Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013827.D
Acq On : 07 Dec 2019 02:44
Operator : JC/SP
Sample : K6185-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE125D3-20191205

Quant Time: Dec 07 05:48:32 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	605881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	927181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	339023	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
35) Dibromofluoromethane	5.49	113	277777	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
50) Toluene-d8	8.71	98	1103469	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
62) 4-Bromofluorobenzene	11.13	95	364533	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.54%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	306808	53.113	ug/l	98
12) 1,1-Dichloroethene	2.37	96	6327	1.097	ug/l	87
16) Acetone	2.43	43	9932	2.860	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	14685	2.036	ug/l	87
44) Trichloroethene	7.21	130	1330139	189.071	ug/l	98
64) Tetrachloroethene	9.33	164	35868	5.795	ug/l	96

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

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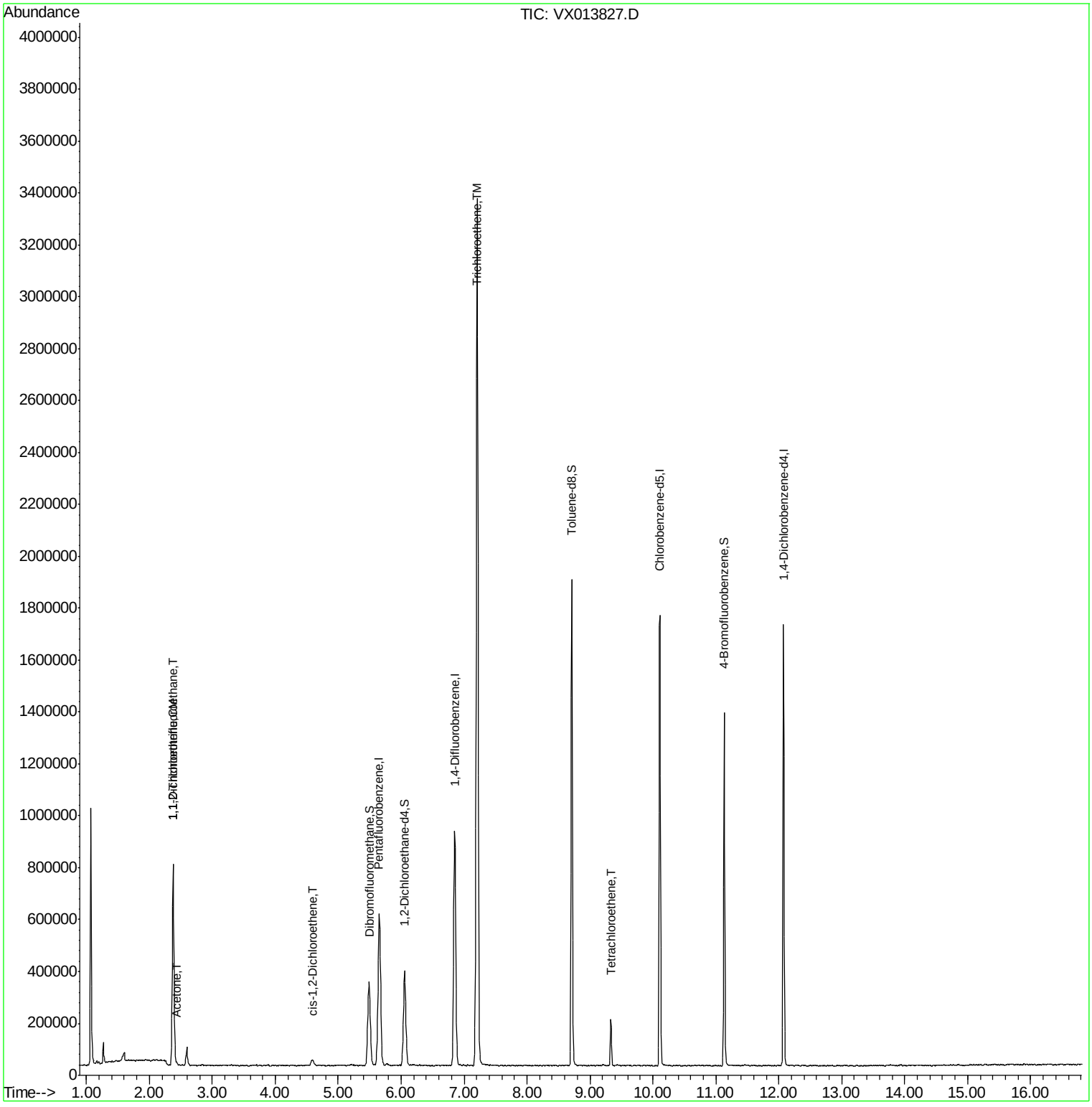
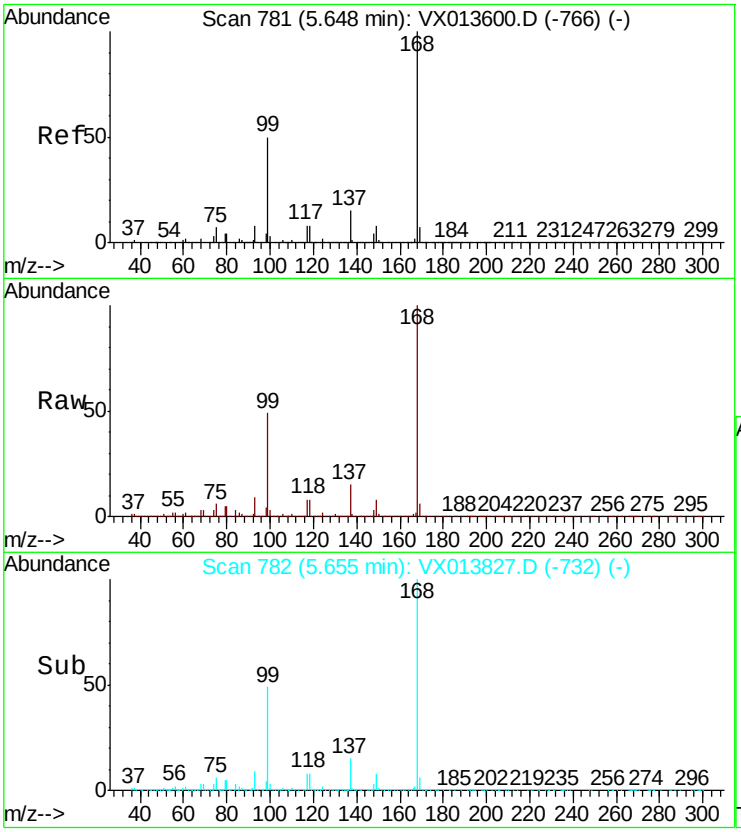


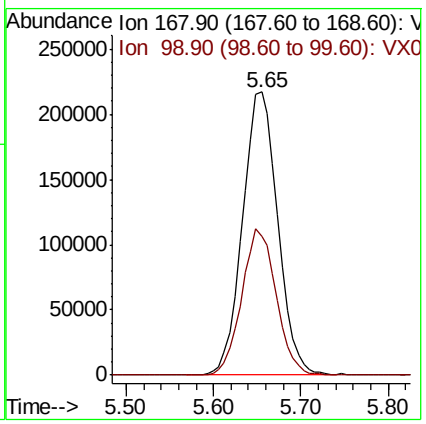


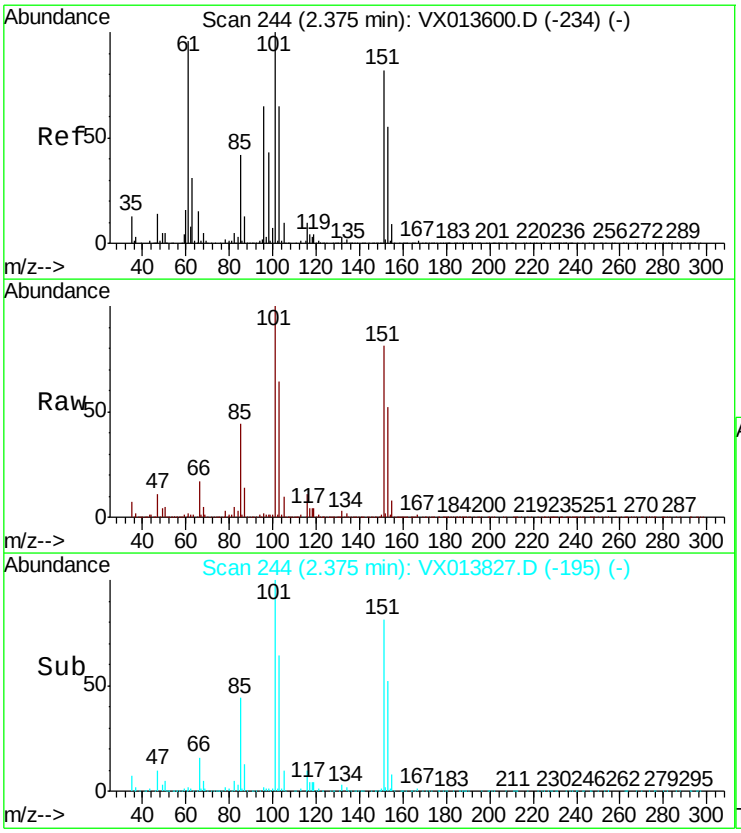
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion:168 Resp: 605881

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.8	59.8

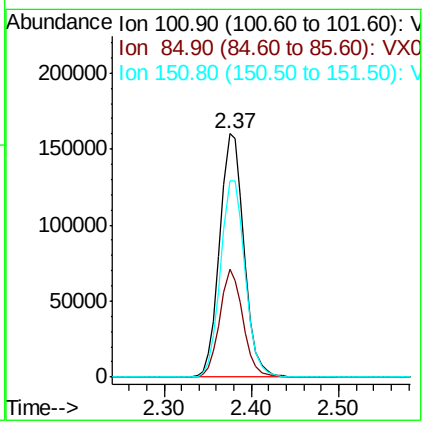


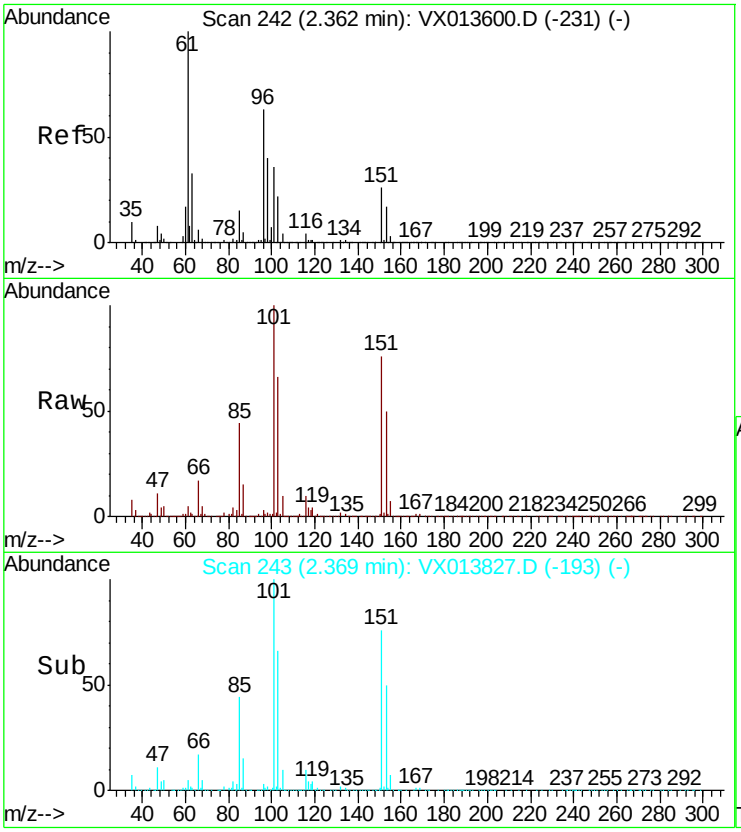


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.113 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion:101 Resp: 306808

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.9	50.9
151	82.6	64.2	96.2



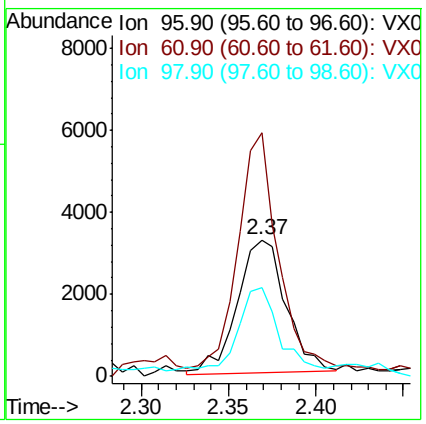


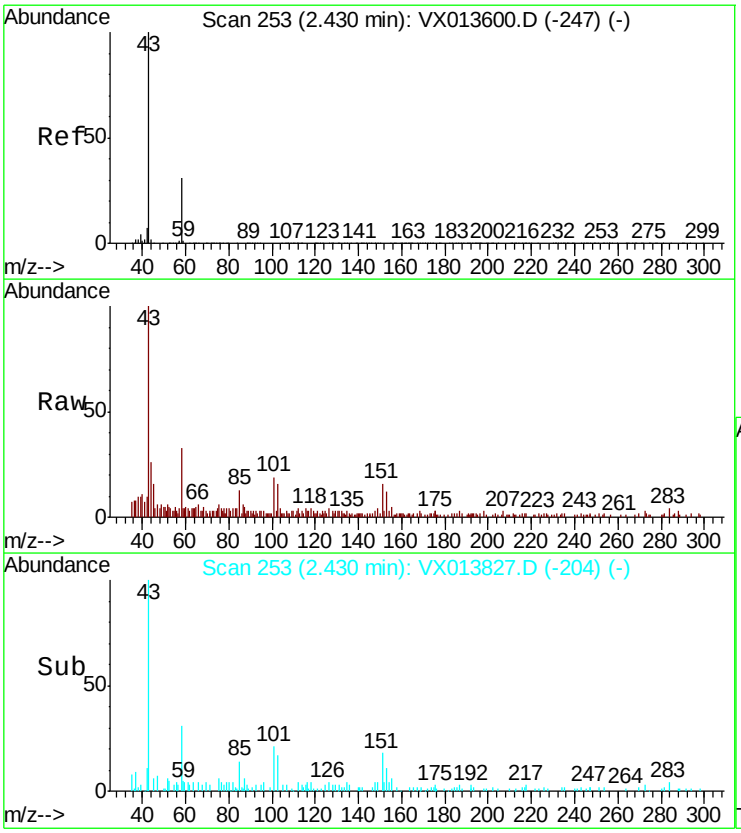
#12
1,1-Dichloroethene
Concen: 1.097 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion: 96 Resp: 6327

Ion	Ratio	Lower	Upper
96	100		
61	179.8	126.6	190.0
98	61.2	50.6	76.0

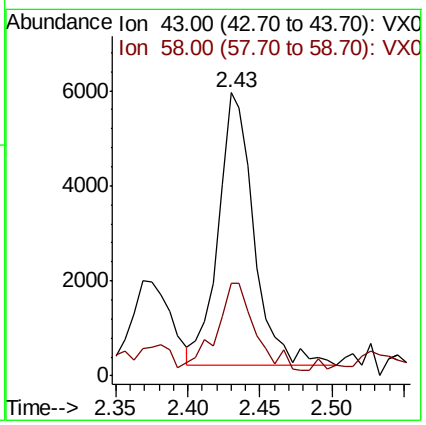


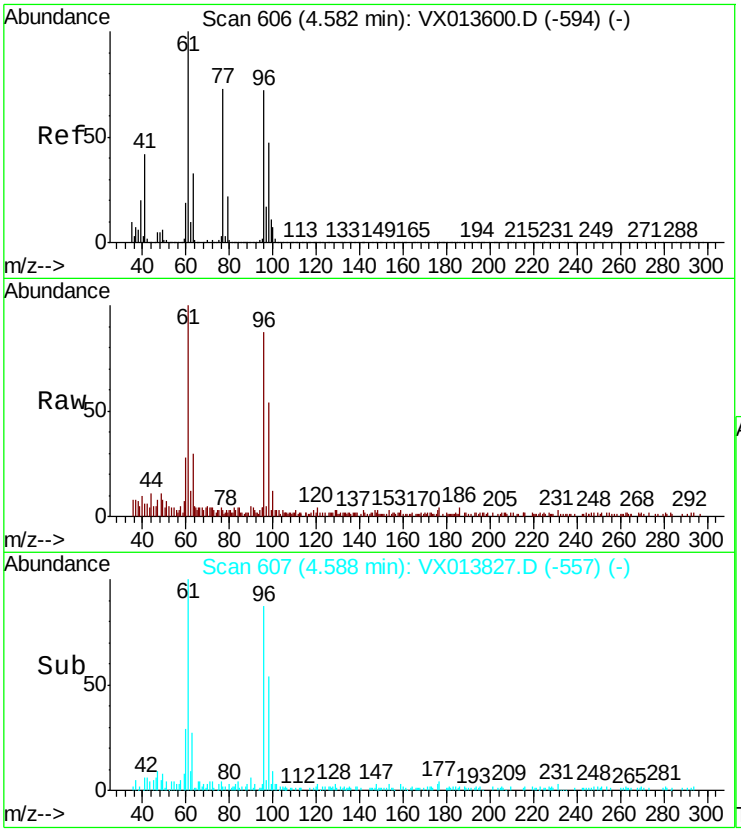


#16
Acetone
Concen: 2.860 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion: 43 Resp: 9932

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.6	36.8



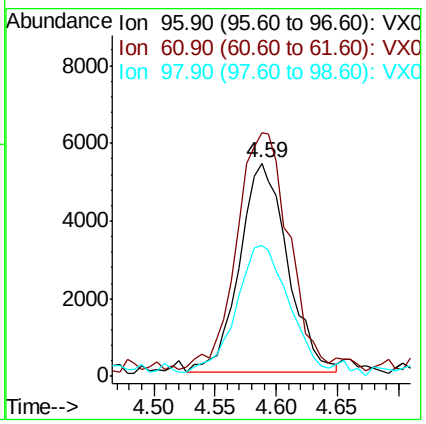


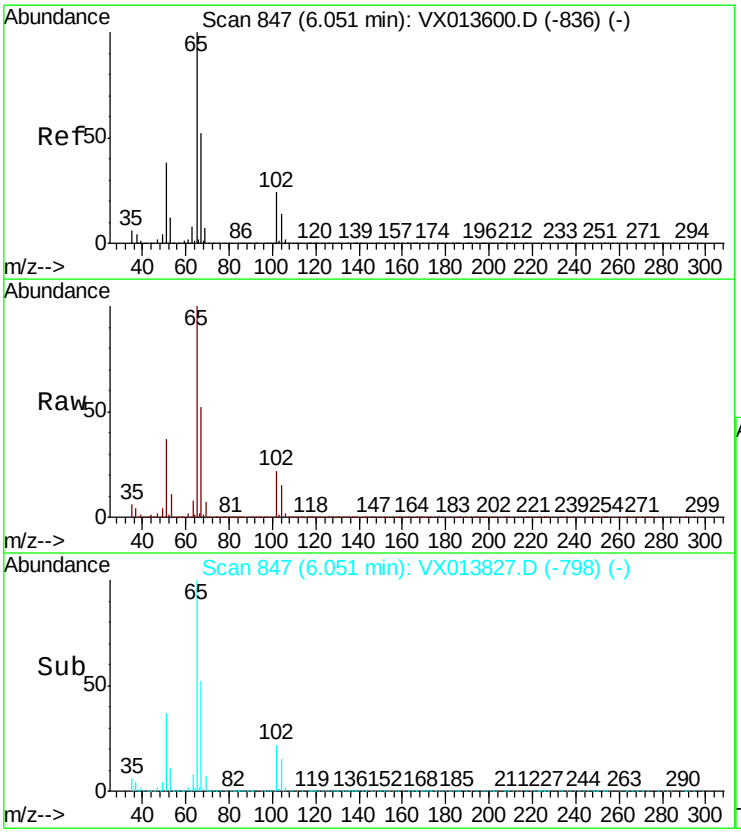
#27
cis-1,2-Dichloroethene
Concen: 2.036 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion: 96 Resp: 14685

Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	286.4
98	67.3	0.0	127.4

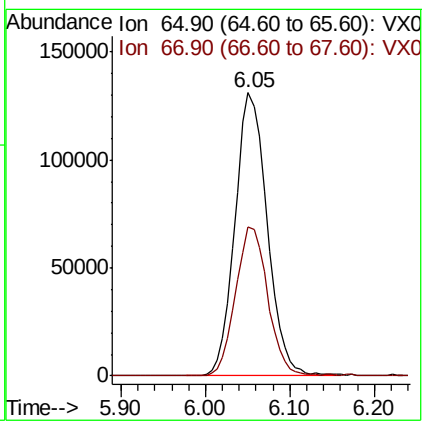


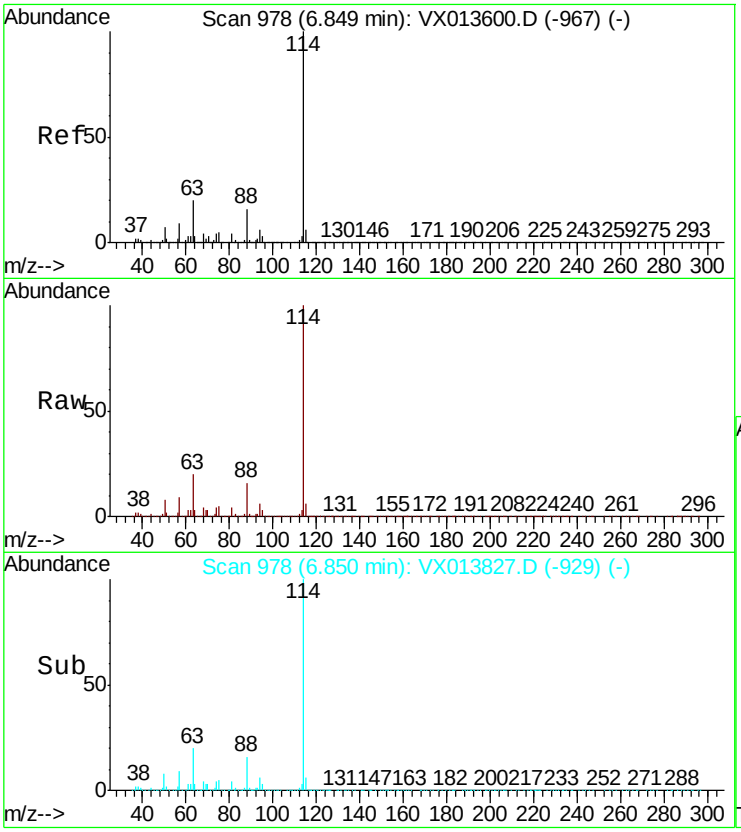


#33
1,2-Dichloroethane-d4
Concen: 48.205 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion: 65 Resp: 339023

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4



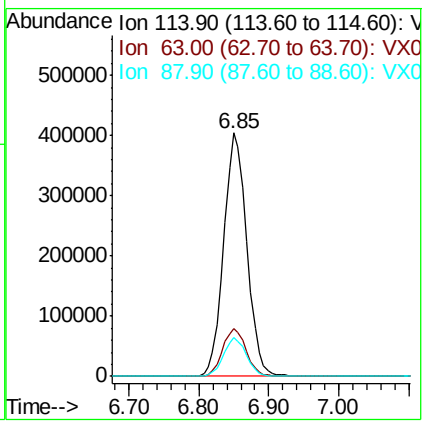


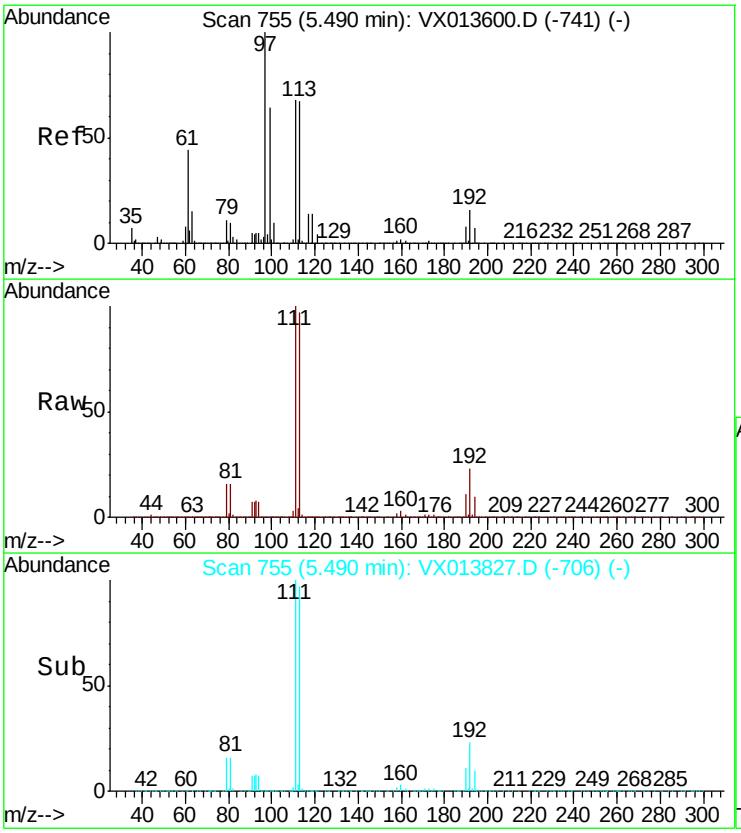
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion:114 Resp: 927181

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	15.8	0.0	31.4

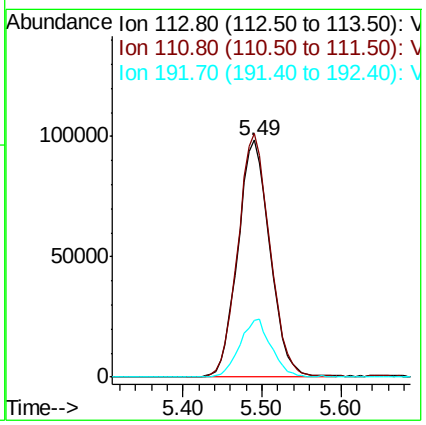


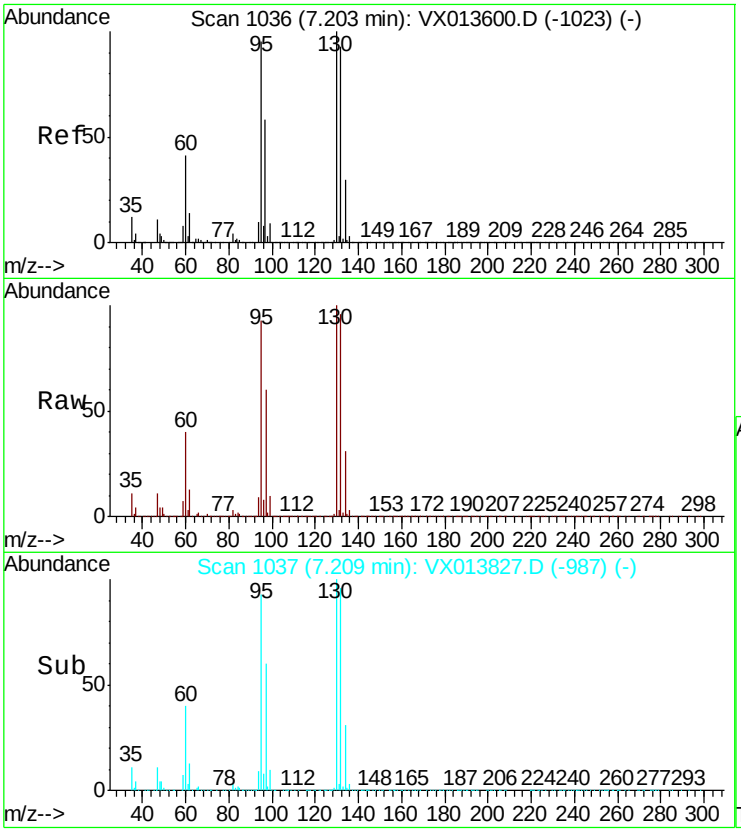


#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion:113 Resp: 277777

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.6	125.4
192	24.1	19.2	28.8



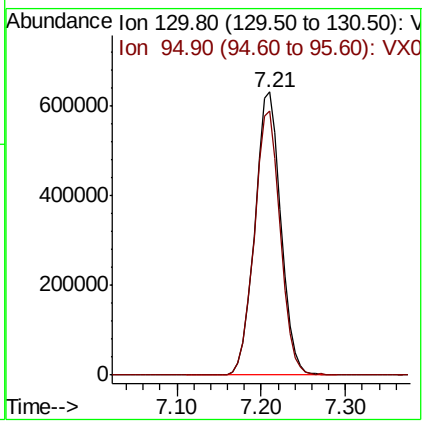


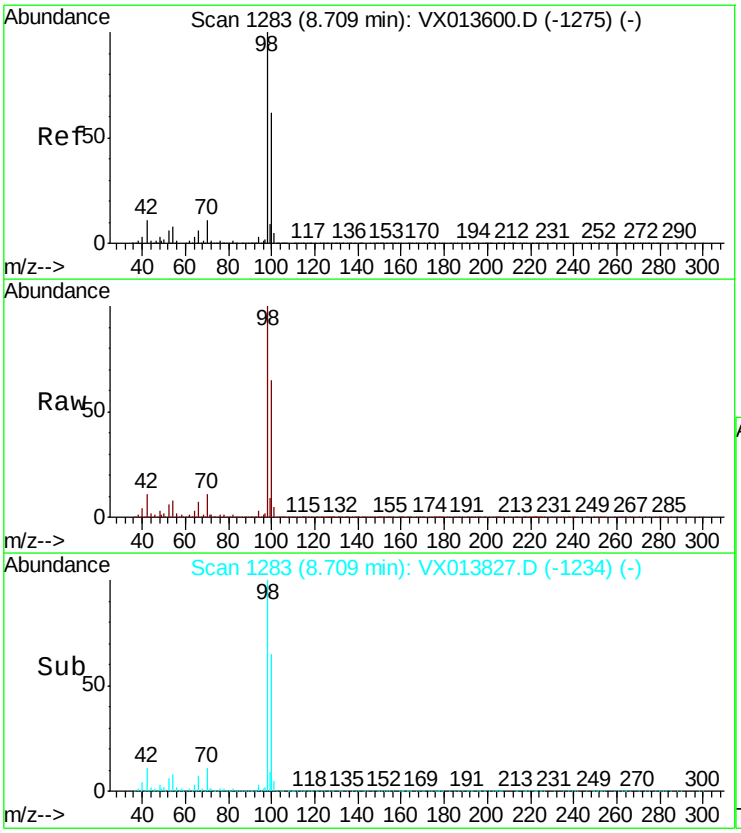
#44
Trichloroethene
Concen: 189.071 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion:130 Resp: 1330139

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	190.8

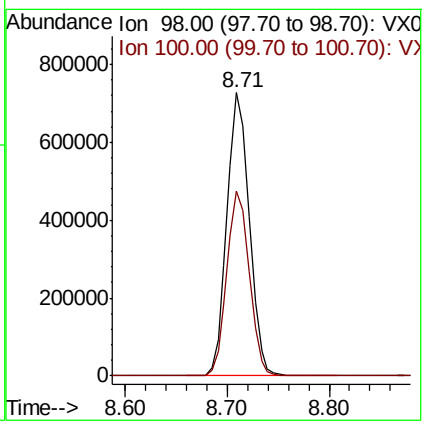


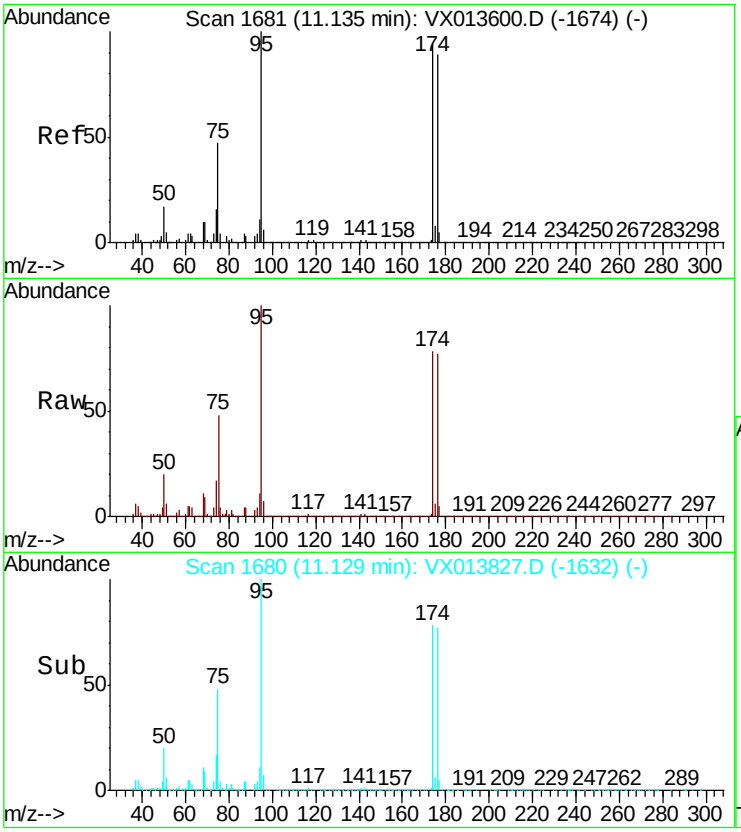


#50
Toluene-d8
Concen: 49.411 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion: 98 Resp: 1103469

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7



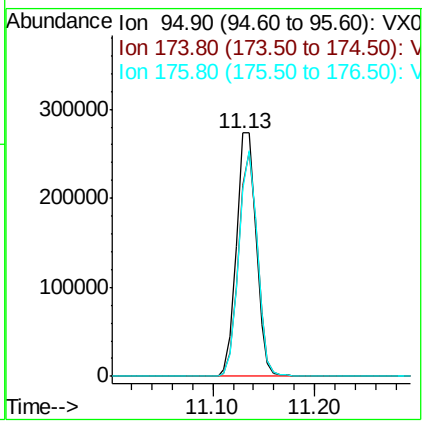


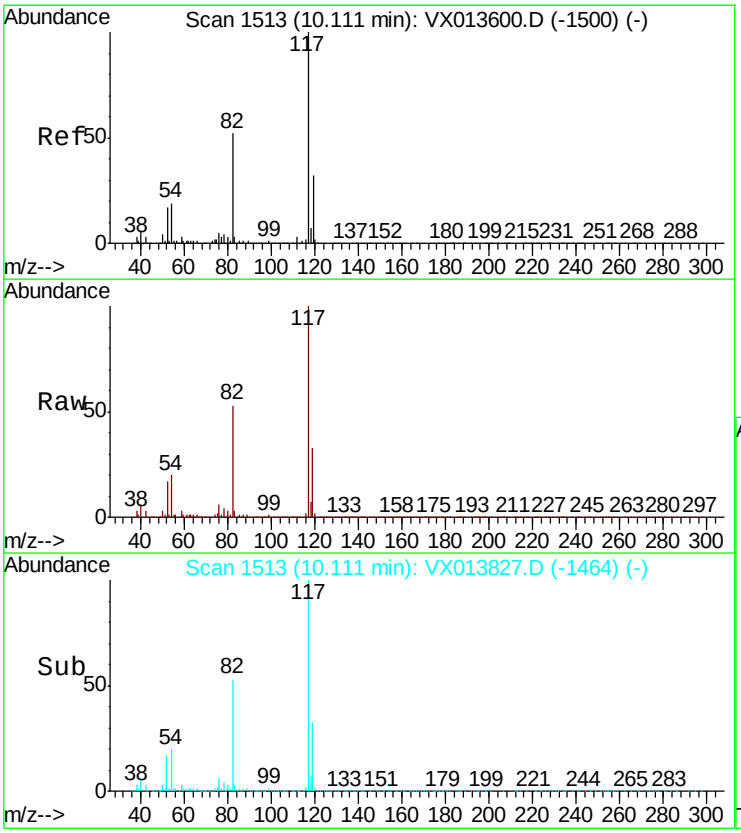
#62
4-Bromofluorobenzene
Concen: 45.266 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion: 95 Resp: 364533

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	180.0
176	87.4	0.0	173.6

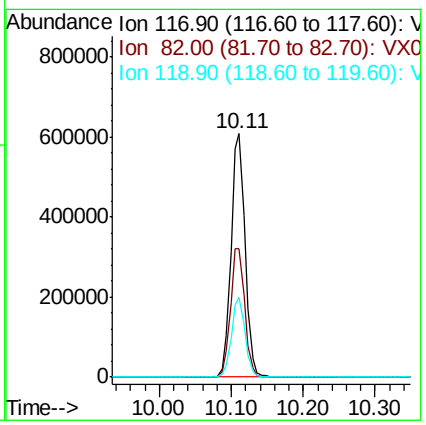


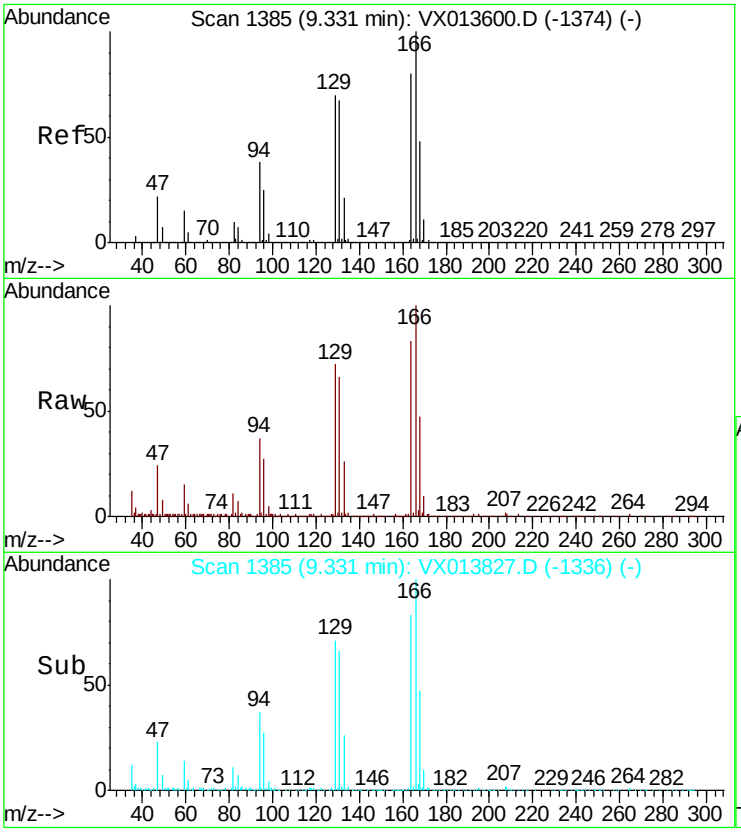


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion:117 Resp: 830012

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.7	25.8	38.8



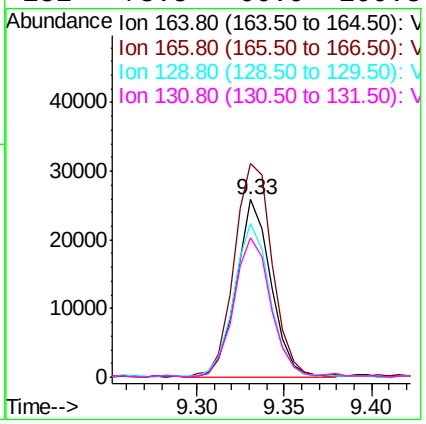


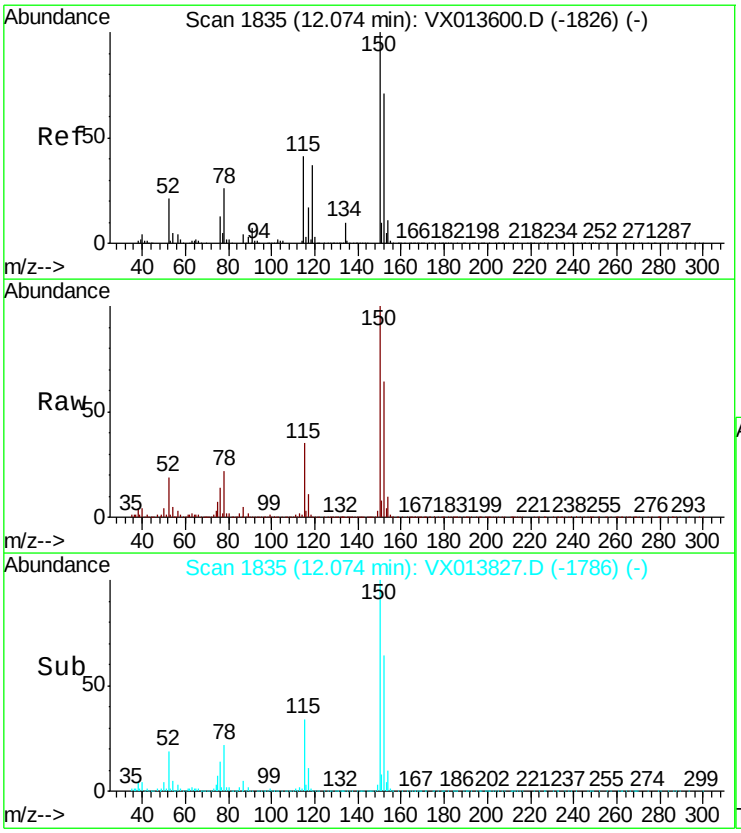
#64
Tetrachloroethene
Concen: 5.795 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

Tgt Ion:164 Resp: 35868

Ion	Ratio	Lower	Upper
164	100		
166	120.3	99.7	149.5
129	85.9	70.1	105.1
131	78.5	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: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion:152 Resp: 361402

Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	155.0	0.0	346.8