Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\
Data File : VX013964.D
Acq On : 12 Dec 2019 00:30
Operator : JC/SP
Sample : K6249-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SA-PZ190I-20191208

Quant Time: Dec 12 06:42:44 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	534500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	720168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	302485	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
35) Dibromofluoromethane	5.49	113	243739	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.82%			
50) Toluene-d8	8.71	98	973507	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
62) 4-Bromofluorobenzene	11.14	95	330740	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	3114	0.617	ug/l	98
6) Chloroethane	1.70	64	108701	25.424	ug/l	99
12) 1,1-Dichloroethene	2.34	96	40893	8.039	ug/l	94
16) Acetone	2.45	43	8938	2.918	ug/l	99
24) 1,1-Dichloroethane	3.68	63	1741023	179.176	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	47204	5.732	ug/l	98
40) Benzene	6.13	78	11992	0.527	ug/l	98
65) Chlorobenzene	10.14	112	9929	0.664	ug/l #	86
83) tert-Butylbenzene	11.76	119	9266	0.480	ug/l	86
85) sec-Butylbenzene	11.94	105	29440	1.335	ug/l	82
87) 1,3-Dichlorobenzene	12.03	146	11082	1.015	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	45451	4.088	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	16056	1.489	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	3899	0.519	ug/l #	85

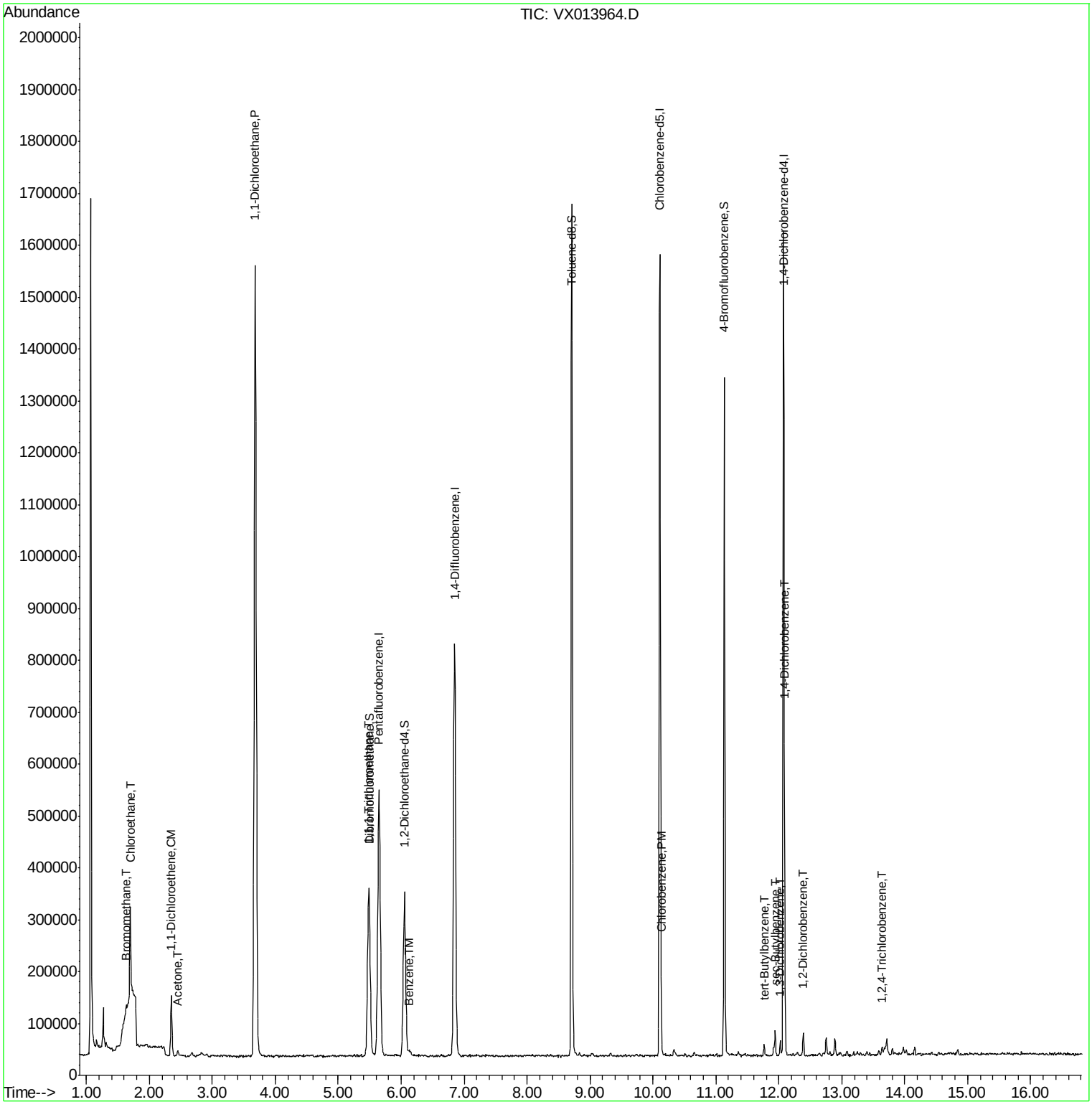
(#) = qualifier out of range (m) = manual integration (+) = signals summed

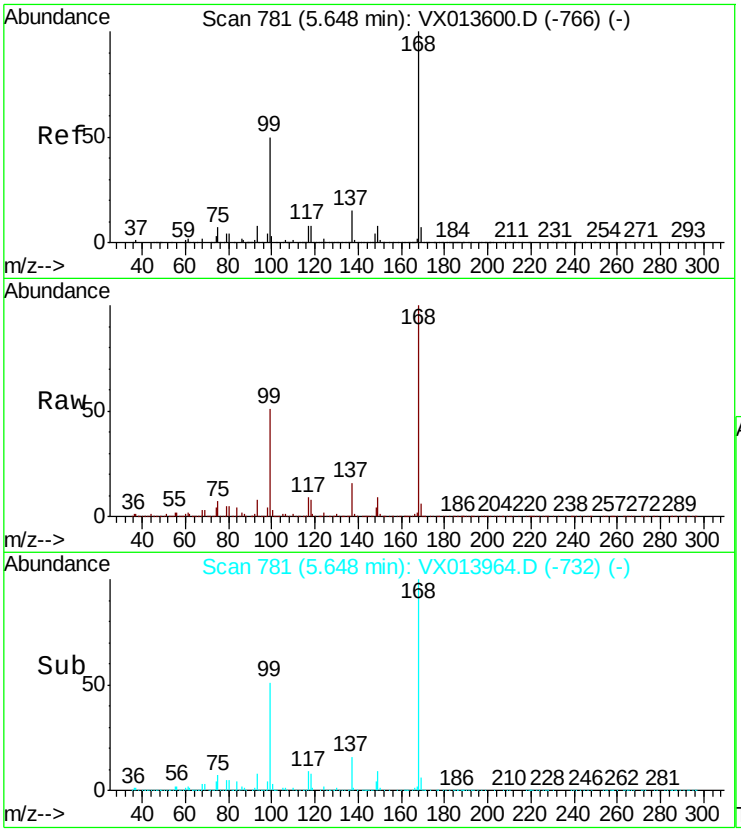
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
Data File : VX013964.D
Acq On : 12 Dec 2019 00:30
Operator : JC/SP
Sample : K6249-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Quant Time: Dec 12 06:42:44 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



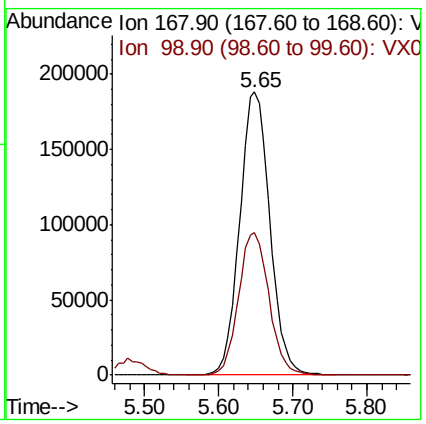


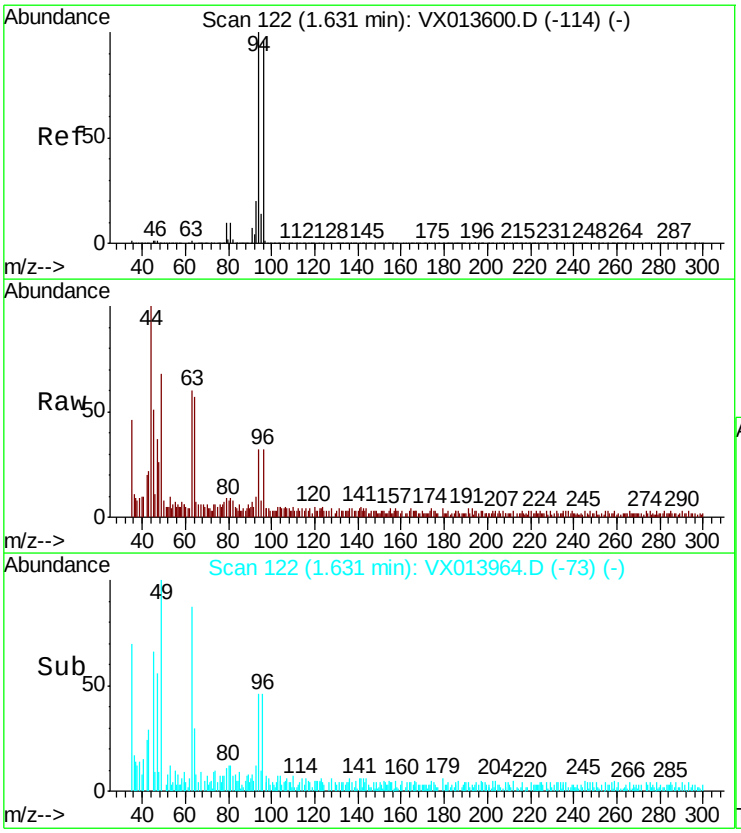
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:168 Resp: 534500

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.8	59.8

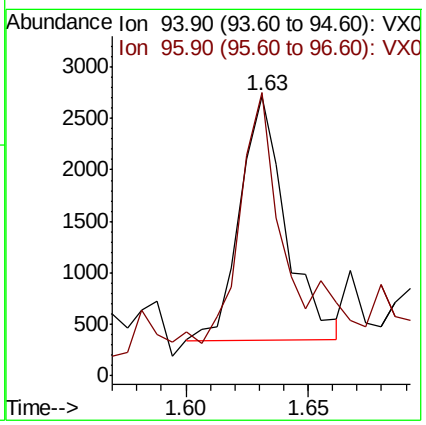


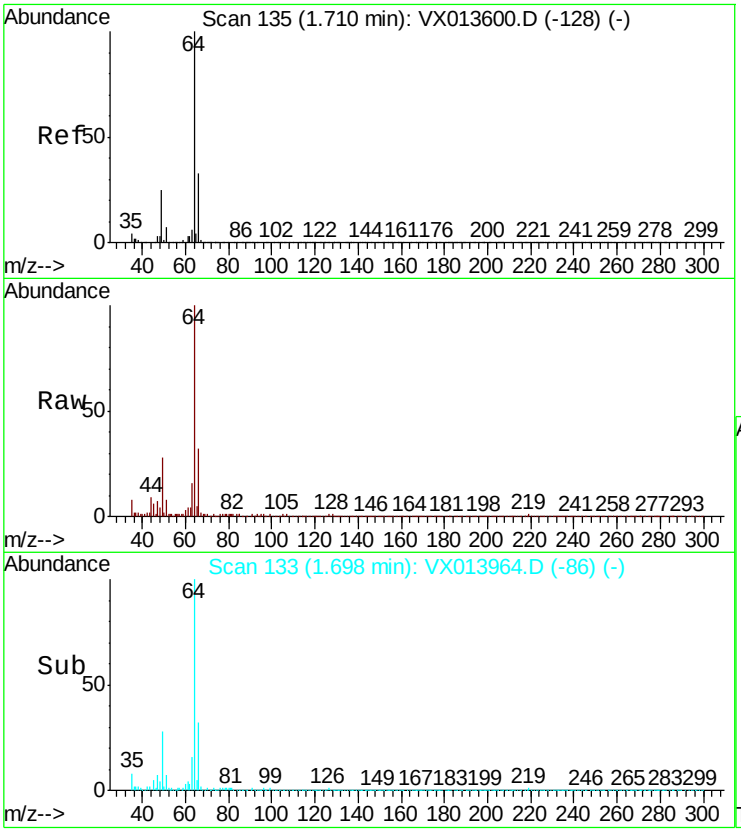


#5
Bromomethane
Concen: 0.617 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion: 94 Resp: 3114

Ion	Ratio	Lower	Upper
94	100		
96	98.4	77.0	115.4



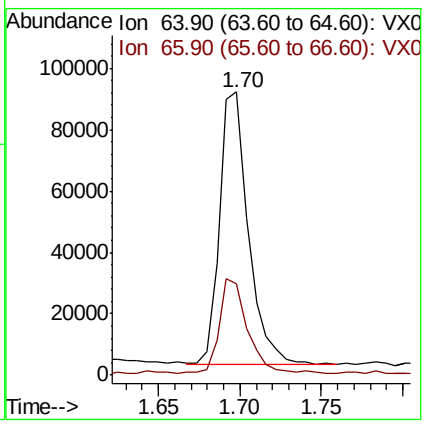


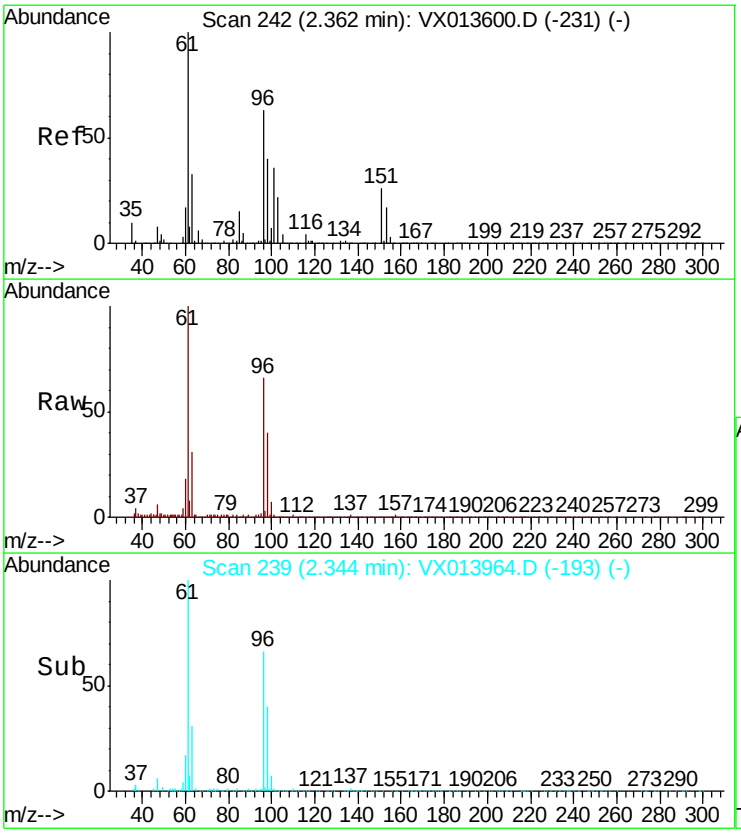
#6
Chloroethane
Concen: 25.424 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion: 64 Resp: 108701

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.7	40.1

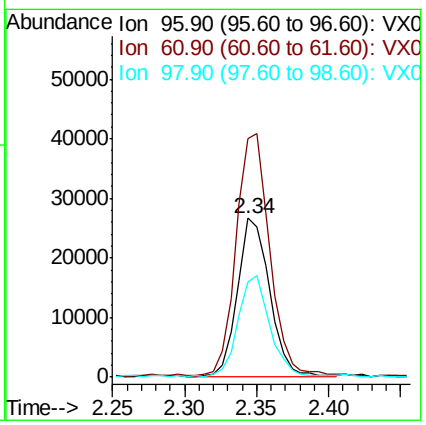


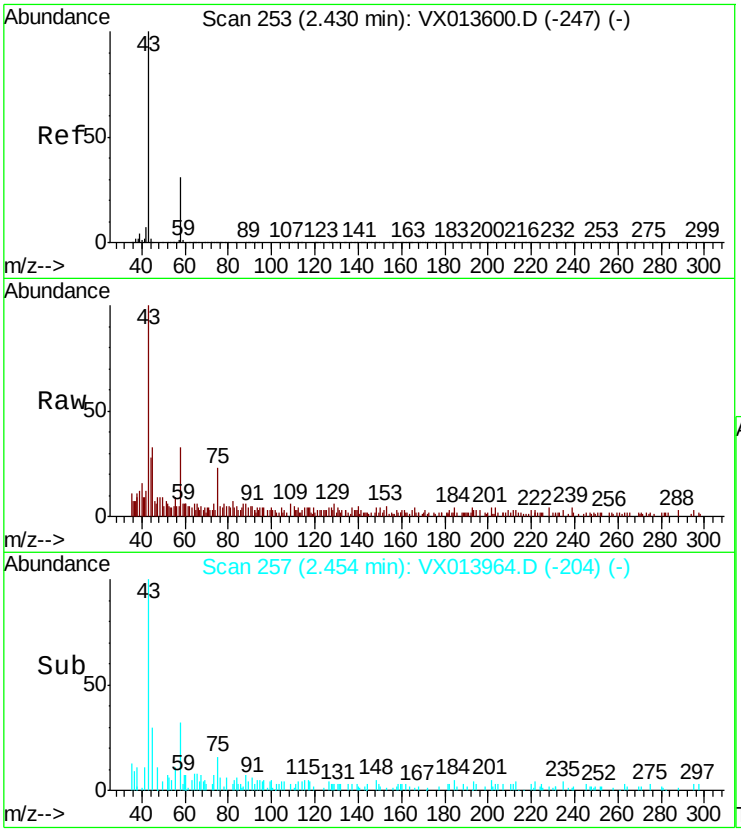


#12
1,1-Dichloroethene
Concen: 8.039 ug/l
RT: 2.34 min Scan# 239
Delta R.T. -0.02 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion: 96 Resp: 40893

Ion	Ratio	Lower	Upper
96	100		
61	149.8	126.6	190.0
98	60.1	50.6	76.0



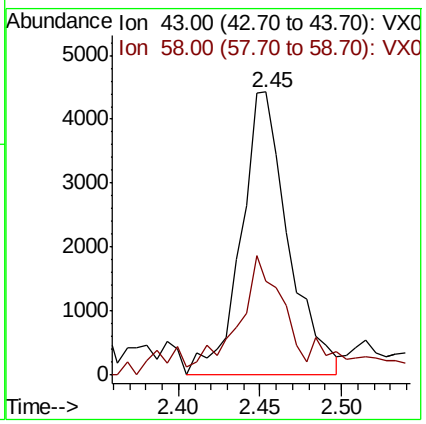


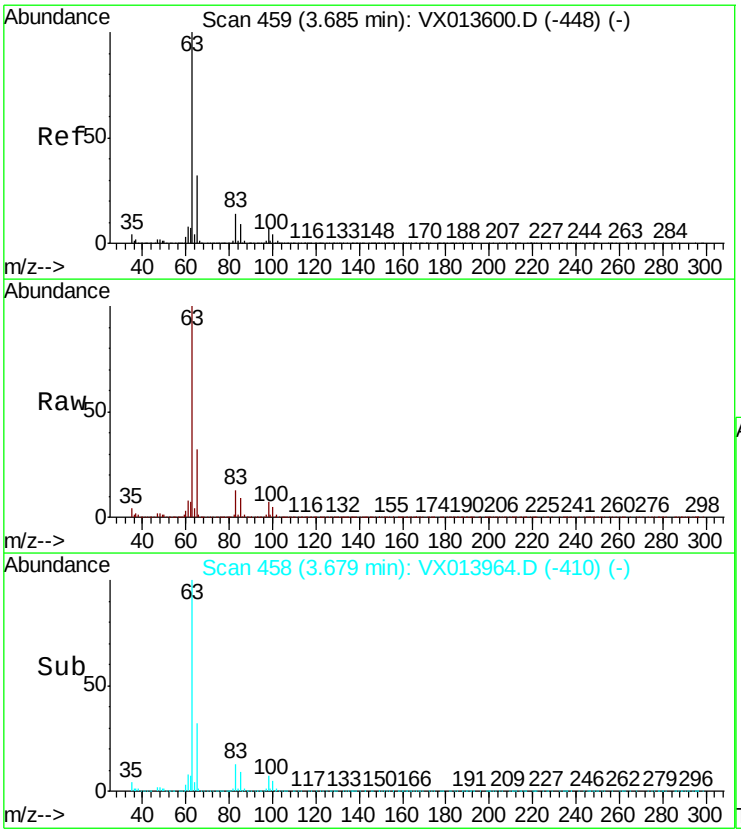
#16
Acetone
Concen: 2.918 ug/l
RT: 2.45 min Scan# 257
Delta R.T. 0.02 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion: 43 Resp: 8938

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	36.8

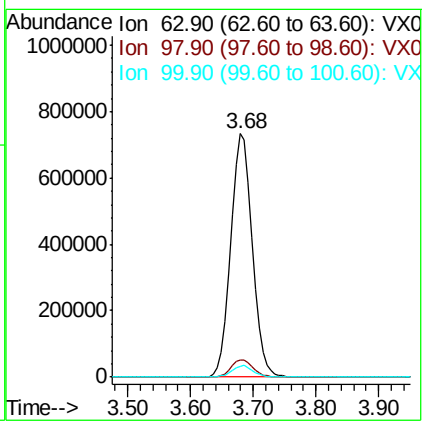


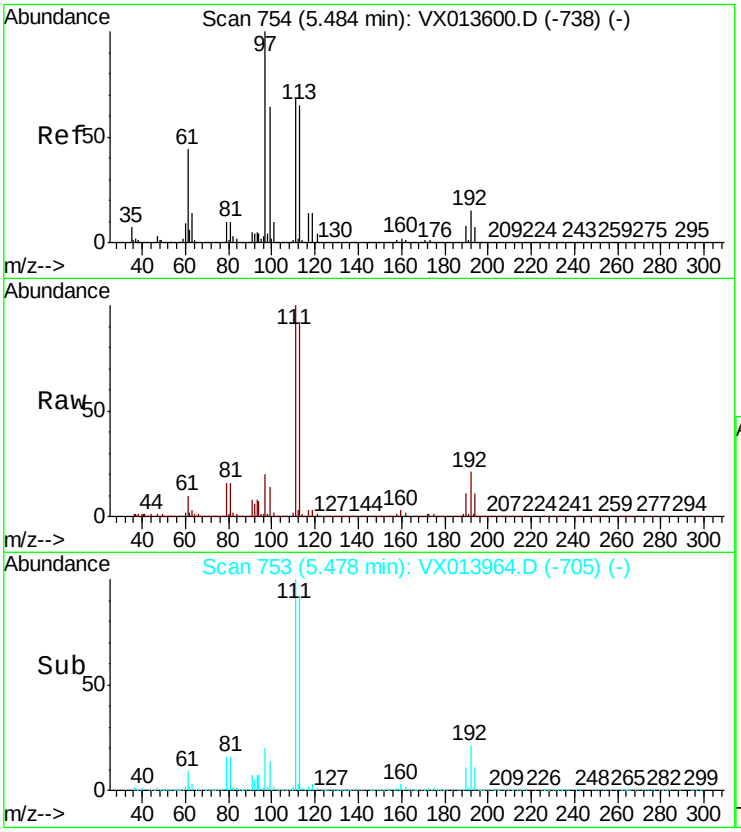


#24
1,1-Dichloroethane
Concen: 179.176 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion: 63 Resp: 1741023

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.4
100	4.5	2.1	6.3



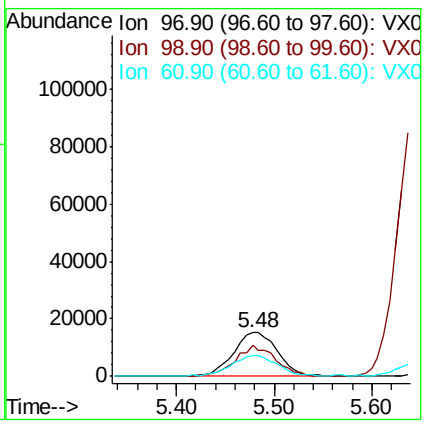


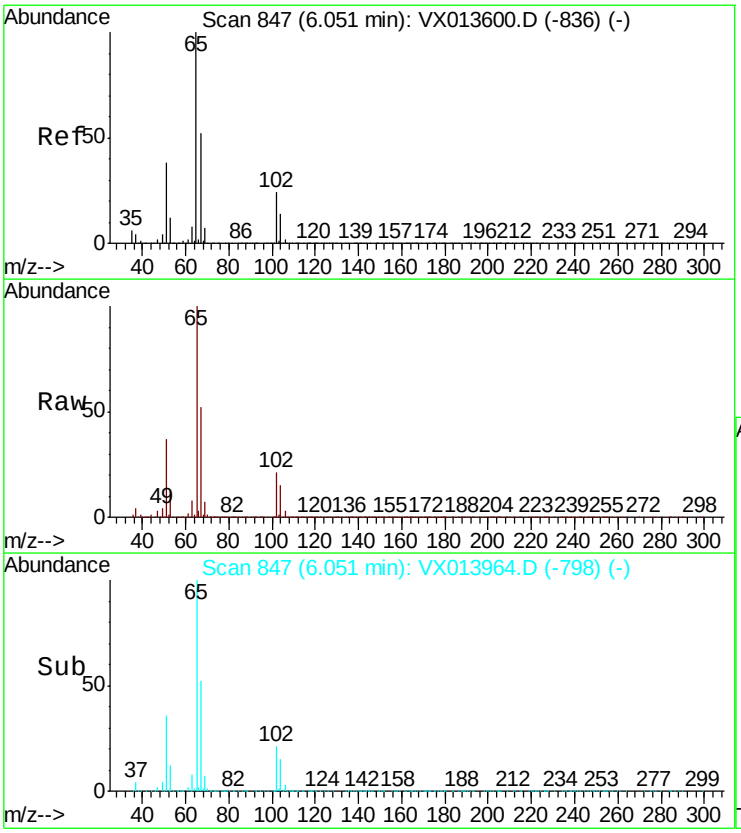
#32
1,1,1-Trichloroethane
Concen: 5.732 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion: 97 Resp: 47204

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	48.0	36.1	54.1

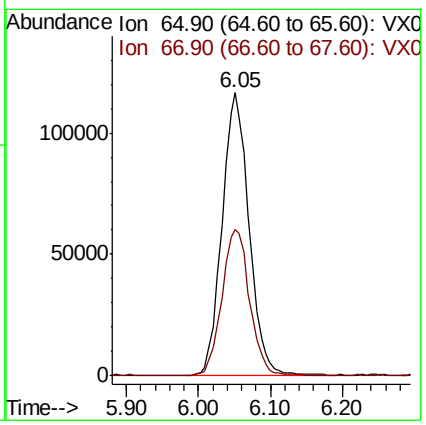


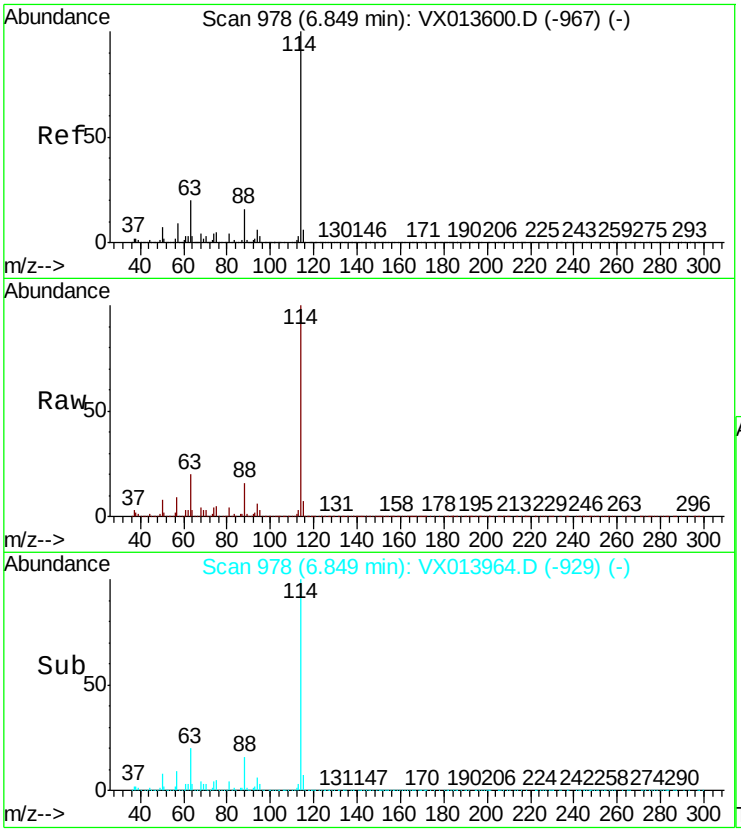


#33
1,2-Dichloroethane-d4
Concen: 48.754 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion: 65 Resp: 302485

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4



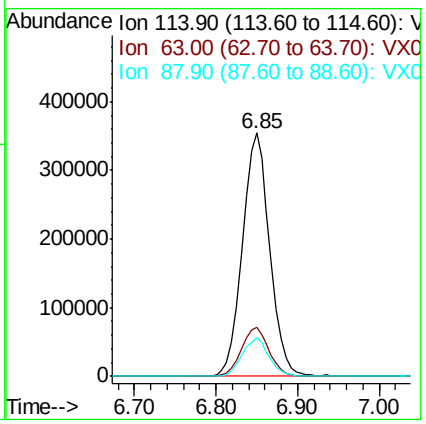


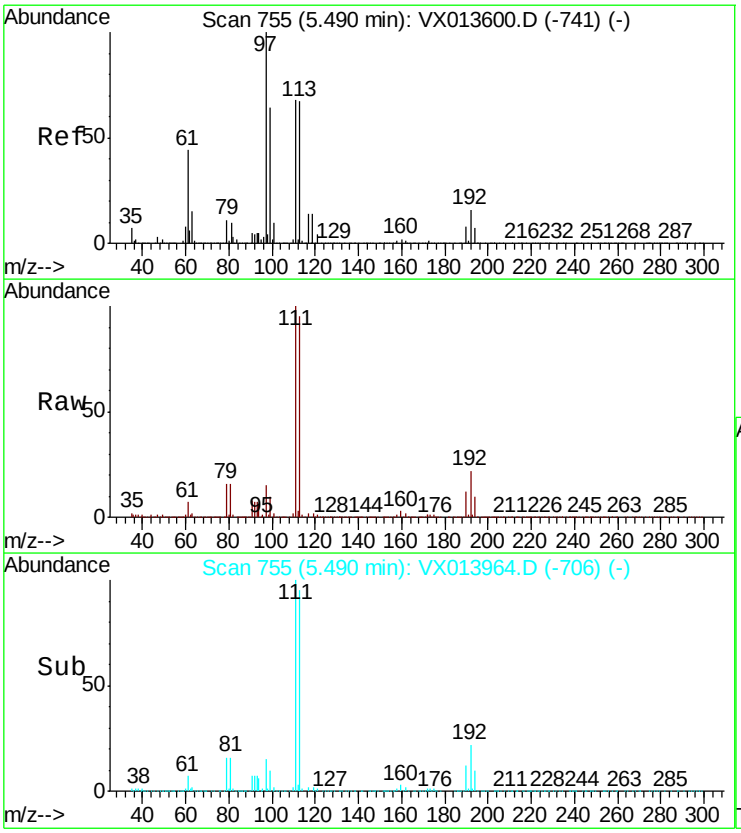
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:114 Resp: 822950

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	15.8	0.0	31.4

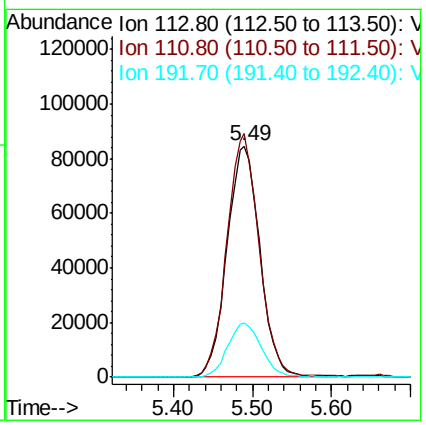


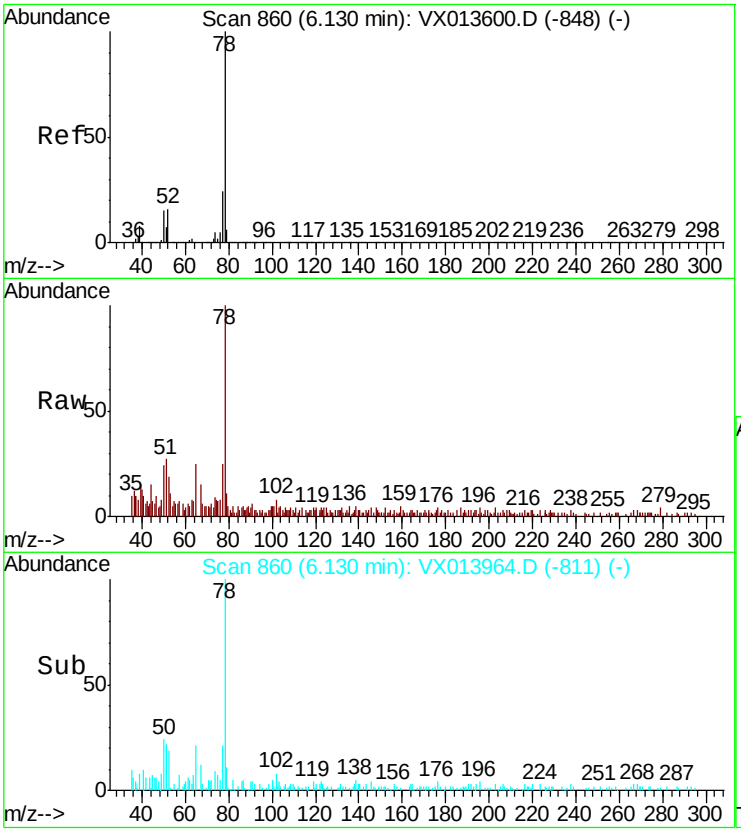


#35
Dibromofluoromethane
Concen: 47.909 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:113 Resp: 243739

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.6	125.4
192	24.2	19.2	28.8



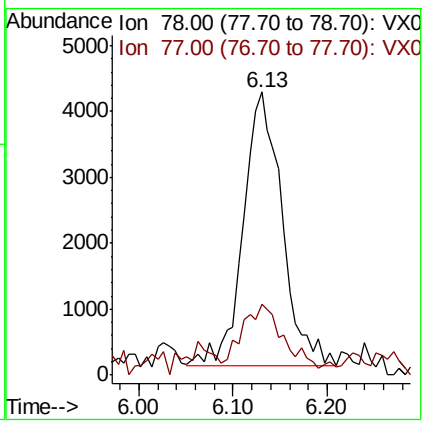


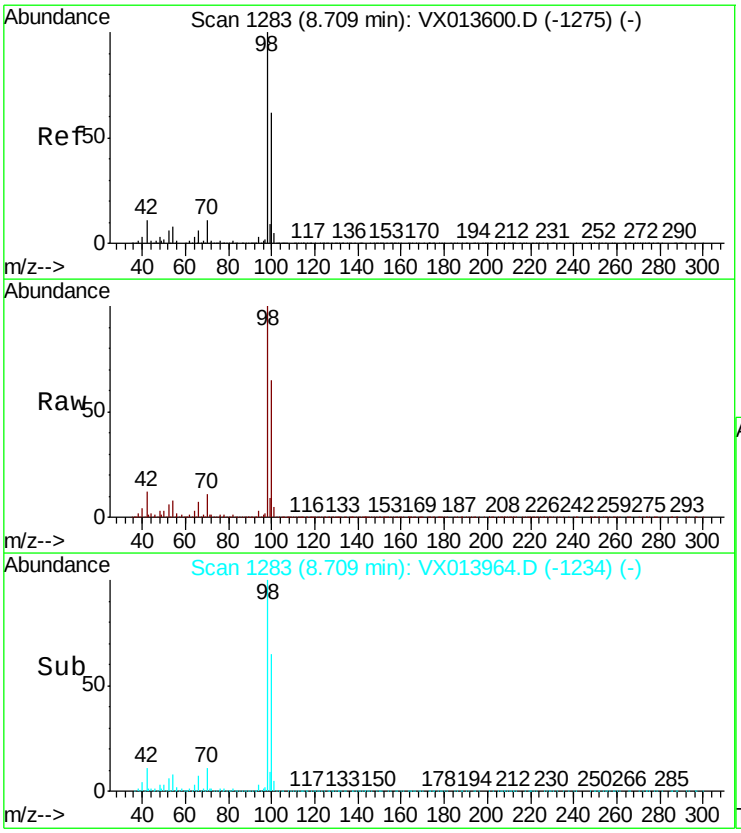
#40
Benzene
Concen: 0.527 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion: 78 Resp: 11992

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.4

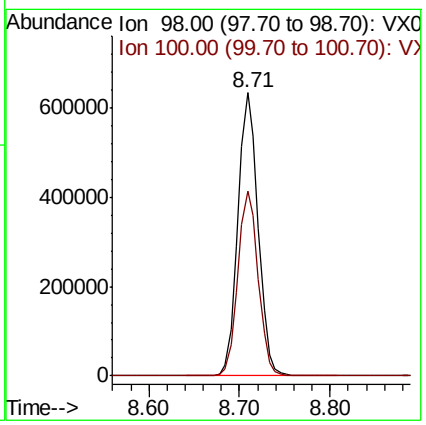


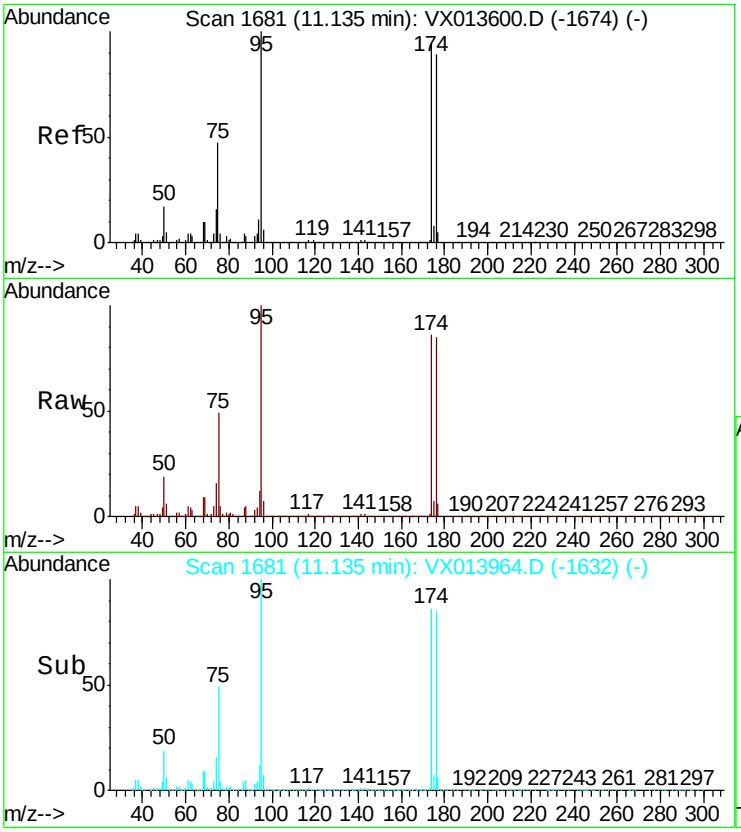


#50
Toluene-d8
Concen: 49.113 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion: 98 Resp: 973507

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7



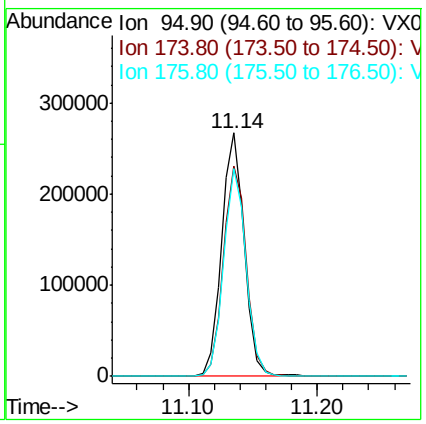


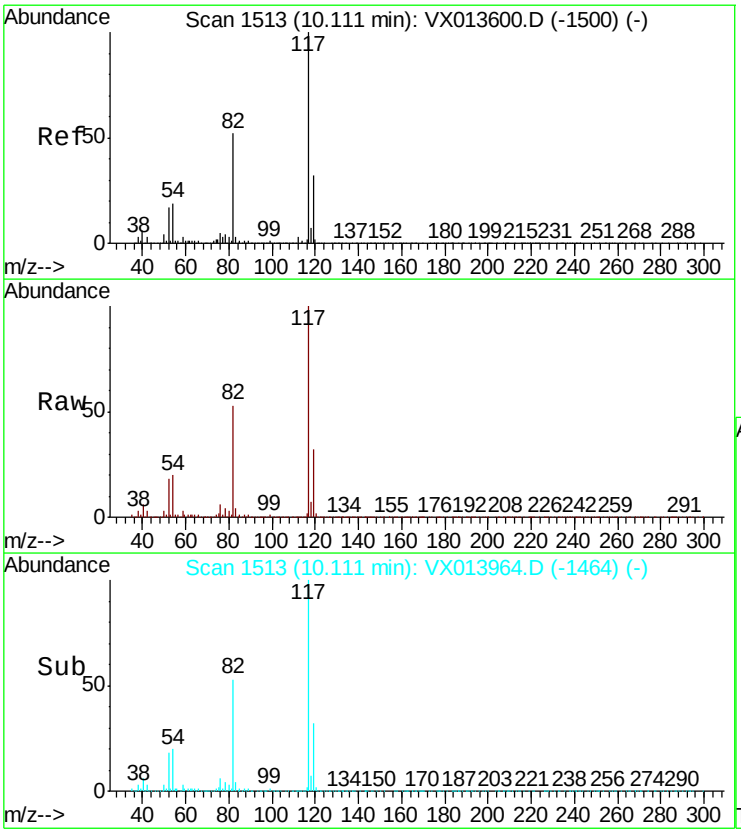
#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion: 95 Resp: 330740

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	180.0
176	84.6	0.0	173.6

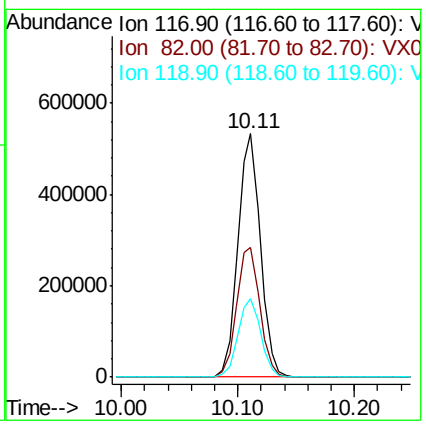


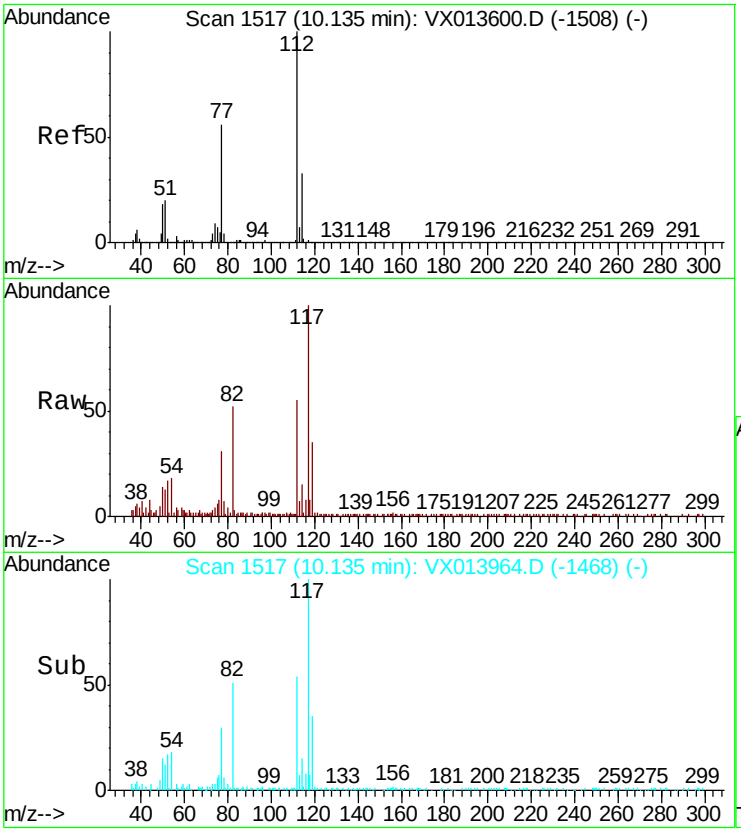


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:117 Resp: 720168

Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.8	62.8
119	32.3	25.8	38.8



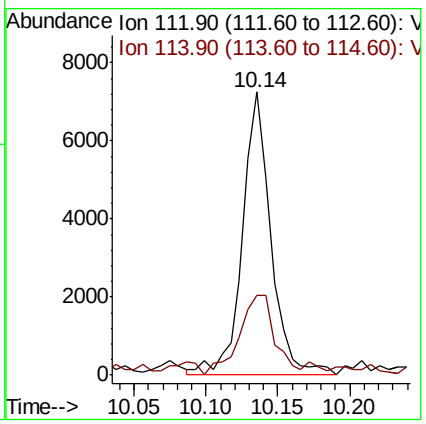


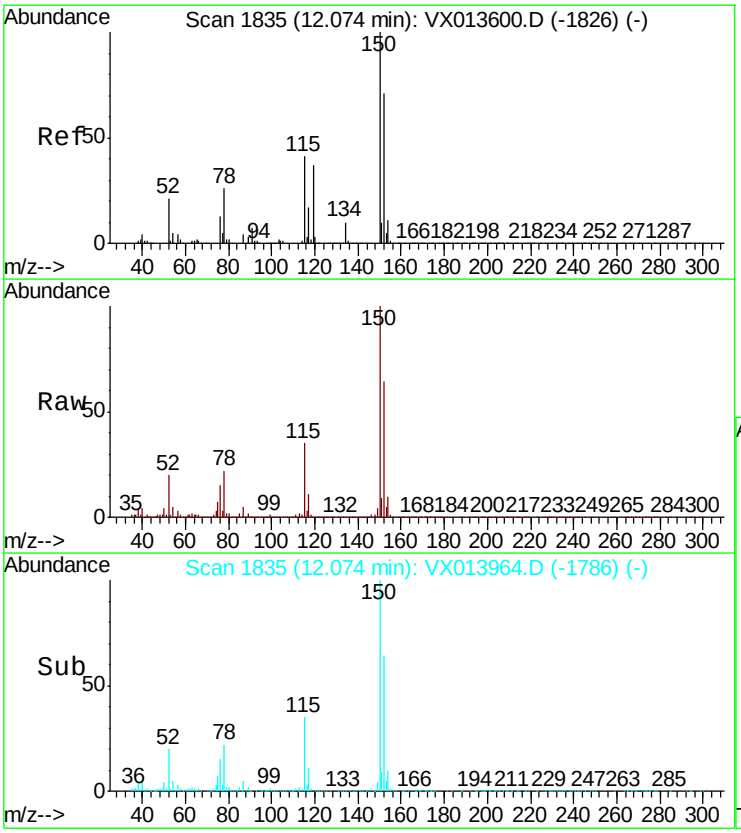
#65
Chlorobenzene
Concen: 0.664 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:112 Resp: 9929

Ion	Ratio	Lower	Upper
112	100		
114	25.0	26.1	39.1#

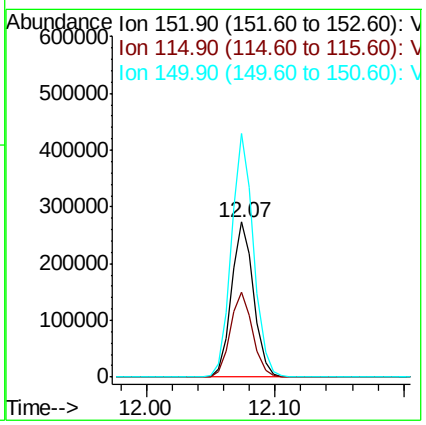


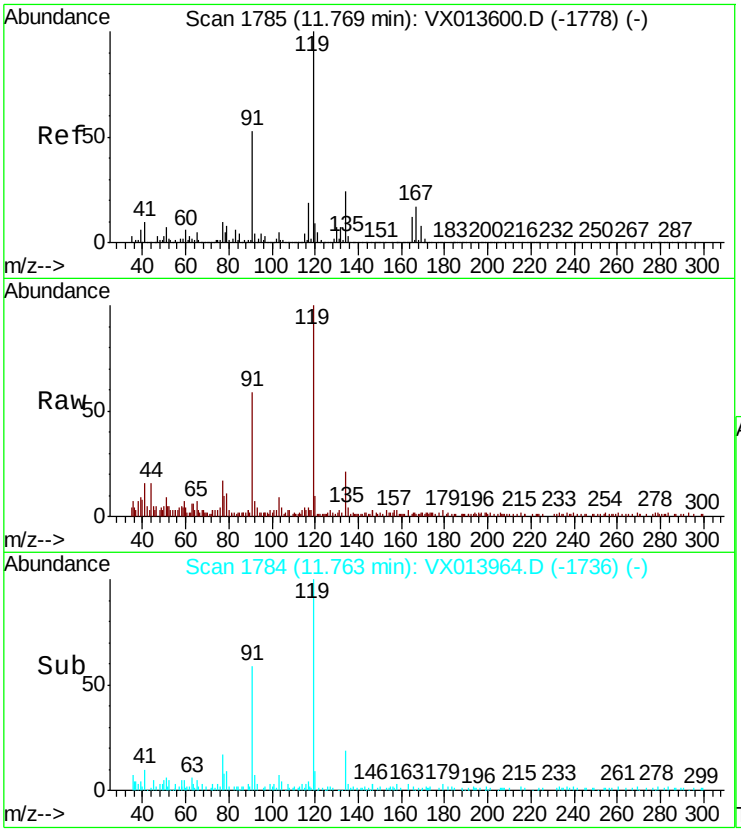


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:152 Resp: 330437

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.4	115.1
150	156.2	0.0	346.8



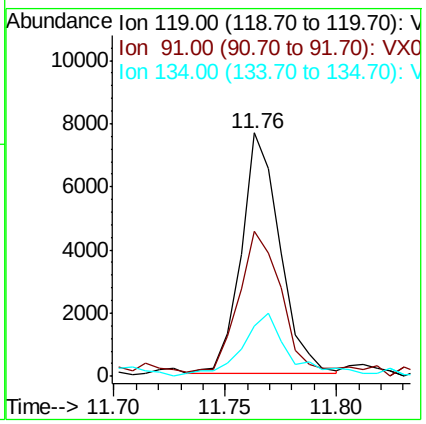


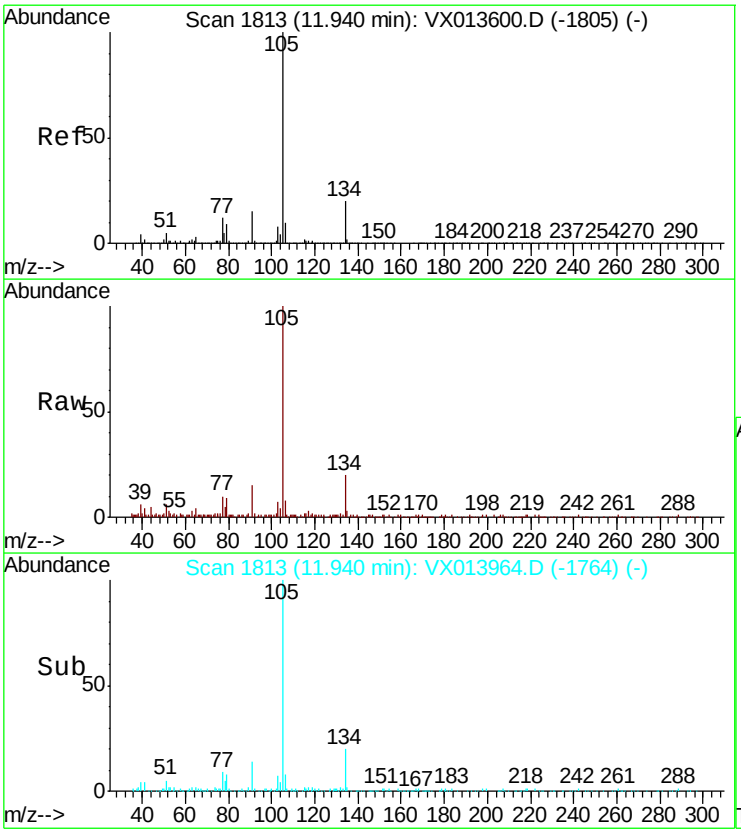
#83
tert-Butylbenzene
Concen: 0.480 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:119 Resp: 9266

Ion	Ratio	Lower	Upper
119	100		
91	63.4	27.2	81.6
134	32.2	11.7	35.1

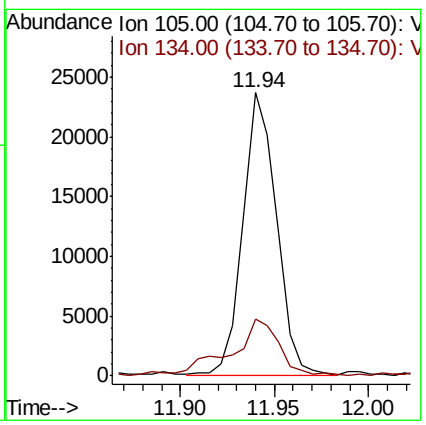


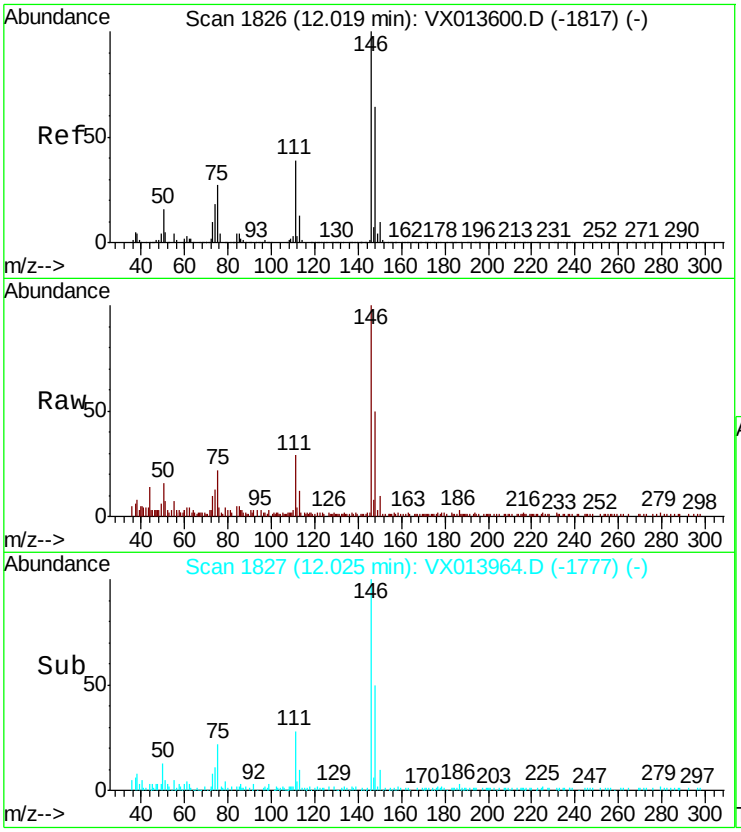


#85
sec-Butylbenzene
Concen: 1.335 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:105 Resp: 29440

Ion	Ratio	Lower	Upper
105	100		
134	29.0	10.4	31.2



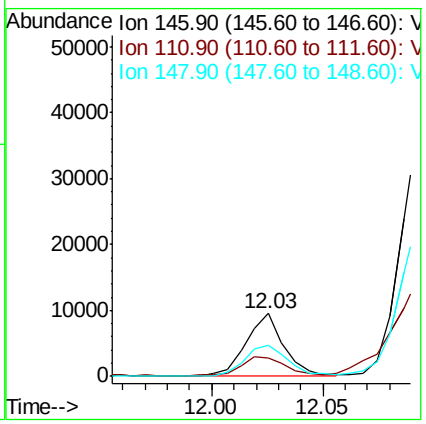


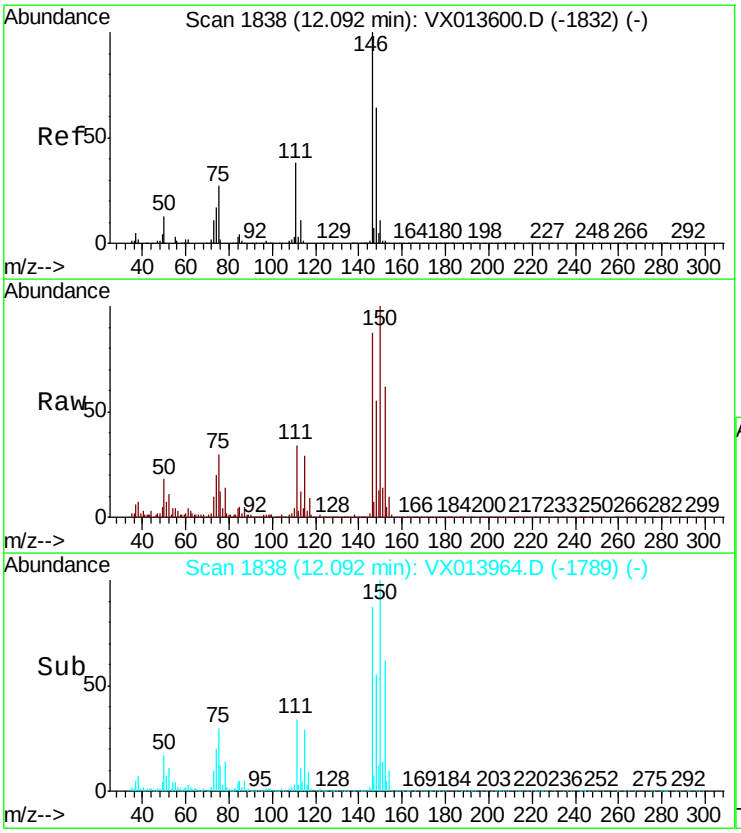
#87
1,3-Dichlorobenzene
Concen: 1.015 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:146 Resp: 11082

Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.0	57.0
148	57.0	31.8	95.4

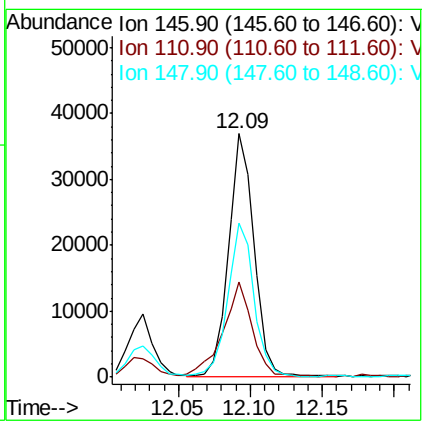


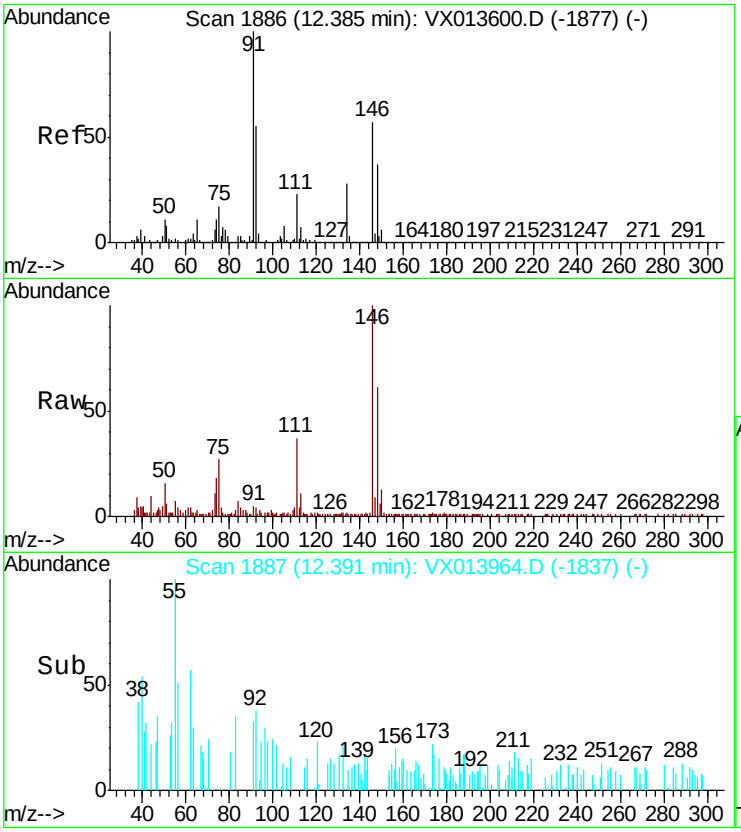


#88
1,4-Dichlorobenzene
Concen: 4.088 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:146 Resp: 45451

Ion	Ratio	Lower	Upper
146	100		
111	46.1	18.9	56.9
148	65.3	31.9	95.5



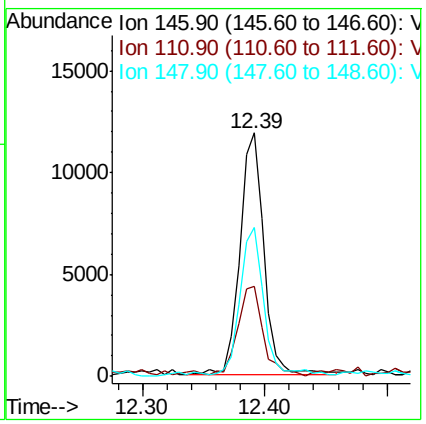


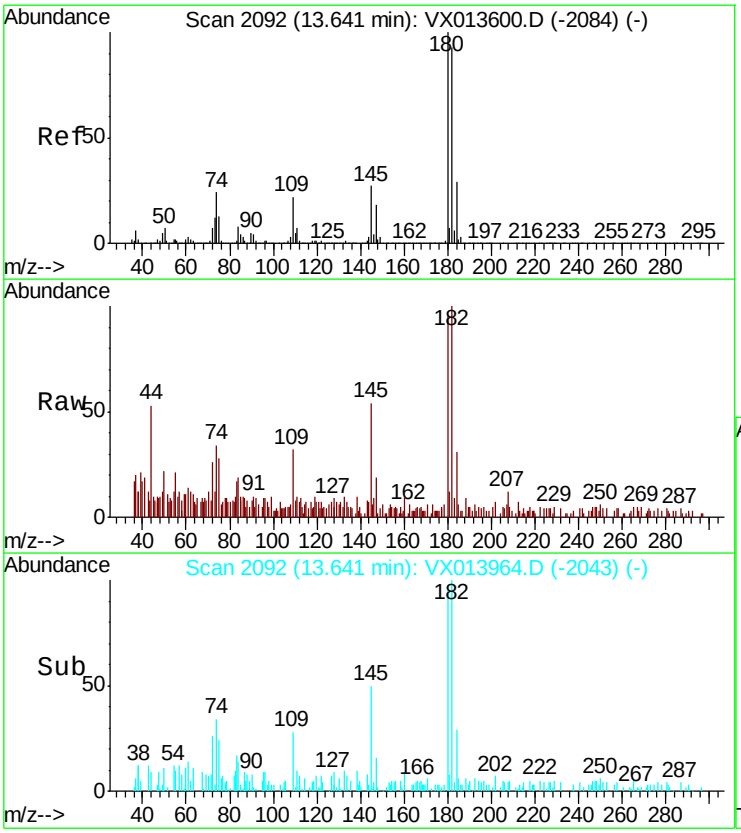
#91
1,2-Dichlorobenzene
Concen: 1.489 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ190I-20191208

Tgt Ion:146 Resp: 16056

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	60.0	31.9	95.7





#93
1,2,4-Trichlorobenzene
Concen: 0.519 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013964.D
Acq: 12 Dec 2019 00:30

Tgt Ion:180 Resp: 3899

Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.2	141.6
145	53.9	13.8	41.4#