

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014089.D
 Acq On : 18 Dec 2019 12:17
 Operator : JC/SP
 Sample : K6252-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20191209DL

Quant Time: Dec 18 16:48:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

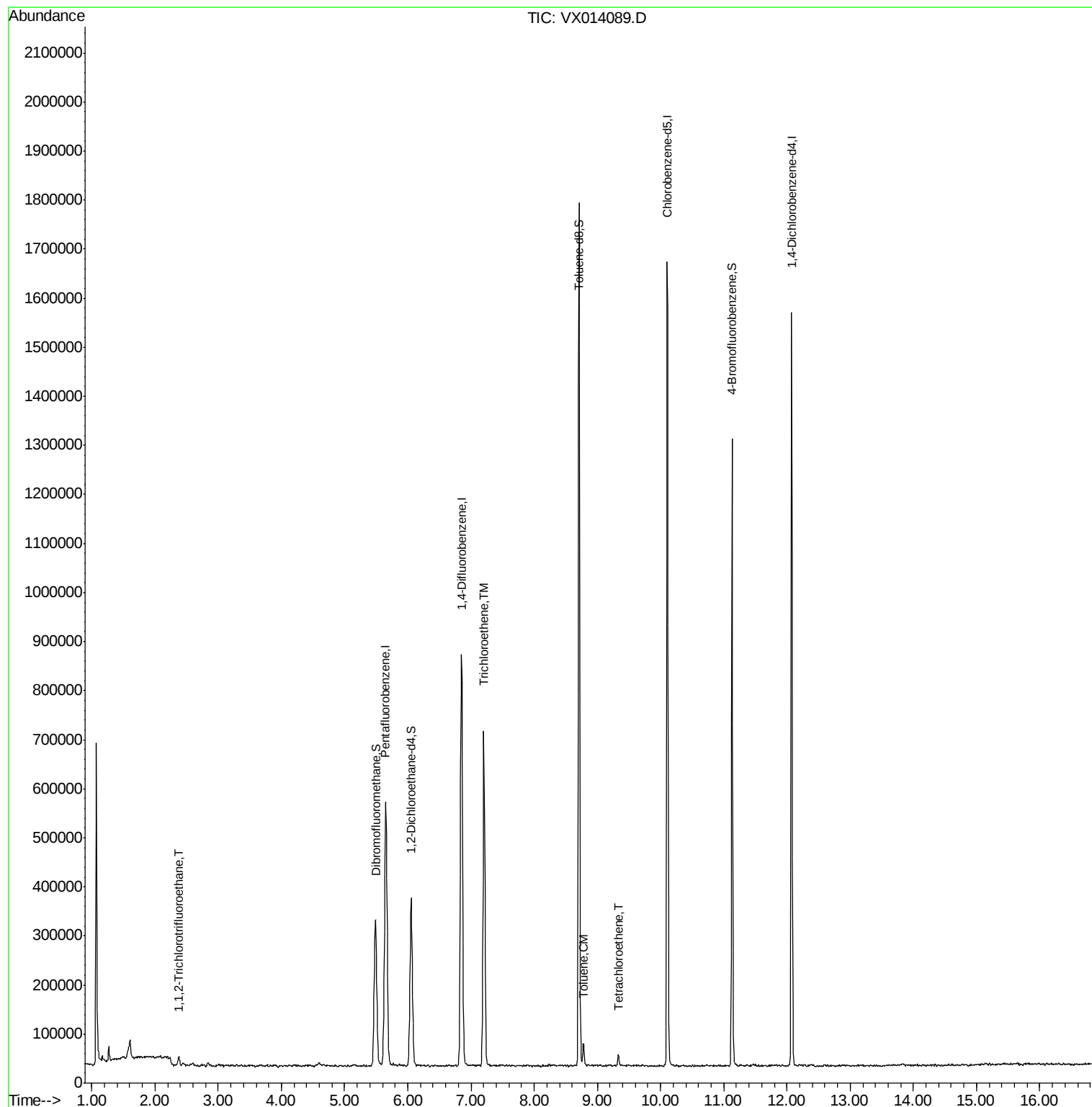
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	563457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	868973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	312297	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.49	113	258364	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	1018390	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	334825	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	6853	1.287	ug/l	96
44) Trichloroethene	7.21	130	273032	40.293	ug/l	100
52) Toluene	8.78	92	18899	1.219	ug/l	92
64) Tetrachloroethene	9.33	164	5592	0.830	ug/l	94

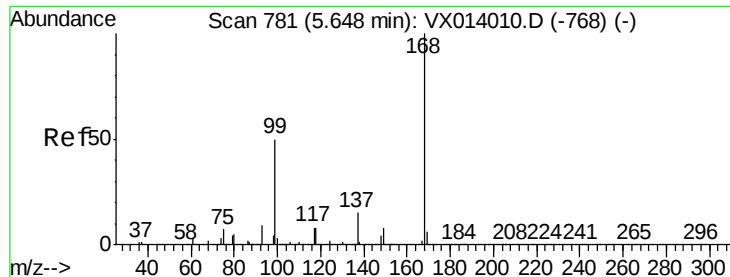
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 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: VX014089.D

Acq: 18 Dec 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

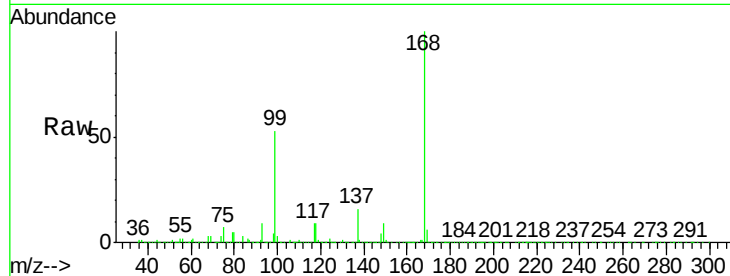
RE132D4-20191209DL

Tot Ion:168 Resp: 563457

Ion Ratio Lower Upper

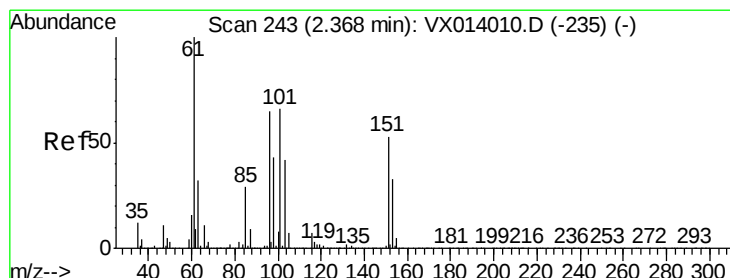
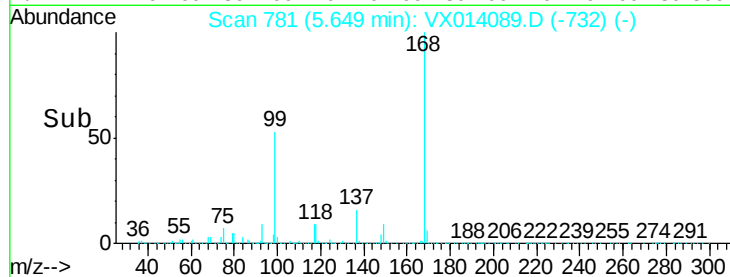
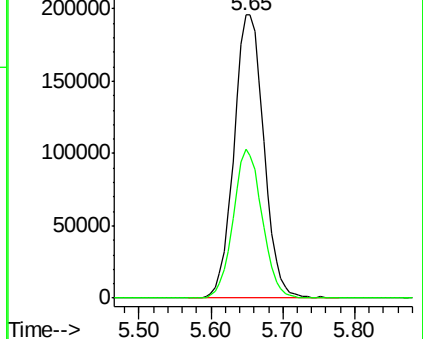
168 100

99 52.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.287 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014089.D

Acq: 18 Dec 2019 12:17

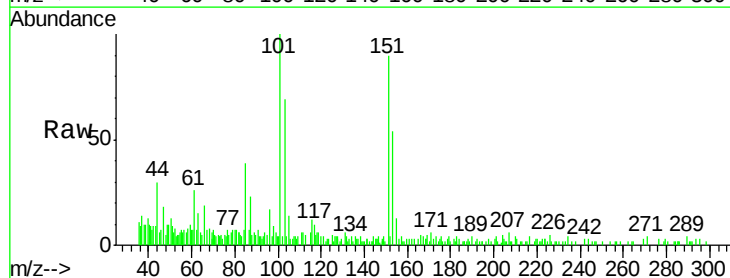
Tgt Ion:101 Resp: 6853

Ion Ratio Lower Upper

101 100

85 38.5 33.7 50.5

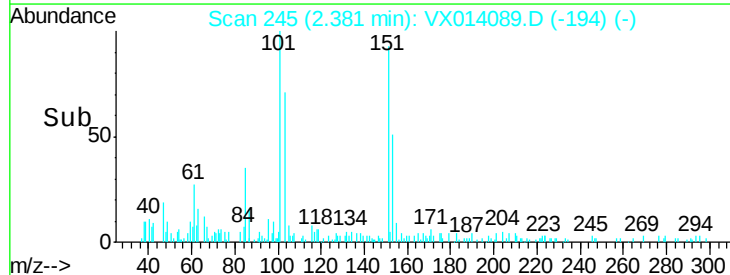
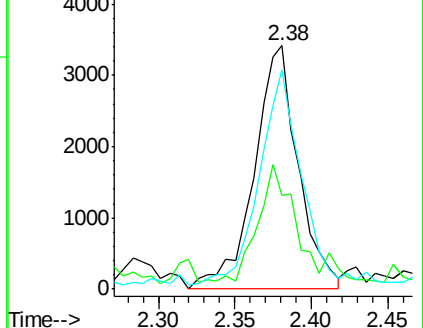
151 83.9 64.5 96.7

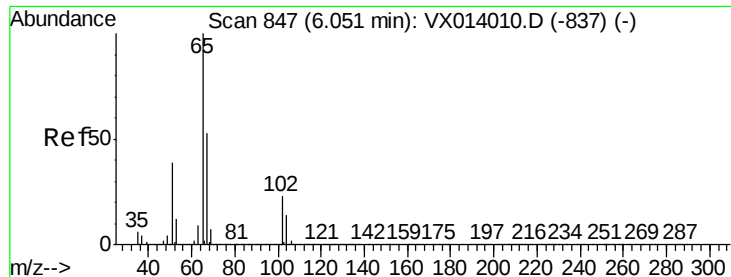


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#33

1,2-Dichloroethane-d4

Concen: 48.903 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014089.D

Acq: 18 Dec 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

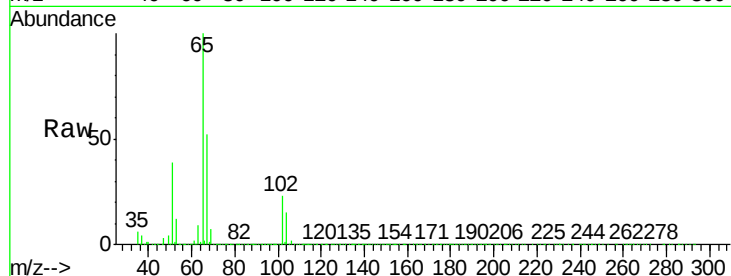
RE132D4-20191209DL

Tot Ion: 65 Resp: 312297

Ion Ratio Lower Upper

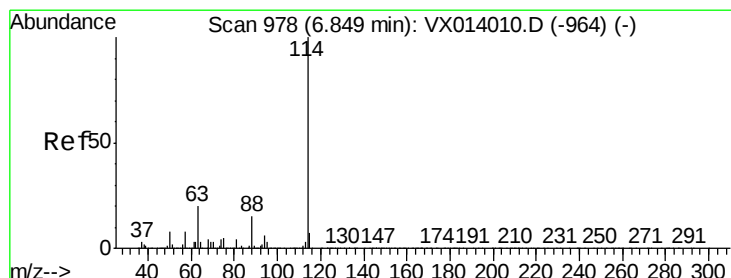
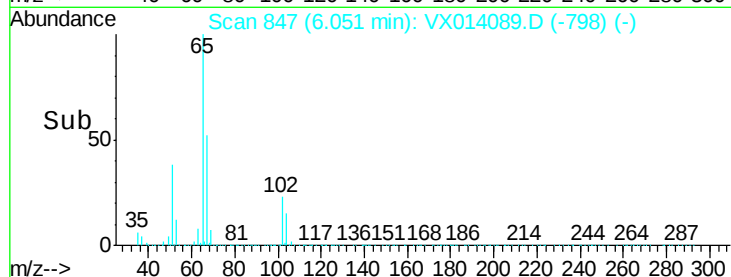
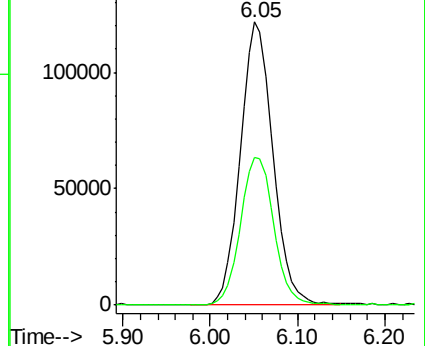
65 100

67 53.4 0.0 106.4



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: VX014089.D

Acq: 18 Dec 2019 12:17

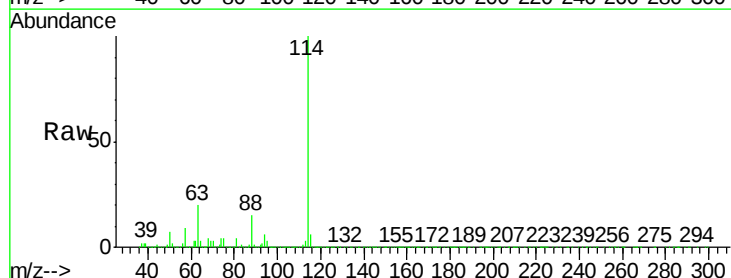
Tgt Ion: 114 Resp: 868973

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

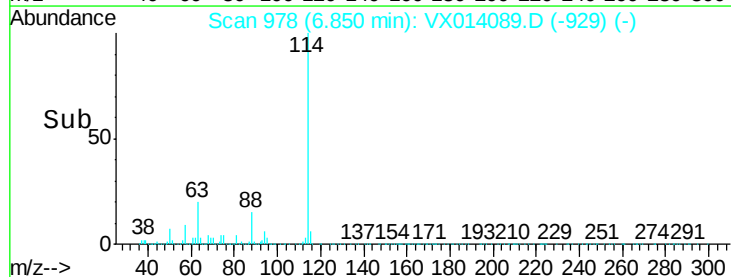
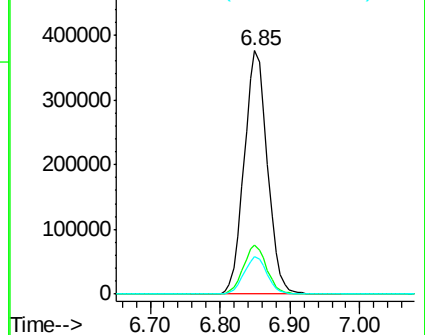
88 15.4 0.0 30.4



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

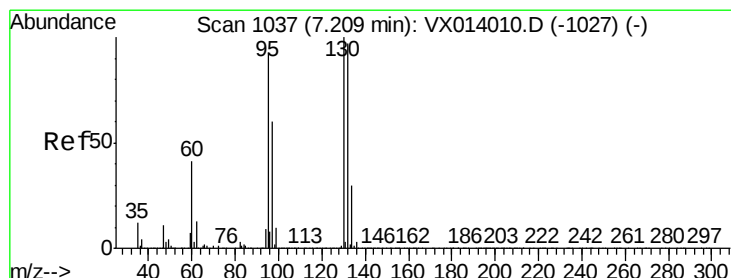
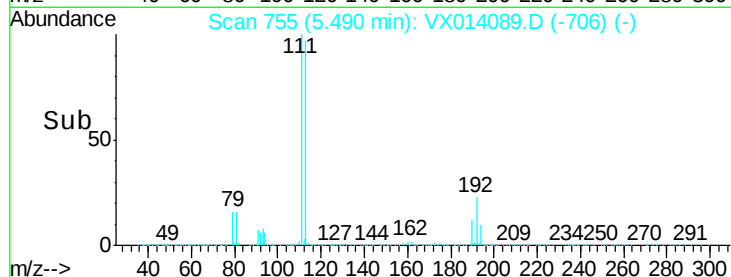
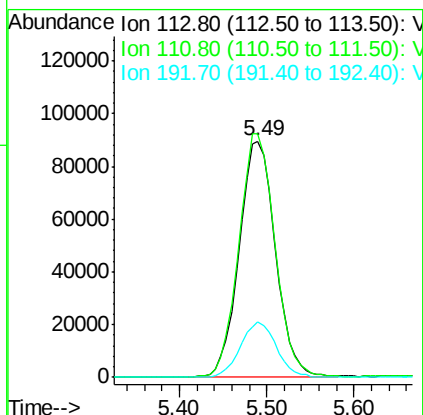
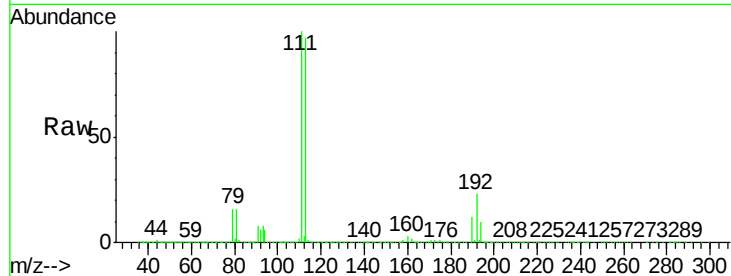




#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

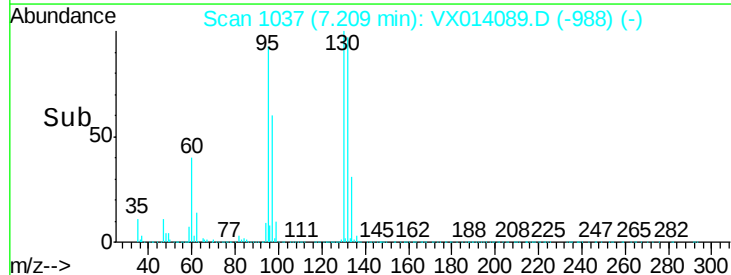
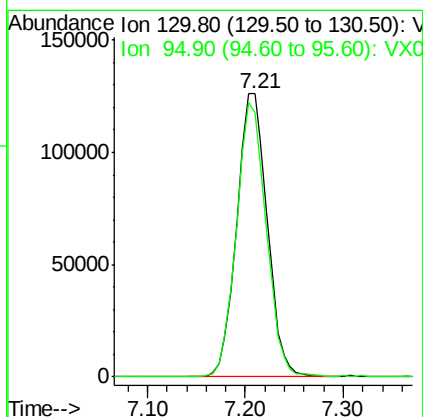
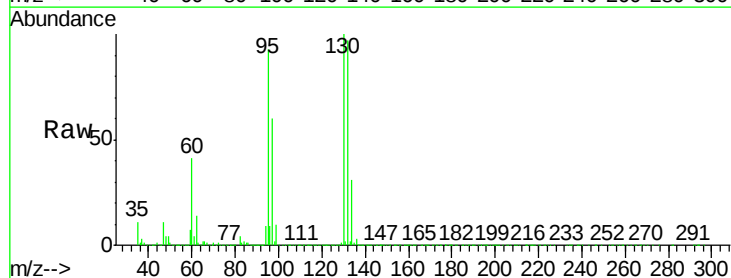
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

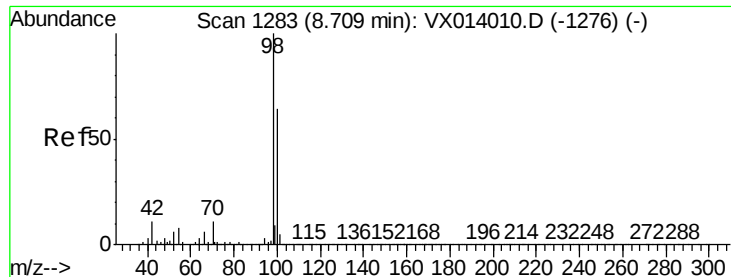
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.4	19.3	28.9



#44
Trichloroethene
Concen: 40.293 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.6

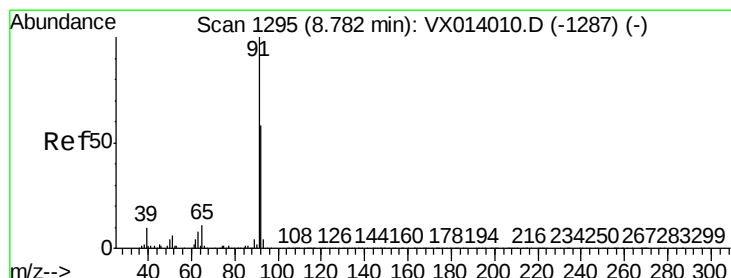
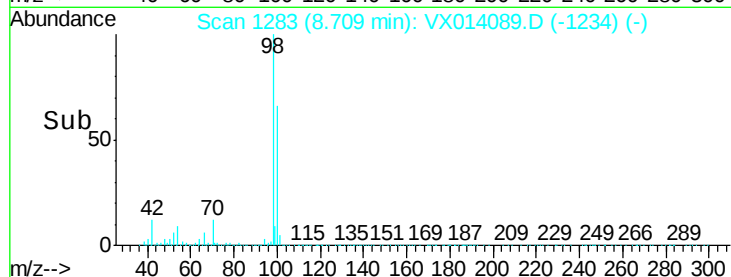
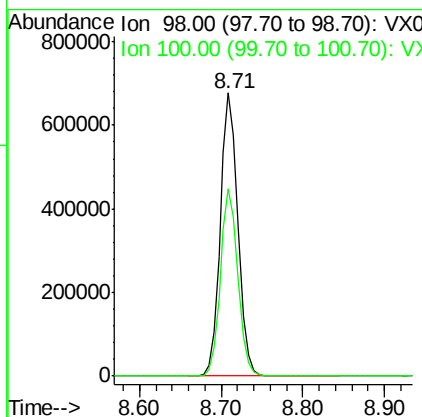
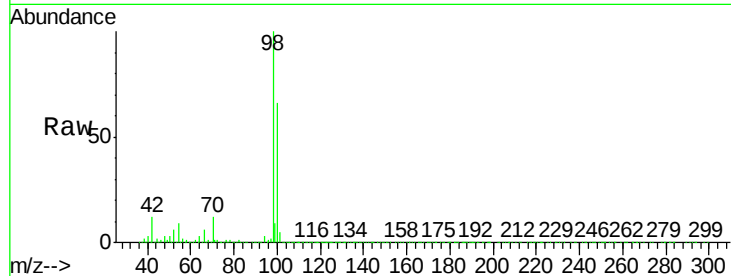




#50
Toluene-d8
Concen: 49.519 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

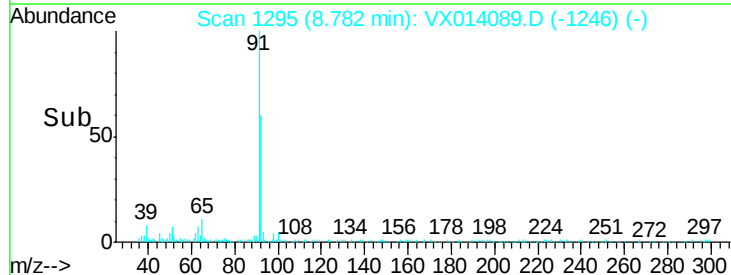
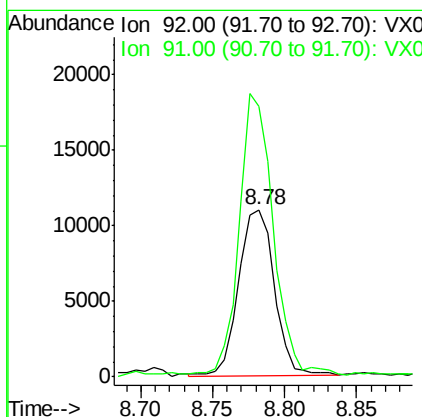
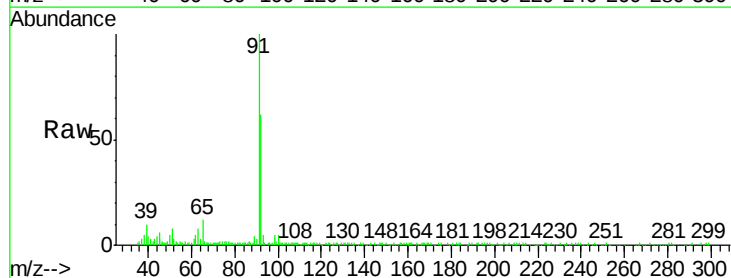
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209DL

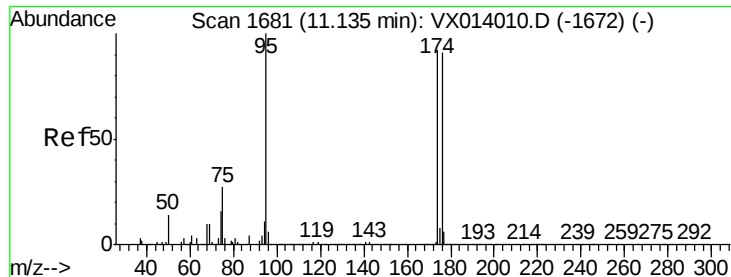
Tot Ion: 98 Resp: 1018390
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#52
Toluene
Concen: 1.219 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014089.D
Acq: 18 Dec 2019 12:17

Tgt Ion: 92 Resp: 18899
Ion Ratio Lower Upper
92 100
91 159.7 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 44.538 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014089.D

Acq: 18 Dec 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20191209DL

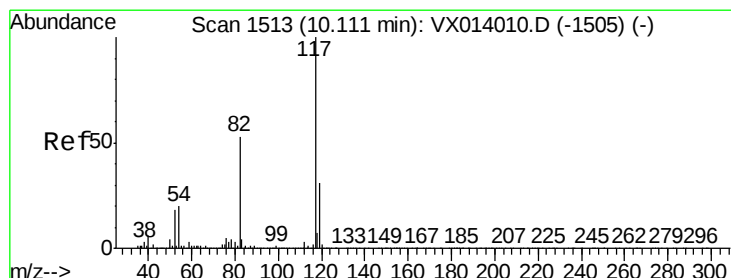
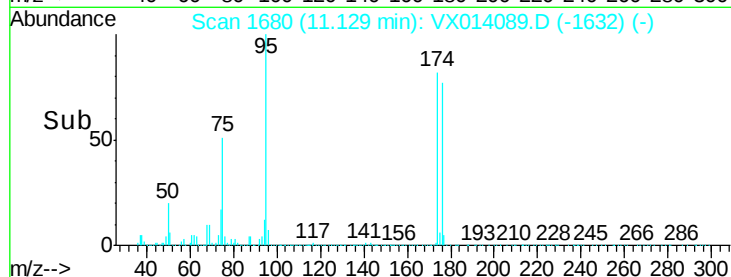
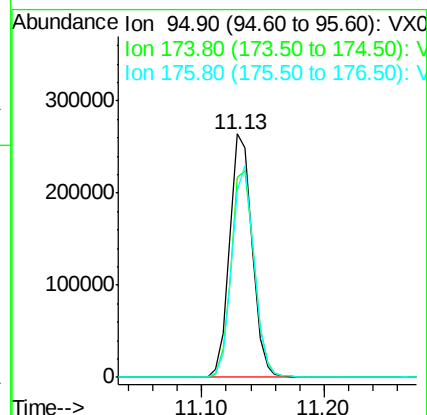
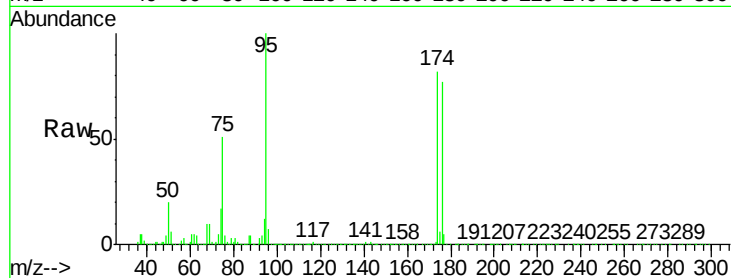
Tot Ion: 95 Resp: 334825

Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

176 85.7 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014089.D

Acq: 18 Dec 2019 12:17

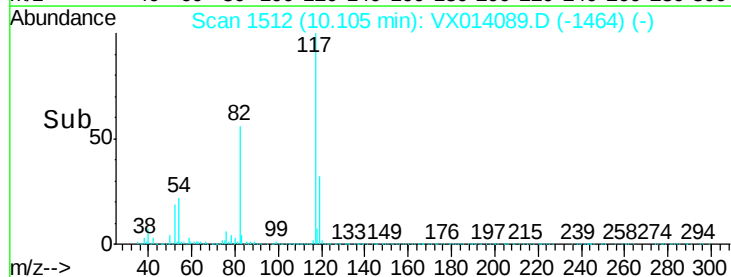
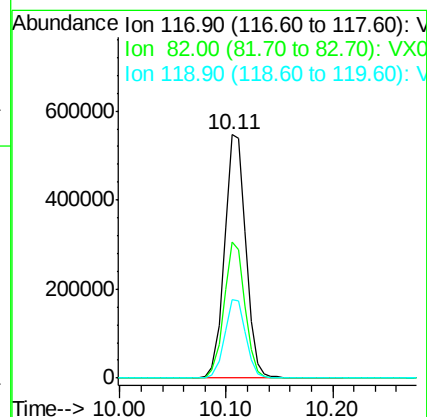
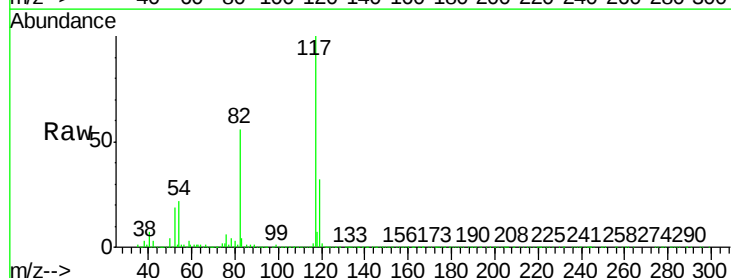
Tgt Ion: 117 Resp: 761597

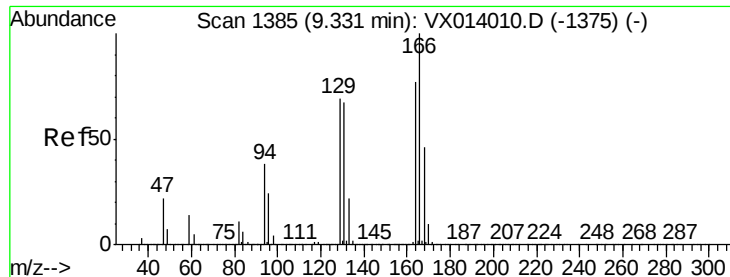
Ion Ratio Lower Upper

117 100

82 55.9 42.2 63.4

119 32.0 25.1 37.7





#64

Tetrachloroethene

Concen: 0.830 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014089.D

Acq: 18 Dec 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20191209DL

Tot Ion:164 Resp: 5592

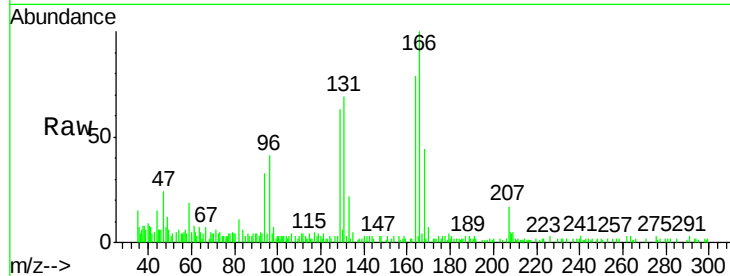
Ion Ratio Lower Upper

164 100

166 123.3 104.0 156.0

129 79.7 72.2 108.4

131 88.1 69.6 104.4

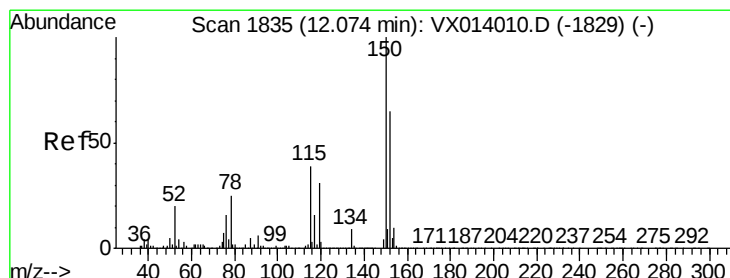
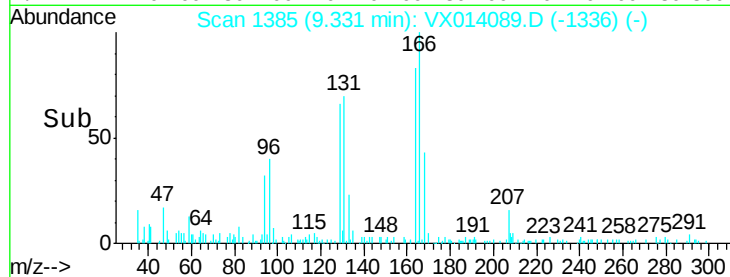
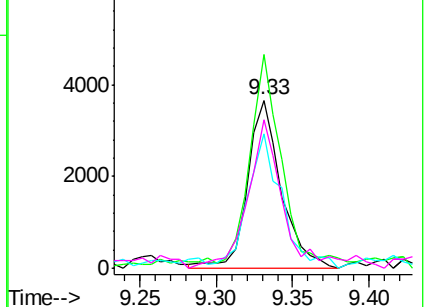


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014089.D

Acq: 18 Dec 2019 12:17

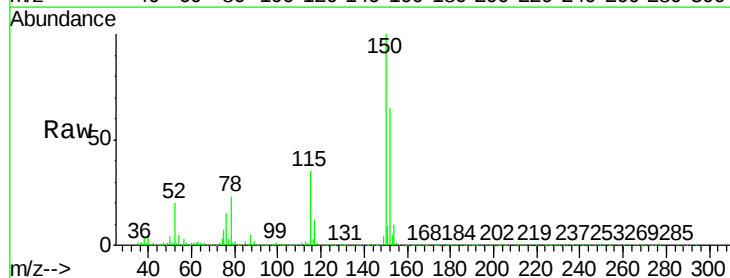
Tgt Ion:152 Resp: 327209

Ion Ratio Lower Upper

152 100

115 55.0 38.3 114.9

150 154.6 0.0 345.4



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

