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013753.D
Acq: 04 Dec 2019 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.5	99.7	149.5
129	73.9	70.1	105.1
131	79.9	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013753.D

Acq: 04 Dec 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

S39-0200

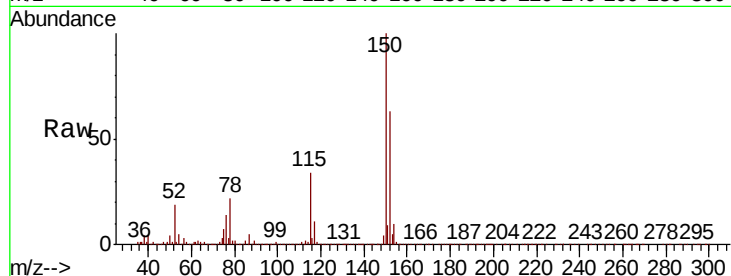
Tot Ion:152 Resp: 405847

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

150 158.4 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

