Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121619\
Data File : VX014033.D
Acq On : 16 Dec 2019 14:27
Operator : JC/SP
Sample : K6252-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE120D3-20191210

Quant Time: Dec 17 04:09:17 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	585693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	907672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	799175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	327400	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
35) Dibromofluoromethane	5.49	113	269564	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.70%			
50) Toluene-d8	8.71	98	1065985	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
62) 4-Bromofluorobenzene	11.14	95	352155	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.70%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22928	4.141	ug/l	99
12) 1,1-Dichloroethene	2.37	96	5855	1.039	ug/l #	83
16) Acetone	2.43	43	8376	1.944	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	4992	0.711	ug/l	89
44) Trichloroethene	7.20	130	1048424	148.125	ug/l	99
64) Tetrachloroethene	9.34	164	5602	0.792	ug/l #	78

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

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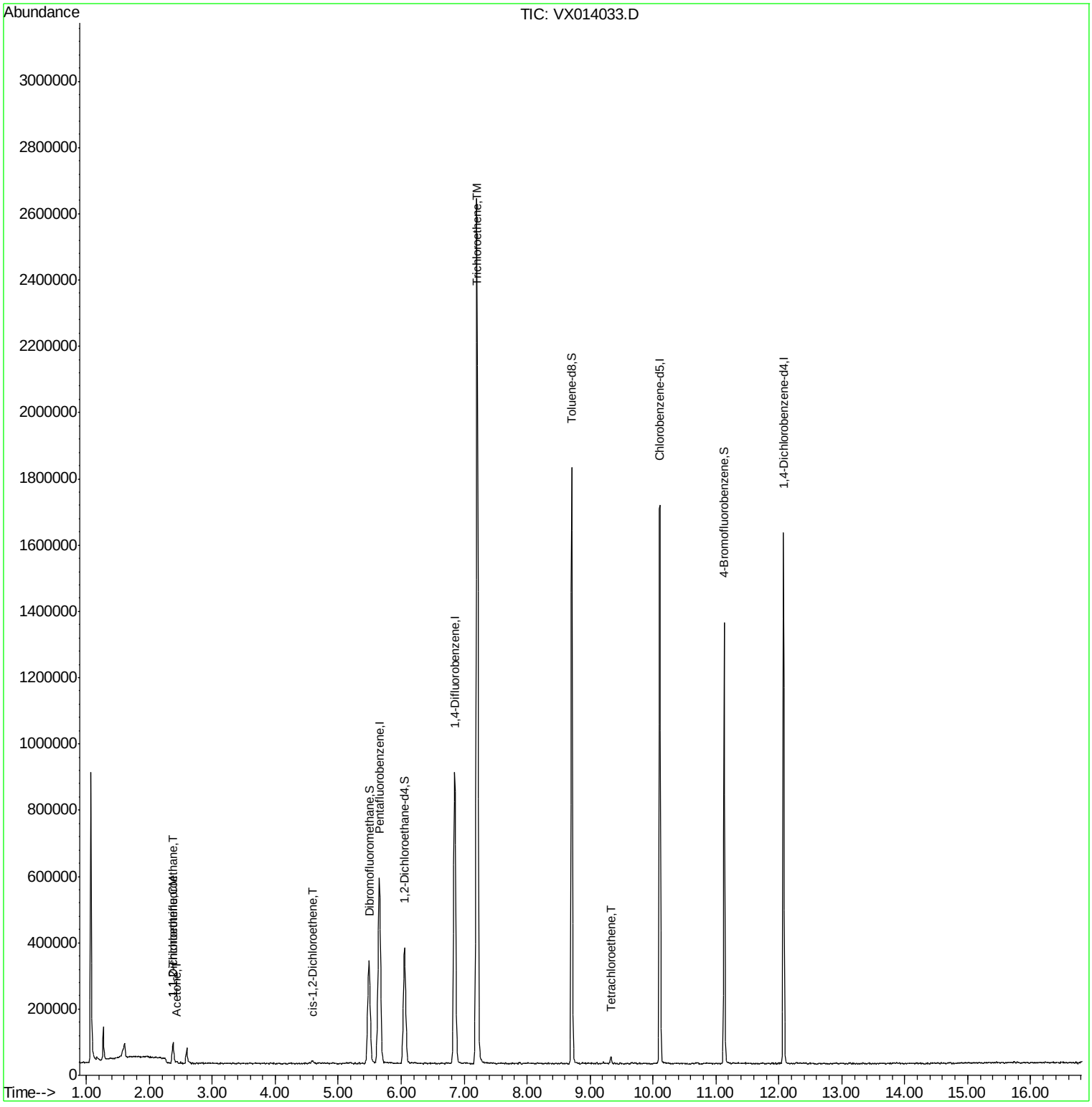
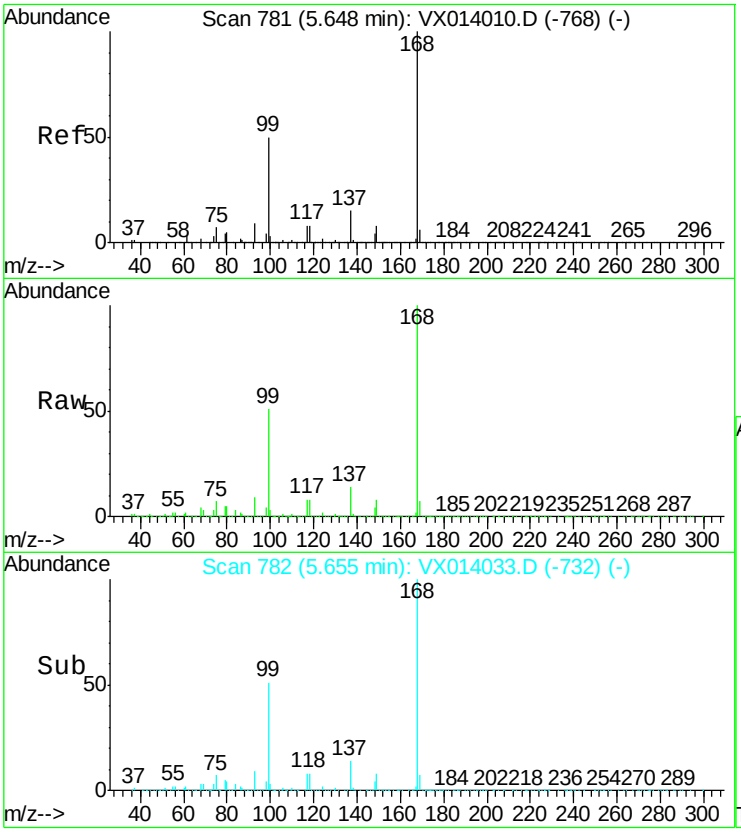


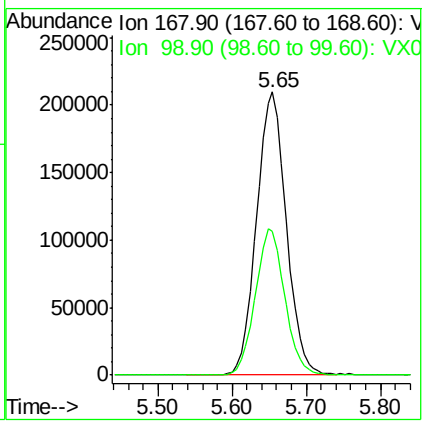


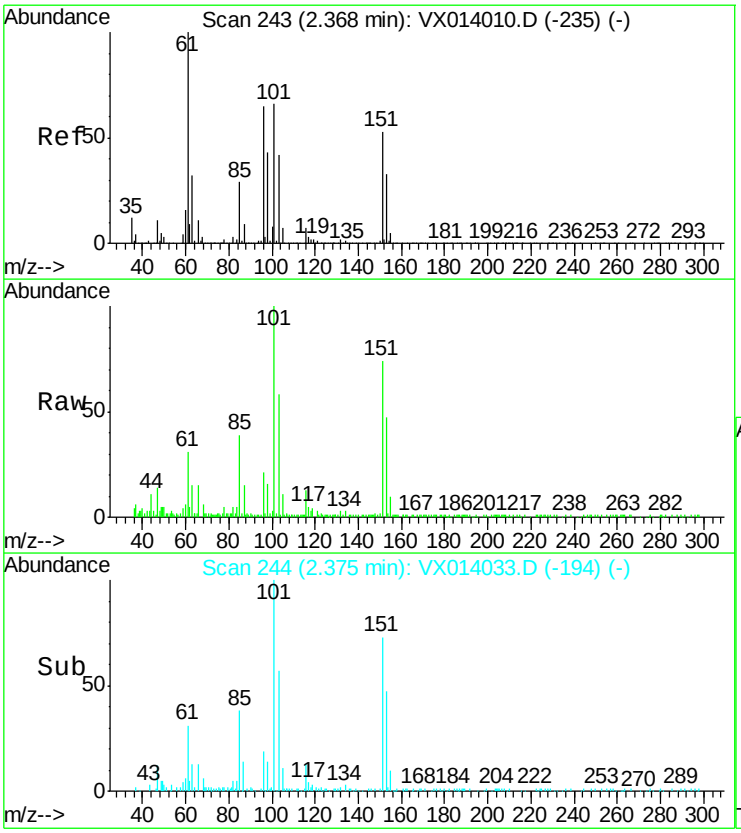
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion:168 Resp: 585693

Ion	Ratio	Lower	Upper
168	100		
99	50.7	40.3	60.5

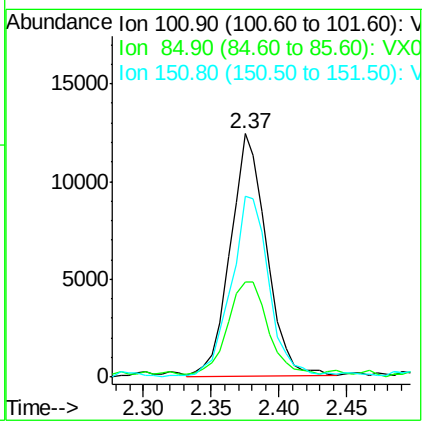


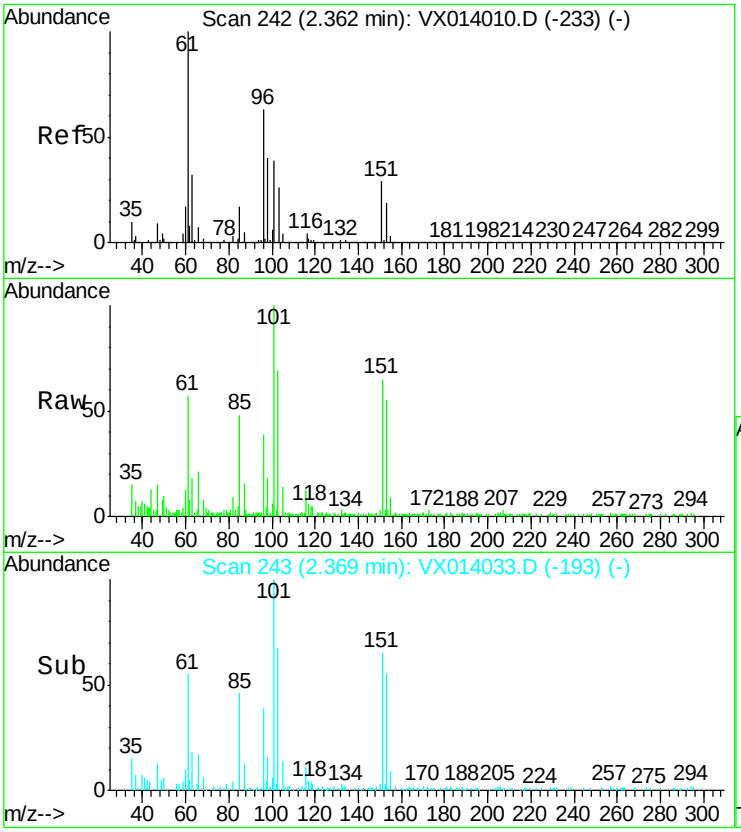


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.141 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion:101 Resp: 22928

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.7	50.5
151	79.3	64.5	96.7



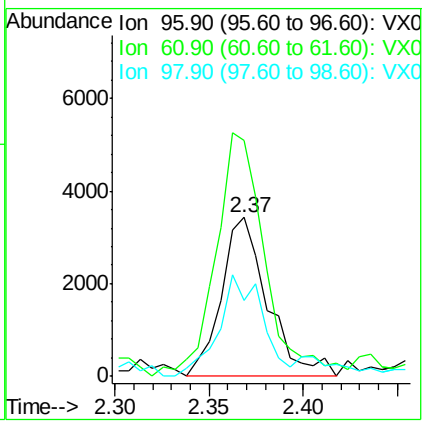


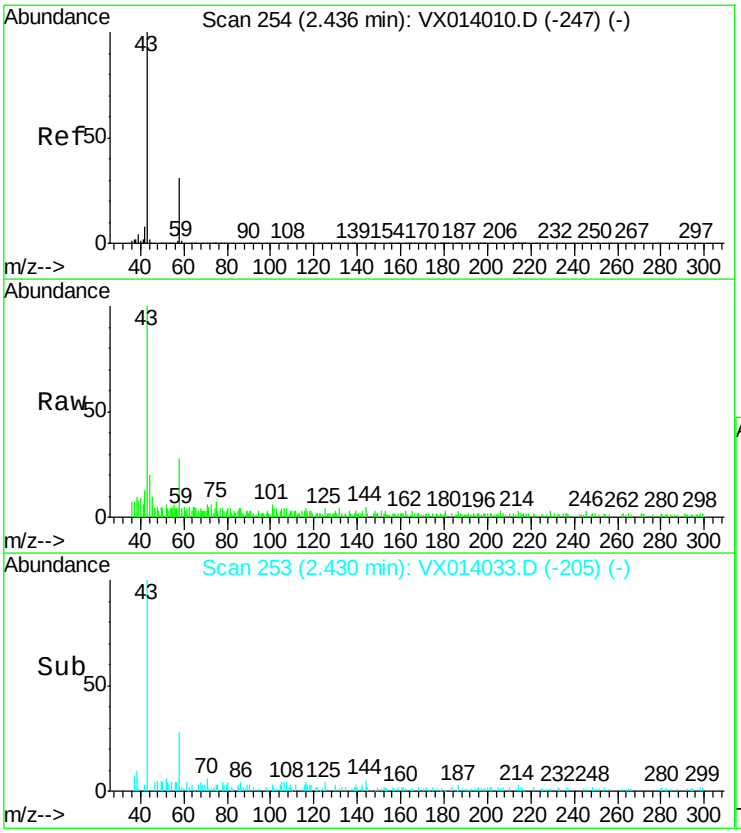
#12
1,1-Dichloroethene
Concen: 1.039 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion: 96 Resp: 5855

Ion	Ratio	Lower	Upper
96	100		
61	142.7	127.9	191.9
98	43.2	50.5	75.7#

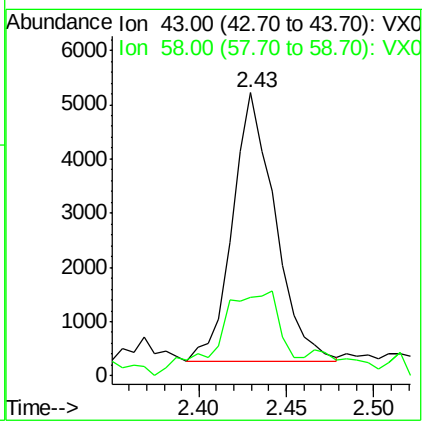


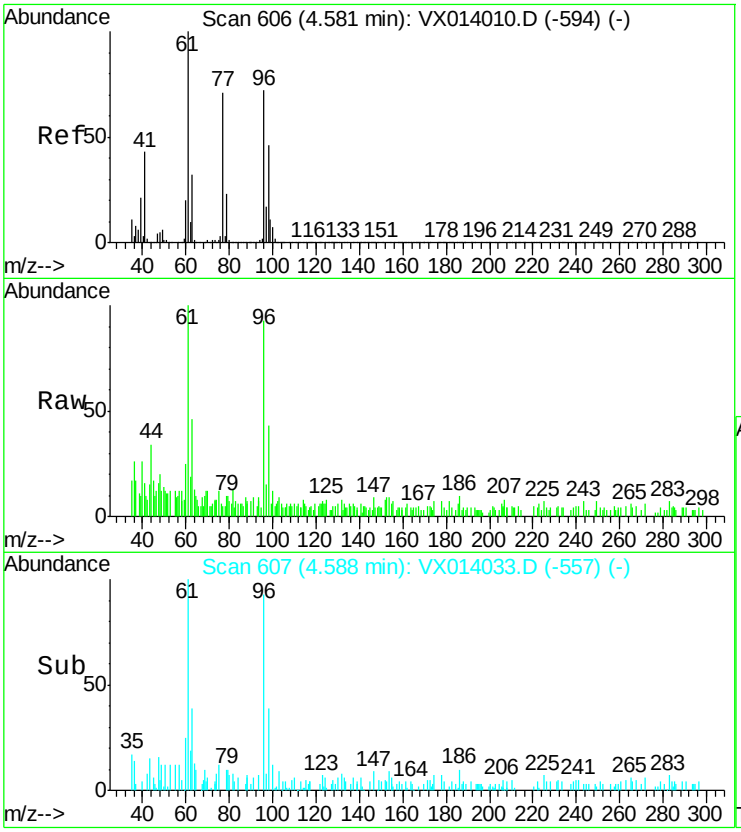


#16
Acetone
Concen: 1.944 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion: 43 Resp: 8376

Ion	Ratio	Lower	Upper
43	100		
58	23.6	24.9	37.3#



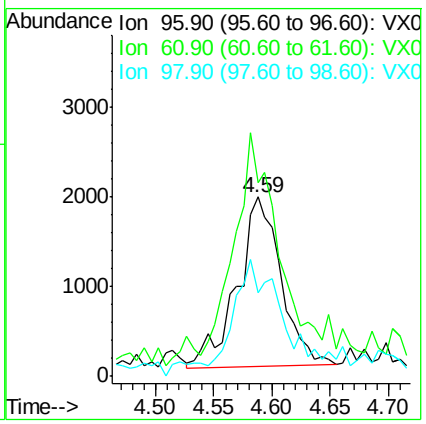


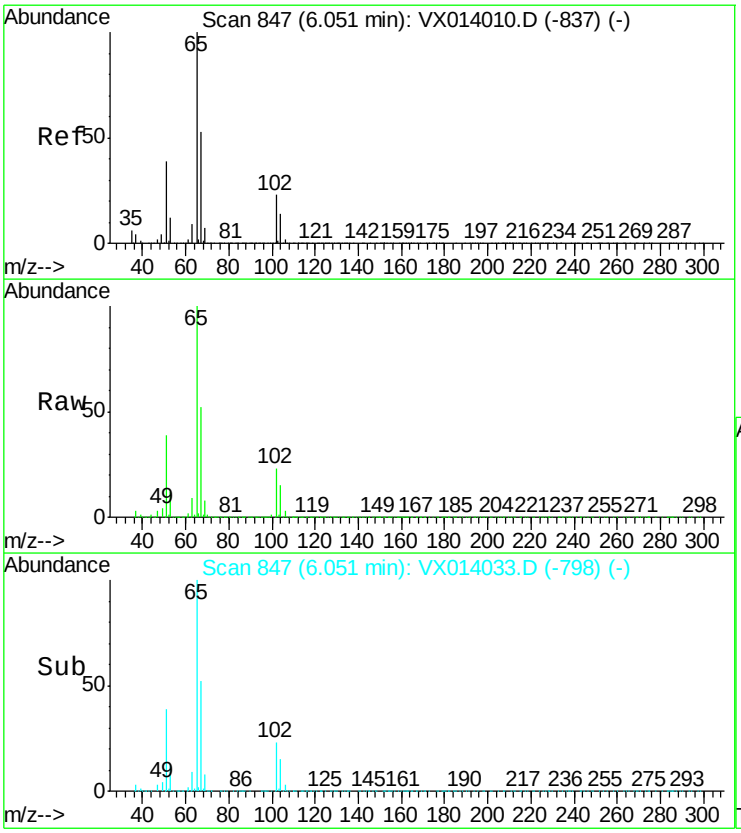
#27
cis-1,2-Dichloroethene
Concen: 0.711 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion: 96 Resp: 4992

Ion	Ratio	Lower	Upper
96	100		
61	127.9	0.0	288.4
98	60.4	0.0	129.6

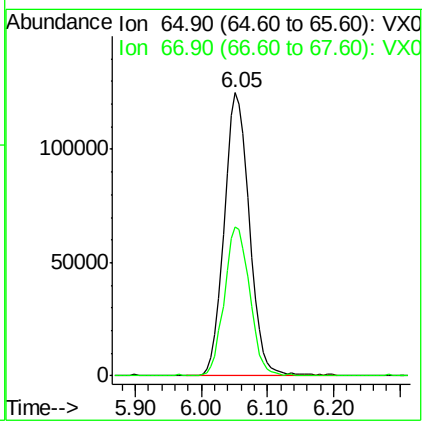


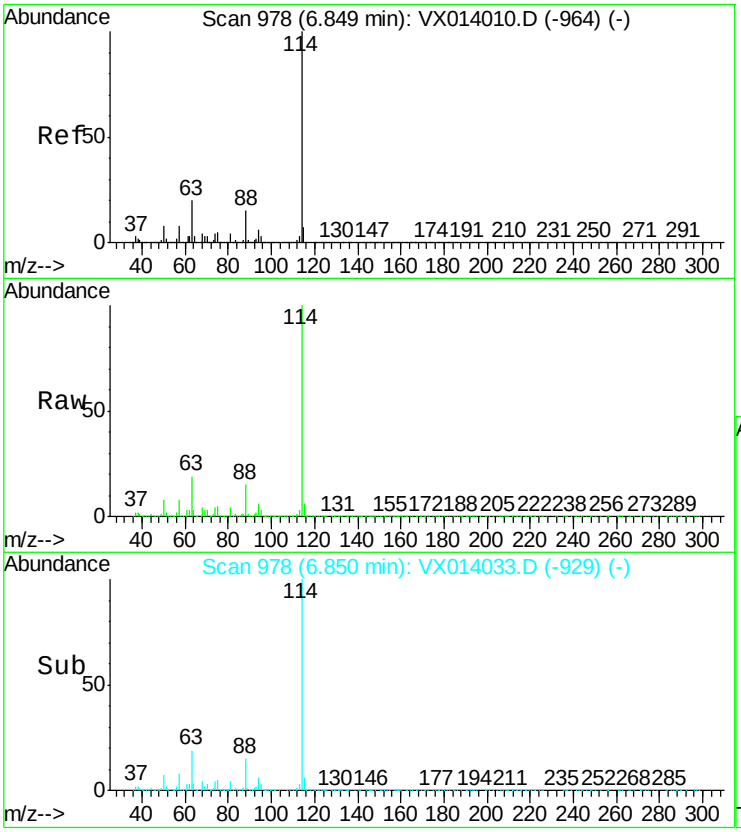


#33
1,2-Dichloroethane-d4
Concen: 49.322 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion: 65 Resp: 327400

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4



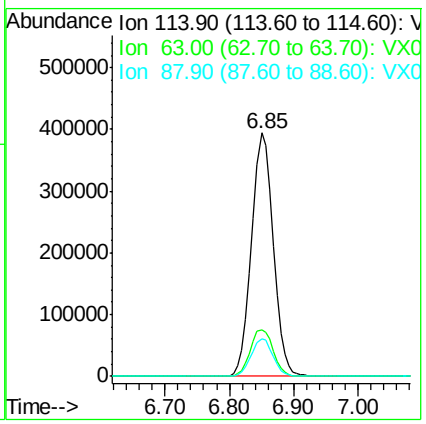


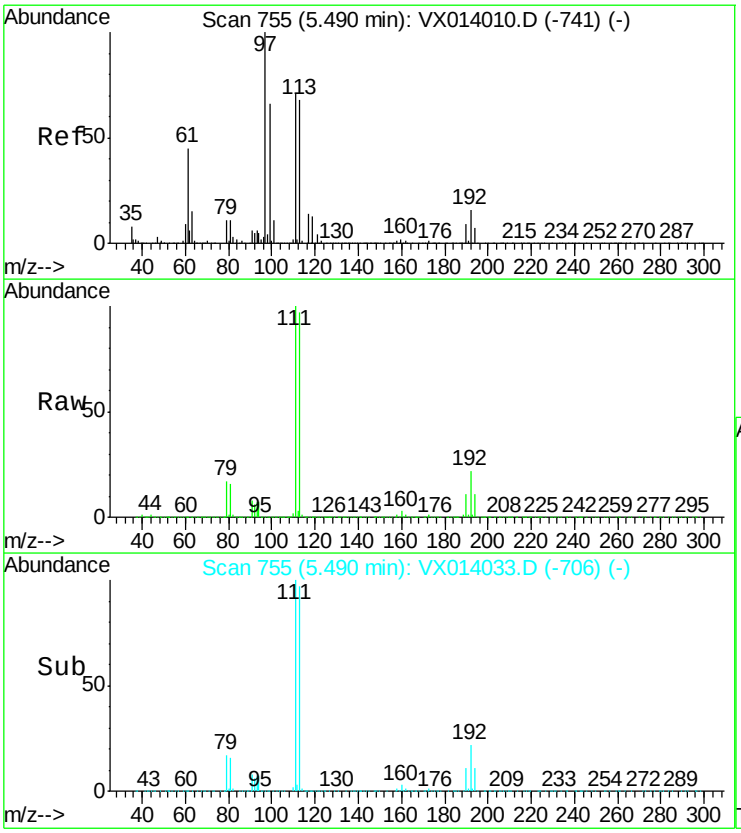
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion:114 Resp: 907672

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.8
88	15.3	0.0	30.4

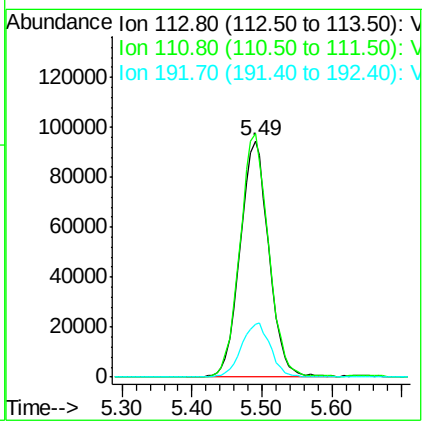


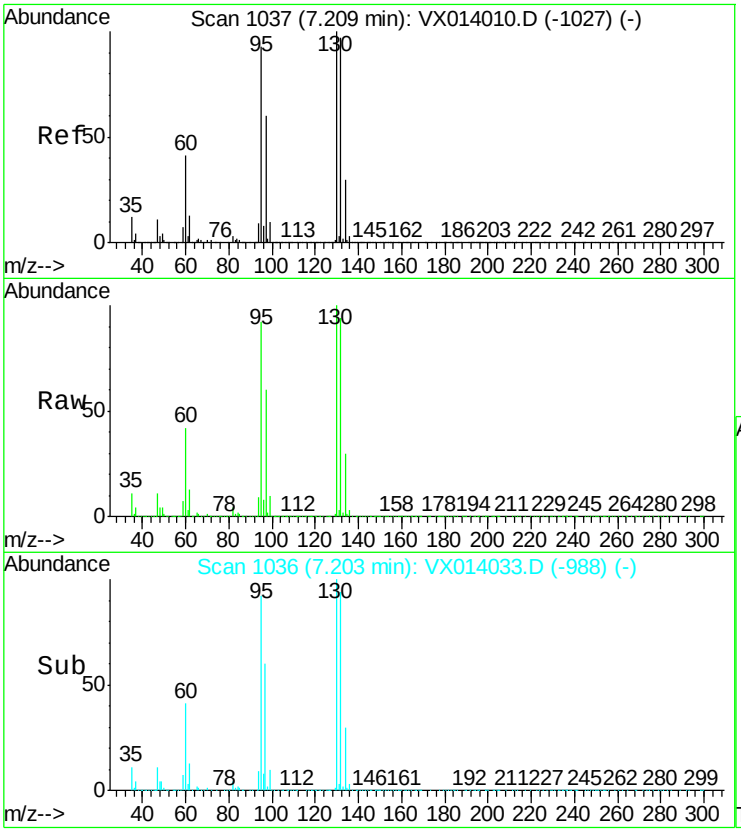


#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion:113 Resp: 269564

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.2	19.3	28.9



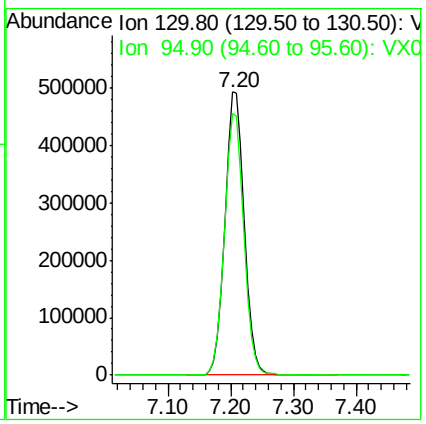


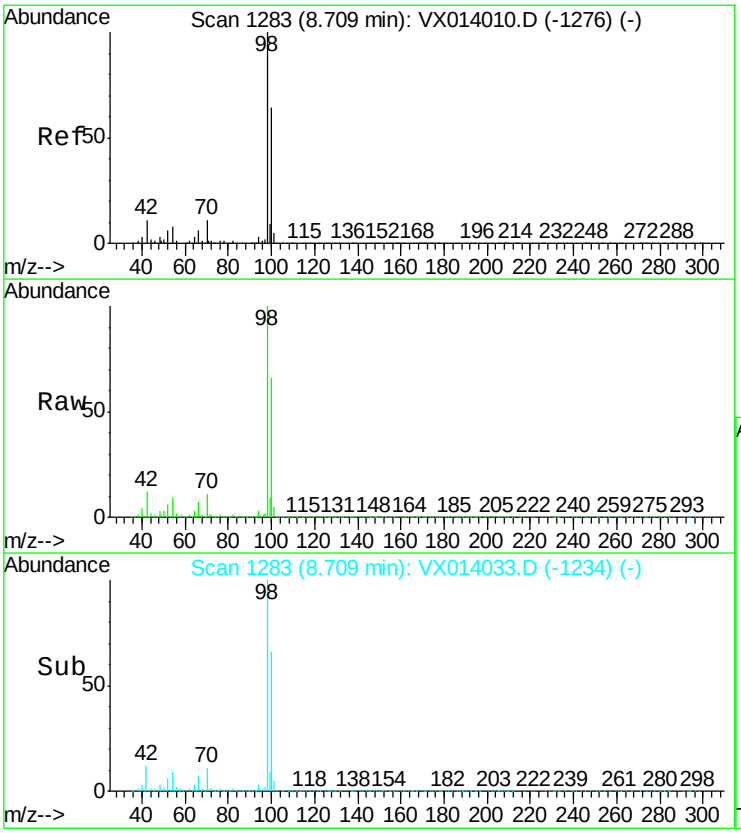
#44
Trichloroethene
Concen: 148.125 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion:130 Resp: 1048424

Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.6

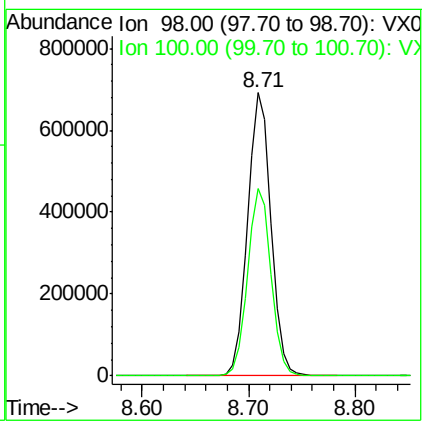


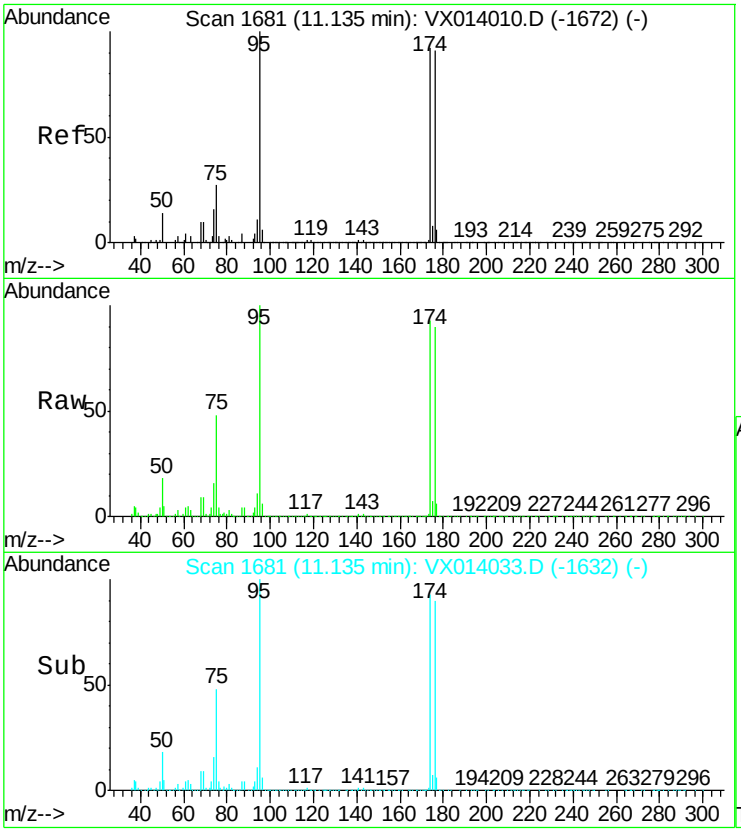


#50
Toluene-d8
Concen: 49.623 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion: 98 Resp: 1065985

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3



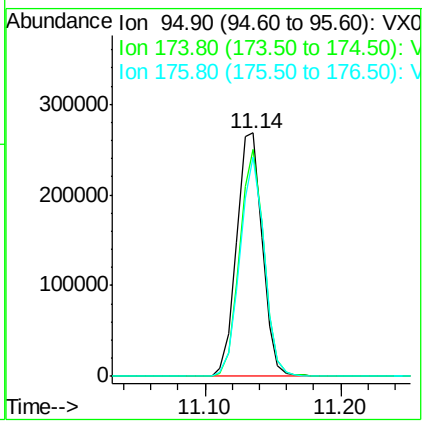


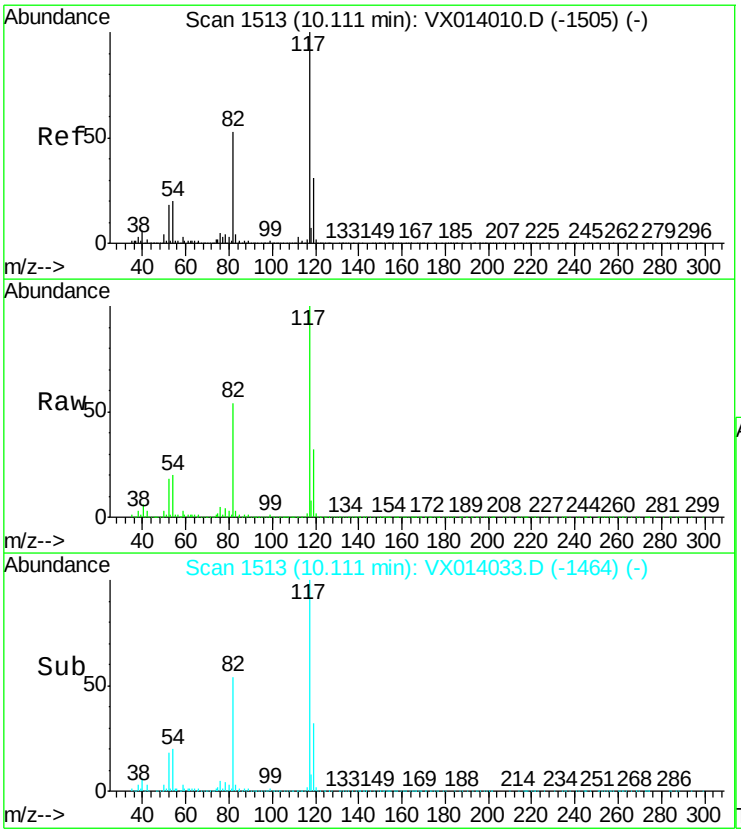
#62
4-Bromofluorobenzene
Concen: 44.846 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion: 95 Resp: 352155

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	175.8
176	85.8	0.0	173.0

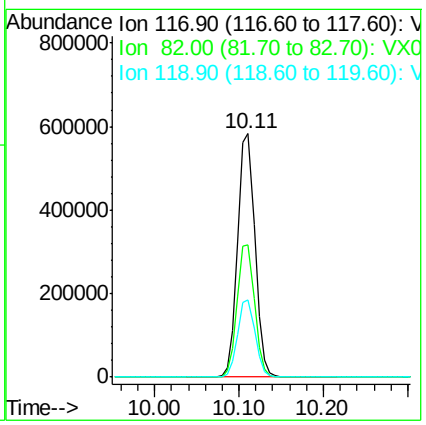


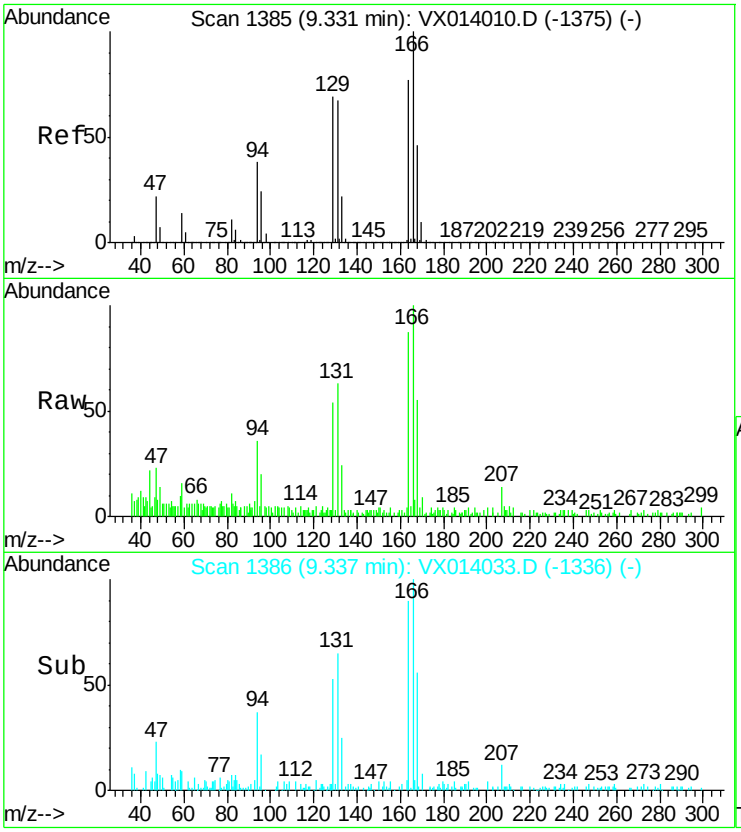


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion:117 Resp: 799175

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	31.5	25.1	37.7



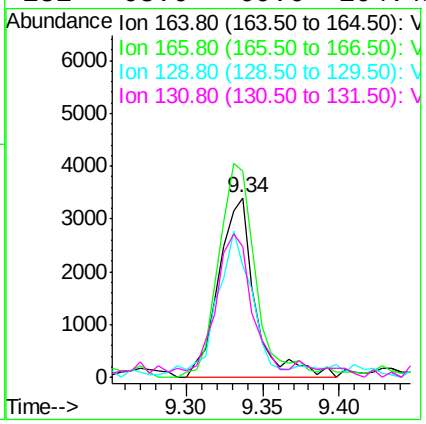


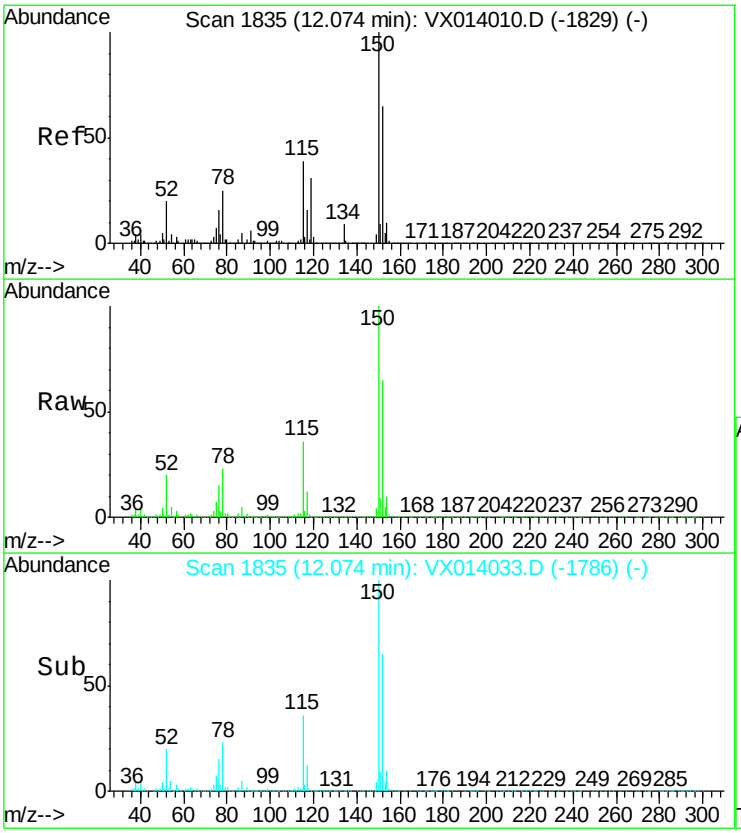
#64
Tetrachloroethene
Concen: 0.792 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20191210

Tgt Ion:164 Resp: 5602

Ion	Ratio	Lower	Upper
164	100		
166	111.7	104.0	156.0
129	57.8	72.2	108.4#
131	68.6	69.6	104.4#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014033.D
Acq: 16 Dec 2019 14:27

Tgt Ion:152 Resp: 345032

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.3	114.9
150	154.6	0.0	345.4