Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013793.D
Acq On : 06 Dec 2019 12:46
Operator : JC/SP
Sample : K6184-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE134D4-20191202

Quant Time: Dec 07 03:43:44 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	652556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	994165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	883684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	392809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	358447	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.64%			
35) Dibromofluoromethane	5.49	113	294389	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
50) Toluene-d8	8.71	98	1168793	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.62%			
62) 4-Bromofluorobenzene	11.14	95	387879	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.84%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1004029	161.379	ug/l	99
12) 1,1-Dichloroethene	2.37	96	6115	0.985	ug/l #	73
16) Acetone	2.44	43	10824	2.894	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	6038	0.777	ug/l	96
44) Trichloroethene	7.21	130	126254	16.737	ug/l	97
64) Tetrachloroethene	9.33	164	53142	8.064	ug/l	93

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

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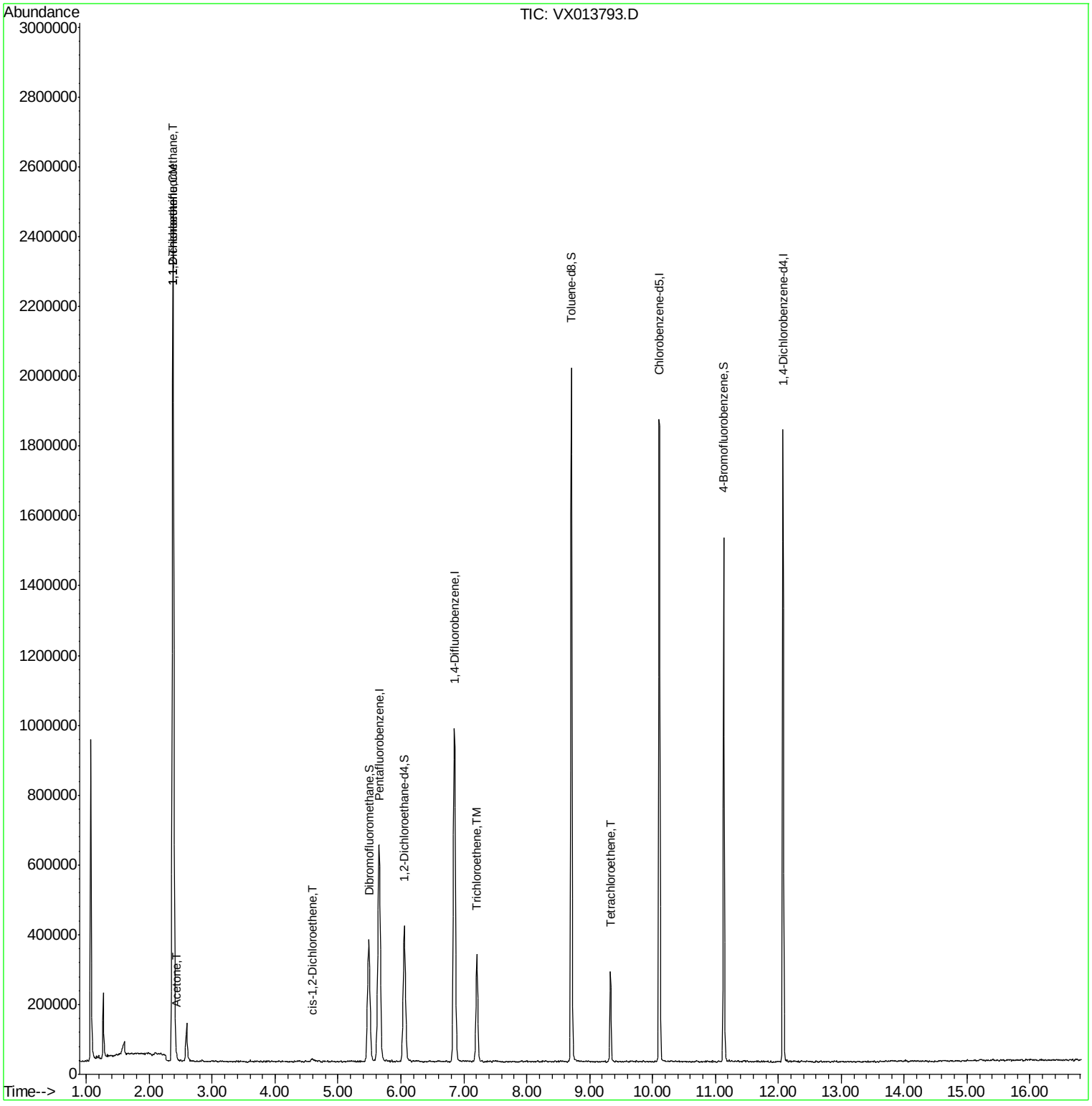
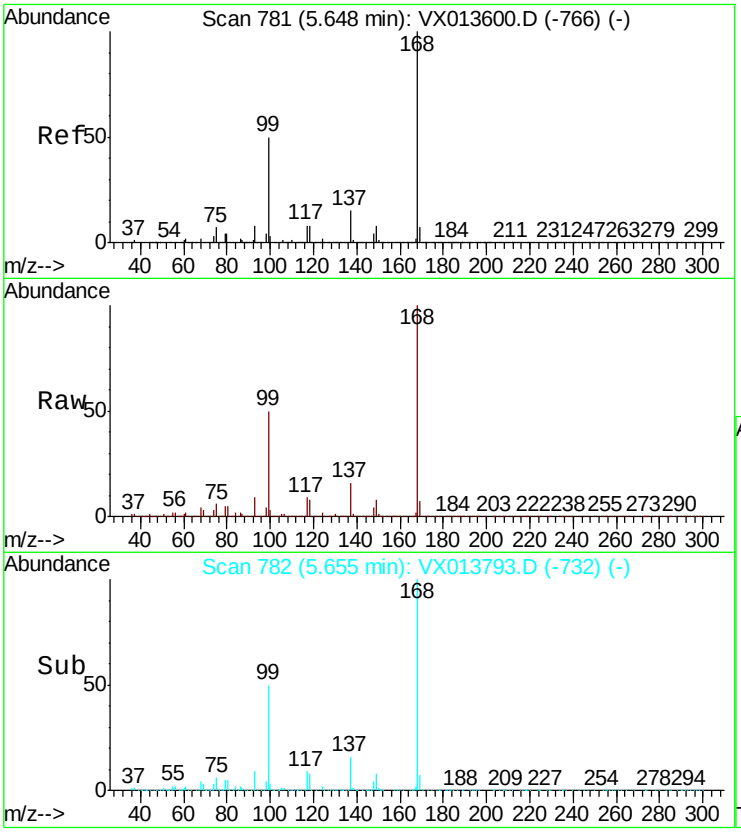


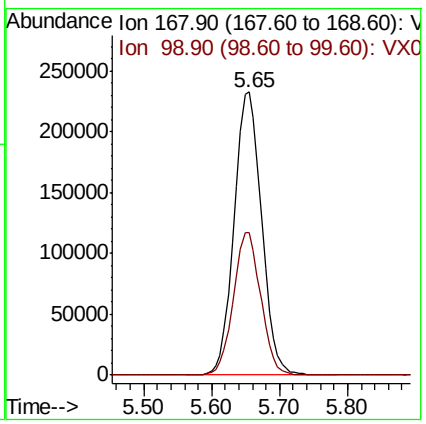


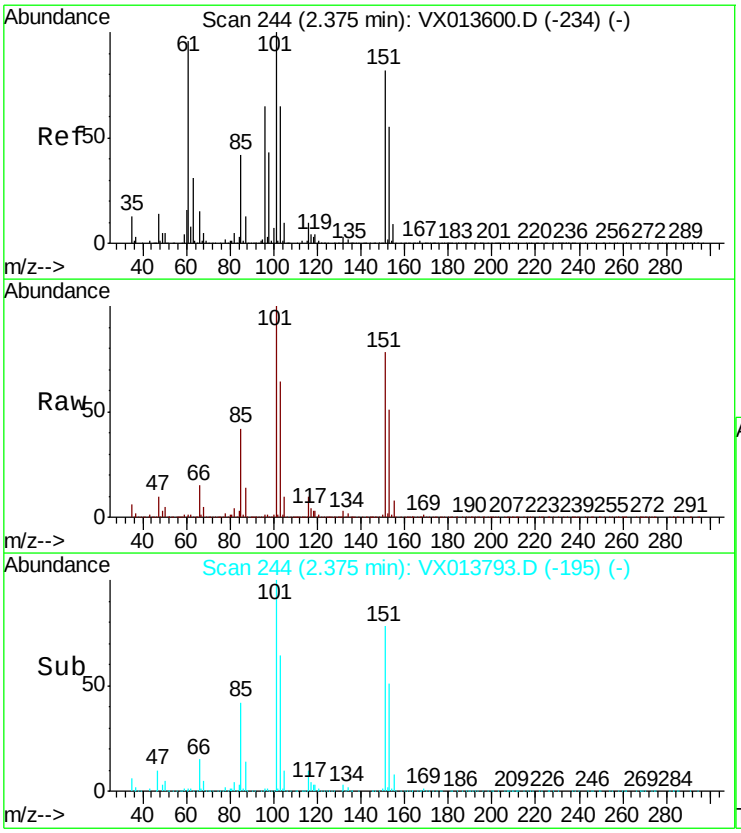
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:168 Resp: 652556

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.8	59.8

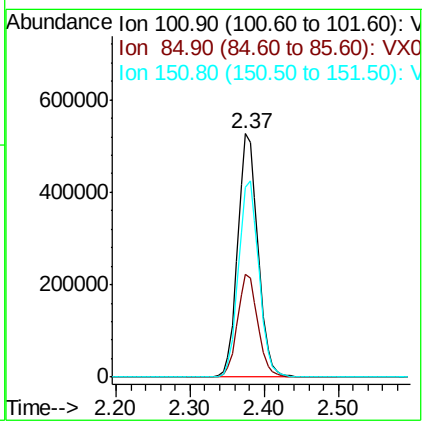


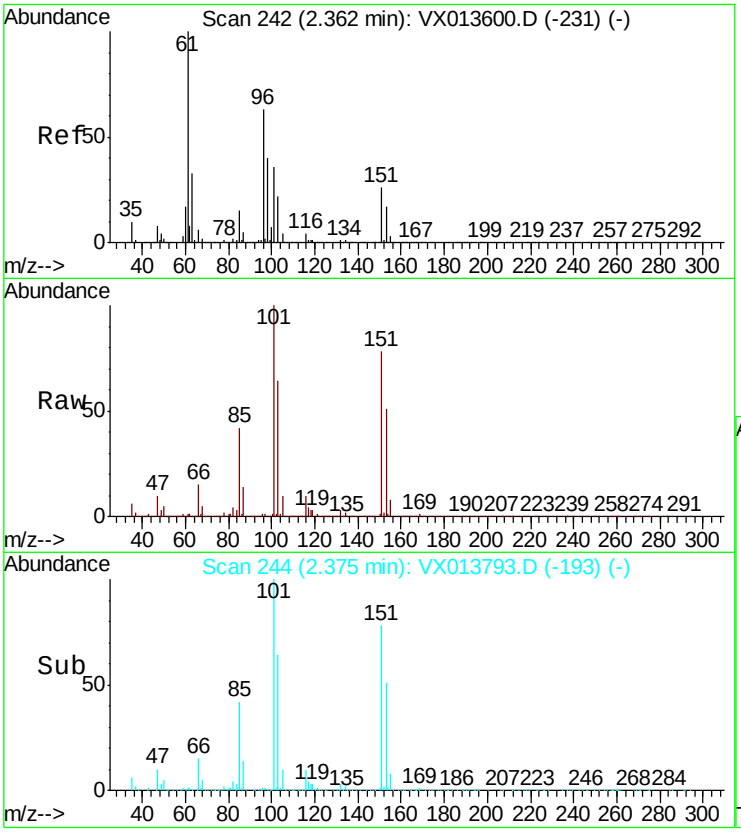


#9
1,1,2-Trichlorotrifluoroethane
Concen: 161.379 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:101 Resp: 1004029

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	81.7	64.2	96.2



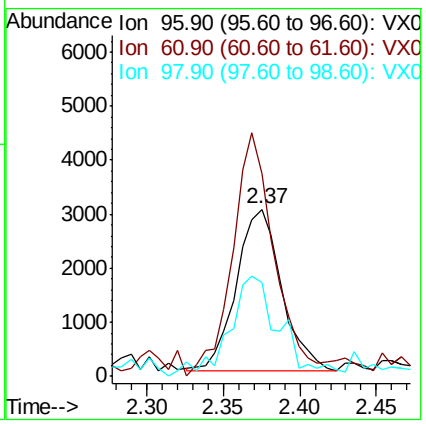


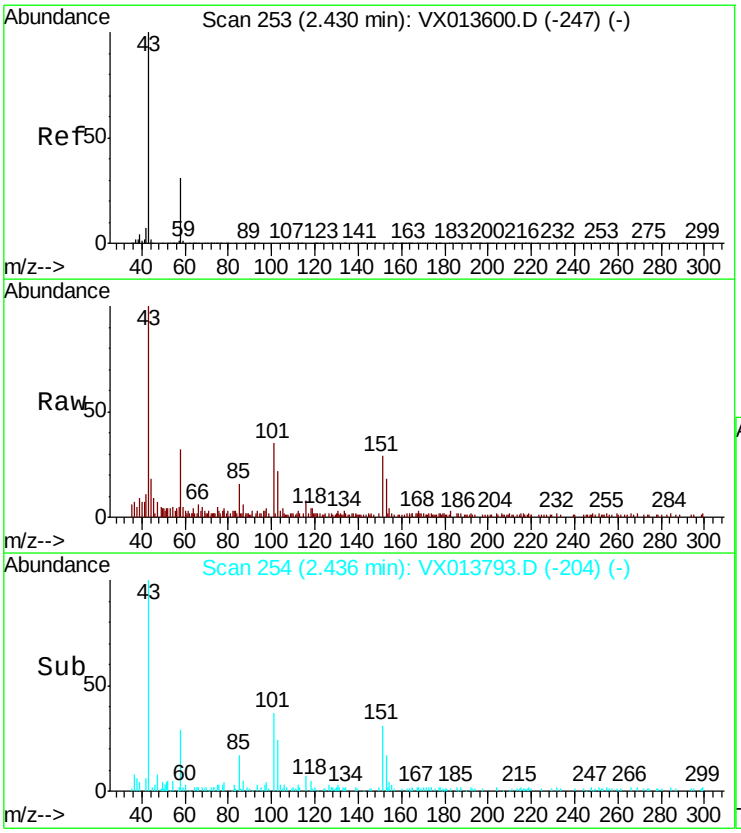
#12
1,1-Dichloroethene
Concen: 0.985 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 96 Resp: 6115

Ion	Ratio	Lower	Upper
96	100		
61	115.4	126.6	190.0#
98	53.6	50.6	76.0

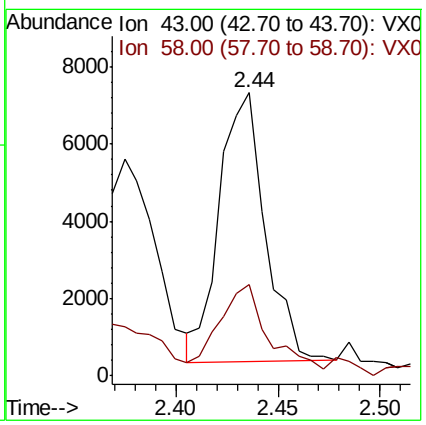


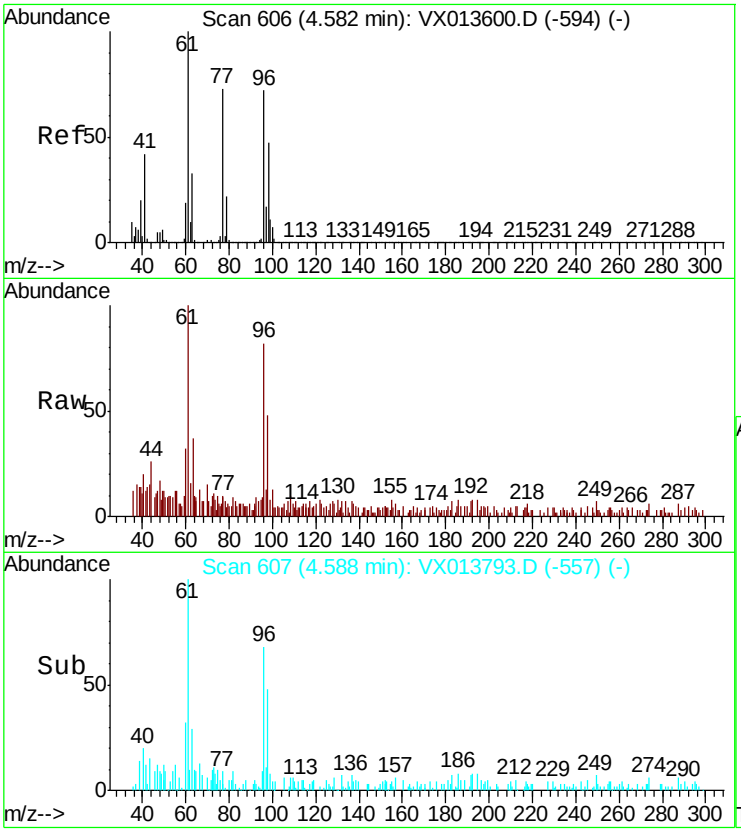


#16
Acetone
Concen: 2.894 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 43 Resp: 10824

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	36.8



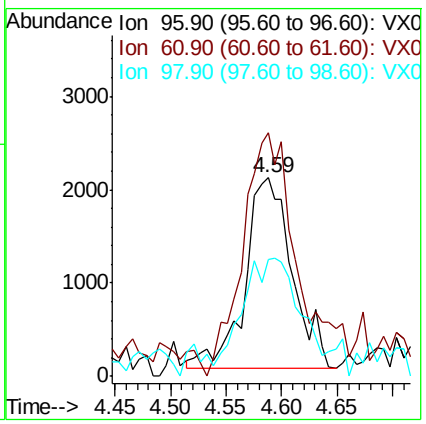


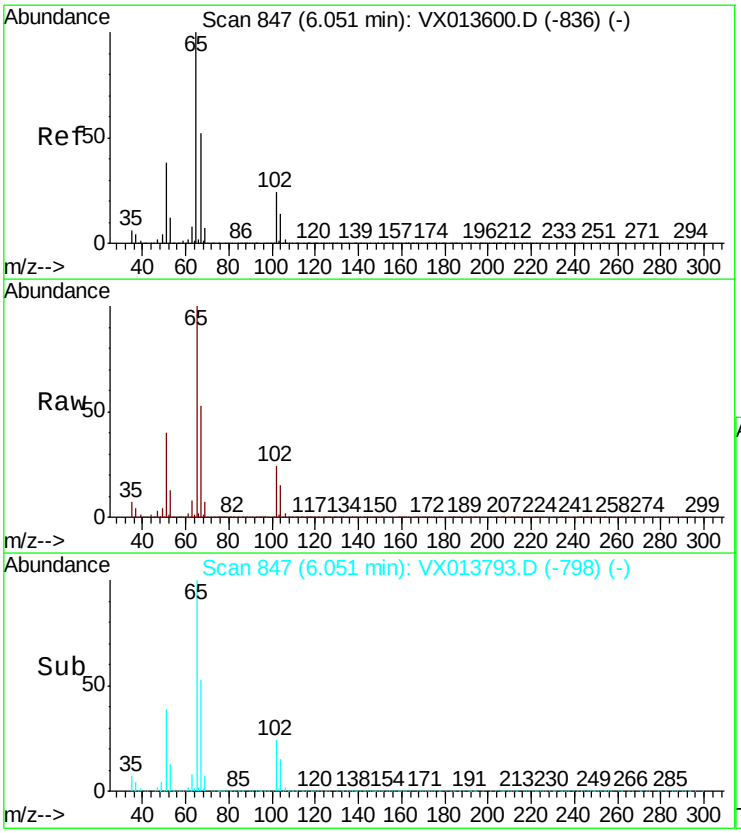
#27
cis-1,2-Dichloroethene
Concen: 0.777 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 96 Resp: 6038

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	286.4
98	64.5	0.0	127.4

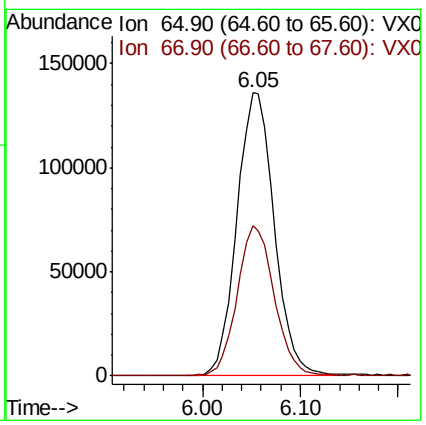


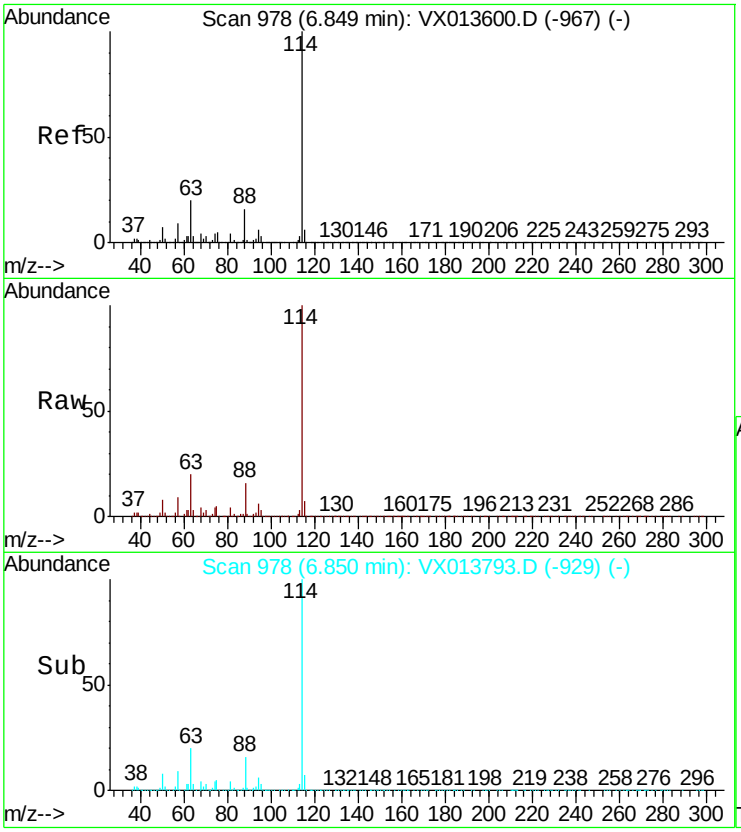


#33
1,2-Dichloroethane-d4
Concen: 47.322 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 65 Resp: 358447

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4



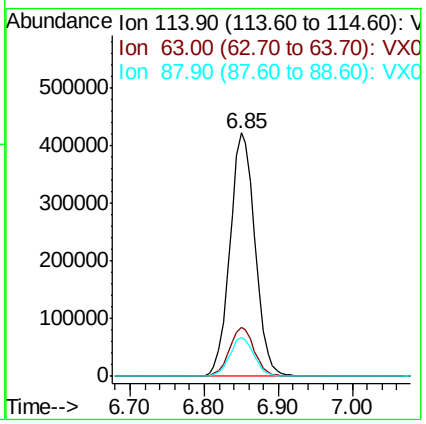


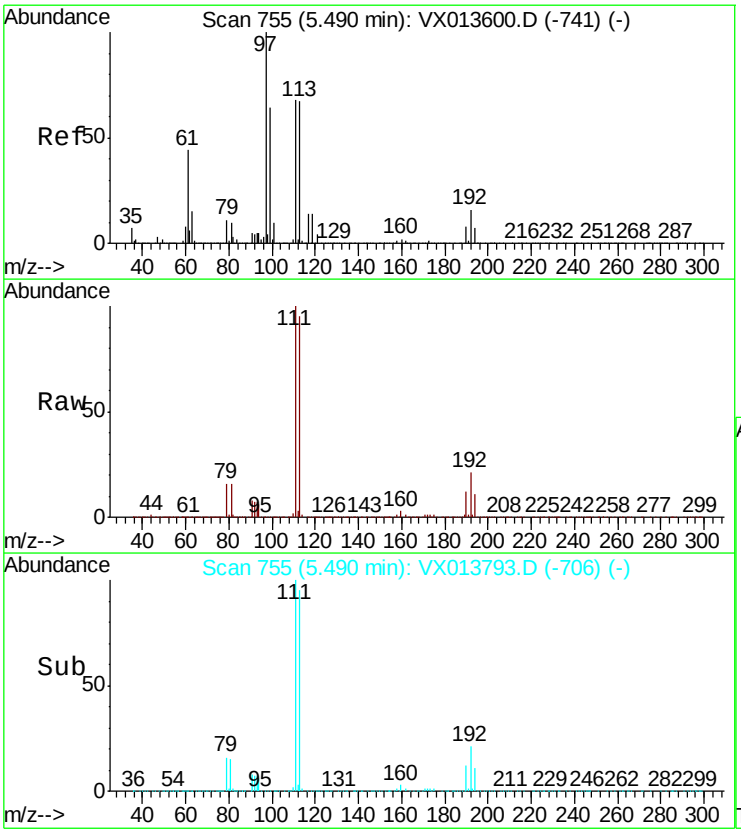
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:114 Resp: 994165

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.0	0.0	31.4

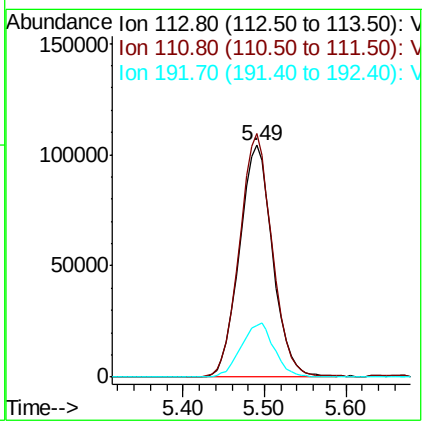


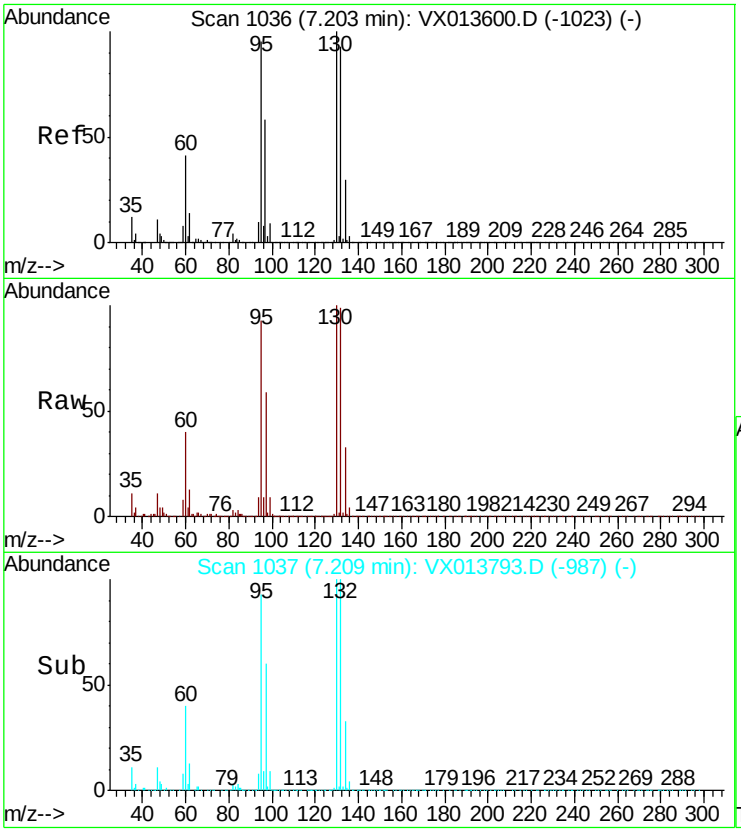


#35
Dibromofluoromethane
Concen: 47.899 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:113 Resp: 294389

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.6	125.4
192	23.3	19.2	28.8



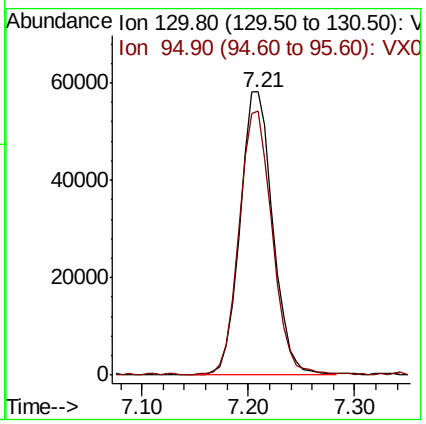


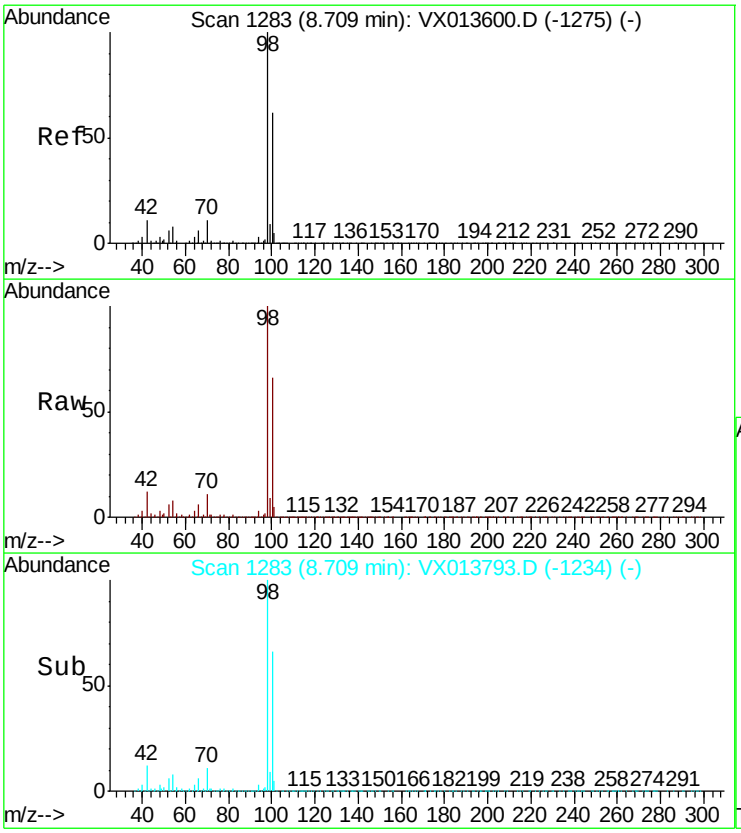
#44
Trichloroethene
Concen: 16.737 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:130 Resp: 126254

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8

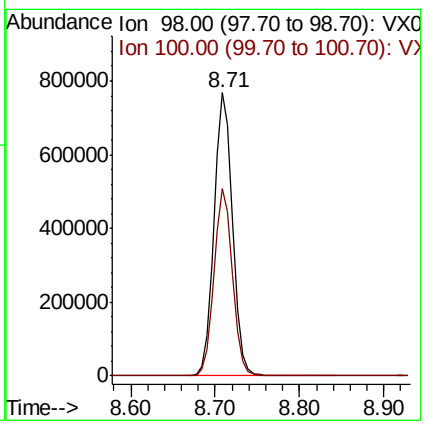


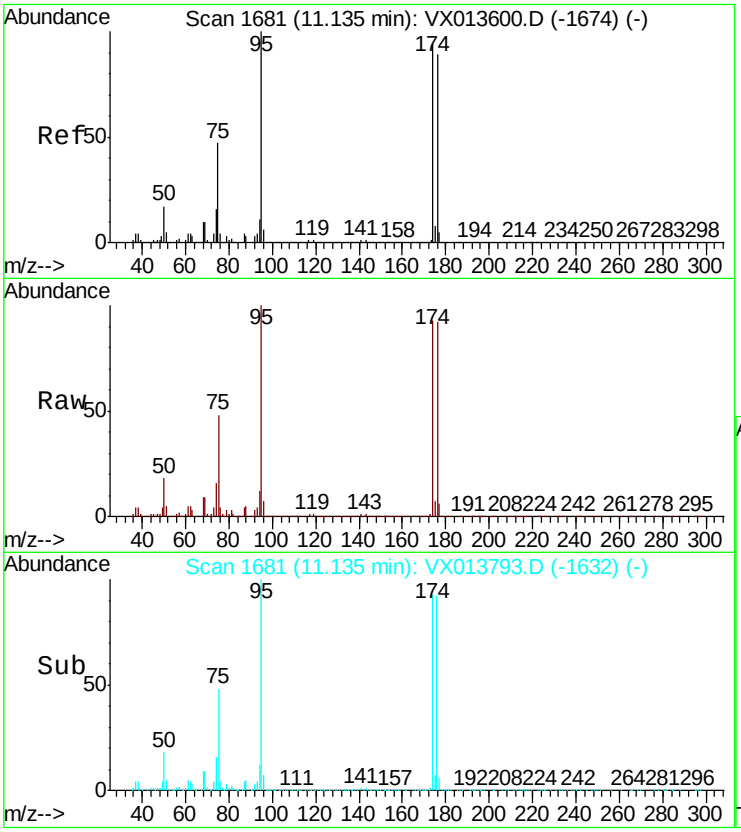


#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 98 Resp: 1168793

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



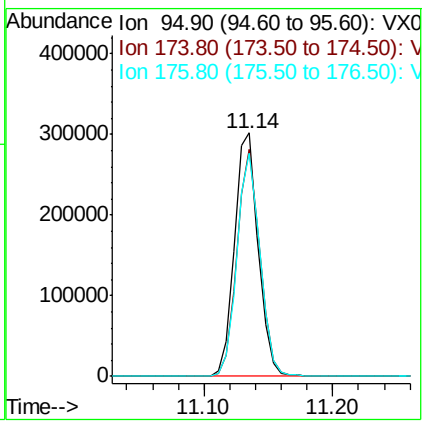


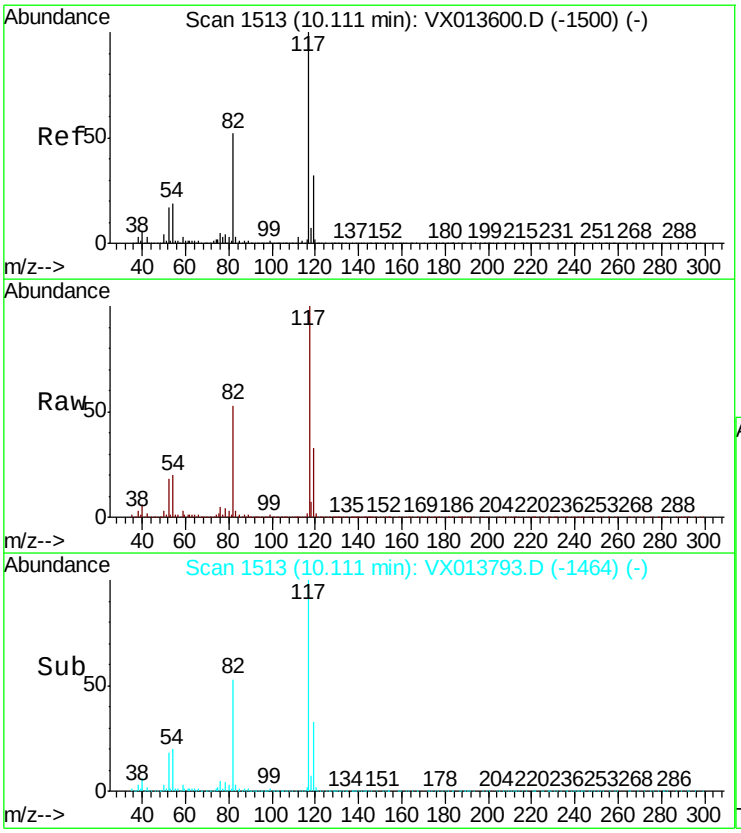
#62
4-Bromofluorobenzene
Concen: 44.920 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 95 Resp: 387879

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.0
176	88.2	0.0	173.6

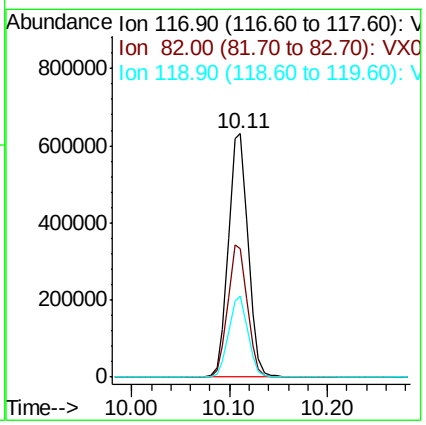


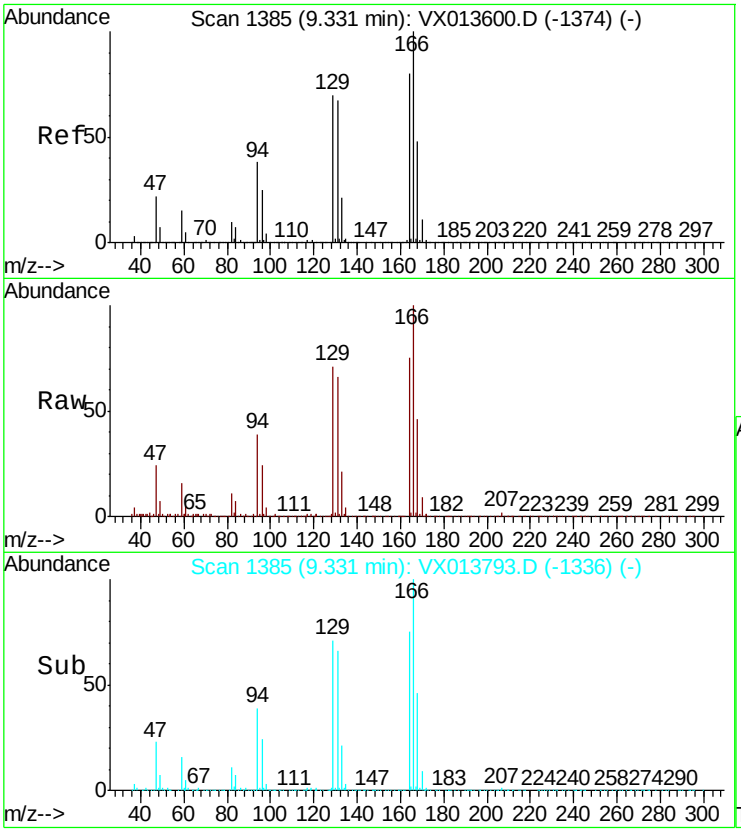


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:117 Resp: 883684

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	33.1	25.8	38.8



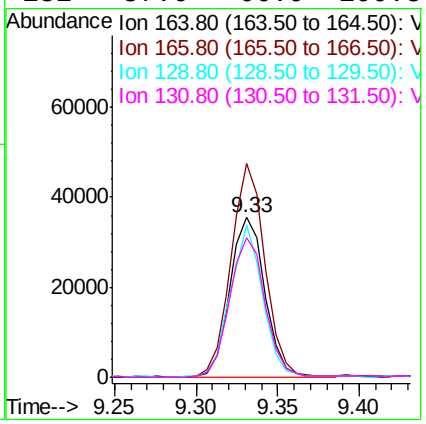


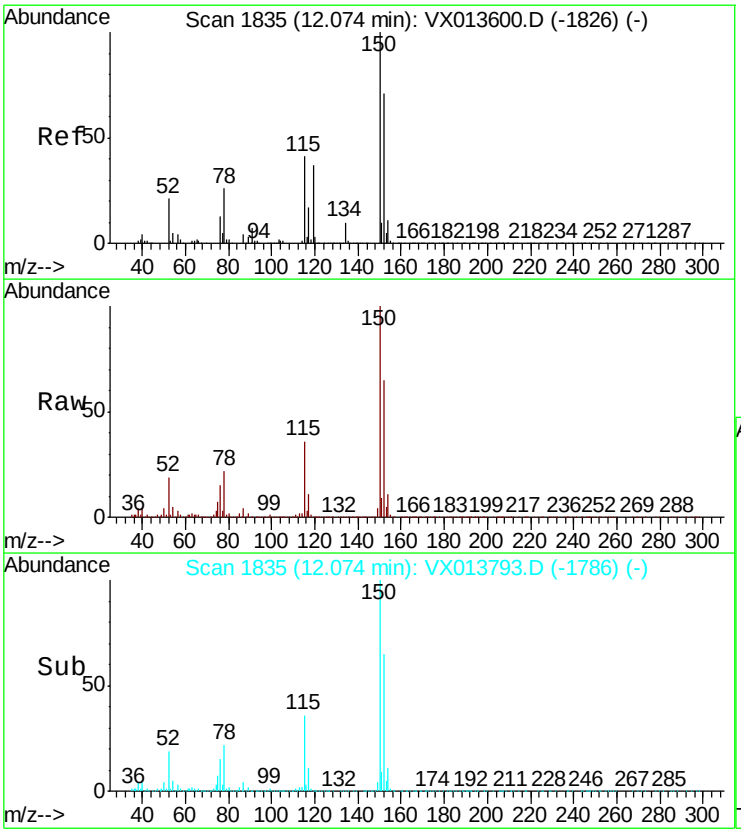
#64
Tetrachloroethene
Concen: 8.064 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:164 Resp: 53142

Ion	Ratio	Lower	Upper
164	100		
166	133.5	99.7	149.5
129	94.8	70.1	105.1
131	87.6	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: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:152 Resp: 392809

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.4	115.1
150	153.3	0.0	346.8