

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013797.D
 Acq On : 06 Dec 2019 14:19
 Operator : JC/SP
 Sample : K6184-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20191203

Quant Time: Dec 07 03:54:46 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

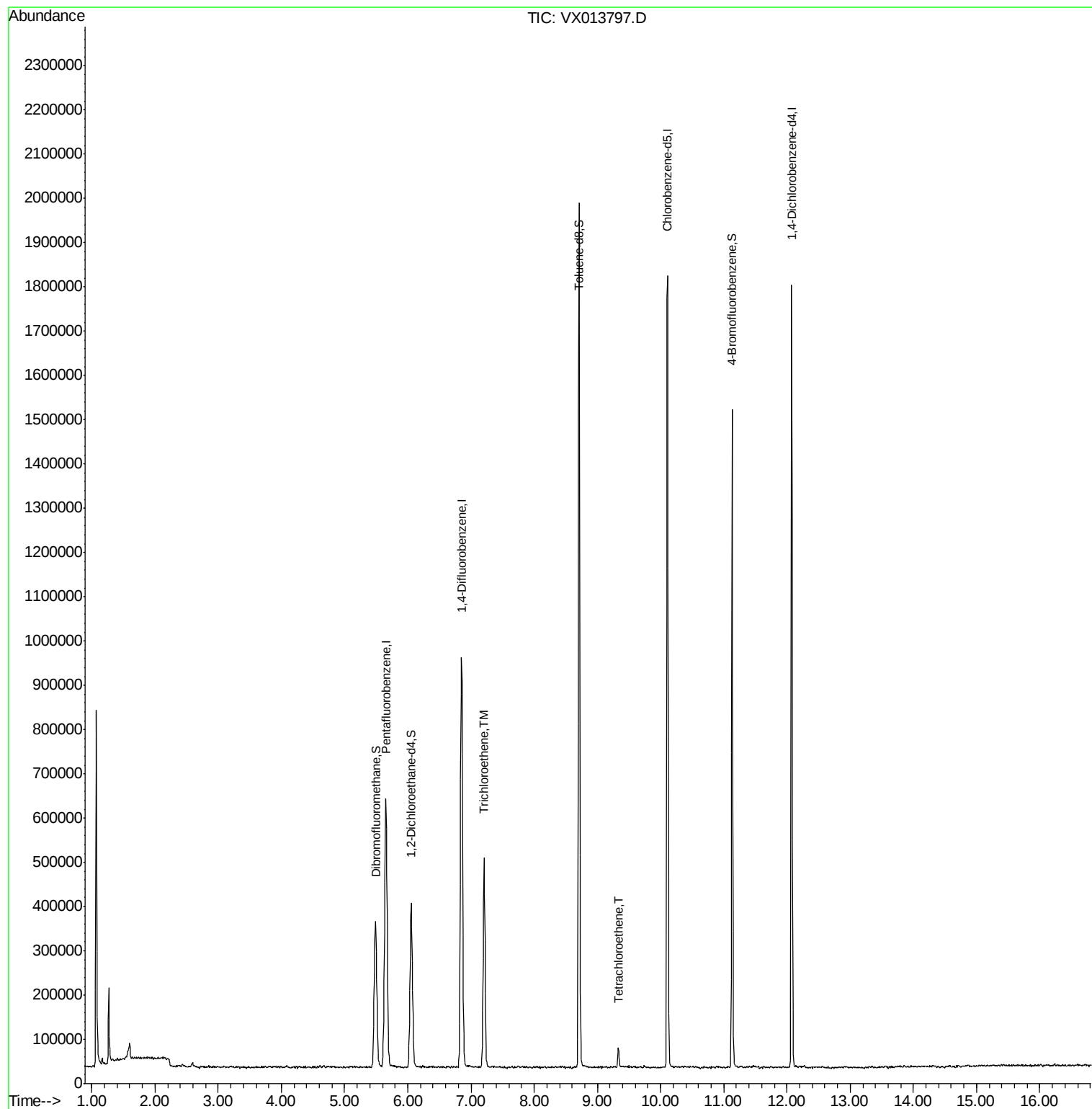
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	636256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	970395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	855050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	353766	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.49	113	289323	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.71	98	1138772	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	382039	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
44) Trichloroethene	7.21	130	194995	26.483	ug/l	93
64) Tetrachloroethene	9.33	164	9291	1.457	ug/l	91

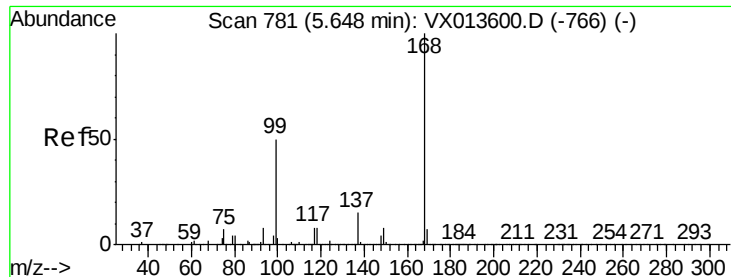
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013797.D

Acq: 06 Dec 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

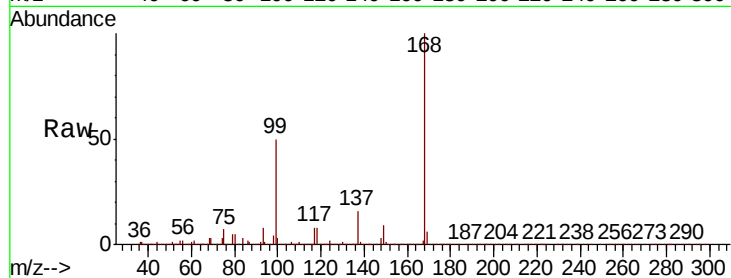
RE126D1-20191203

Tot Ion:168 Resp: 636256

Ion Ratio Lower Upper

168 100

99 50.0 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

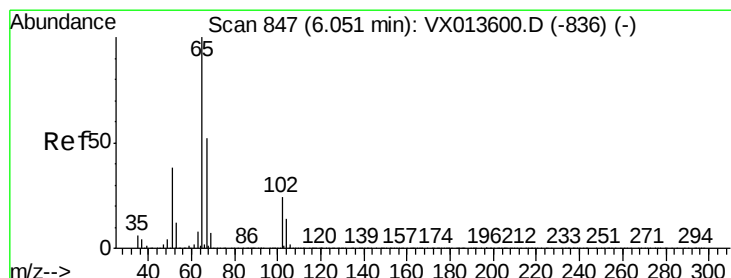
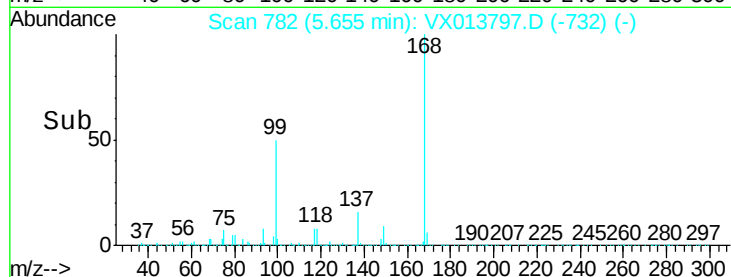
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013797.D

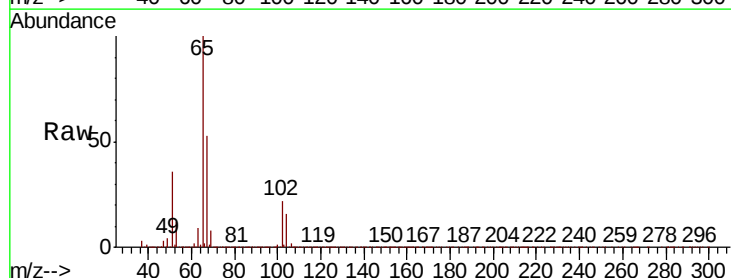
Acq: 06 Dec 2019 14:19

Tgt Ion: 65 Resp: 353766

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

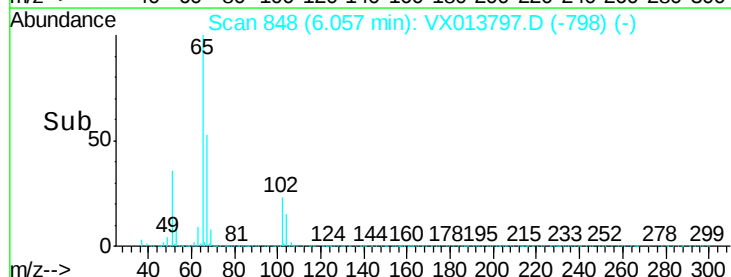
100000

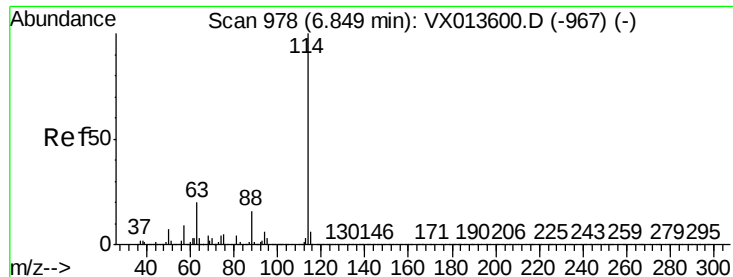
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013797.D

Acq: 06 Dec 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20191203

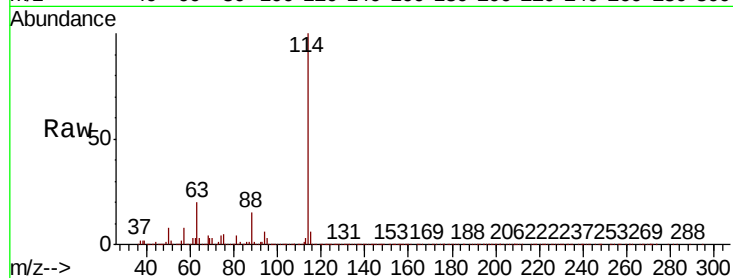
Tot Ion:114 Resp: 970395

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

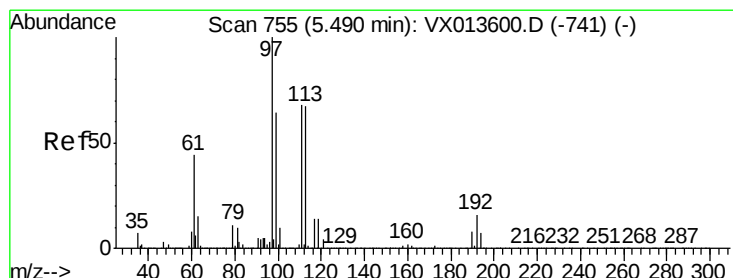
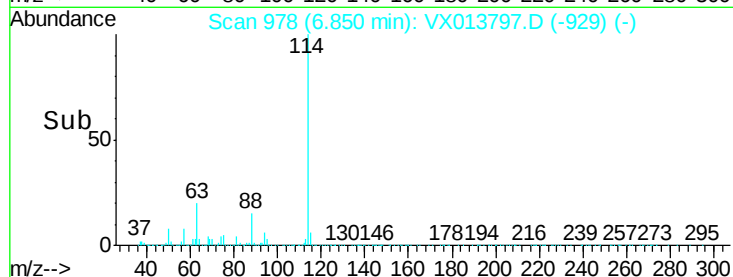
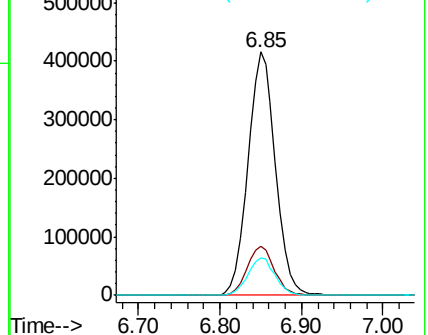
88 15.2 0.0 31.4



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: 48.228 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013797.D

Acq: 06 Dec 2019 14:19

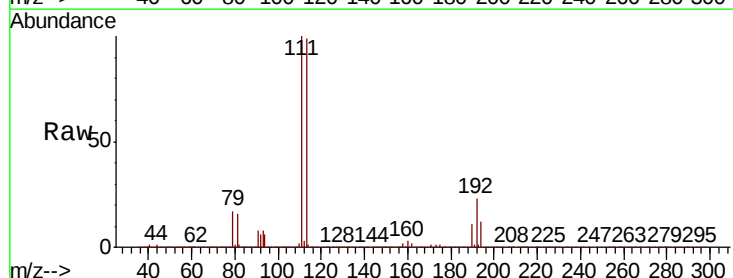
Tgt Ion:113 Resp: 289323

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

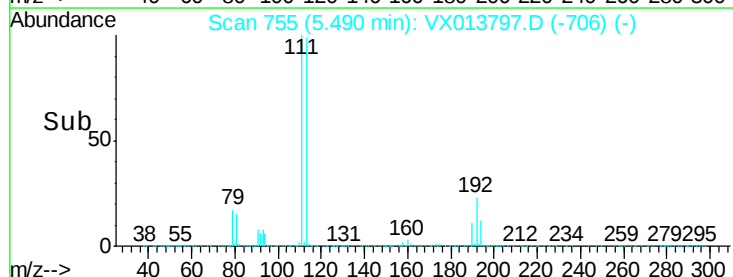
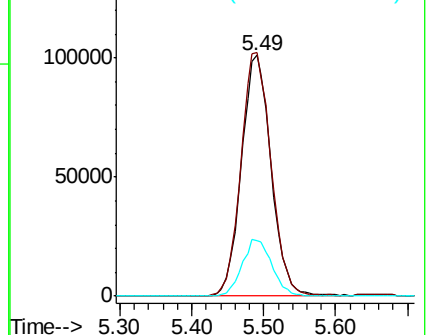
192 23.8 19.2 28.8

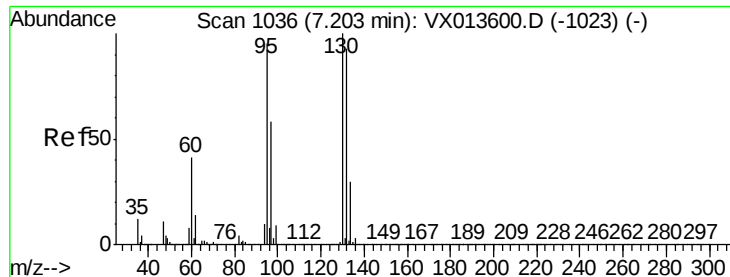


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 26.483 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013797.D

Acq: 06 Dec 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

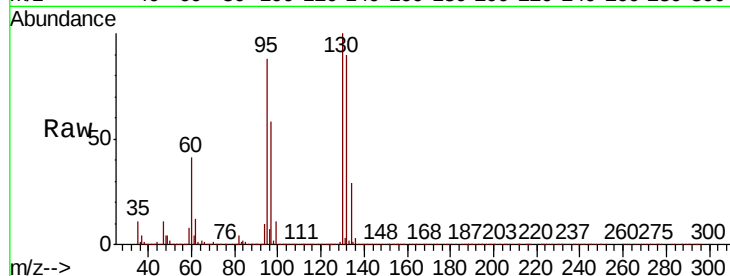
RE126D1-20191203

Tot Ion:130 Resp: 194995

Ion Ratio Lower Upper

130 100

95 88.2 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

100000

80000

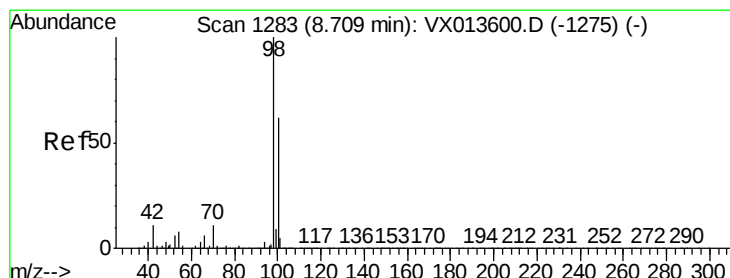
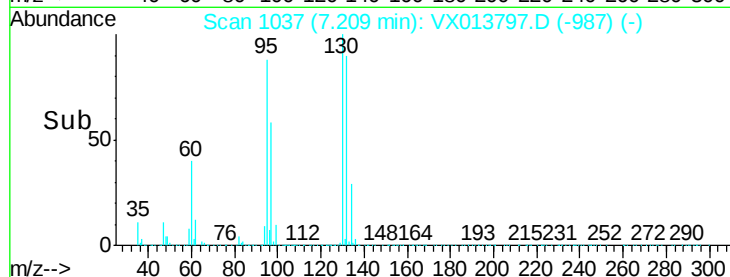
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 48.721 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013797.D

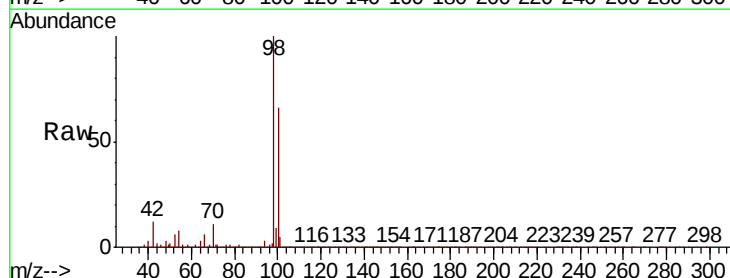
Acq: 06 Dec 2019 14:19

Tgt Ion: 98 Resp: 1138772

Ion Ratio Lower Upper

98 100

100 65.8 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

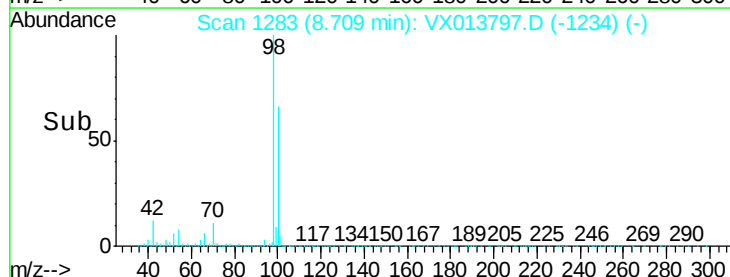
600000

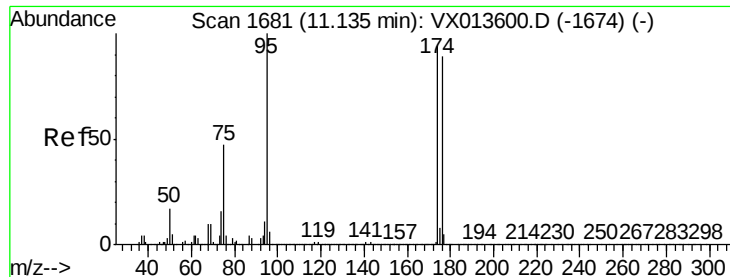
400000

200000

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Time-->

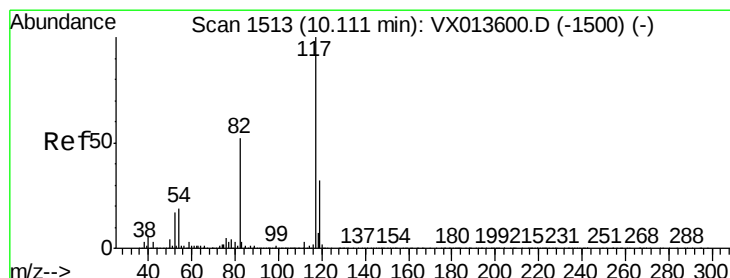
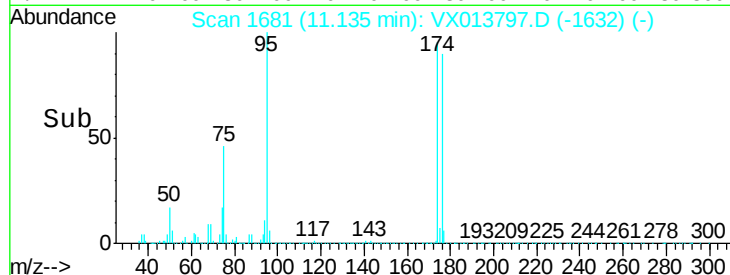
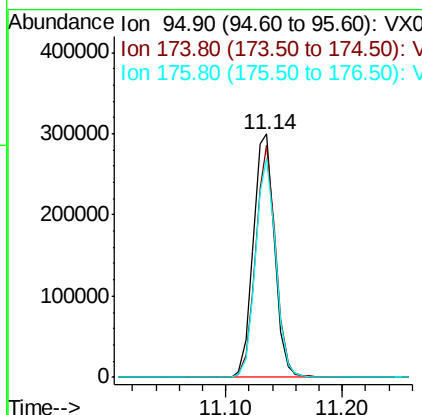
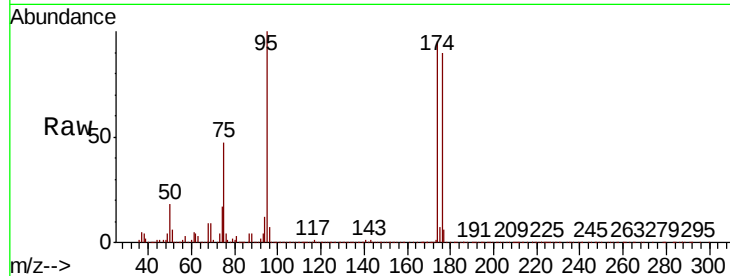




#62
4-Bromofluorobenzene
Concen: 45.327 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013797.D
Acq: 06 Dec 2019 14:19

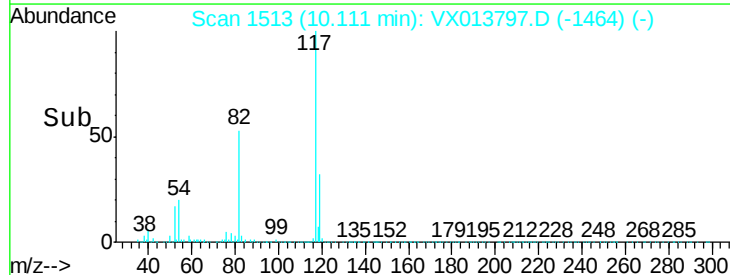
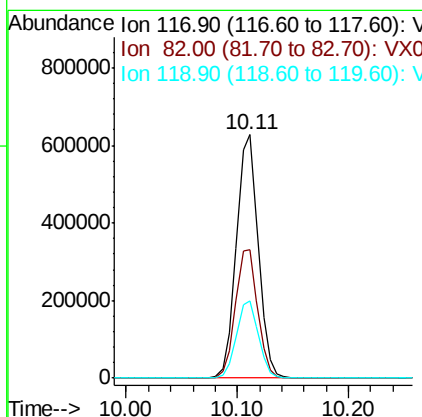
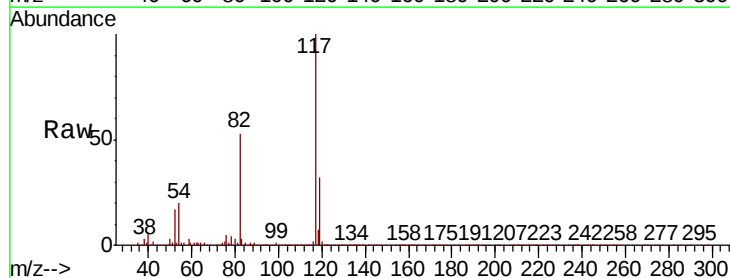
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20191203

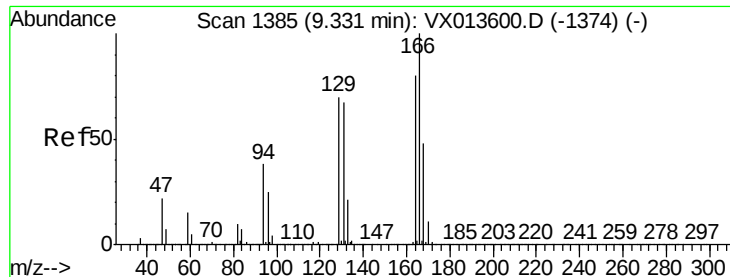
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	180.0
176	85.9	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013797.D
Acq: 06 Dec 2019 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	31.9	25.8	38.8

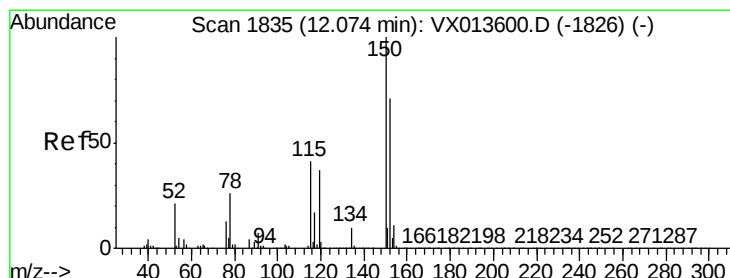
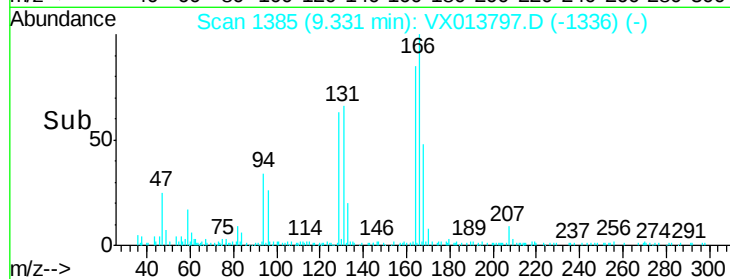
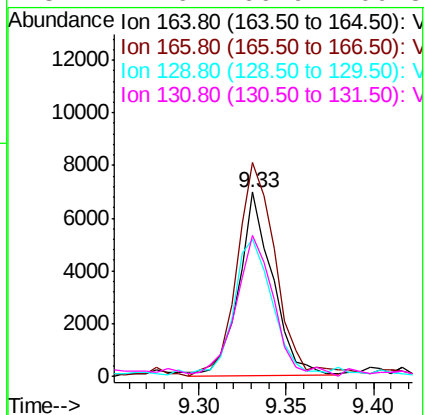
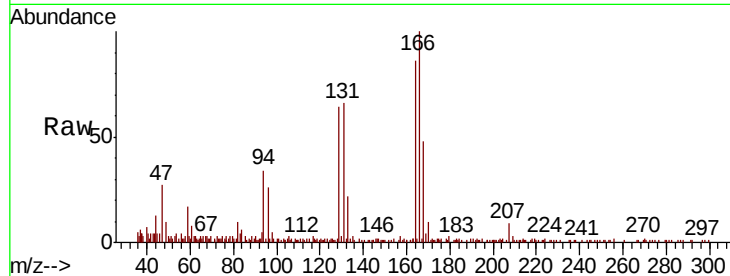




#64
Tetrachloroethene
Concen: 1.457 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013797.D
Acq: 06 Dec 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20191203

Tot Ion	Ratio	Lower	Upper
164	100		
166	118.0	99.7	149.5
129	73.5	70.1	105.1
131	77.6	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: VX013797.D
Acq: 06 Dec 2019 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.4	115.1
150	157.6	0.0	346.8

