

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013689.D
 Acq On : 28 Nov 2019 06:38
 Operator : JC/SP
 Sample : K5965-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0190

Quant Time: Dec 02 07:47:26 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

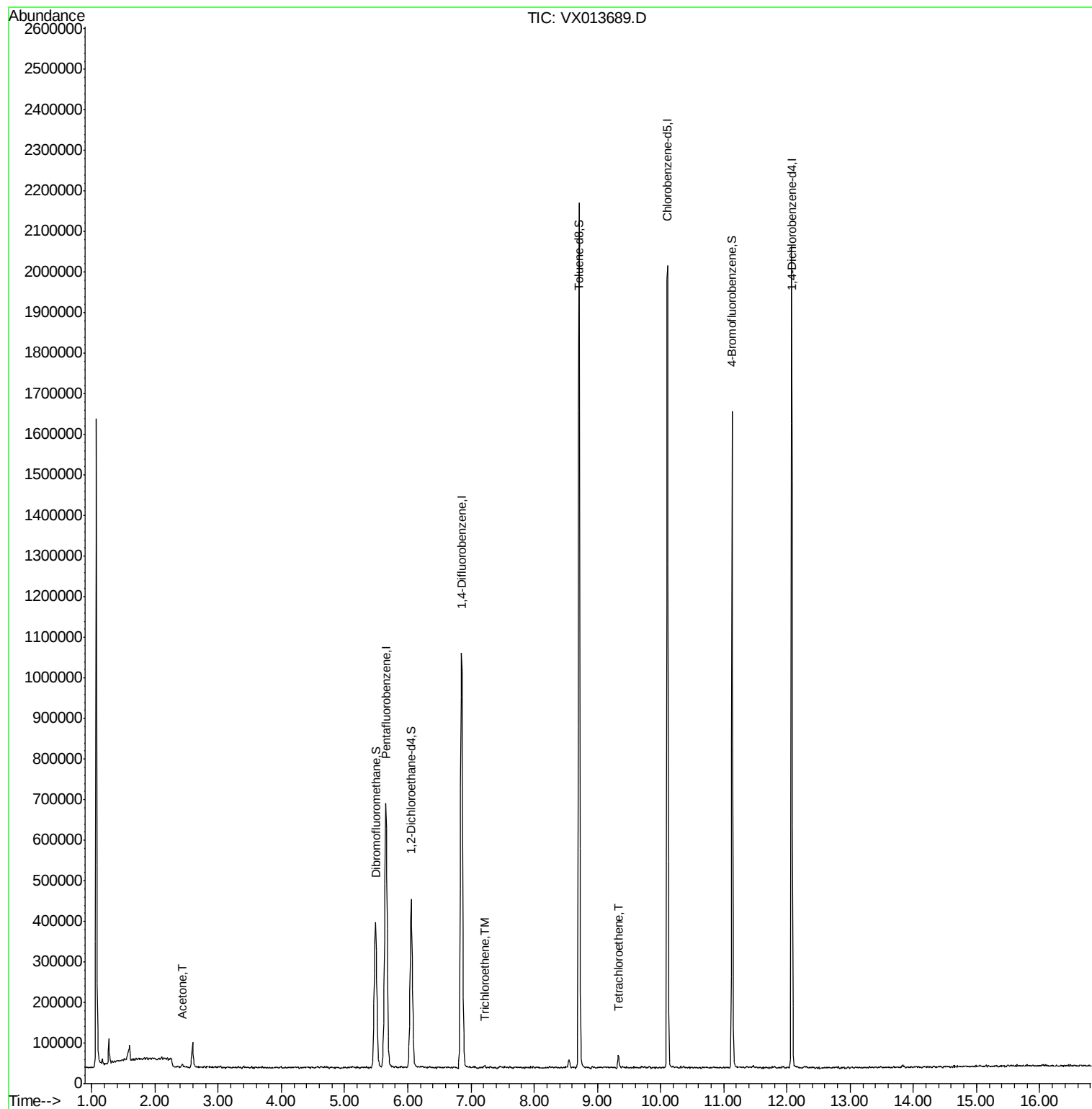
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	680236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1071109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	941098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	386447	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	5.48	113	314048	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	1258531	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	422761	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
16) Acetone	2.43	43	7883	2.022	ug/l	93
44) Trichloroethene	7.22	130	2769	0.341	ug/l	77
64) Tetrachloroethene	9.33	164	7226	1.030	ug/l	88

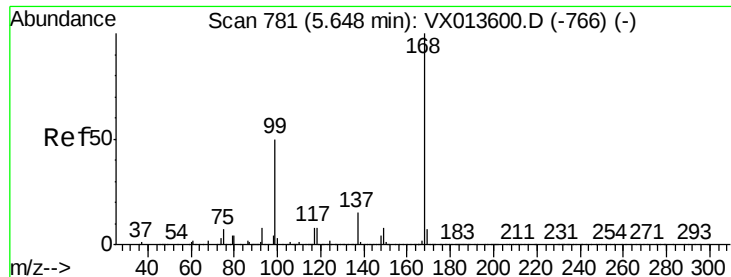
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

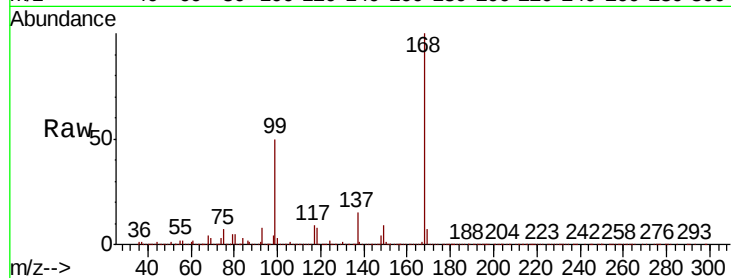
S39-0190

Tot Ion:168 Resp: 680236

Ion Ratio Lower Upper

168 100

99 50.1 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

250000

200000

150000

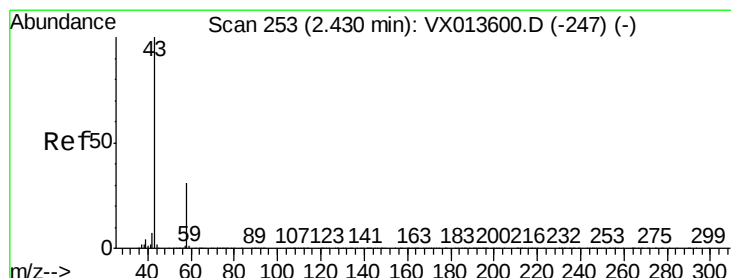
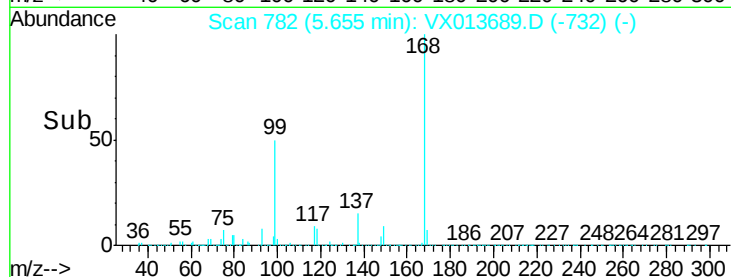
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.022 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013689.D

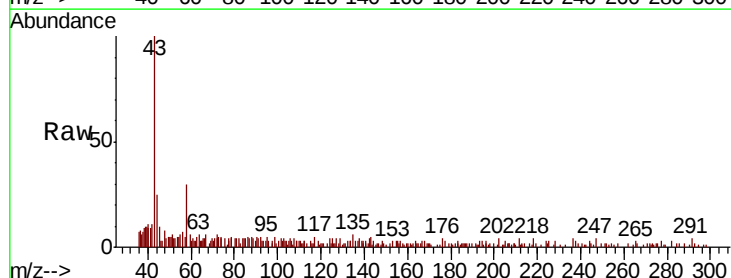
Acq: 28 Nov 2019 06:38

Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 27.0 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

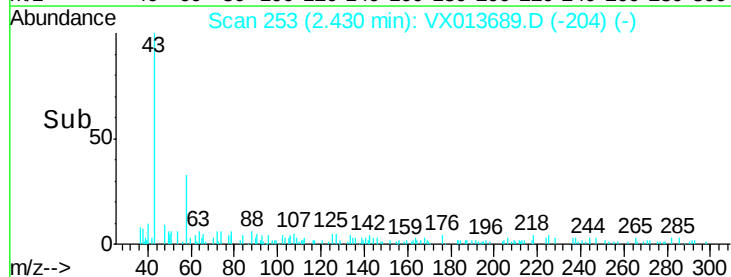
2000

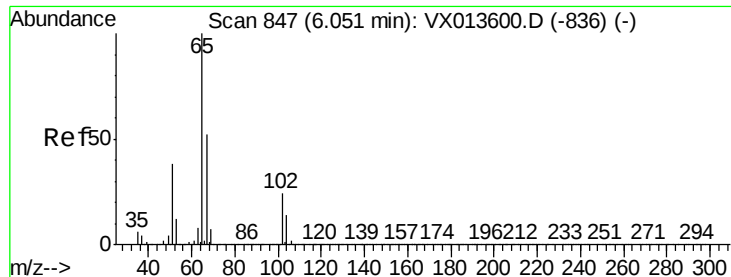
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.942 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

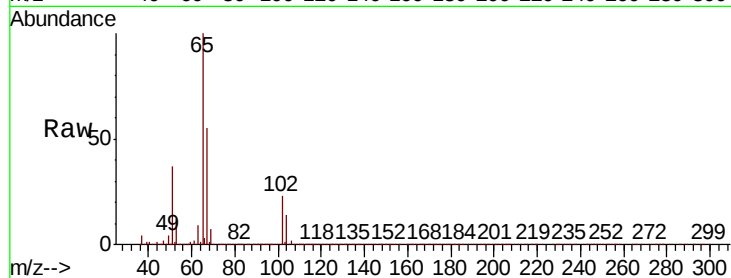
S39-0190

Tot Ion: 65 Resp: 386447

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

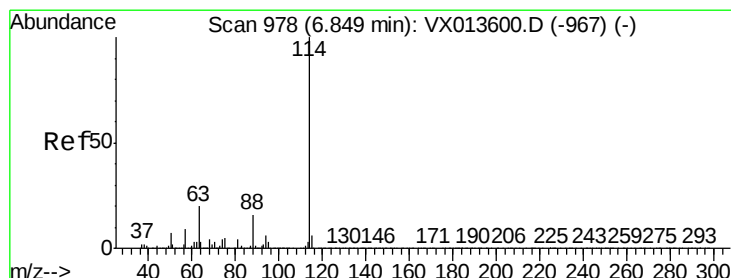
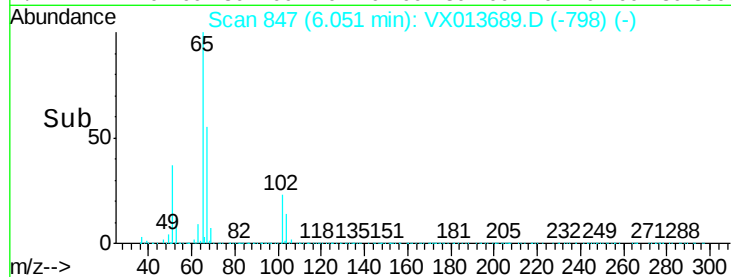
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

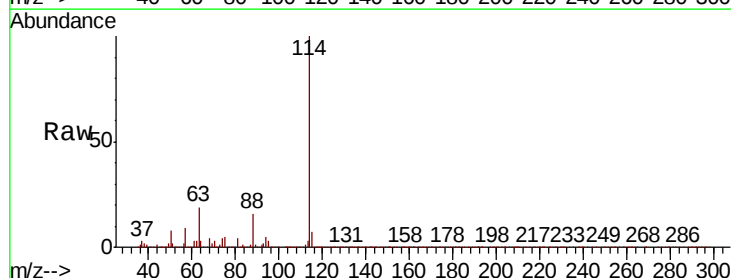
Tgt Ion: 114 Resp: 1071109

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.3 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

600000

500000

400000

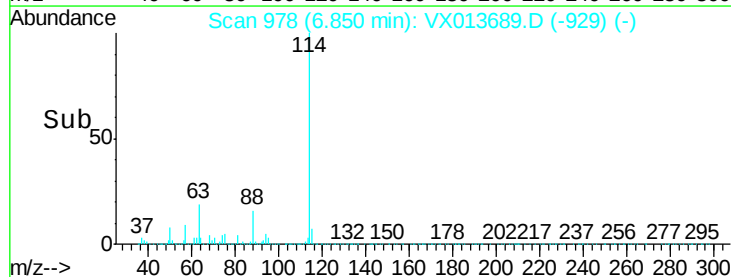
300000

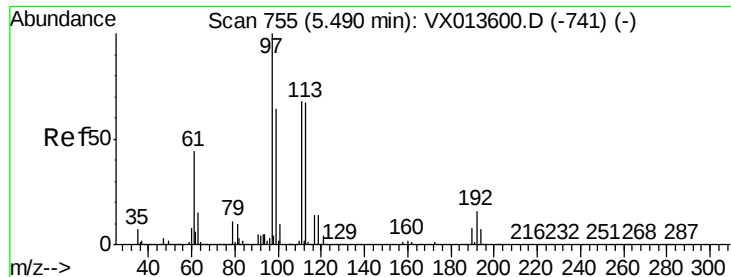
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.427 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

S39-0190

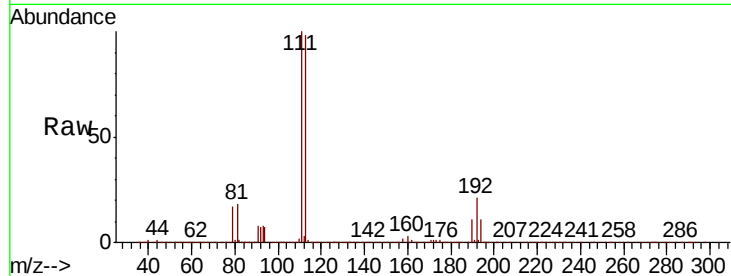
Tot Ion:113 Resp: 314048

Ion Ratio Lower Upper

113 100

111 104.1 83.6 125.4

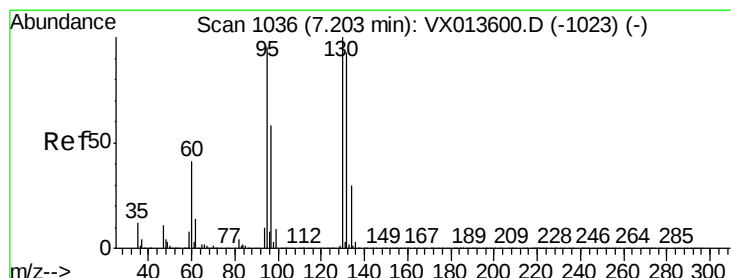
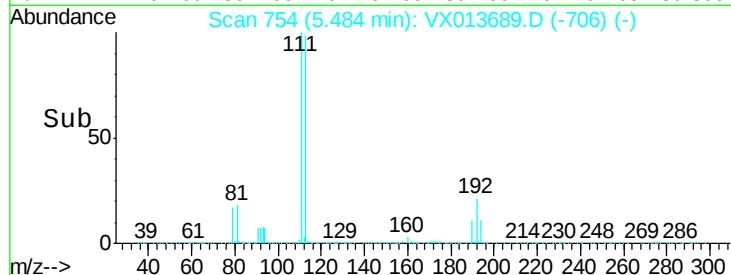
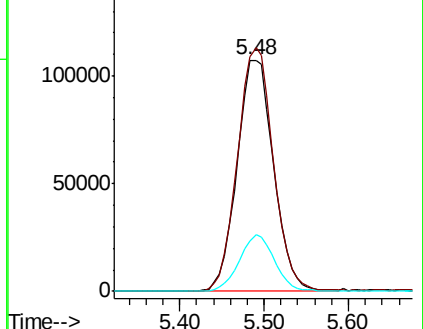
192 23.4 19.2 28.8



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: 0.341 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013689.D

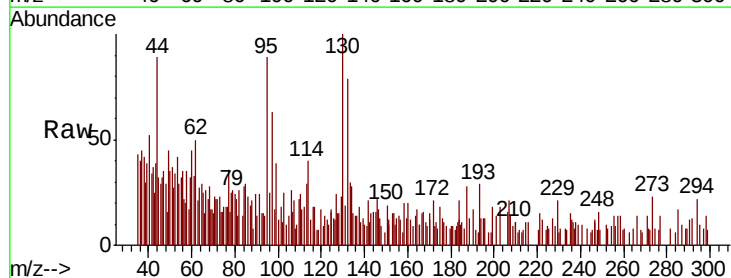
Acq: 28 Nov 2019 06:38

Tgt Ion:130 Resp: 2769

Ion Ratio Lower Upper

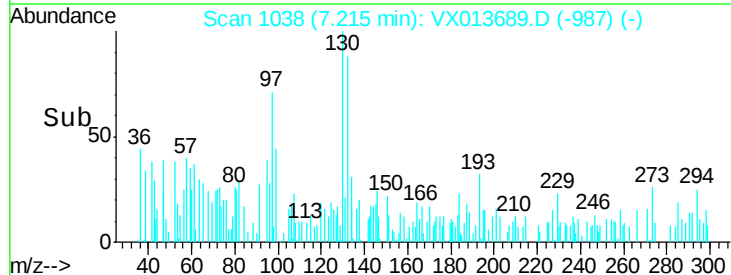
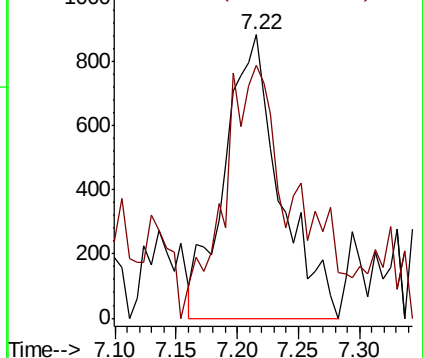
130 100

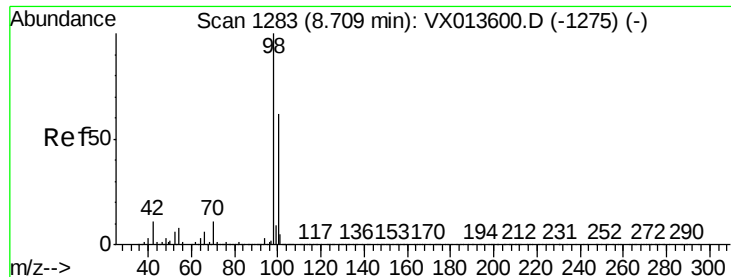
95 73.2 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.782 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

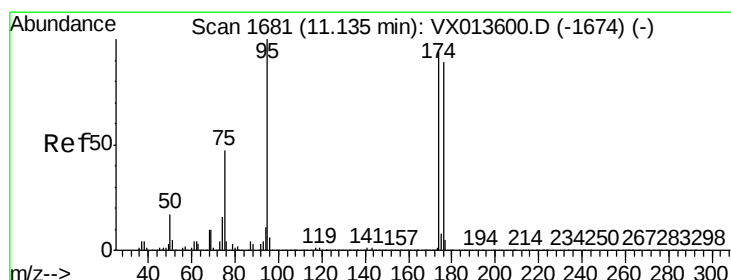
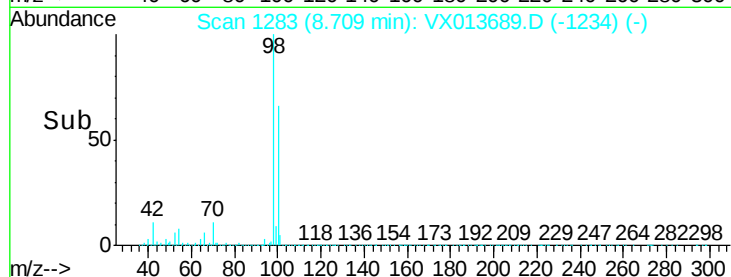
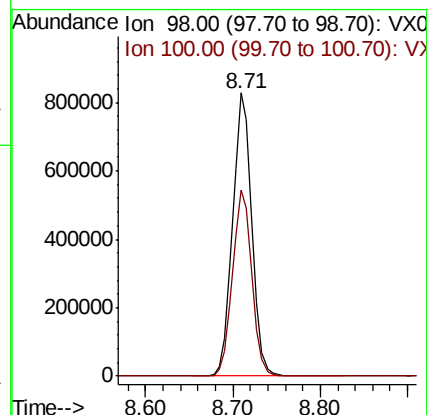
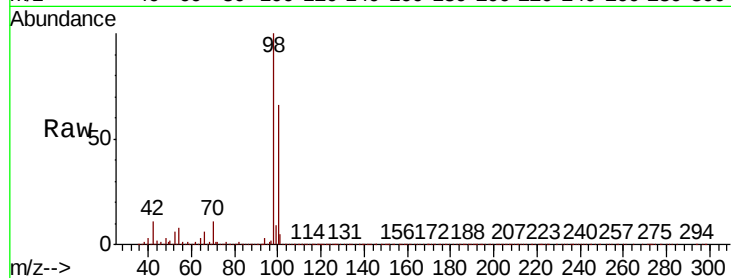
S39-0190

Tot Ion: 98 Resp: 1258531

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013689.D

Acq: 28 Nov 2019 06:38

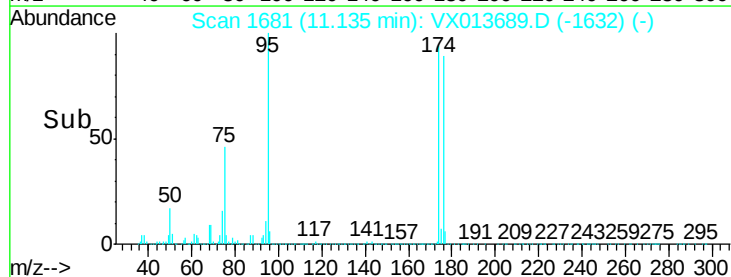
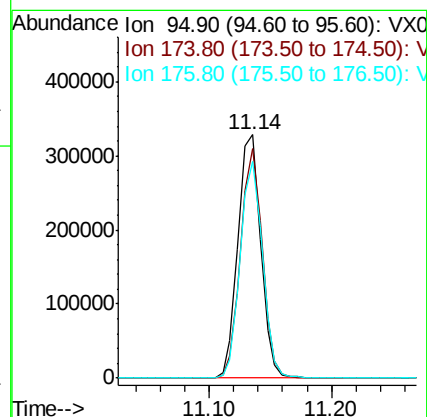
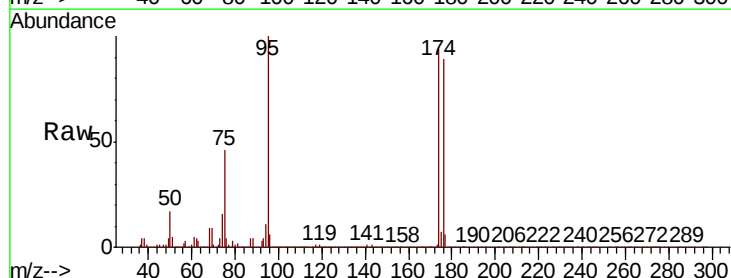
Tgt Ion: 95 Resp: 422761

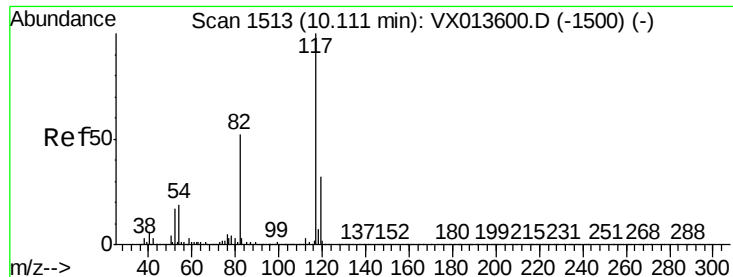
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 86.9 0.0 173.6

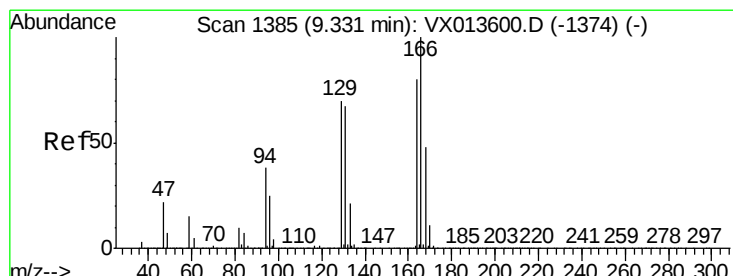
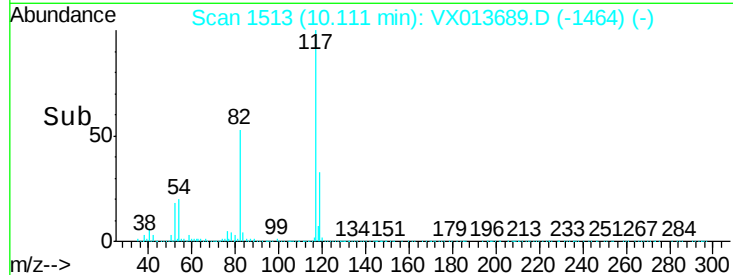
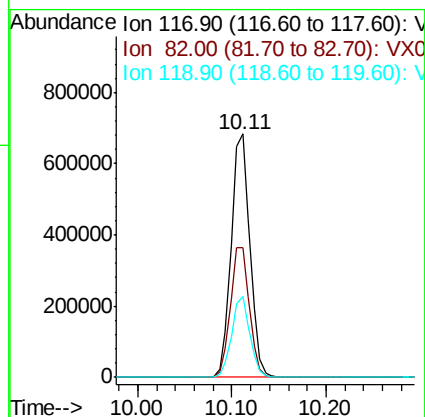
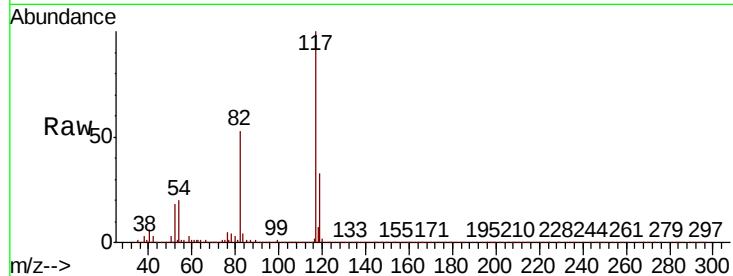




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013689.D
Acq: 28 Nov 2019 06:38

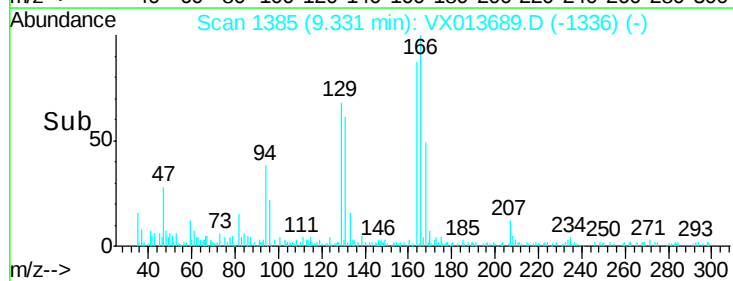
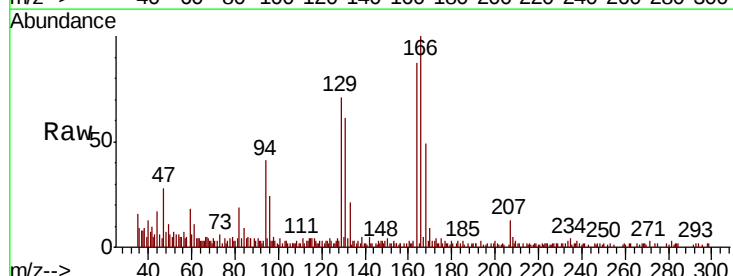
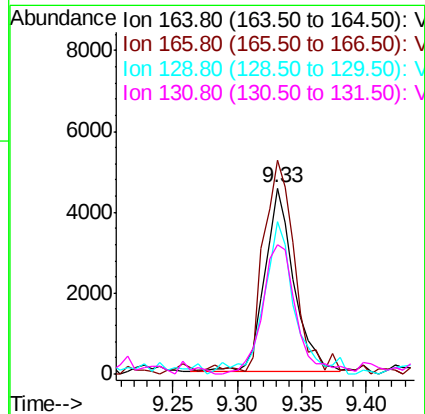
Instrument :
MSVOA_X
ClientSampleId :
S39-0190

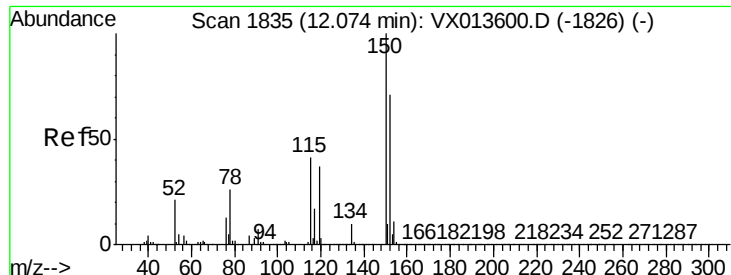
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	33.1	25.8	38.8



#64
Tetrachloroethene
Concen: 1.030 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013689.D
Acq: 28 Nov 2019 06:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.5	99.7	149.5
129	80.0	70.1	105.1
131	68.5	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: VX013689.D

Acq: 28 Nov 2019 06:38

Instrument :

MSVOA_X

ClientSampleId :

S39-0190

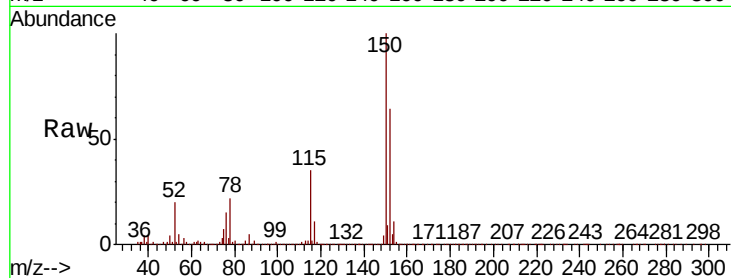
Tot Ion:152 Resp: 424076

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

150 155.0 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

