Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015021.D
Acq On : 26 Feb 2020 15:22
Operator : JC/SP
Sample : L1683-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-140N-20200225

Quant Time: Feb 27 03:15:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	418064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	657182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	636509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	239881	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
35) Dibromofluoromethane	5.49	113	200989	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.50%			
50) Toluene-d8	8.71	98	792821	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
62) 4-Bromofluorobenzene	11.14	95	298625	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	3247	0.820	ug/l	93
4) Vinyl Chloride	1.41	62	3668	0.759	ug/l #	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2665	0.680	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	8704	2.271	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	10245	2.423	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	306425	64.831	ug/l	90
44) Trichloroethene	7.21	130	1550160	304.016	ug/l	99

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

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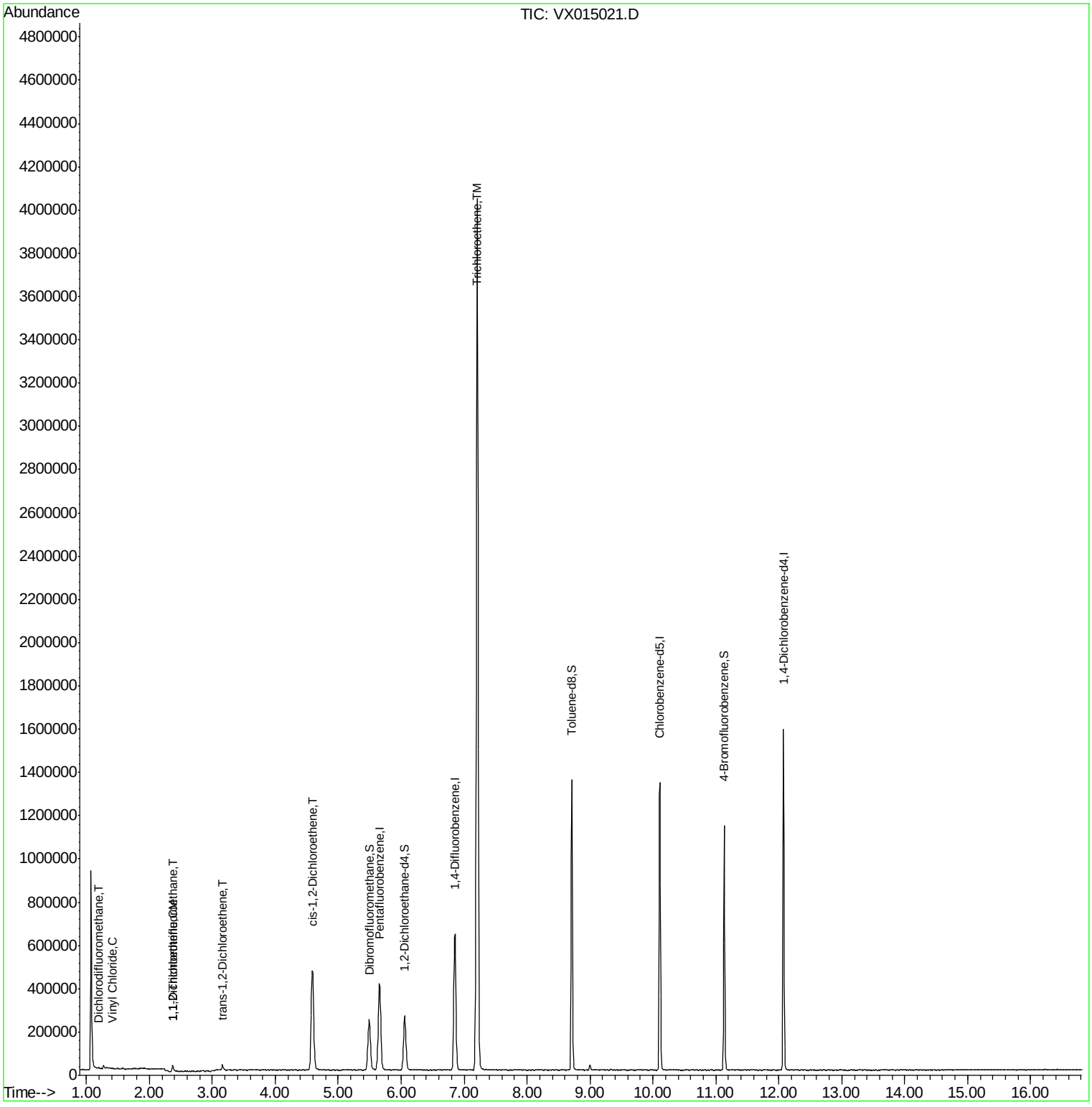
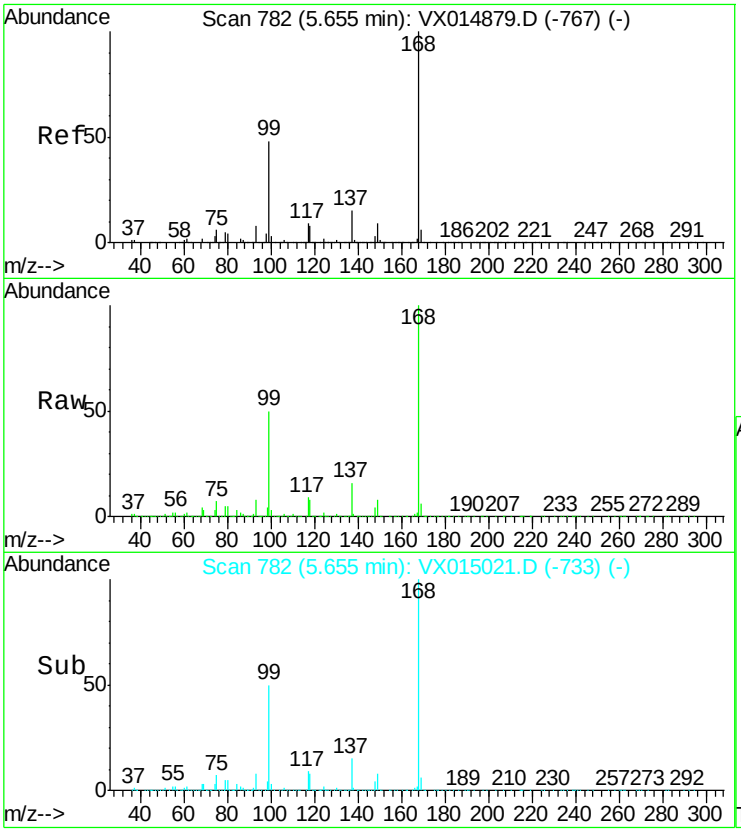


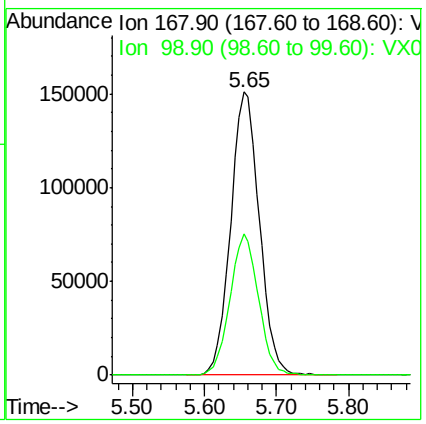


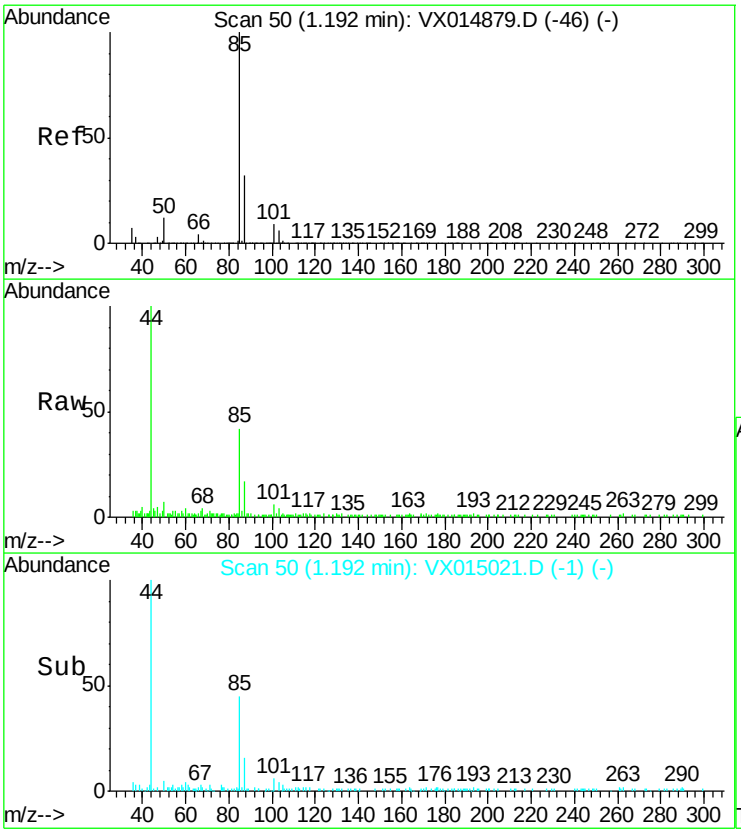
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion:168 Resp: 418064

Ion	Ratio	Lower	Upper
168	100		
99	49.6	38.7	58.1

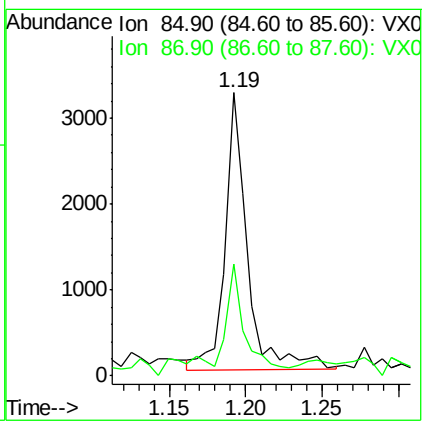


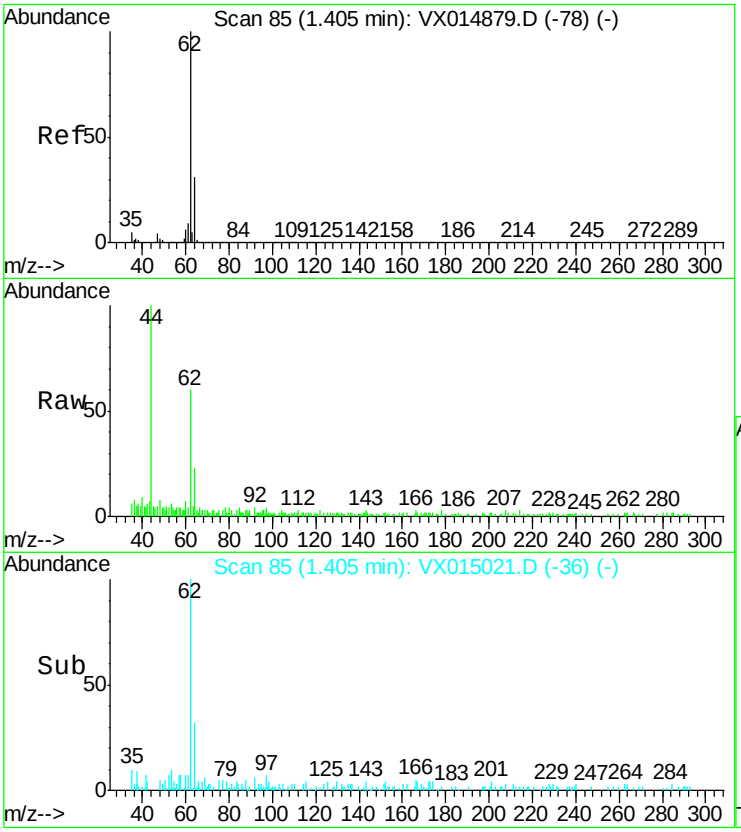


#2
Dichlorodifluoromethane
Concen: 0.820 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion: 85 Resp: 3247

Ion	Ratio	Lower	Upper
85	100		
87	36.2	16.1	48.2



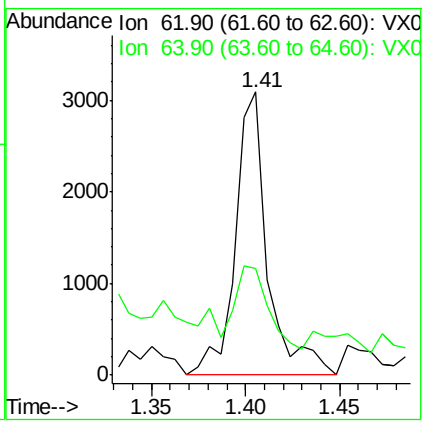


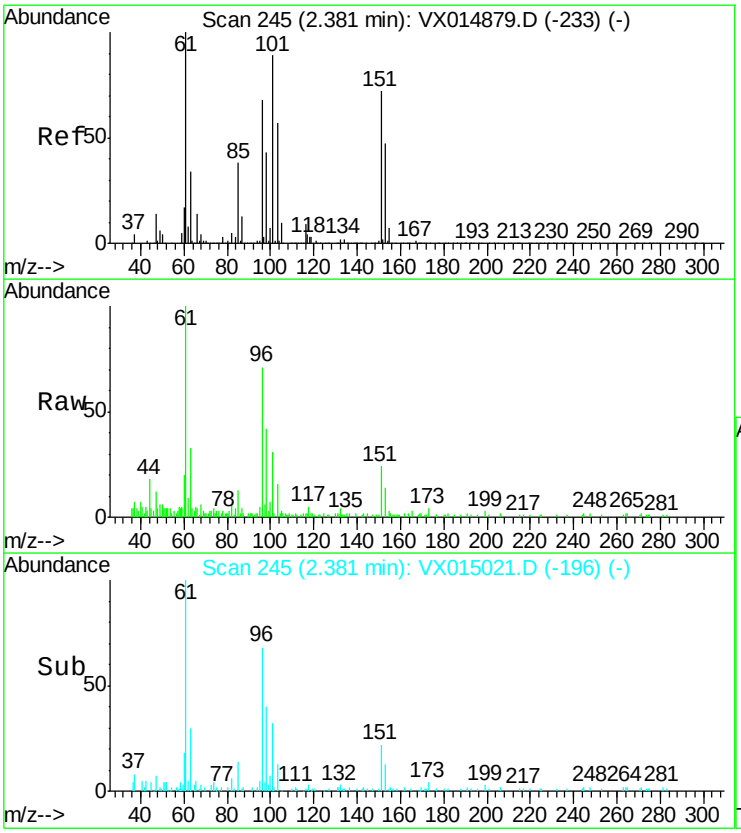
#4
Vinyl Chloride
Concen: 0.759 ug/l
RT: 1.41 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion: 62 Resp: 3668

Ion	Ratio	Lower	Upper
62	100		
64	24.2	24.8	37.2#

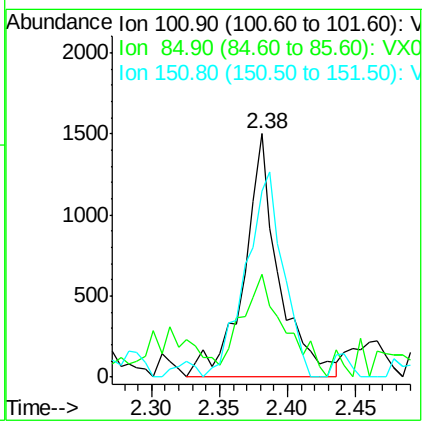


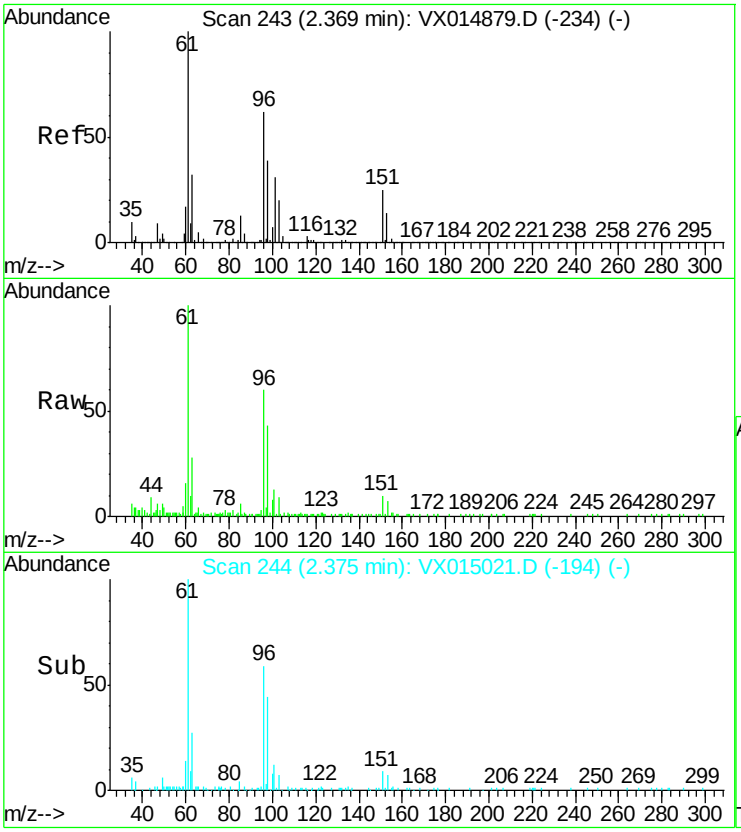


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.680 ug/l
RT: 2.38 min Scan# 245
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion:101 Resp: 2665

Ion	Ratio	Lower	Upper
101	100		
85	52.6	34.1	51.1#
151	91.3	67.3	100.9



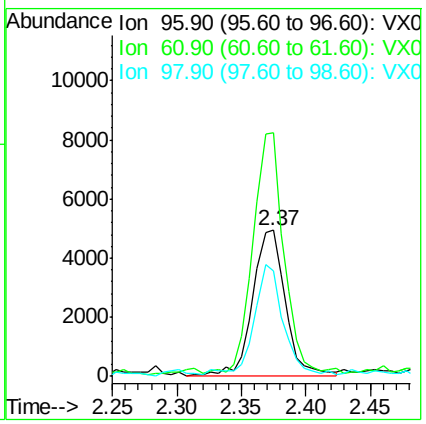


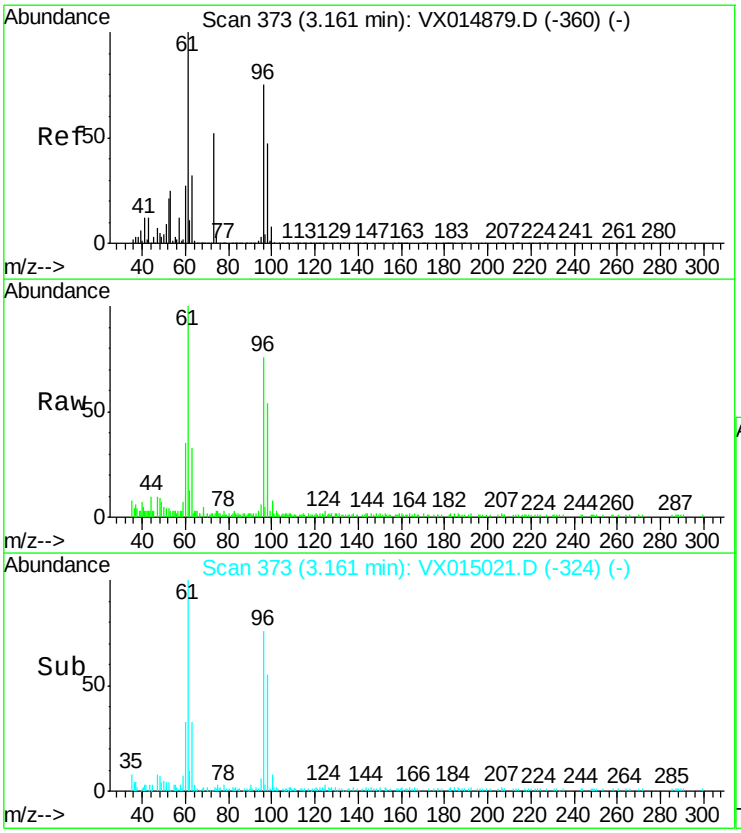
#12
1,1-Dichloroethene
Concen: 2.271 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion: 96 Resp: 8704

Ion	Ratio	Lower	Upper
96	100		
61	161.6	129.5	194.3
98	70.4	50.6	76.0

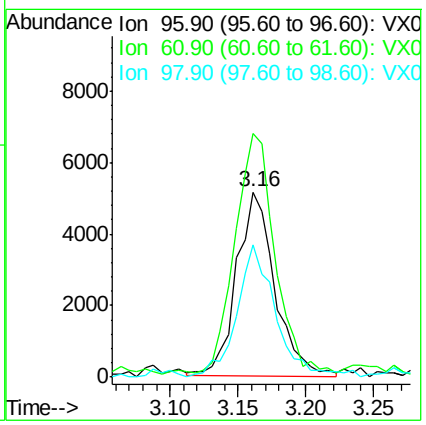


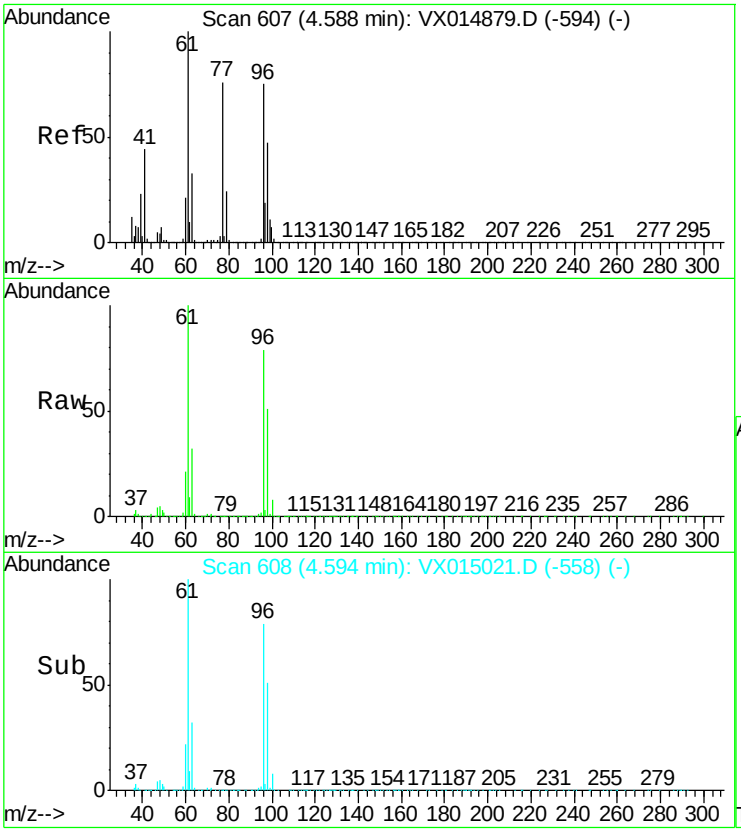


#21
trans-1,2-Dichloroethene
Concen: 2.423 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion: 96 Resp: 10245

Ion	Ratio	Lower	Upper
96	100		
61	132.1	106.9	160.3
98	73.2	50.7	76.1



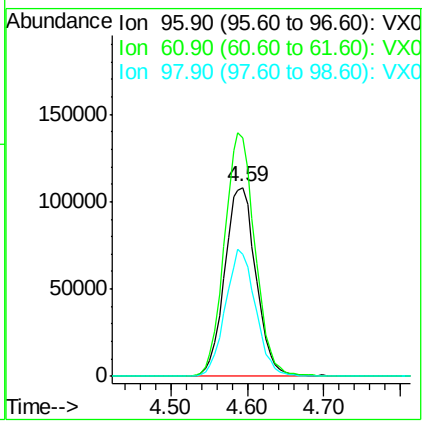


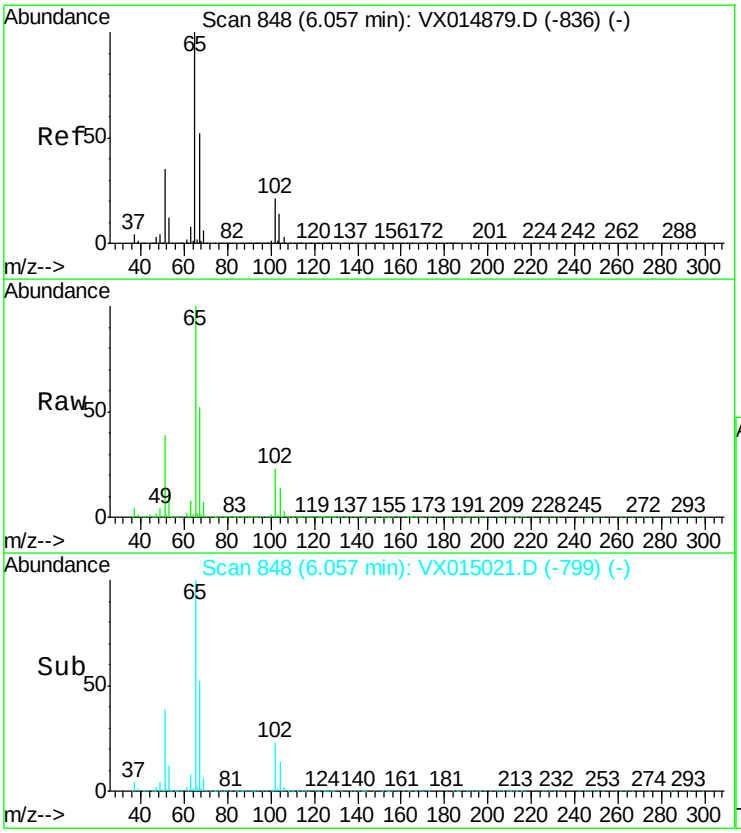
#27
cis-1,2-Dichloroethene
Concen: 64.831 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion: 96 Resp: 306425

Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	286.2
98	64.4	0.0	131.0

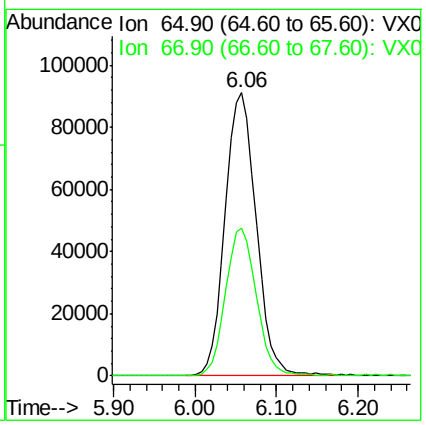


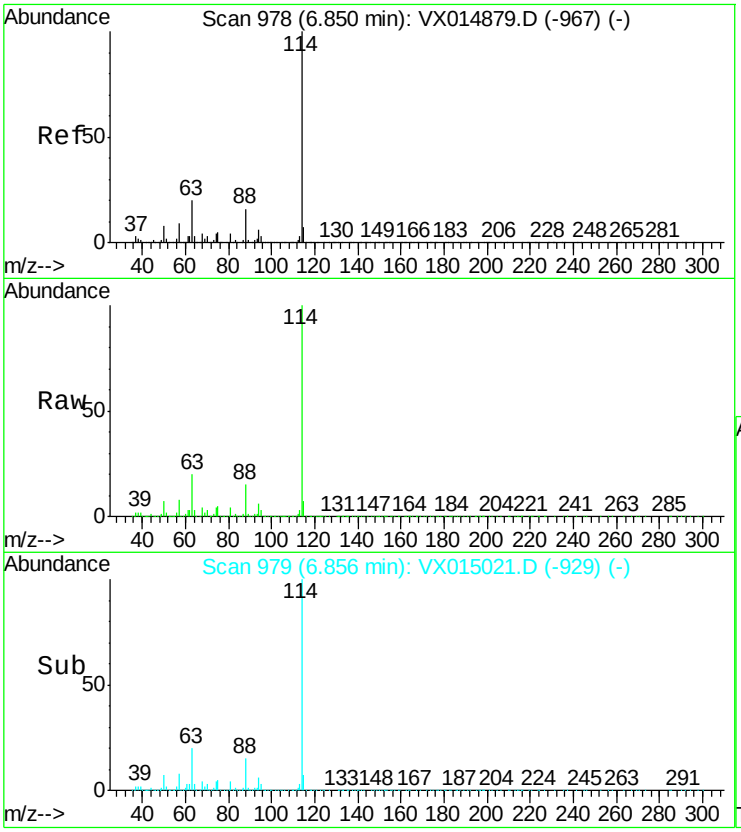


#33
1,2-Dichloroethane-d4
Concen: 50.842 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion: 65 Resp: 239881

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



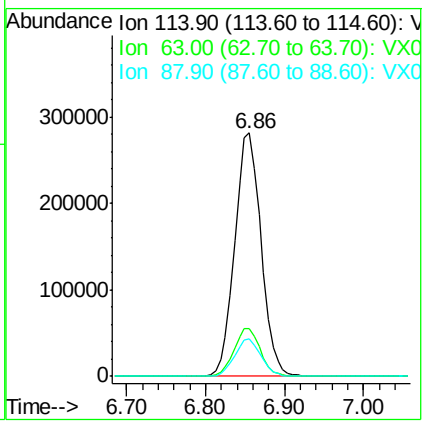


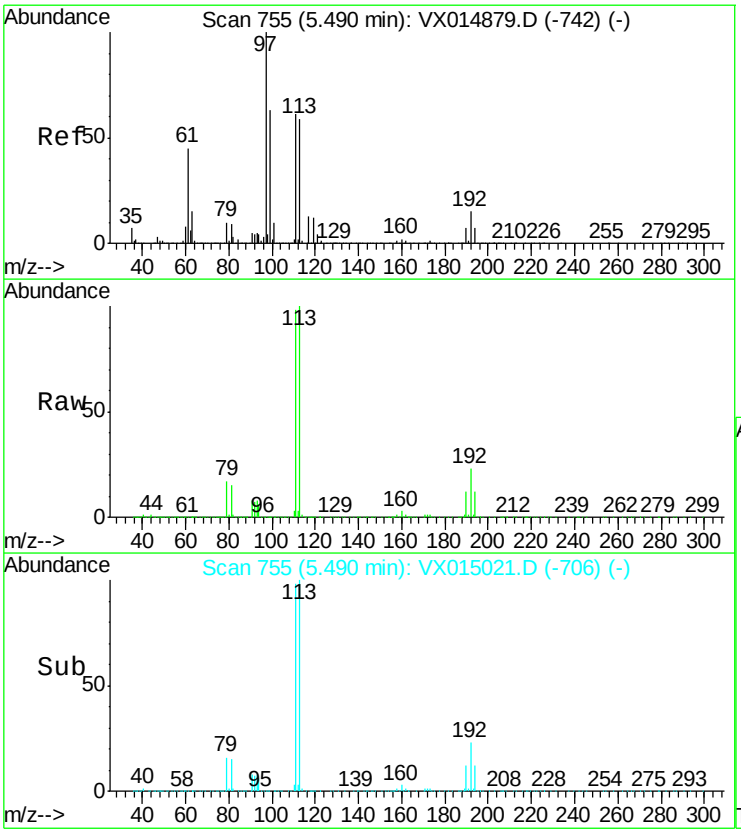
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion:114 Resp: 657182

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.2
88	15.3	0.0	32.0

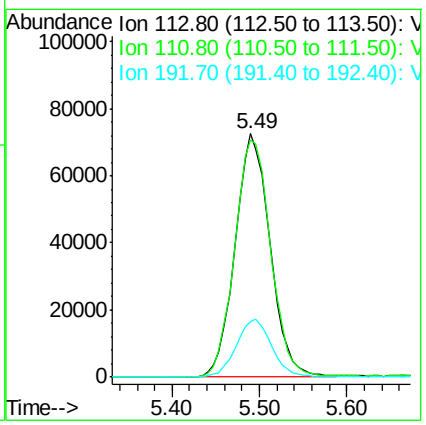


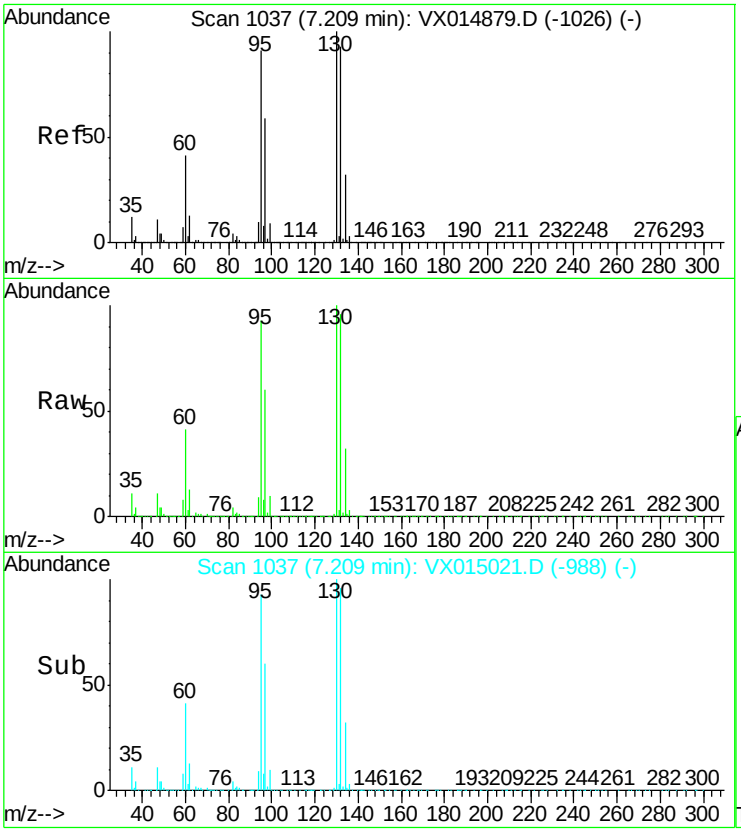


#35
Dibromofluoromethane
Concen: 49.747 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion:113 Resp: 200989

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	24.2	19.1	28.7



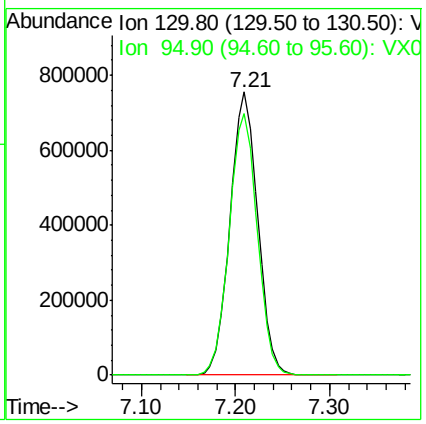


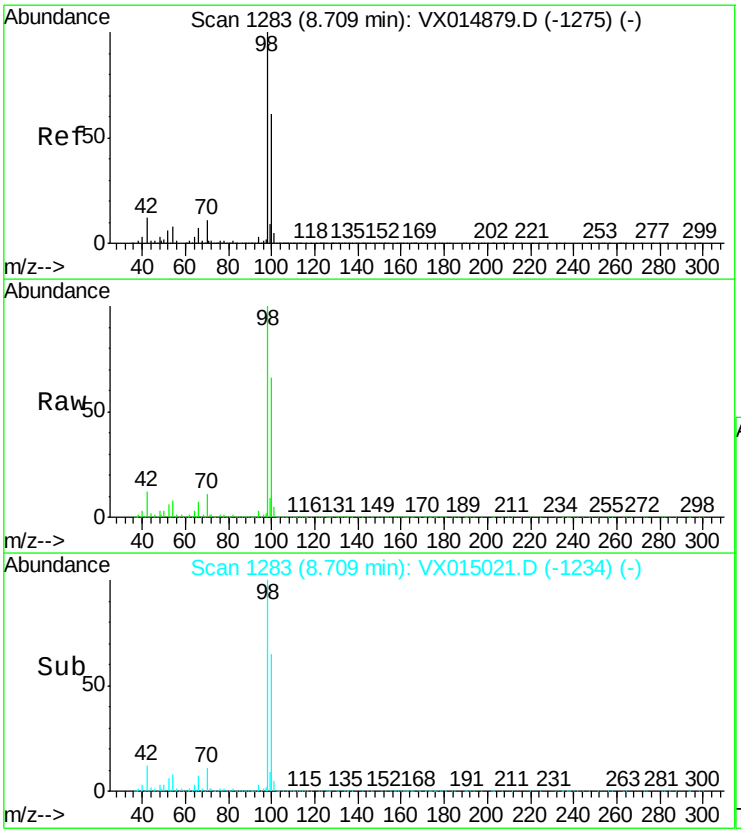
#44
Trichloroethene
Concen: 304.016 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion:130 Resp: 1550160

Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	182.6

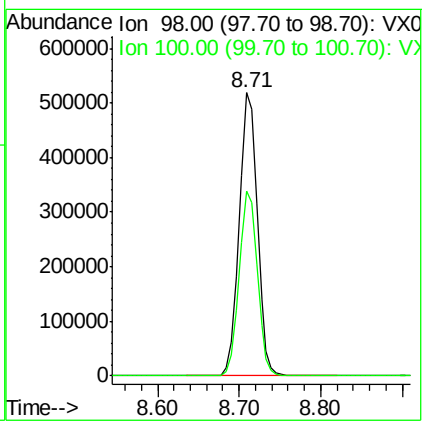


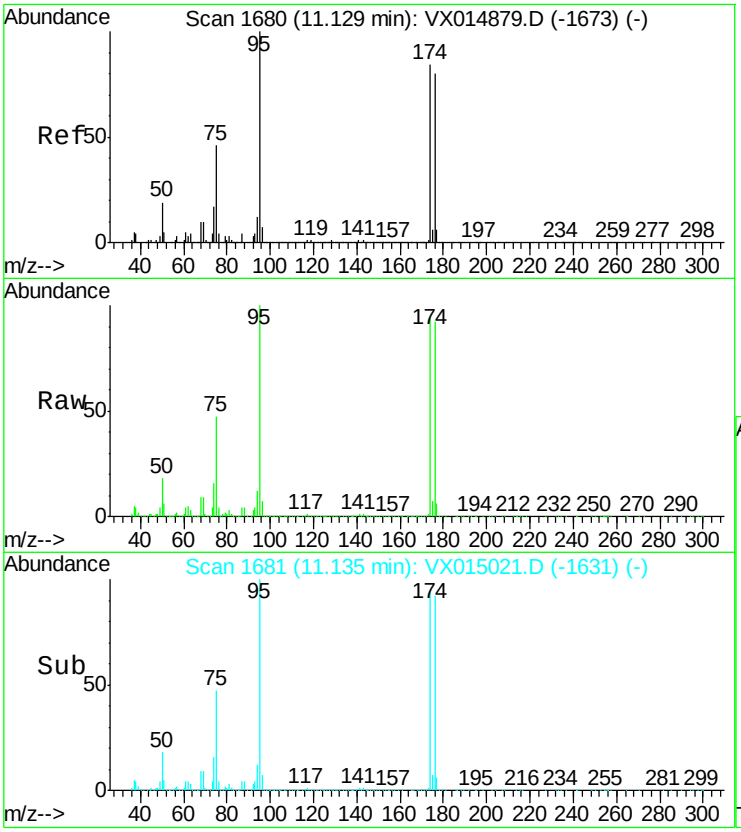


#50
Toluene-d8
Concen: 51.409 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion: 98 Resp: 792821

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6



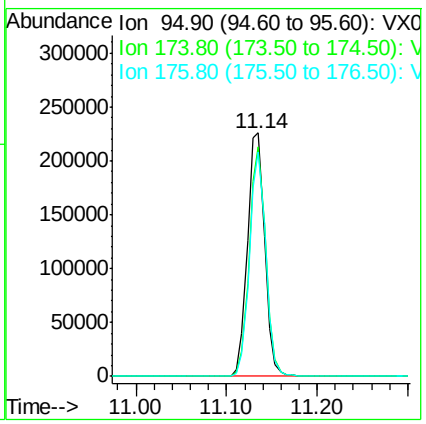


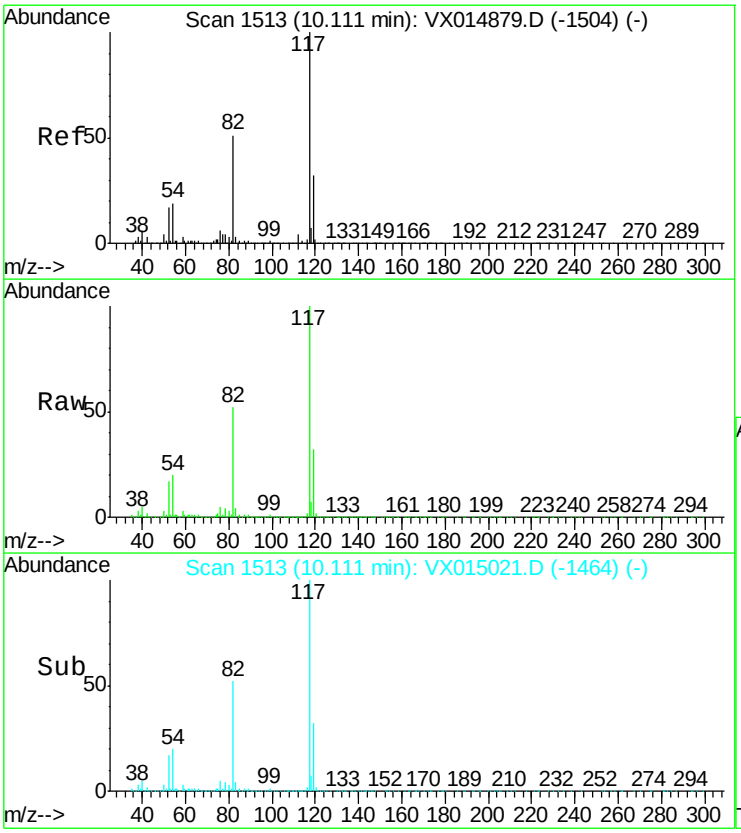
#62
4-Bromofluorobenzene
Concen: 53.754 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion: 95 Resp: 298625

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	183.0
176	86.8	0.0	178.0

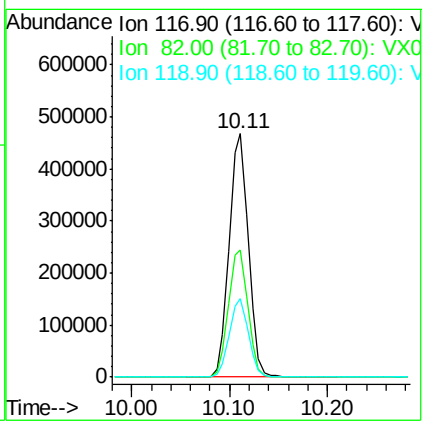


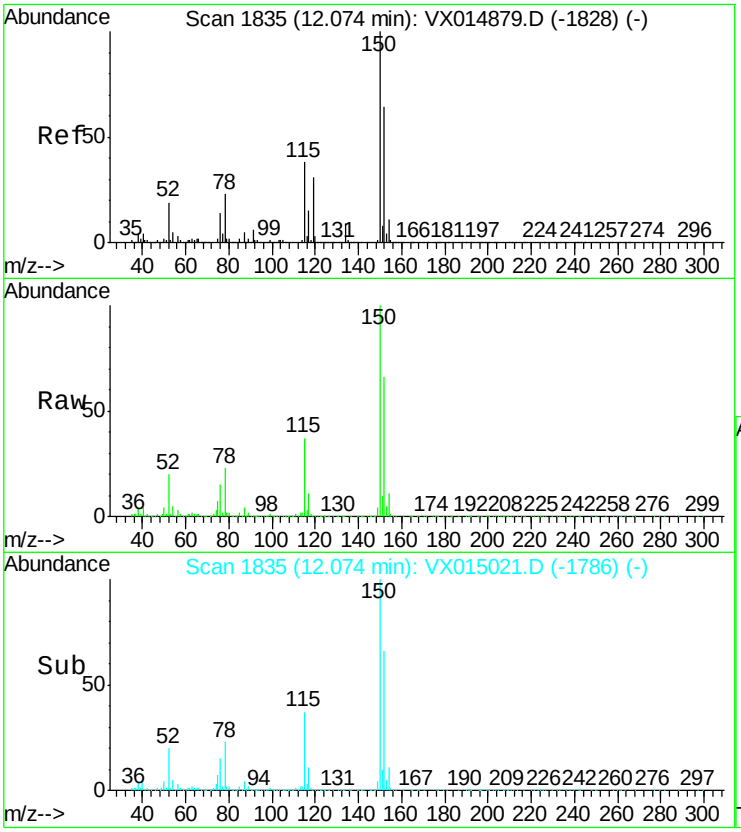


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Tgt Ion:117 Resp: 636509

Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.5	60.7
119	32.2	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015021.D
Acq: 26 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225

Tgt Ion:152 Resp: 326836

Ion	Ratio	Lower	Upper
152	100		
115	56.4	38.6	116.0
150	157.0	0.0	349.0