Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
Data File : VX014043.D
Acq On : 16 Dec 2019 18:20
Operator : JC/SP
Sample : K6251-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE105D1-20191206

Quant Time: Dec 17 05:33:10 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	567781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	873510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	319410	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.28%			
35) Dibromofluoromethane	5.49	113	262160	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.74%			
50) Toluene-d8	8.71	98	1034178	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.13	95	336322	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.02%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27348	5.095	ug/l	97
12) 1,1-Dichloroethene	2.37	96	3725	0.682	ug/l	90
16) Acetone	2.43	43	10929	2.616	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	8326	1.224	ug/l	79
44) Trichloroethene	7.20	130	548165	80.475	ug/l	99

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

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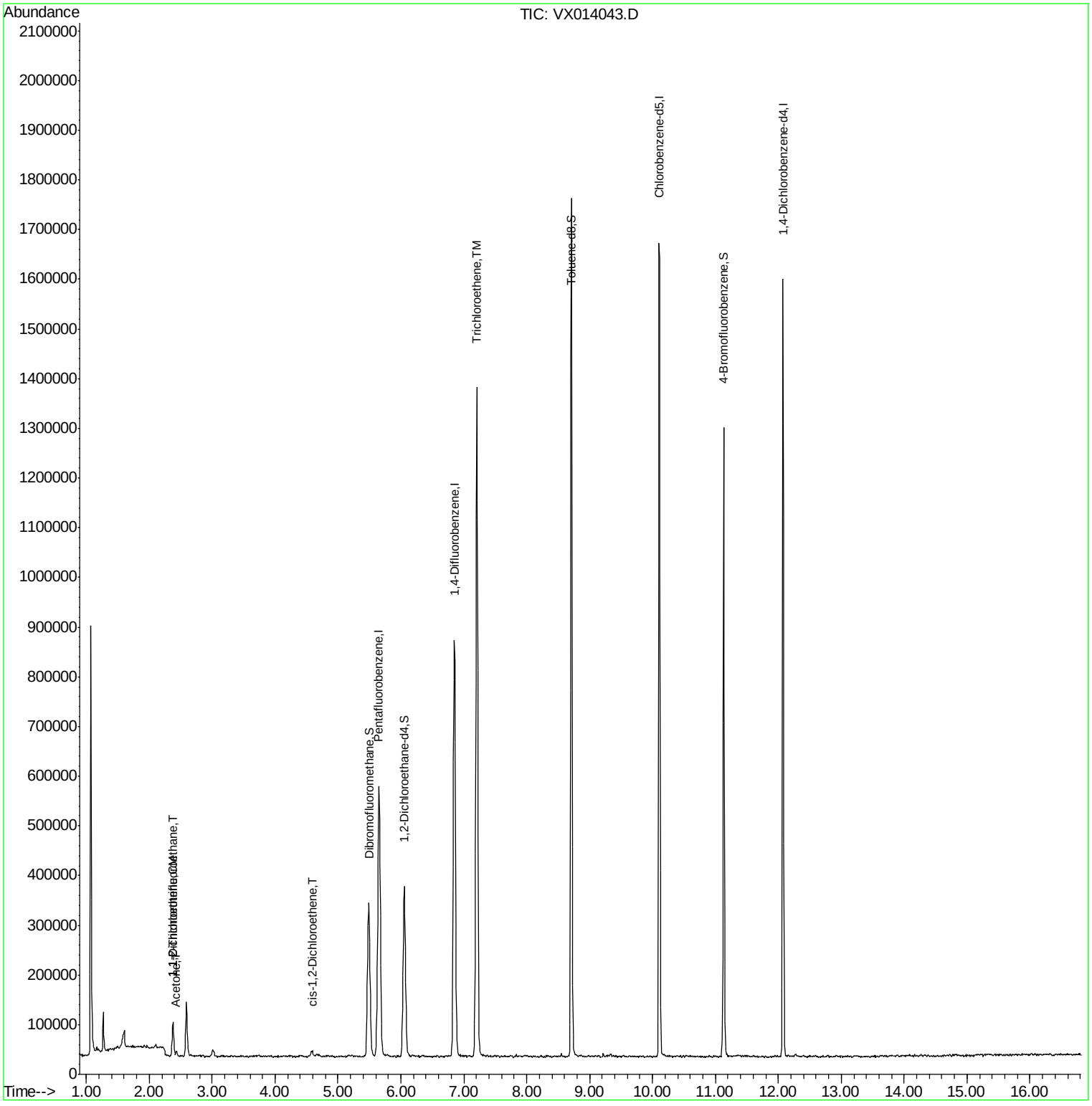
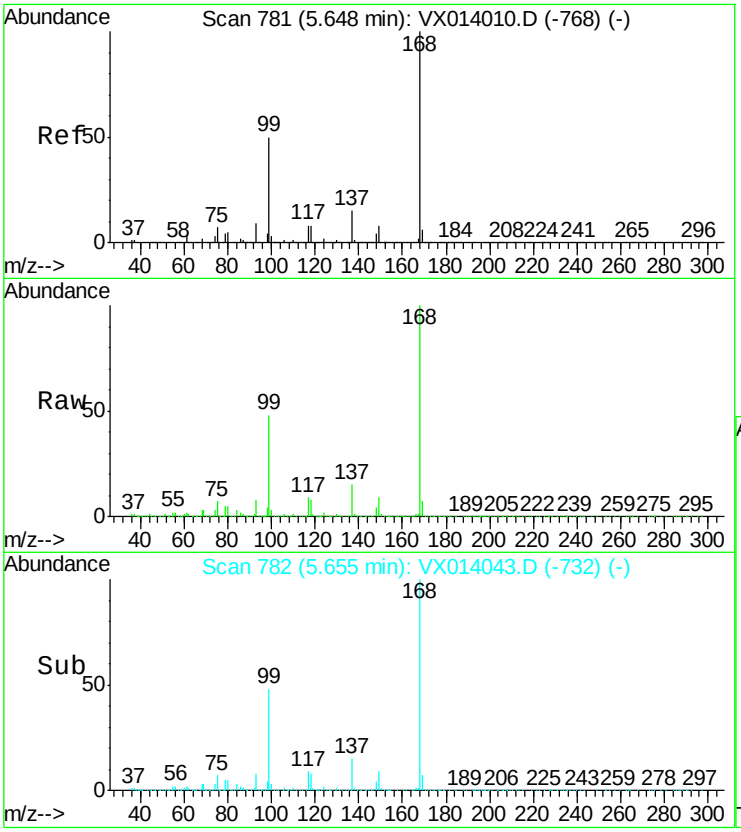


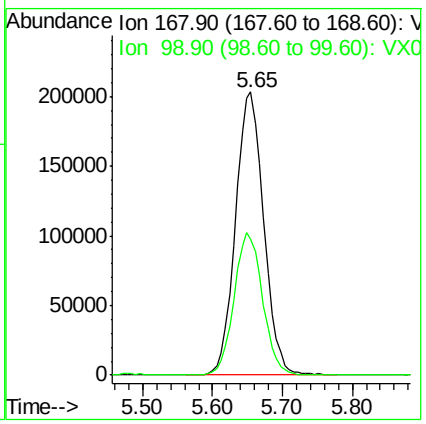


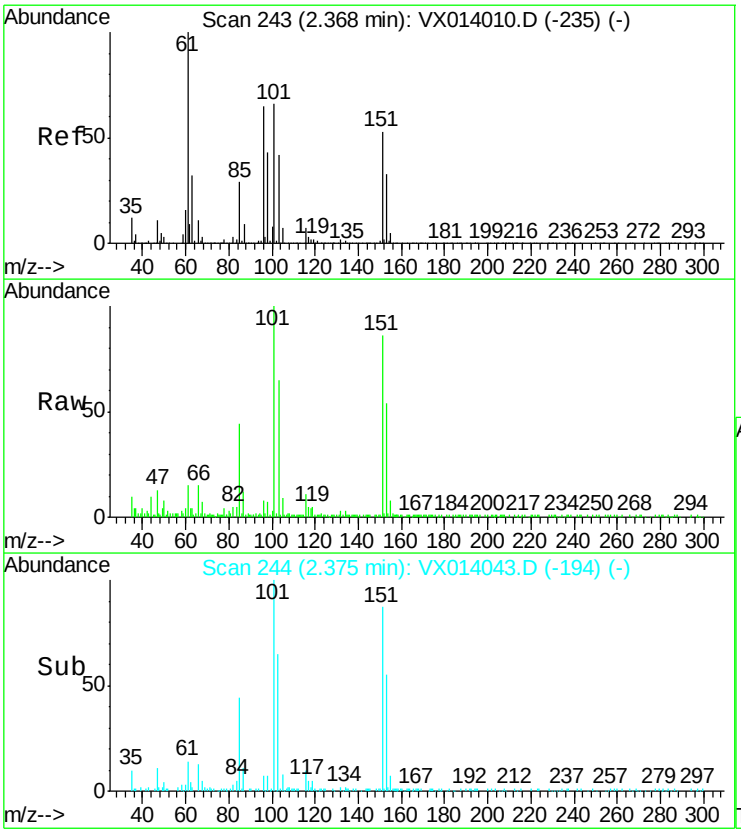
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion:168 Resp: 567781

Ion	Ratio	Lower	Upper
168	100		
99	47.9	40.3	60.5

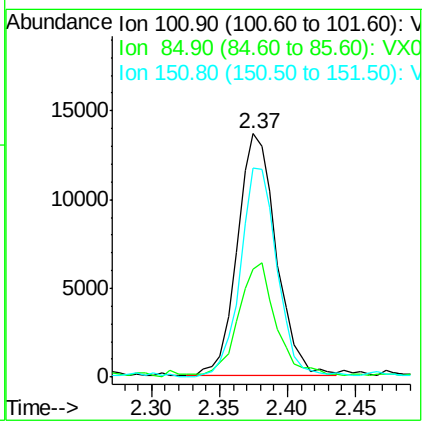


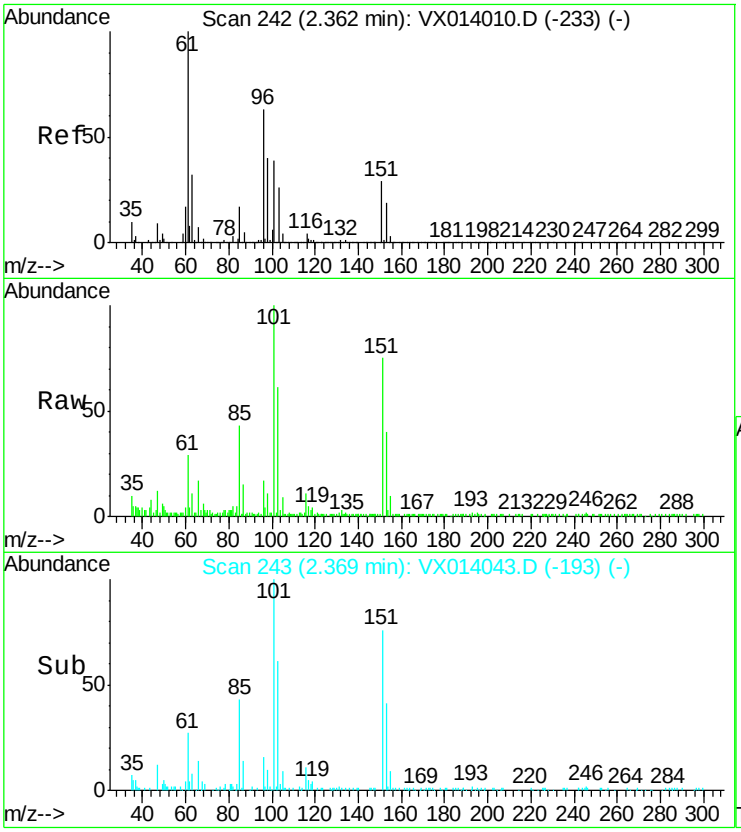


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.095 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion:101 Resp: 27348

Ion	Ratio	Lower	Upper
101	100		
85	44.5	33.7	50.5
151	82.4	64.5	96.7



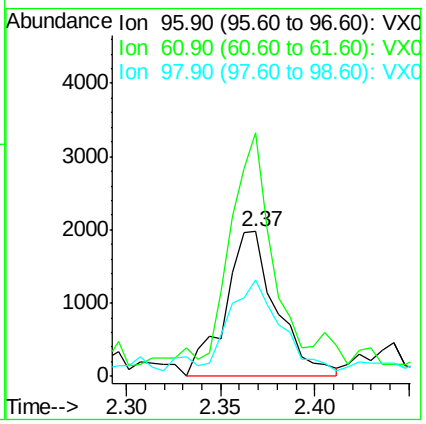


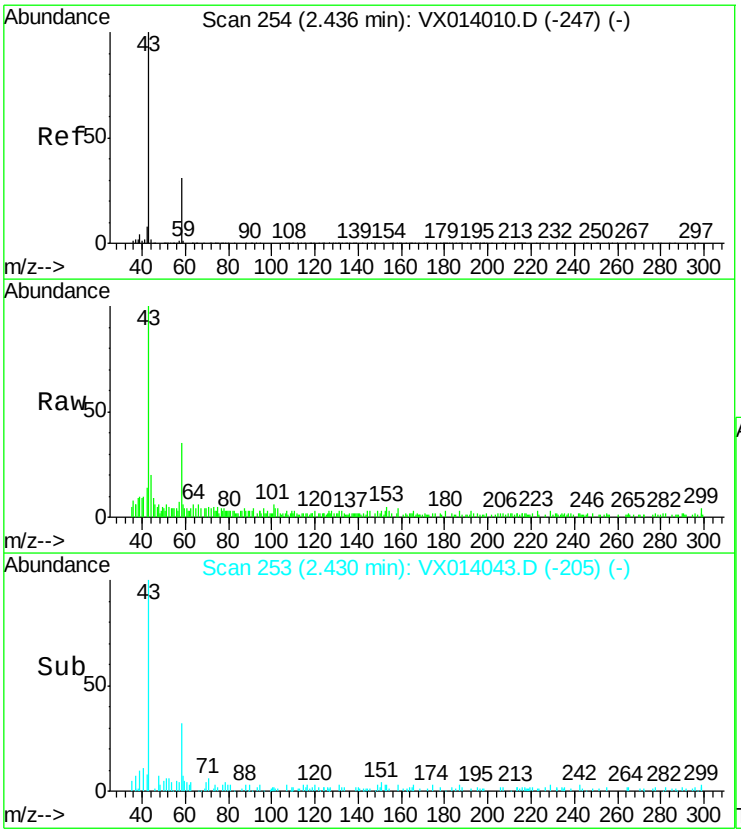
#12
1,1-Dichloroethene
Concen: 0.682 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion: 96 Resp: 3725

Ion	Ratio	Lower	Upper
96	100		
61	148.6	127.9	191.9
98	53.3	50.5	75.7

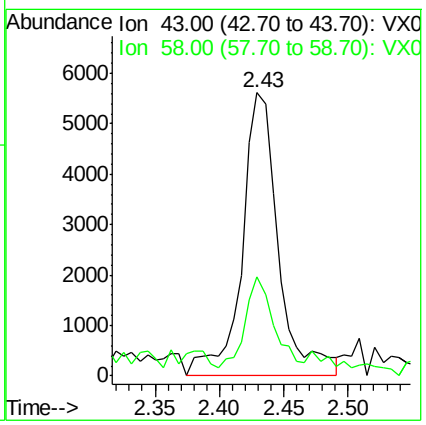


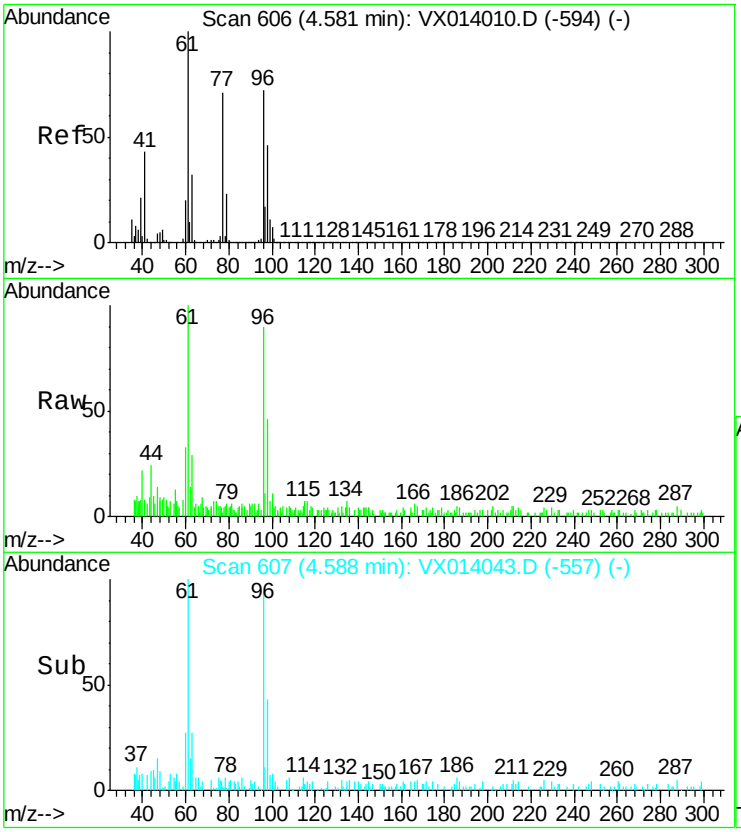


#16
Acetone
Concen: 2.616 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion: 43 Resp: 10929

Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3



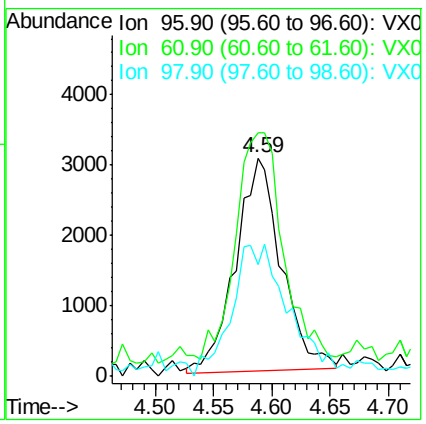


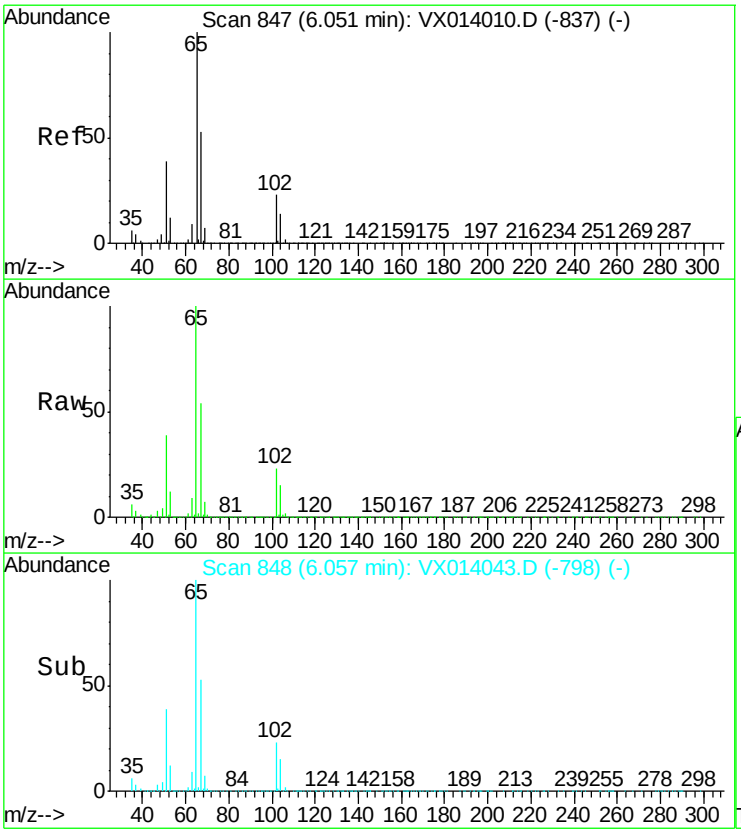
#27
cis-1,2-Dichloroethene
Concen: 1.224 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion: 96 Resp: 8326

Ion	Ratio	Lower	Upper
96	100		
61	116.1	0.0	288.4
98	77.5	0.0	129.6

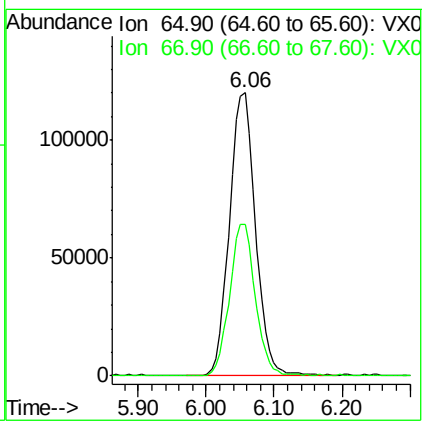


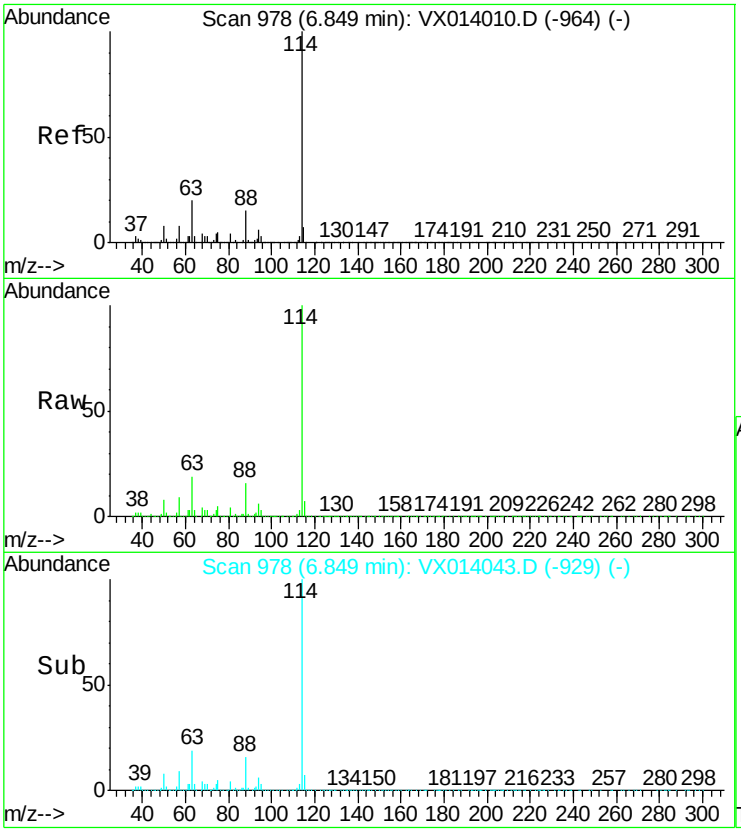


#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion: 65 Resp: 319410

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4



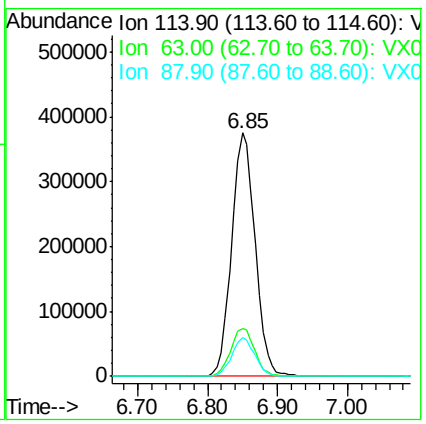


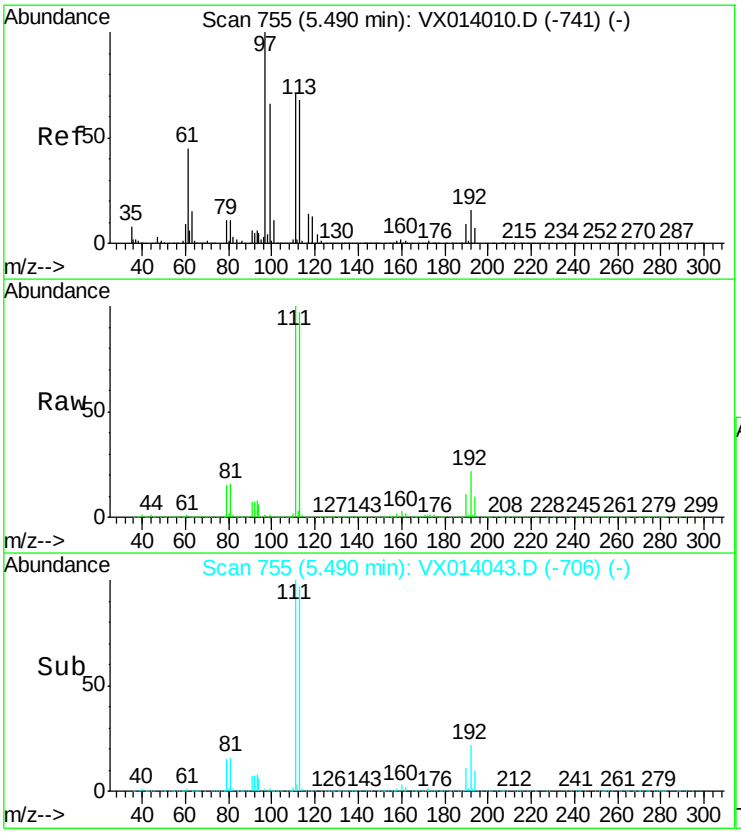
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion:114 Resp: 873510

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	16.1	0.0	30.4

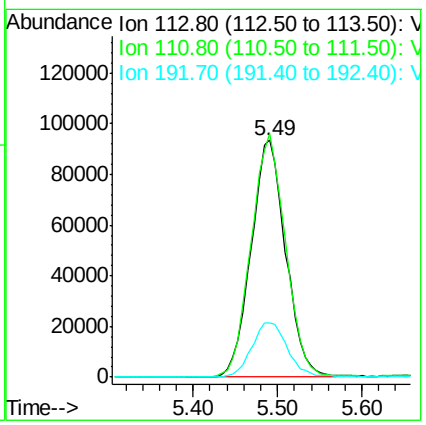


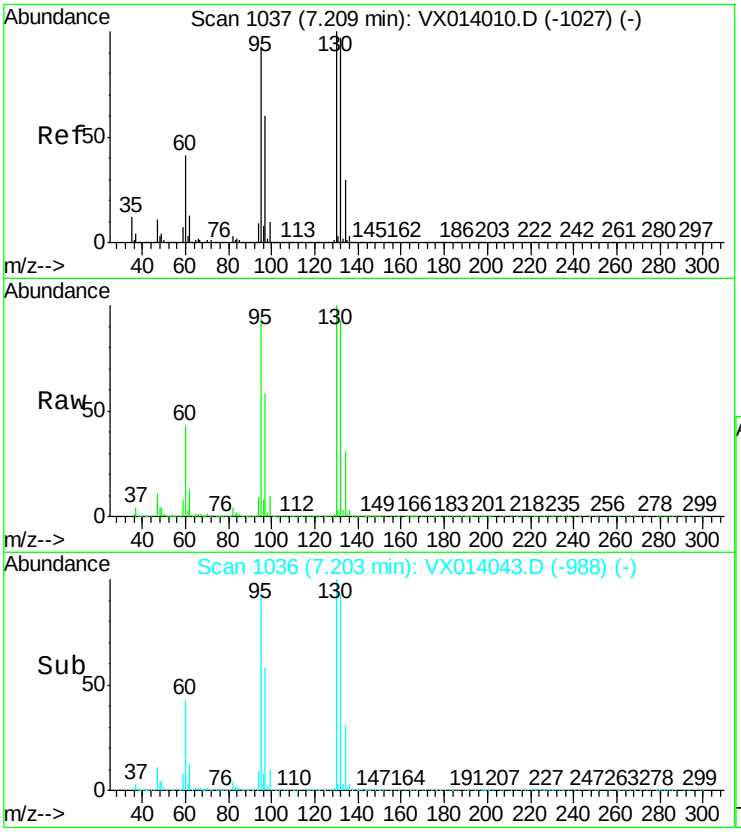


#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion:113 Resp: 262160

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	24.0	19.3	28.9



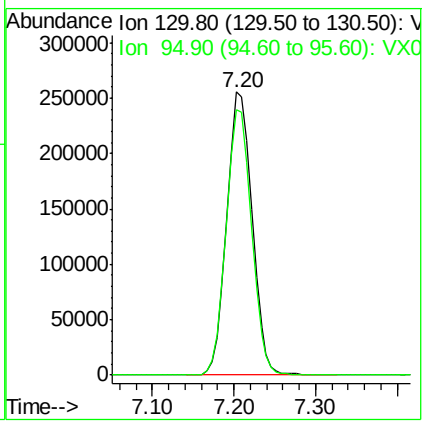


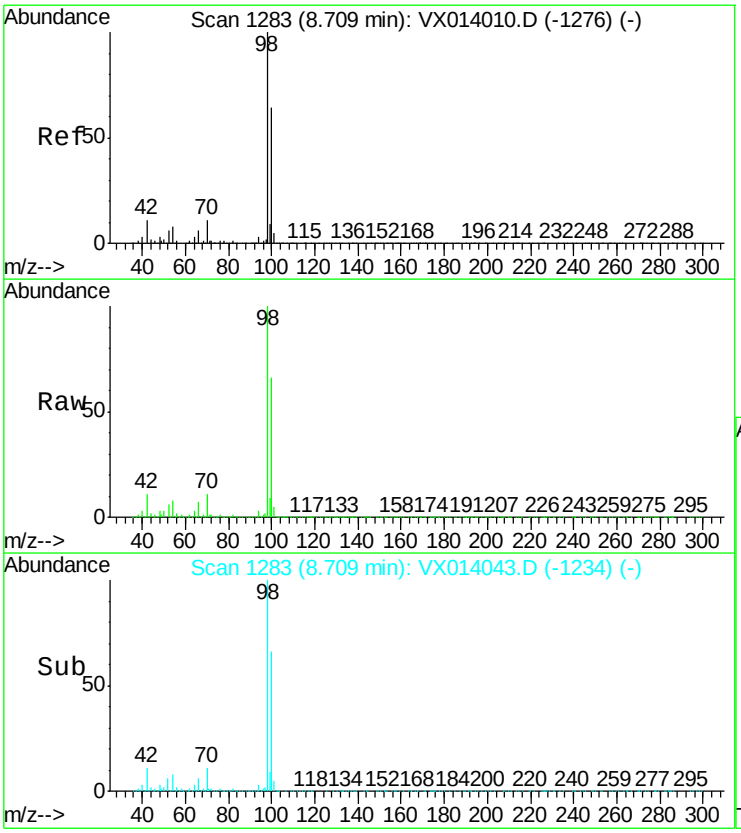
#44
Trichloroethene
Concen: 80.475 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion:130 Resp: 548165

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.6

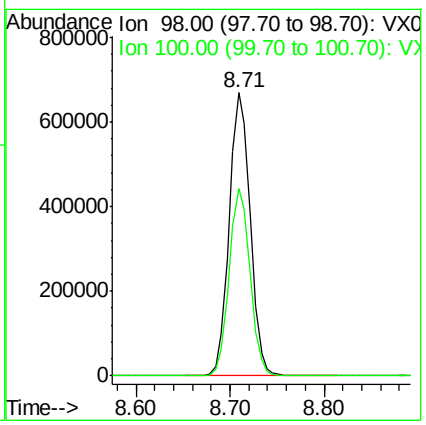


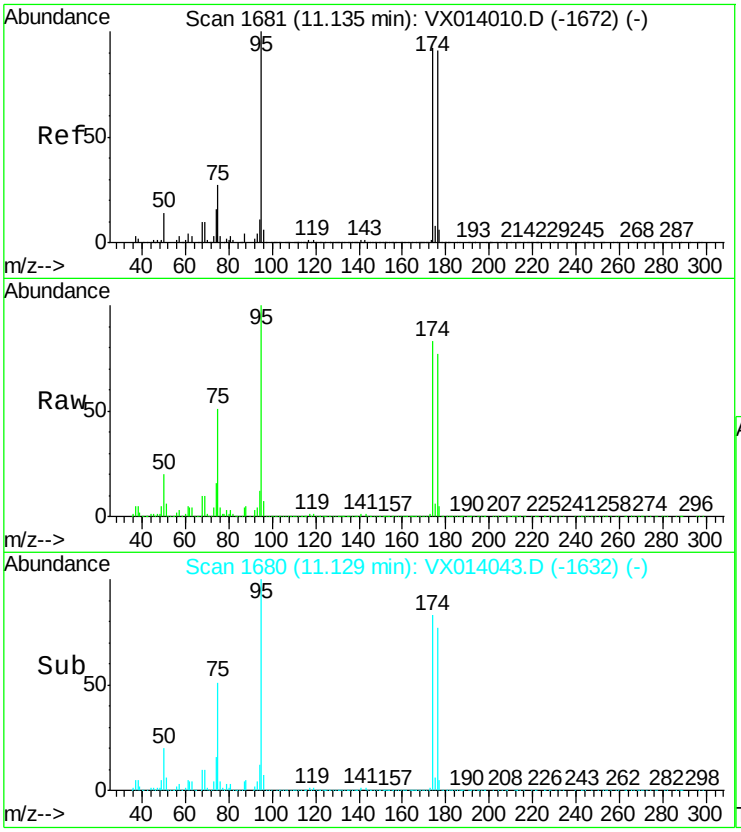


#50
Toluene-d8
Concen: 50.025 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion: 98 Resp: 1034178

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



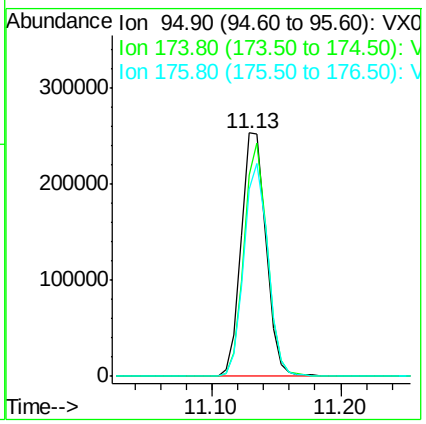


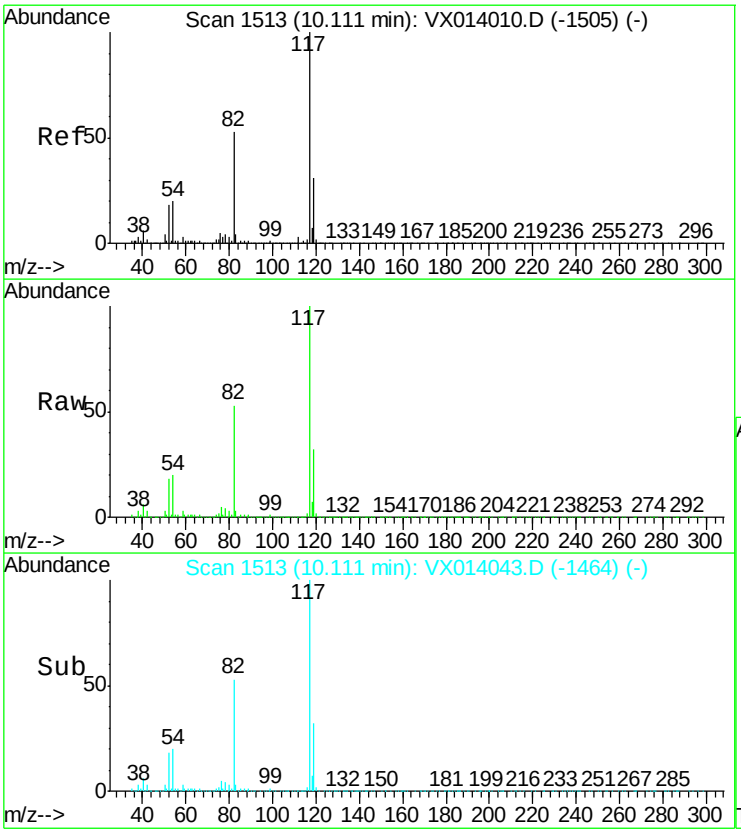
#62
4-Bromofluorobenzene
Concen: 44.505 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion: 95 Resp: 336322

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	175.8
176	84.9	0.0	173.0

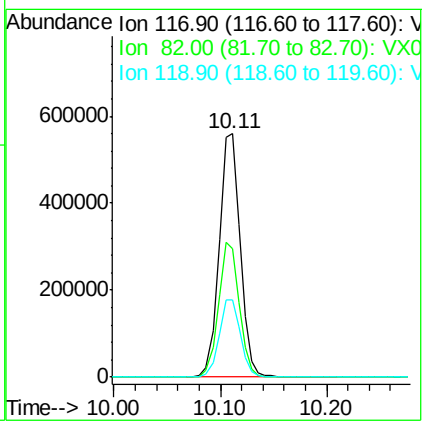


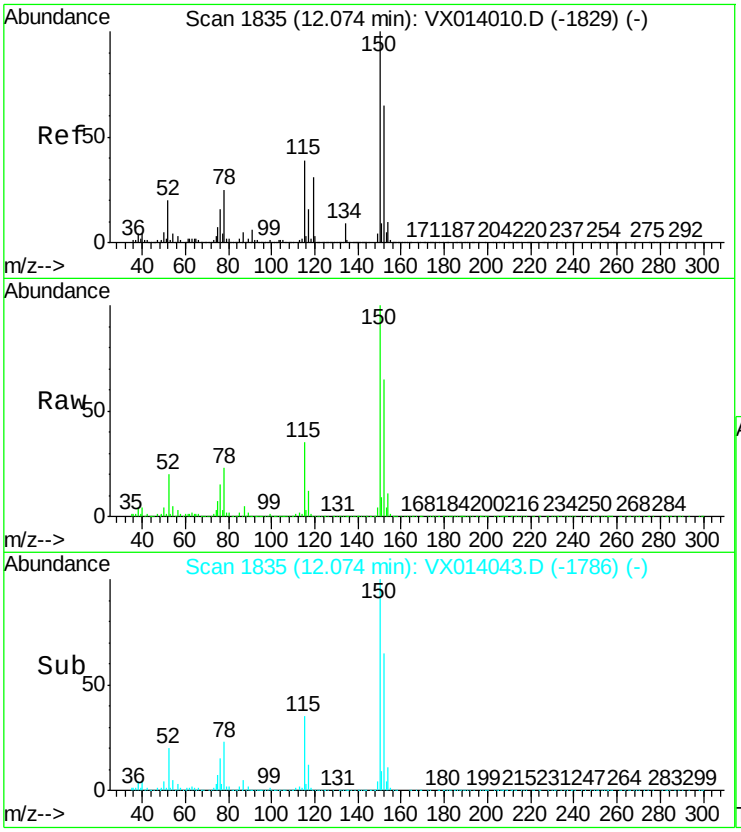


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion:117 Resp: 771740

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	31.8	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

Tgt Ion:152 Resp: 327373

Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.3	114.9
150	156.9	0.0	345.4