

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013901.D
 Acq On : 10 Dec 2019 16:23
 Operator : JC/SP
 Sample : K6185-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20191204

Quant Time: Dec 11 06:26:27 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

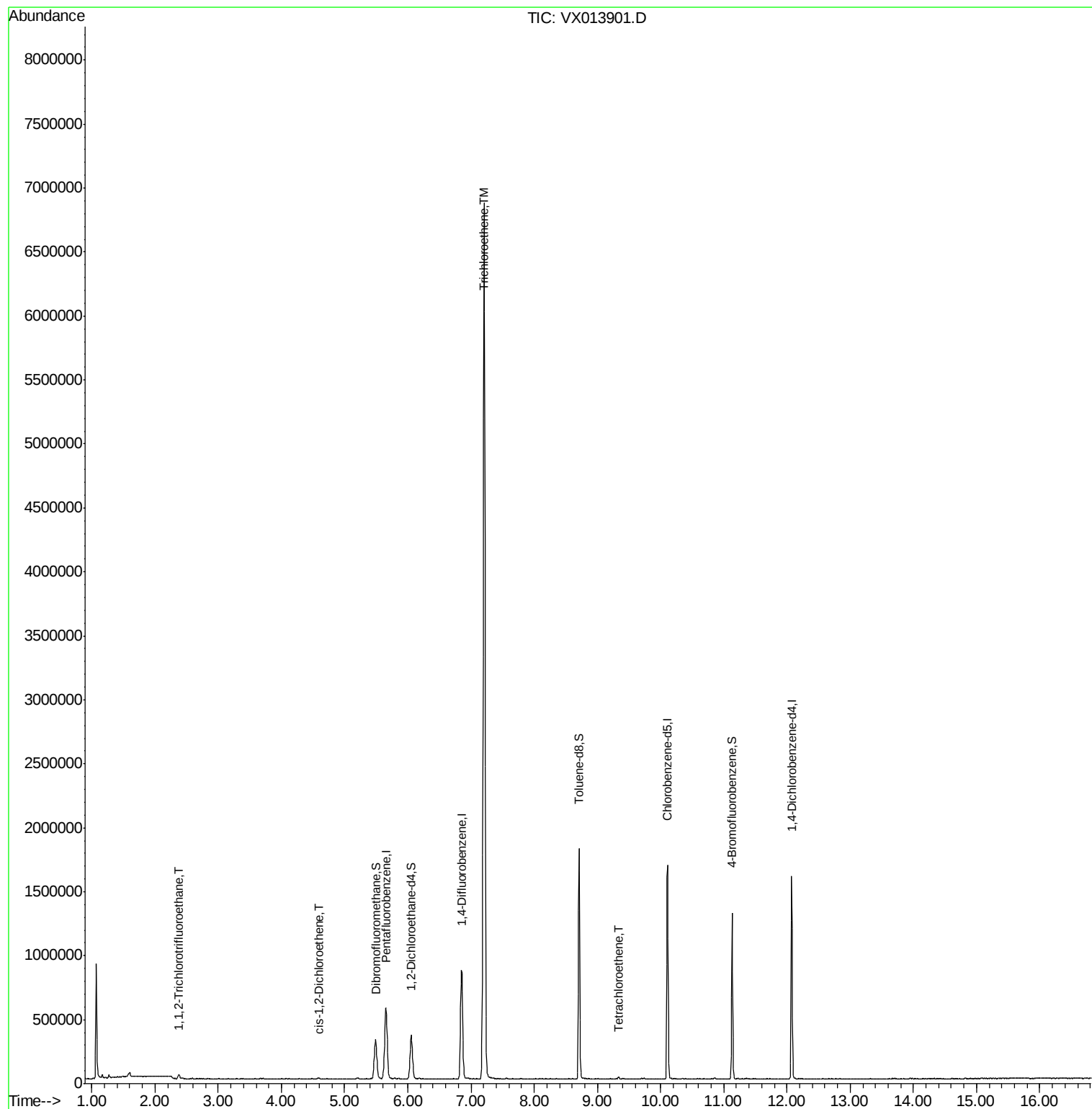
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	579971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	887932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	785994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	322700	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.49	113	270572	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	1046835	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	342107	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13233	2.393	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	4486	0.650	ug/l	85
44) Trichloroethene	7.21	130	2692772	399.681	ug/l	96
64) Tetrachloroethene	9.33	164	4375	0.746	ug/l #	80

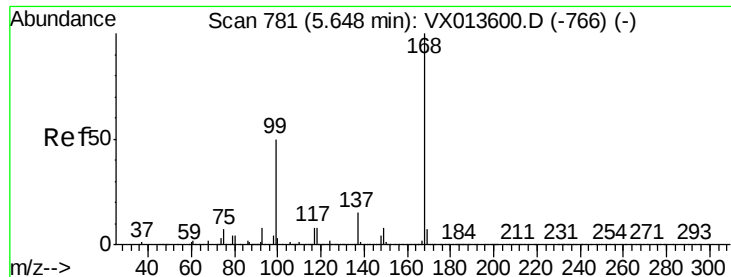
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013901.D

Acq: 10 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

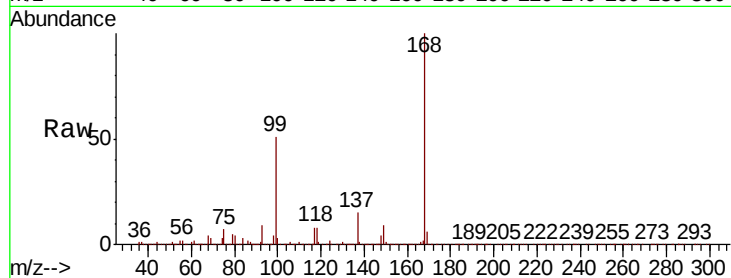
RE103D3-20191204

Tot Ion:168 Resp: 579971

Ion Ratio Lower Upper

168 100

99 50.9 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

200000

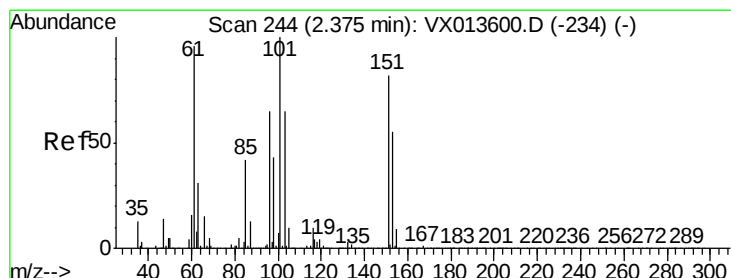
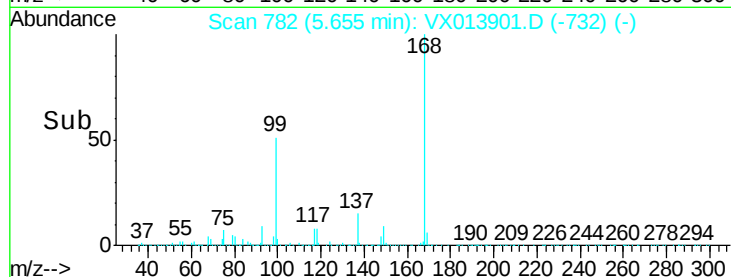
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.393 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013901.D

Acq: 10 Dec 2019 16:23

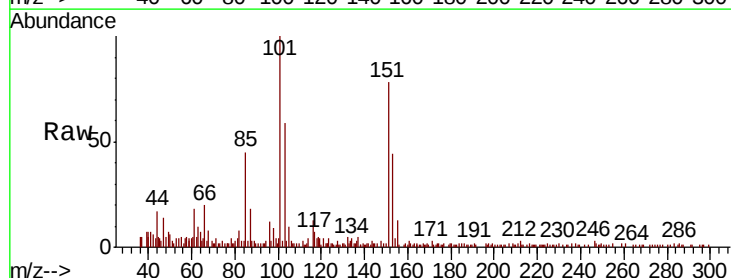
Tgt Ion:101 Resp: 13233

Ion Ratio Lower Upper

101 100

85 47.7 33.9 50.9

151 83.9 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

8000

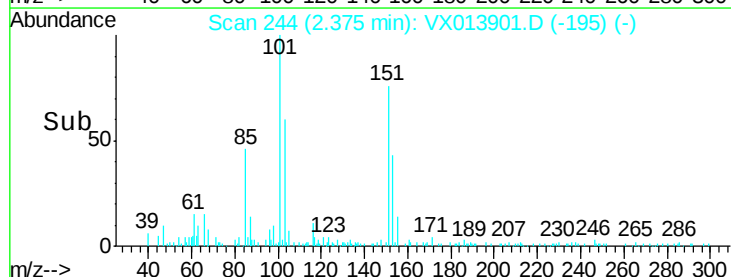
6000

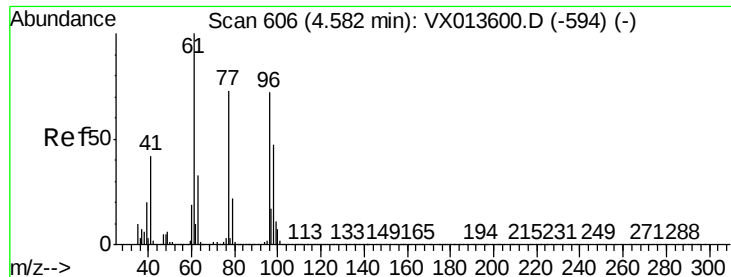
4000

2000

0

Time-->



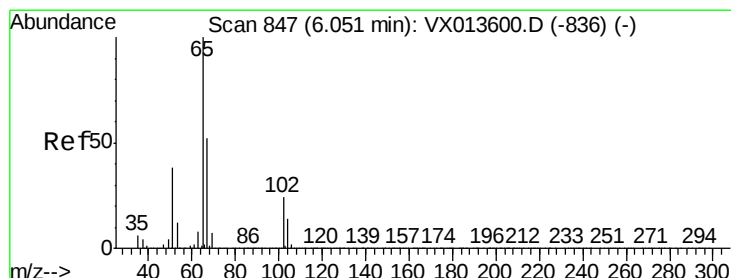
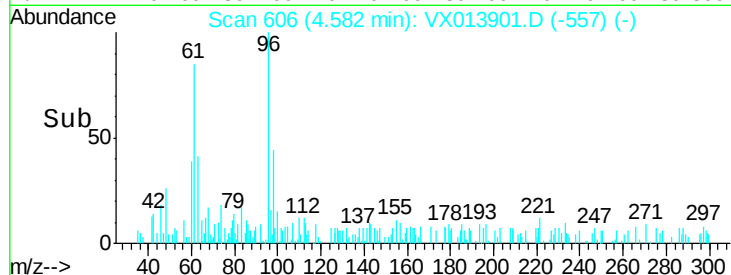
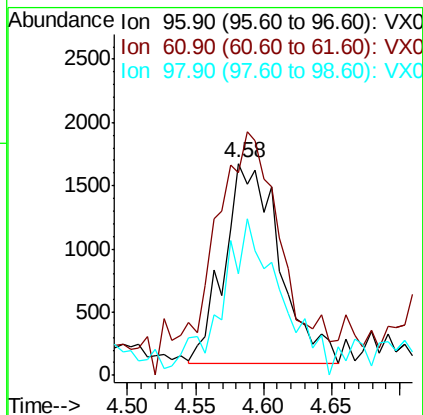
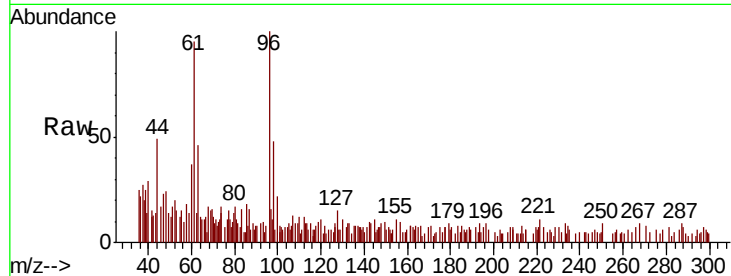


#27

cis-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

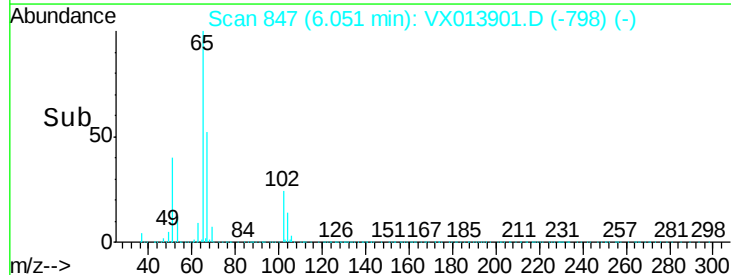
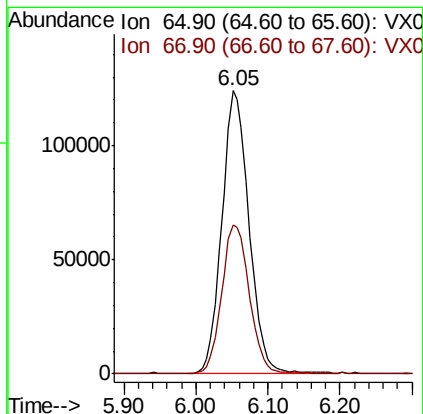
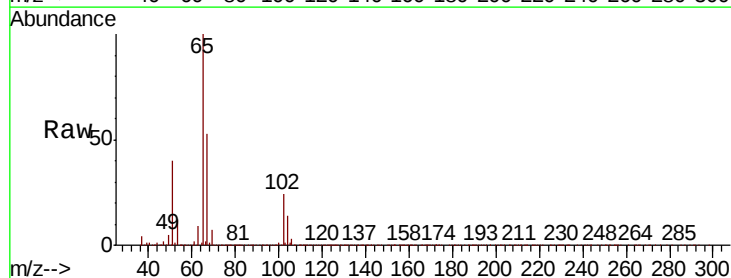
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	286.4
98	83.7	0.0	127.4

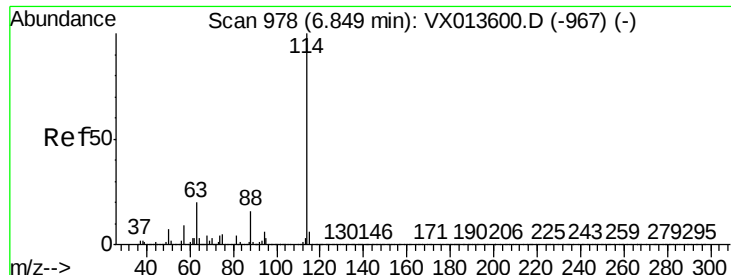


#33

1,2-Dichloroethane-d4
Concen: 47.934 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VX013901.D

Acq: 10 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20191204

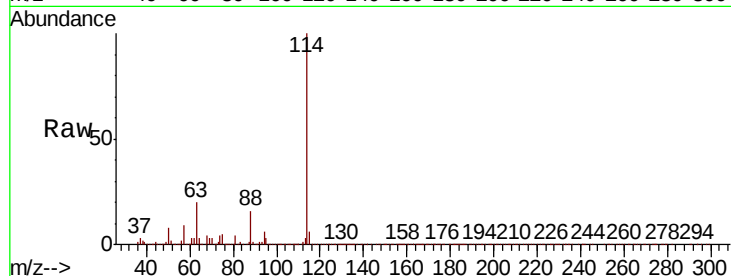
Tot Ion:114 Resp: 887932

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

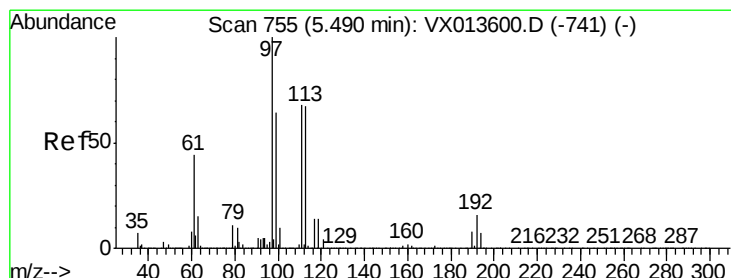
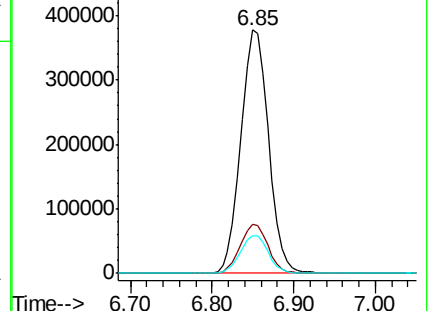
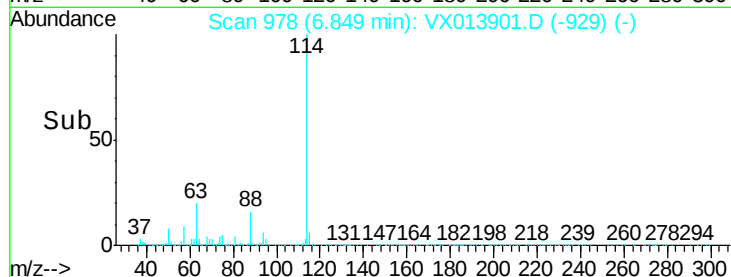
88 15.6 0.0 31.4



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: 49.291 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013901.D

Acq: 10 Dec 2019 16:23

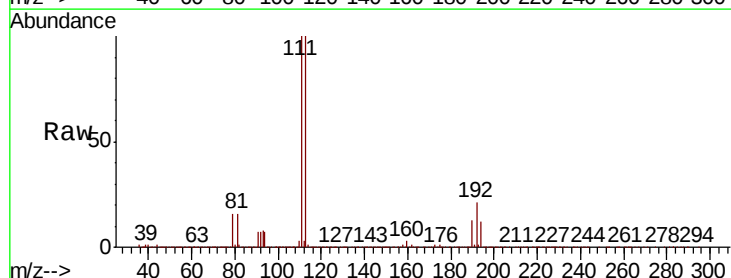
Tgt Ion:113 Resp: 270572

Ion Ratio Lower Upper

113 100

111 100.7 83.6 125.4

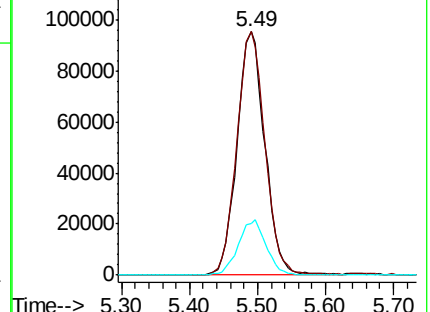
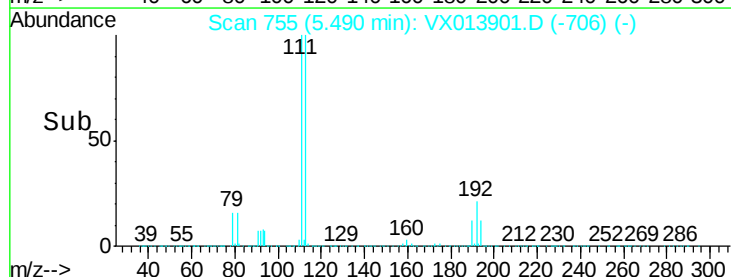
192 22.5 19.2 28.8

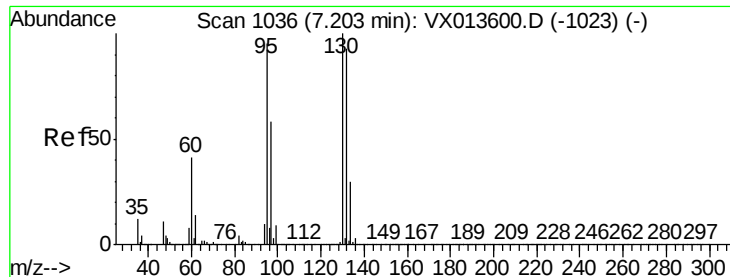


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 399.681 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013901.D

Acq: 10 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

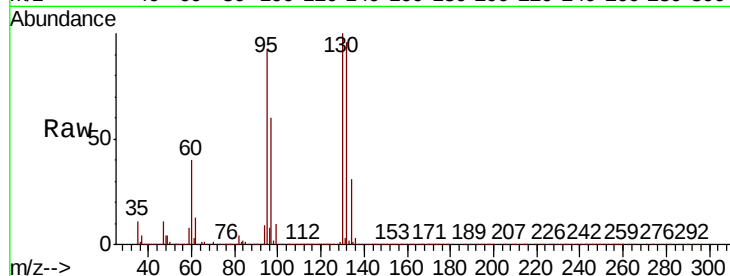
RE103D3-20191204

Tot Ion:130 Resp: 2692772

Ion Ratio Lower Upper

130 100

95 92.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

1500000 Ion 94.90 (94.60 to 95.60): VX0

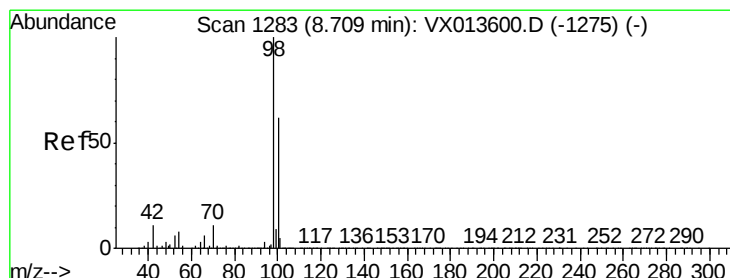
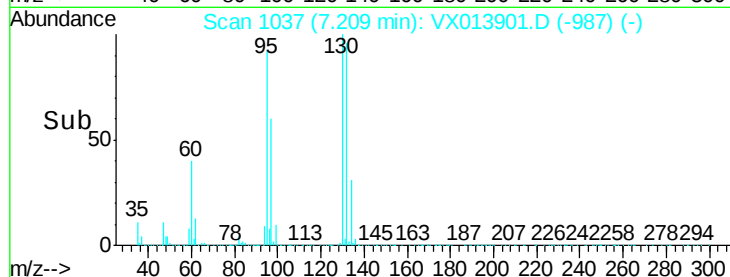
7.21

1000000

500000

0

Time-->



#50

Toluene-d8

Concen: 48.947 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013901.D

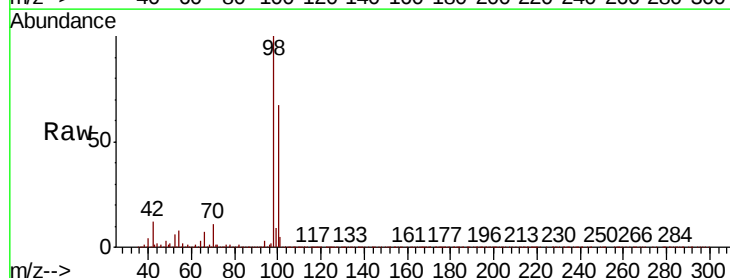
Acq: 10 Dec 2019 16:23

Tgt Ion: 98 Resp: 1046835

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

800000 Ion 100.00 (99.70 to 100.70): V

8.71

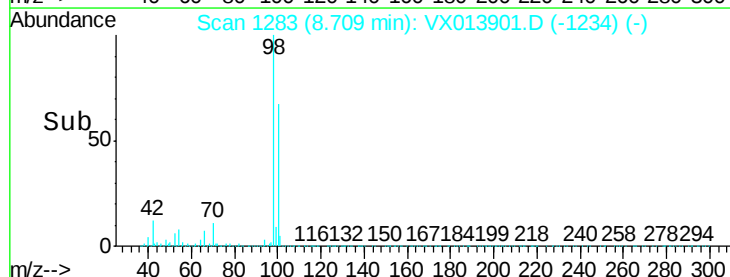
600000

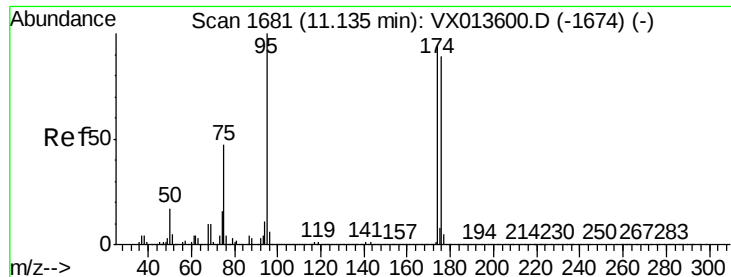
400000

200000

0

Time-->

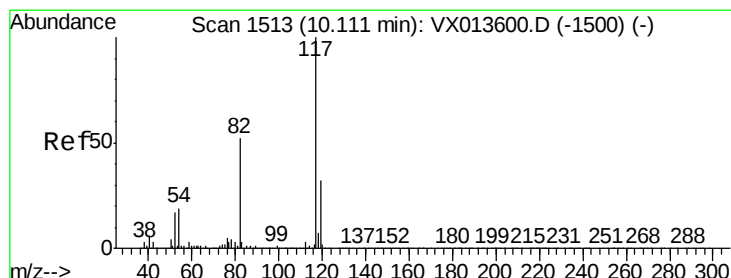
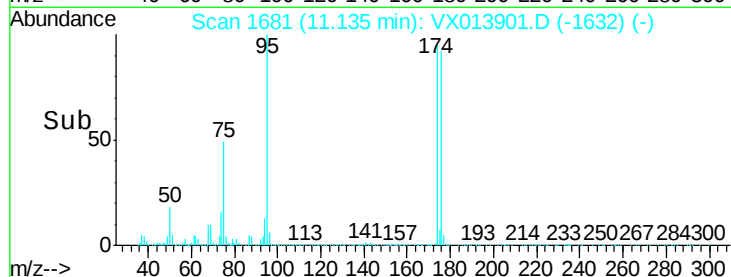
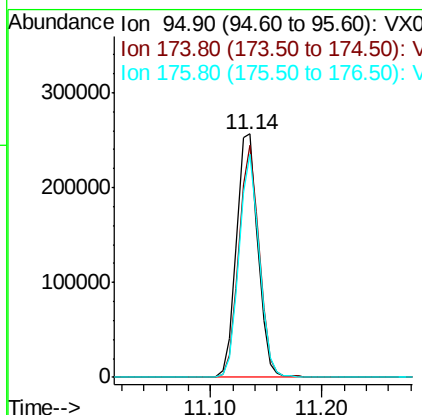
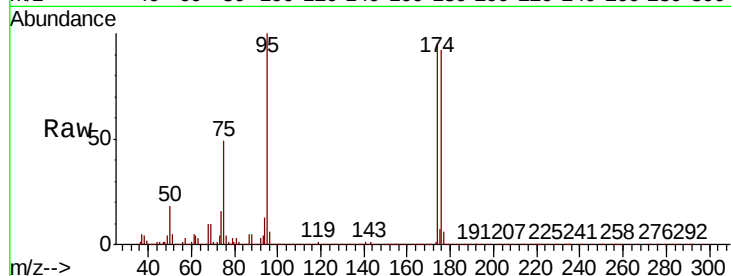




#62
4-Bromofluorobenzene
Concen: 44.359 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

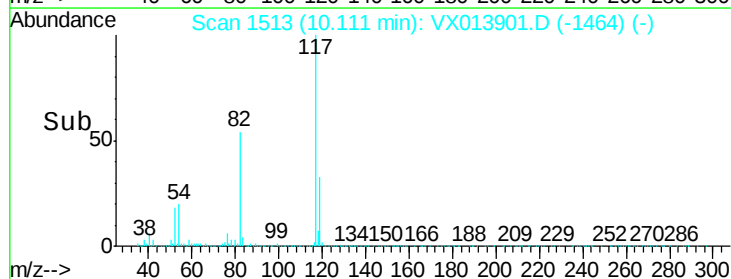
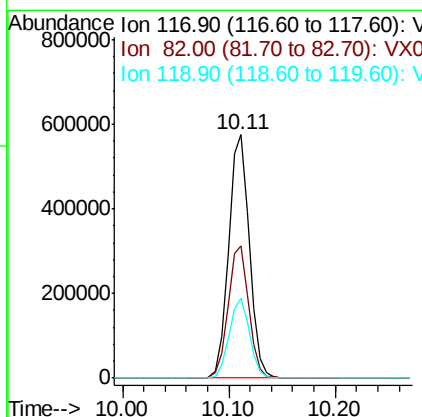
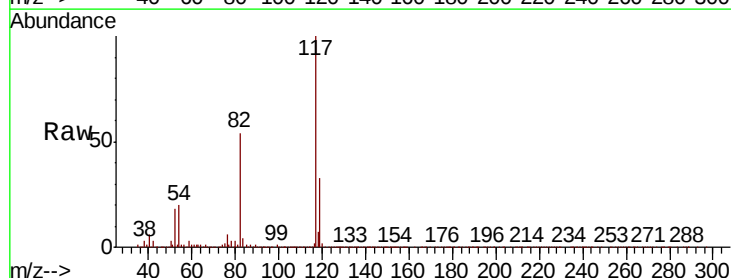
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20191204

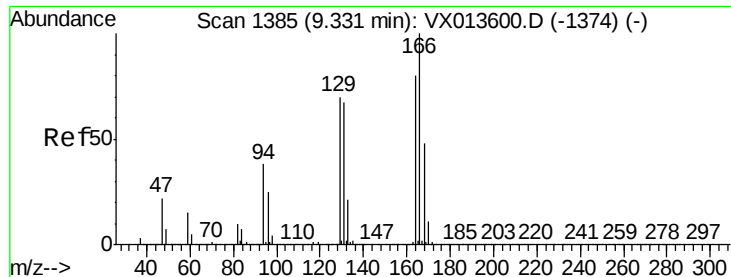
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.0
176	87.1	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013901.D
Acq: 10 Dec 2019 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.8
119	32.7	25.8	38.8





#64

Tetrachloroethene

Concen: 0.746 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013901.D

Acq: 10 Dec 2019 16:23

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20191204

Tot Ion:164 Resp: 4375

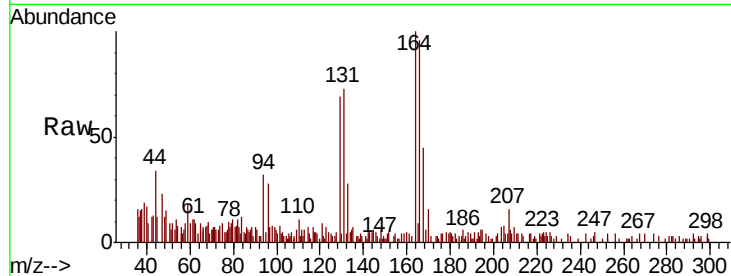
Ion Ratio Lower Upper

164 100

166 96.2 99.7 149.5#

129 68.8 70.1 105.1#

131 73.4 66.9 100.3

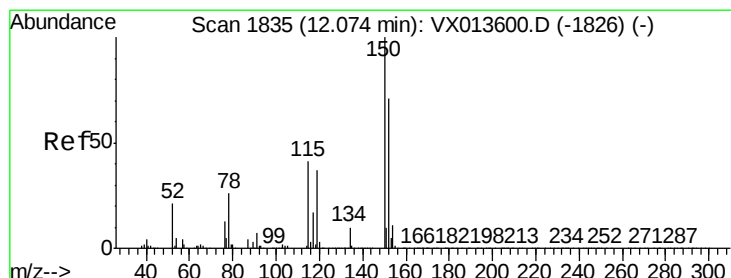
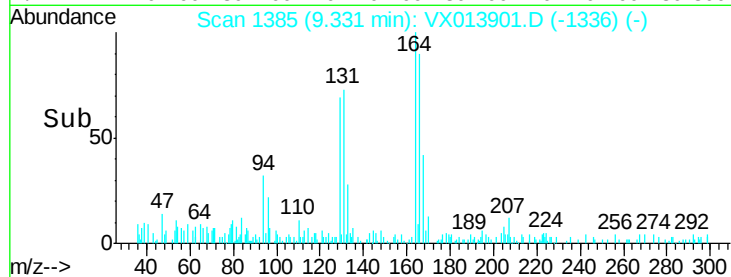
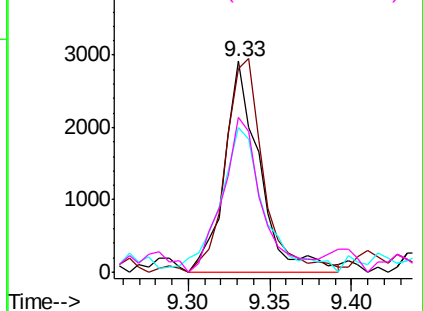


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX013901.D

Acq: 10 Dec 2019 16:23

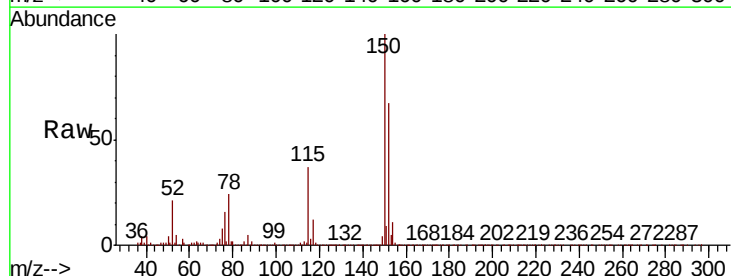
Tgt Ion:152 Resp: 340497

Ion Ratio Lower Upper

152 100

115 54.6 38.4 115.1

150 151.8 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

