

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012477.D
 Acq On : 18 Sep 2019 16:34
 Operator : JC/SP
 Sample : K4858-13DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20190910DL

Quant Time: Sep 19 07:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

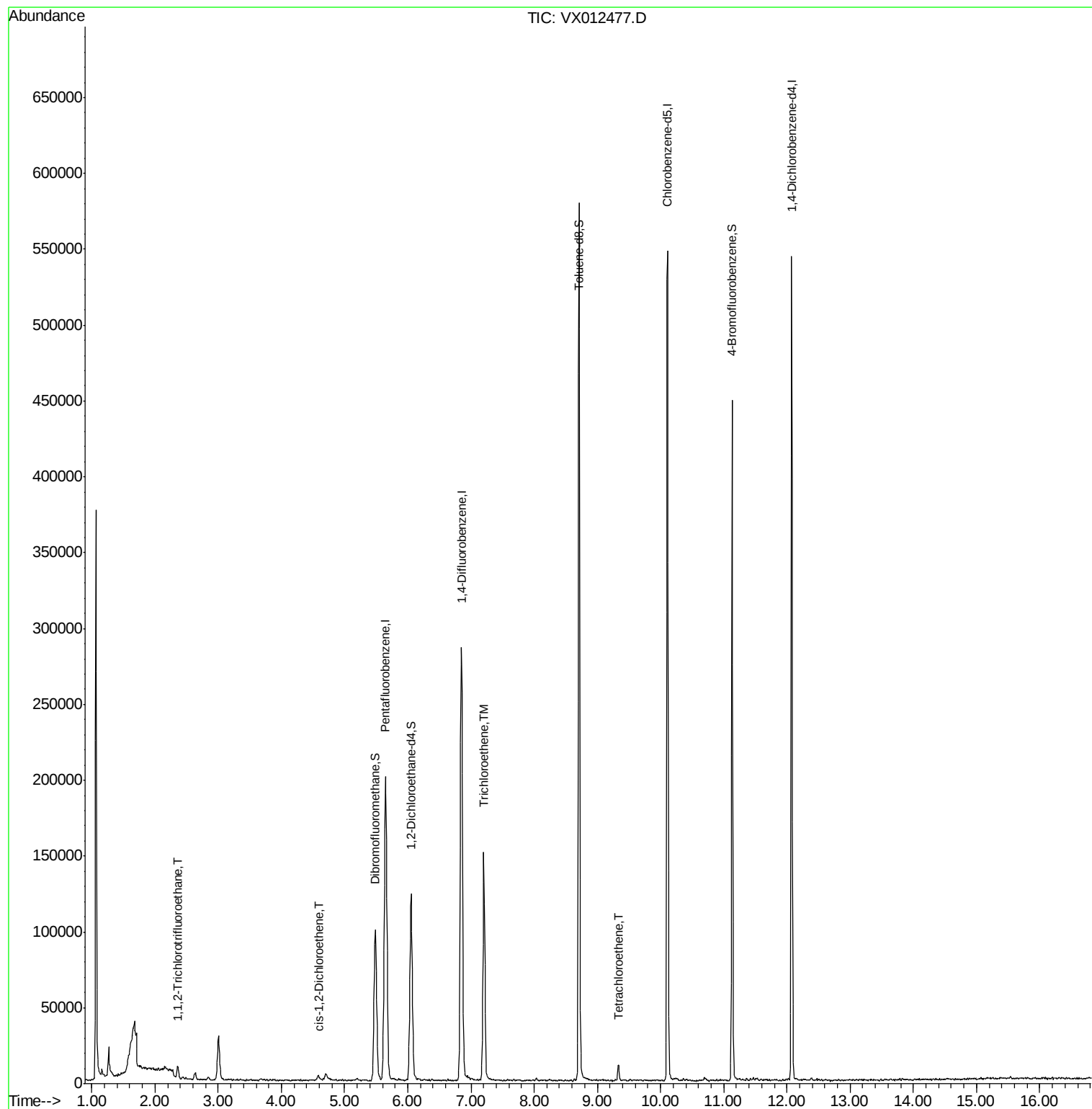
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120169	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
35) Dibromofluoromethane	5.48	113	84321	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	326040	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	121860	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2558	1.781	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	1506	0.847	ug/l	79
44) Trichloroethene	7.20	130	57925	40.124	ug/l	95
64) Tetrachloroethene	9.33	164	1952	1.744	ug/l	85

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

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QLast Update : Tue Sep 17 15:27:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

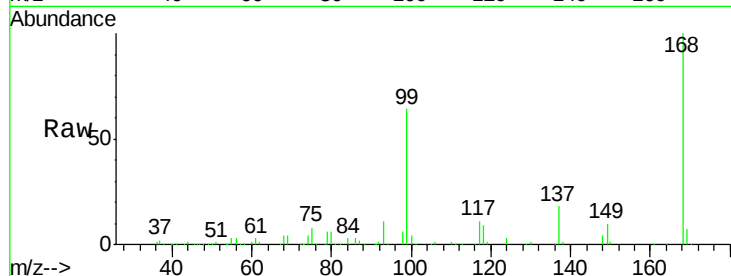
RE125D1-20190910DL

Tot Ion:168 Resp: 182266

Ion Ratio Lower Upper

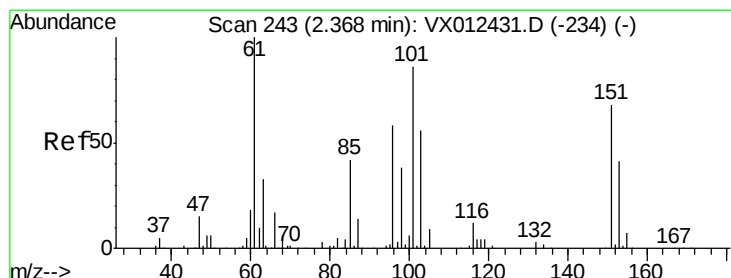
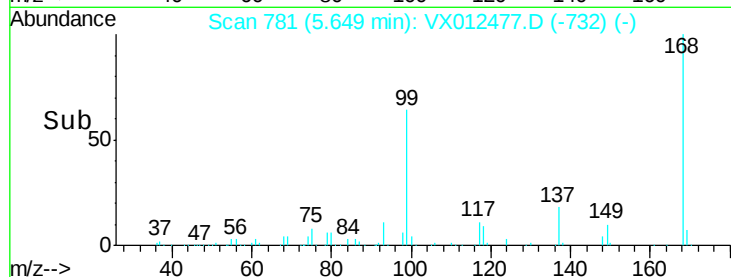
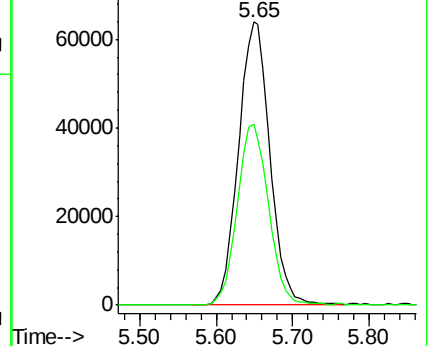
168 100

99 63.9 51.4 77.2



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: 1.781 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

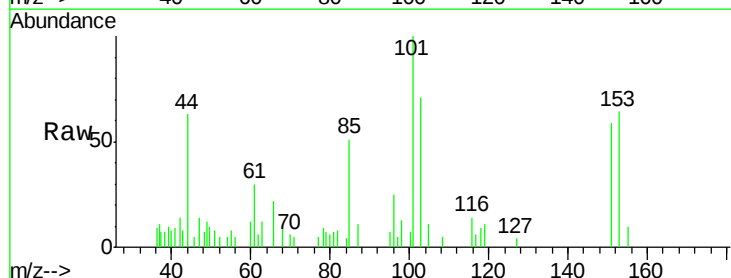
Tgt Ion:101 Resp: 2558

Ion Ratio Lower Upper

101 100

85 50.4 37.3 55.9

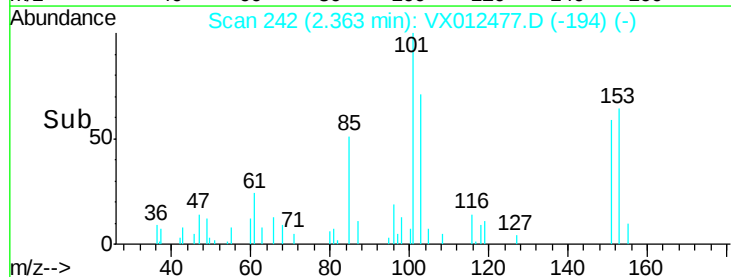
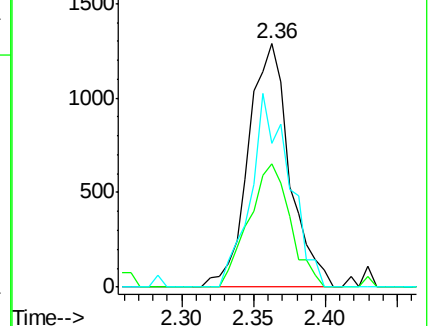
151 74.2 61.0 91.4

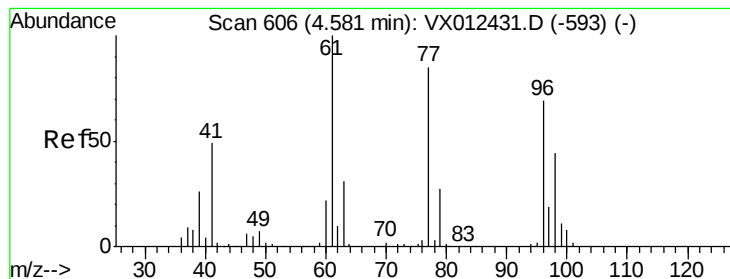


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



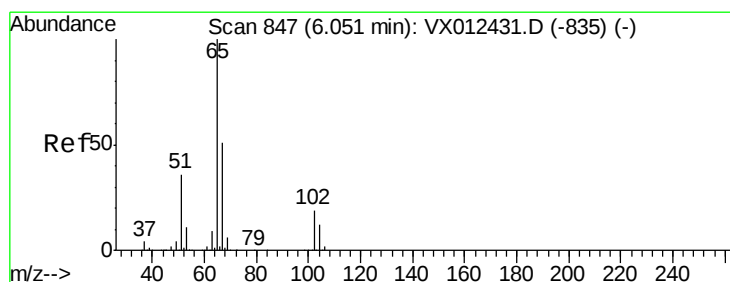
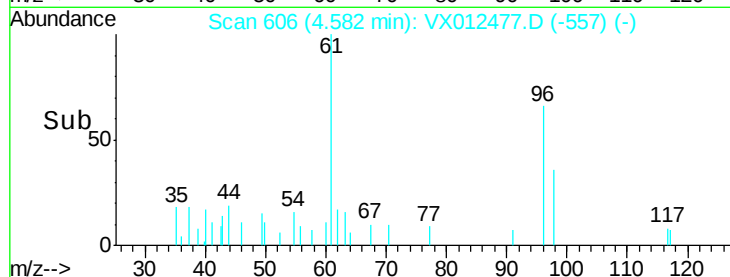
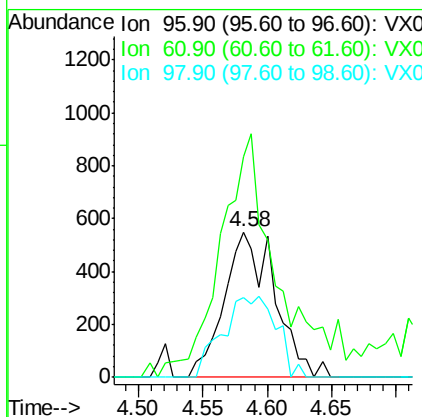
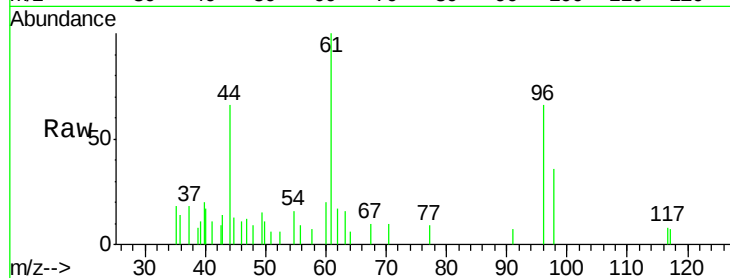


#27

cis-1,2-Dichloroethene
 Concen: 0.847 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012477.D
 Acq: 18 Sep 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20190910DL

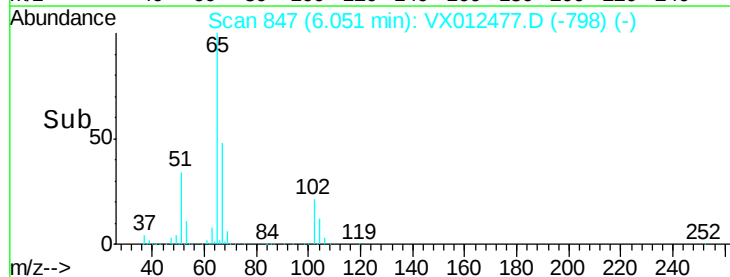
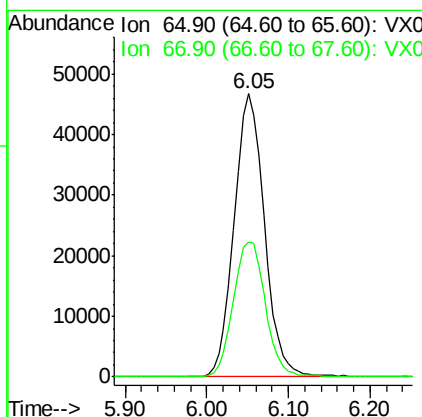
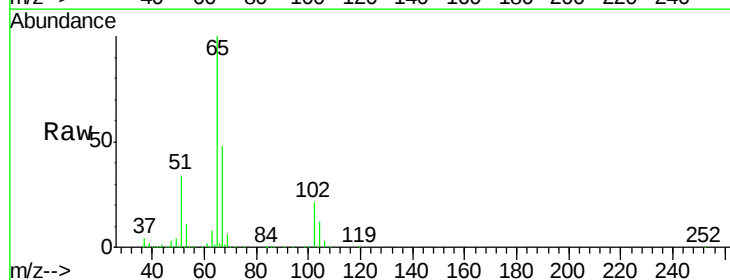
Tot Ion: 96 Resp: 1506
 Ion Ratio Lower Upper
 96 100
 61 193.8 0.0 319.4
 98 59.0 0.0 130.6

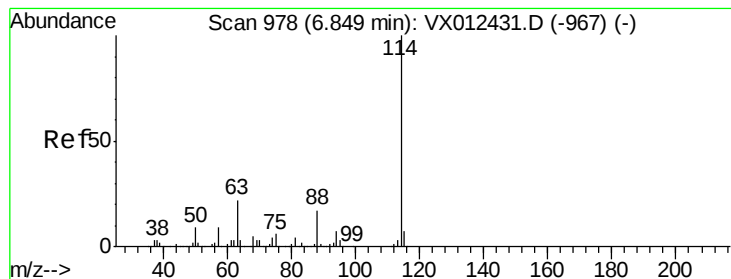


#33

1,2-Dichloroethane-d4
 Concen: 46.002 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012477.D
 Acq: 18 Sep 2019 16:34

Tgt Ion: 65 Resp: 120169
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20190910DL

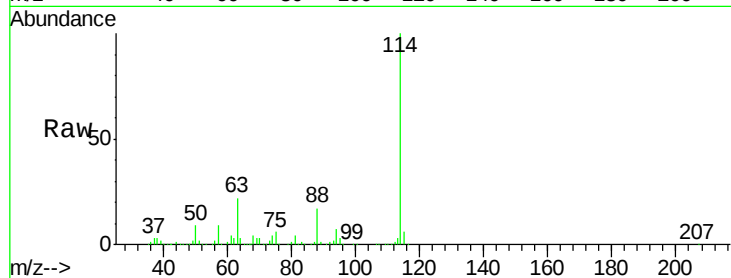
Tot Ion:114 Resp: 283966

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

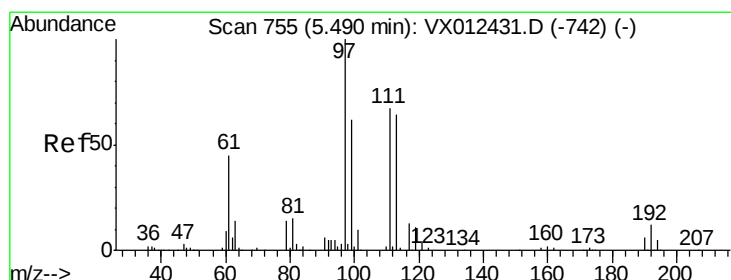
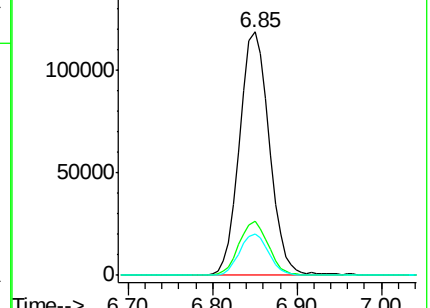
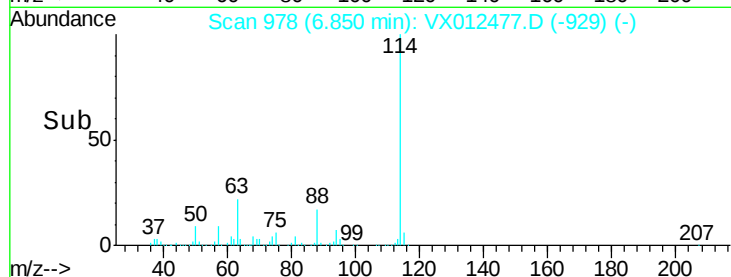
88 16.9 0.0 33.2



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: 49.060 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

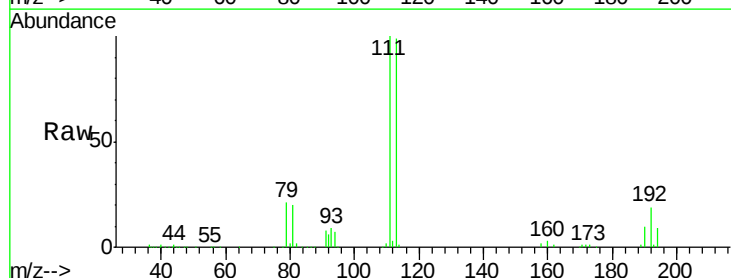
Tgt Ion:113 Resp: 84321

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

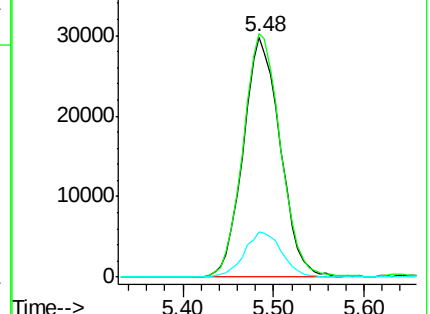
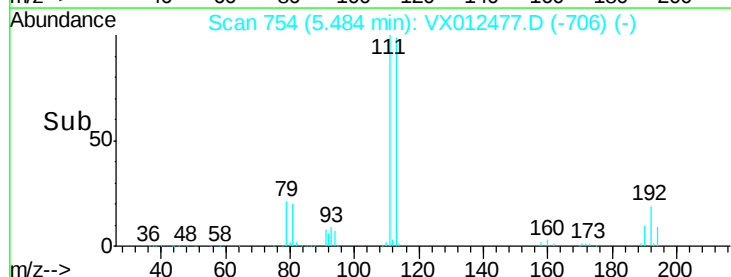
192 19.1 14.4 21.6

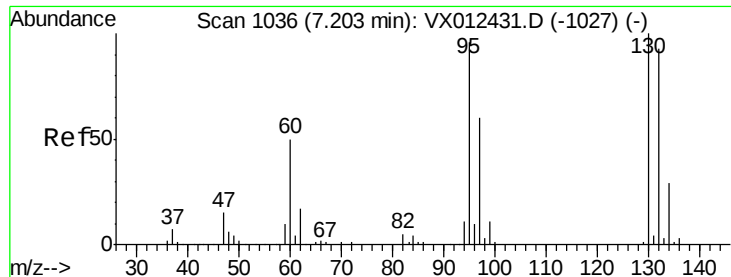


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 40.124 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

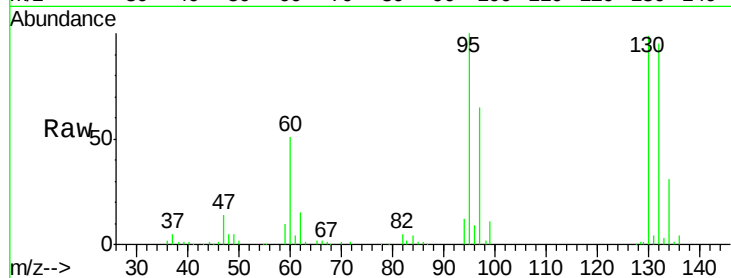
RE125D1-20190910DL

Tot Ion:130 Resp: 57925

Ion Ratio Lower Upper

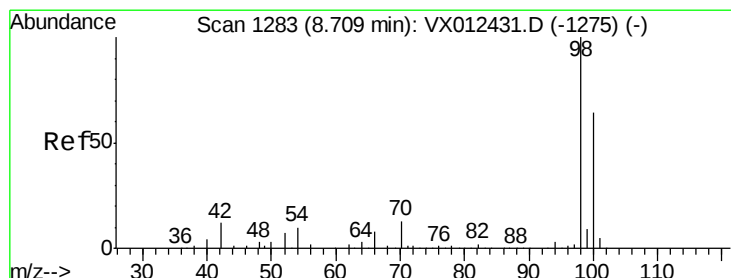
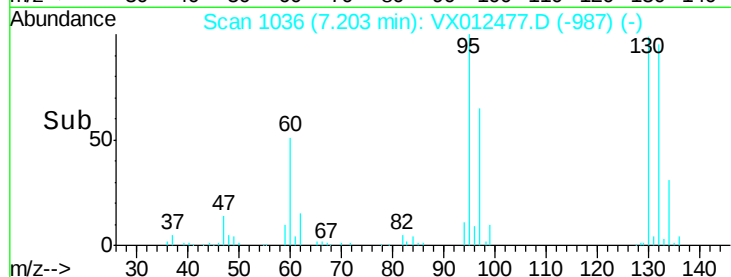
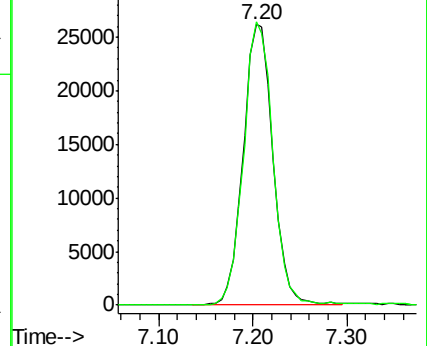
130 100

95 100.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.250 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012477.D

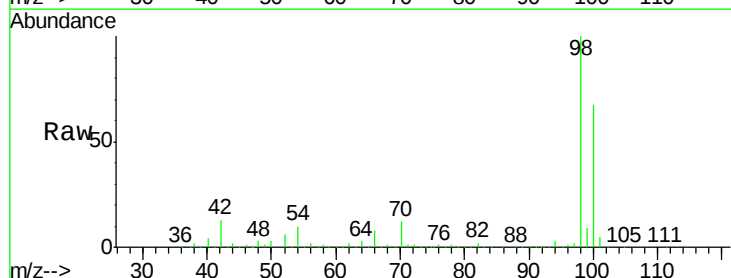
Acq: 18 Sep 2019 16:34

Tgt Ion: 98 Resp: 326040

Ion Ratio Lower Upper

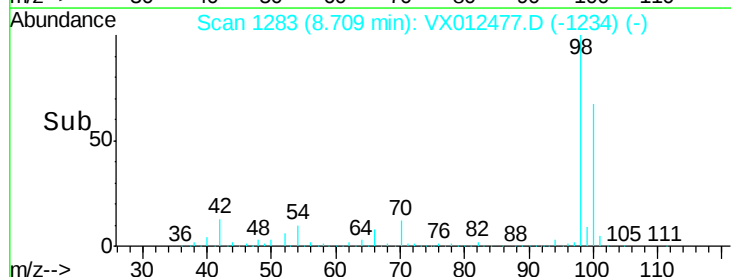
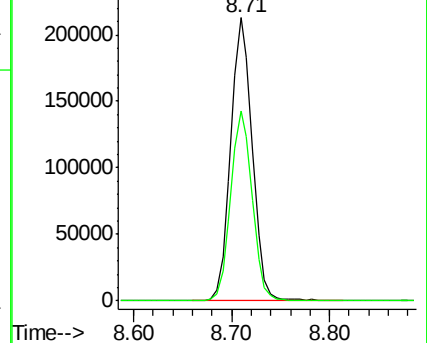
98 100

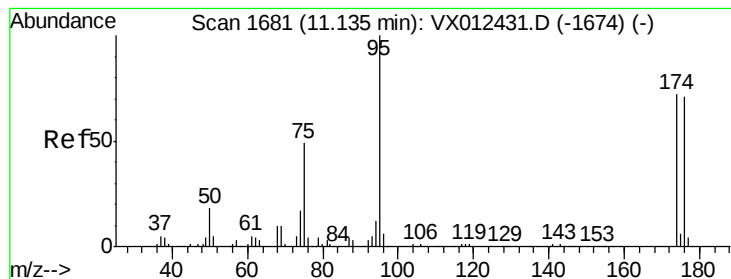
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.134 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20190910DL

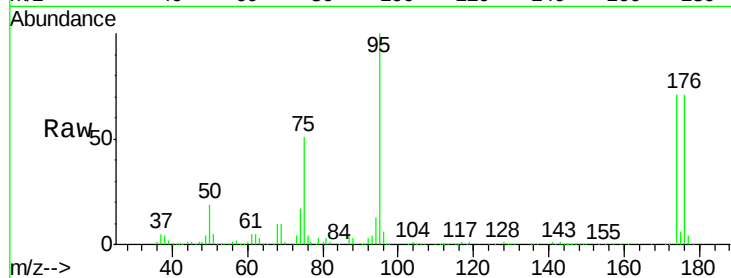
Tot Ion: 95 Resp: 121860

Ion Ratio Lower Upper

95 100

174 70.1 0.0 140.0

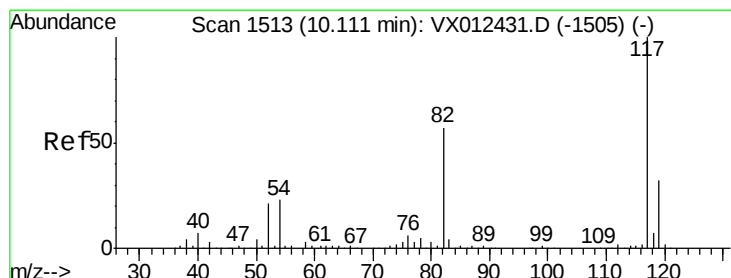
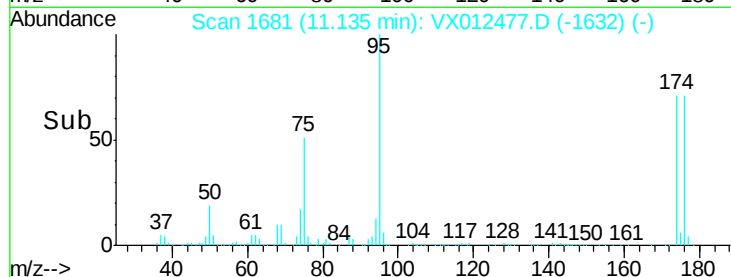
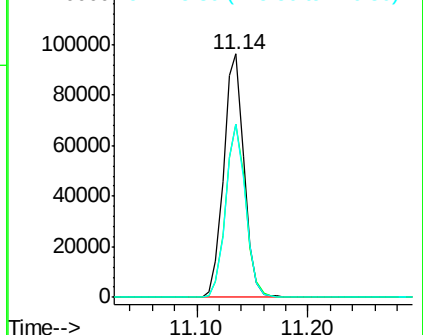
176 69.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012477.D

Acq: 18 Sep 2019 16:34

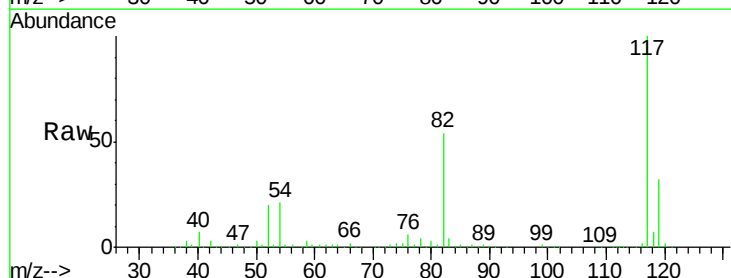
Tgt Ion: 117 Resp: 244250

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

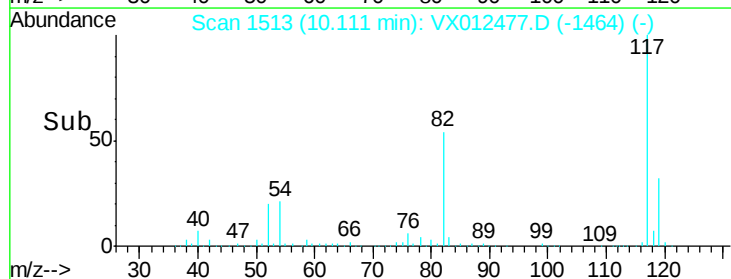
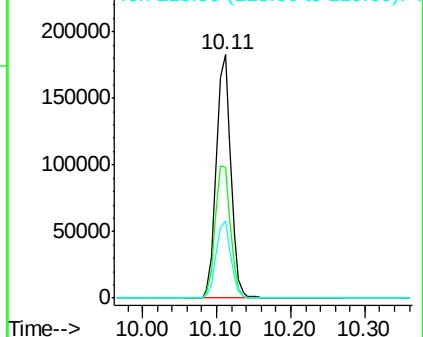
119 31.9 25.3 37.9

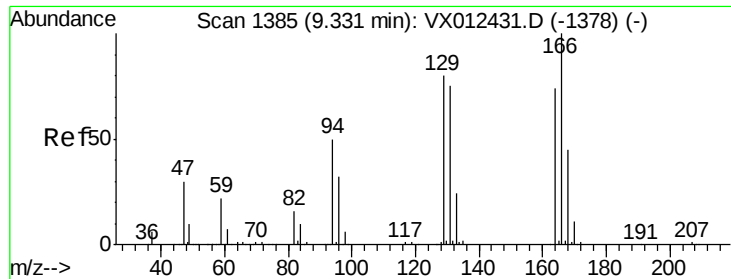


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

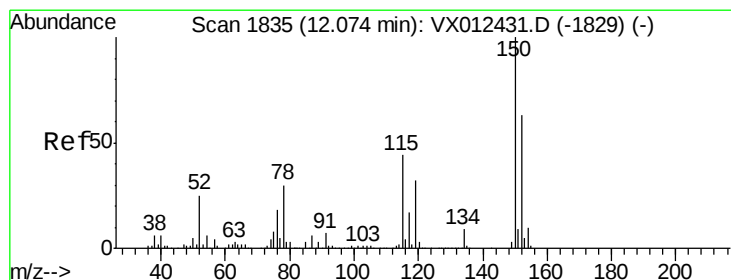
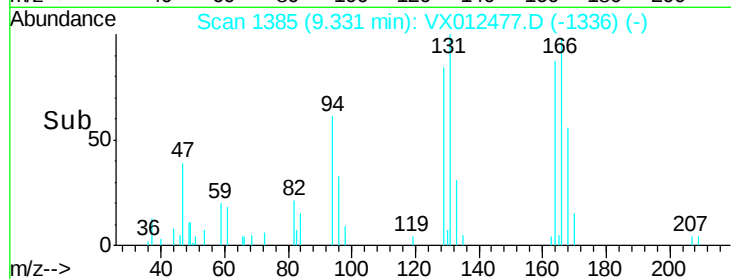
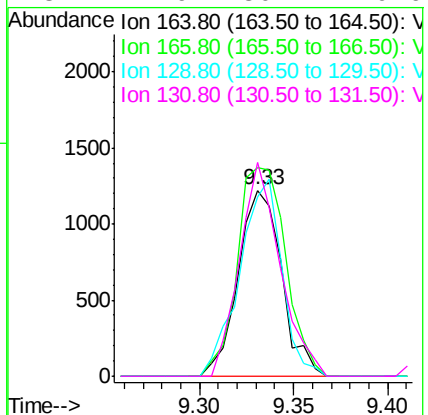
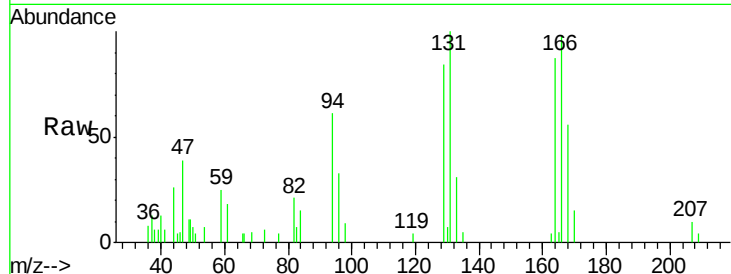




#64
Tetrachloroethene
Concen: 1.744 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012477.D
Acq: 18 Sep 2019 16:34

Instrument :
MSVOA_X
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Tot Ion:164 Resp: 1952
Ion Ratio Lower Upper
164 100
166 112.6 107.8 161.6
129 96.6 86.2 129.2
131 114.9 80.4 120.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012477.D
Acq: 18 Sep 2019 16:34

Tgt Ion:152 Resp: 103596
Ion Ratio Lower Upper
152 100
115 62.8 44.1 132.3
150 156.9 0.0 343.8

