Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092619\
Data File : VX012683.D
Acq On : 26 Sep 2019 18:47
Operator : JC/SP
Sample : K5049-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2R

Quant Time: Sep 27 01:32:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117703	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.48%		
35) Dibromofluoromethane	5.49	113	84310	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.42%		
50) Toluene-d8	8.71	98	328114	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.50%		
62) 4-Bromofluorobenzene	11.14	95	106259	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.42%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.03	59	167453	286.110	ug/l	100
16) Acetone	2.43	43	7414	5.974	ug/l #	88
19) Methyl tert-butyl Ether	3.19	73	116054	17.724	ug/l	97
85) sec-Butylbenzene	11.94	105	7842	1.269	ug/l #	69

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

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Misc : 5.0mL/MSVOA X/WATER
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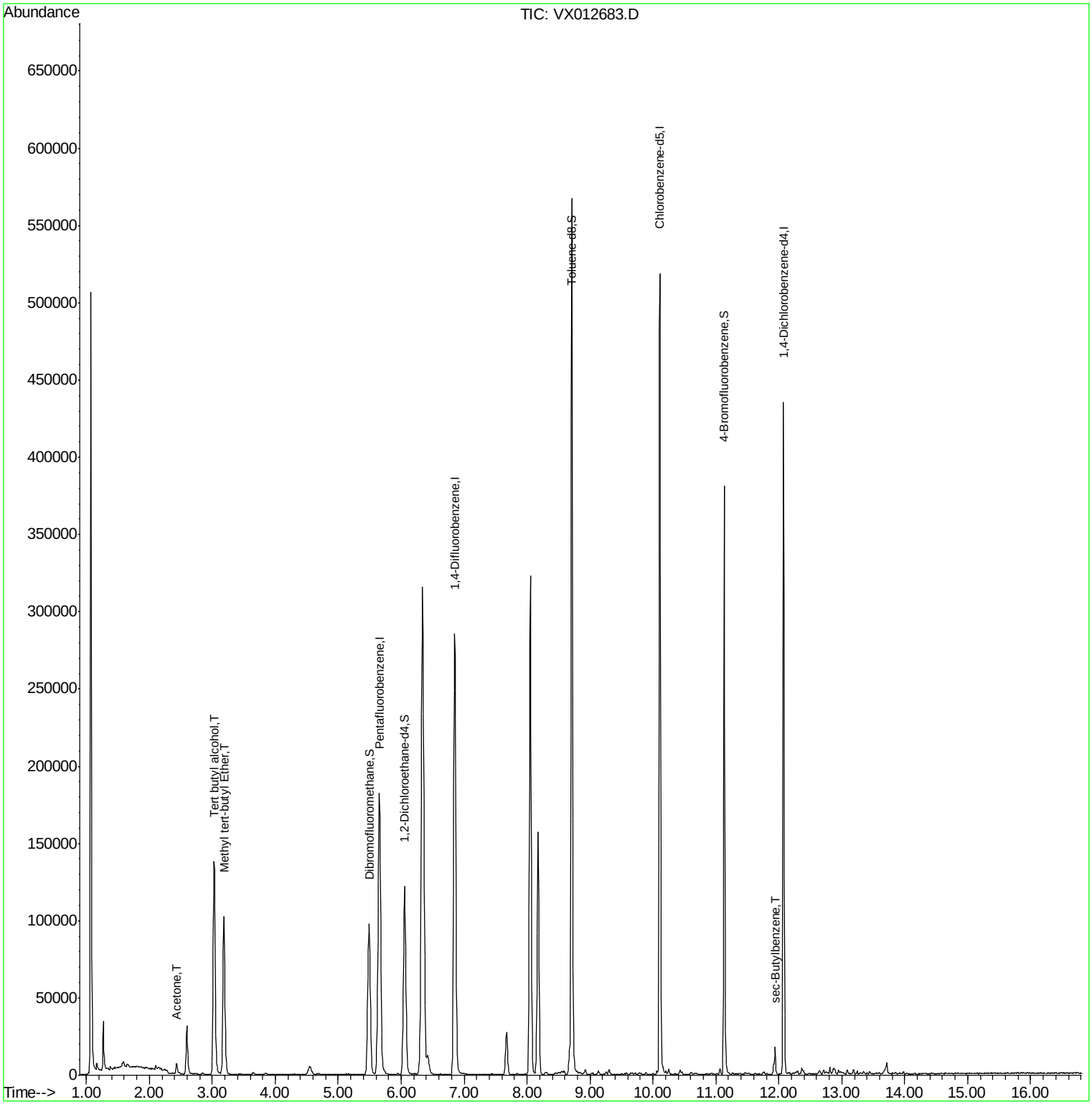
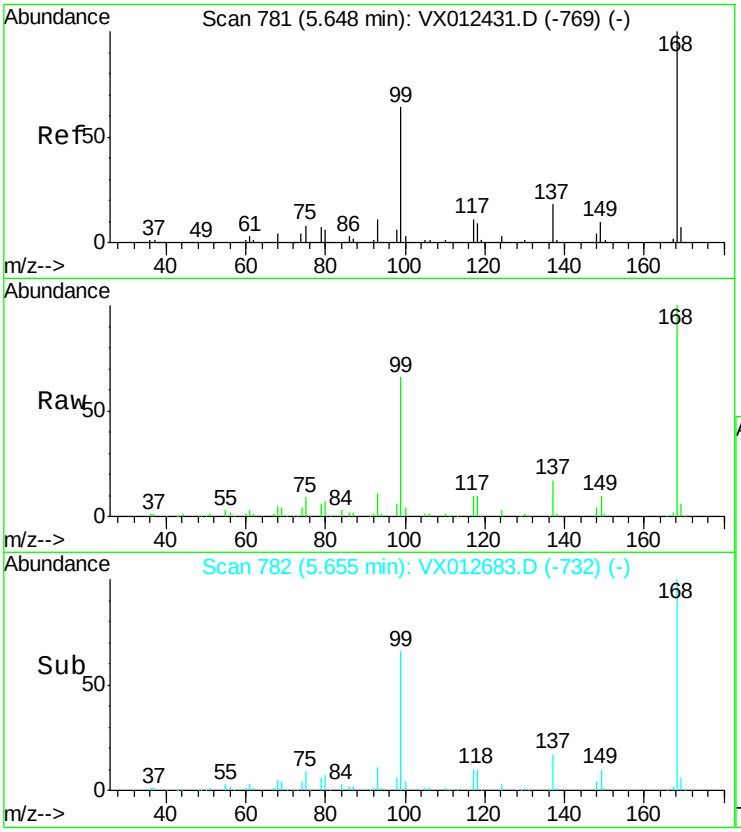


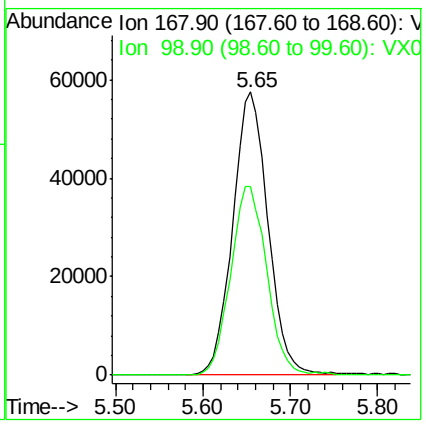


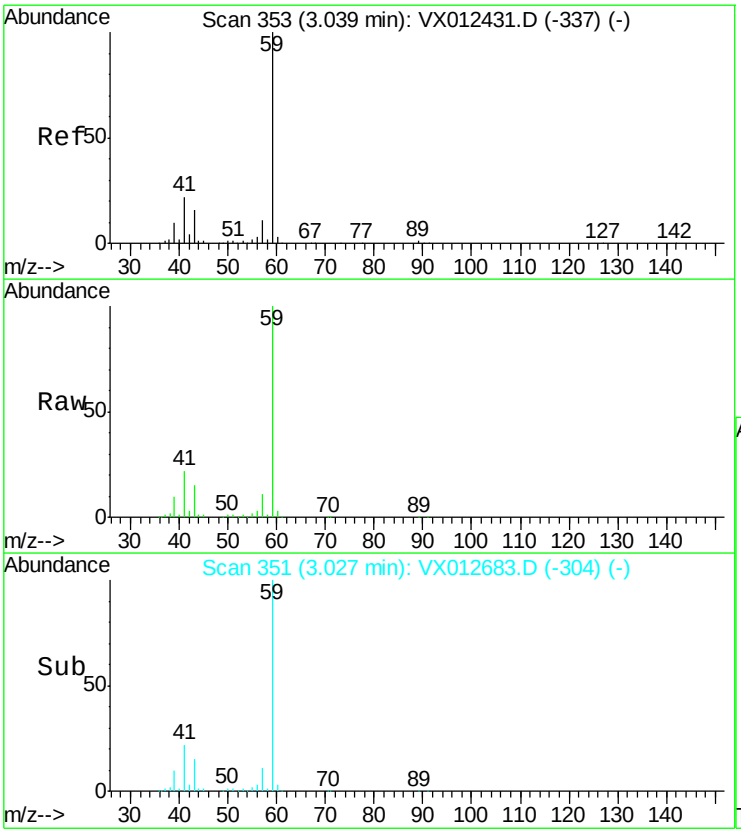
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:168 Resp: 160893

Ion	Ratio	Lower	Upper
168	100		
99	66.2	51.4	77.2

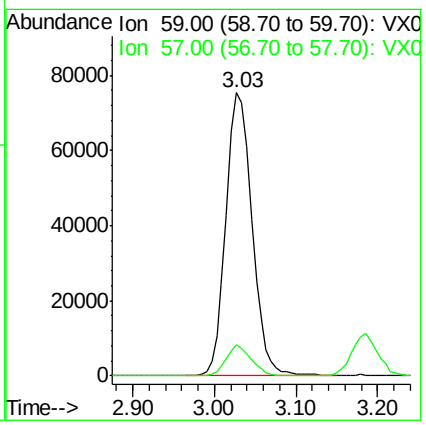


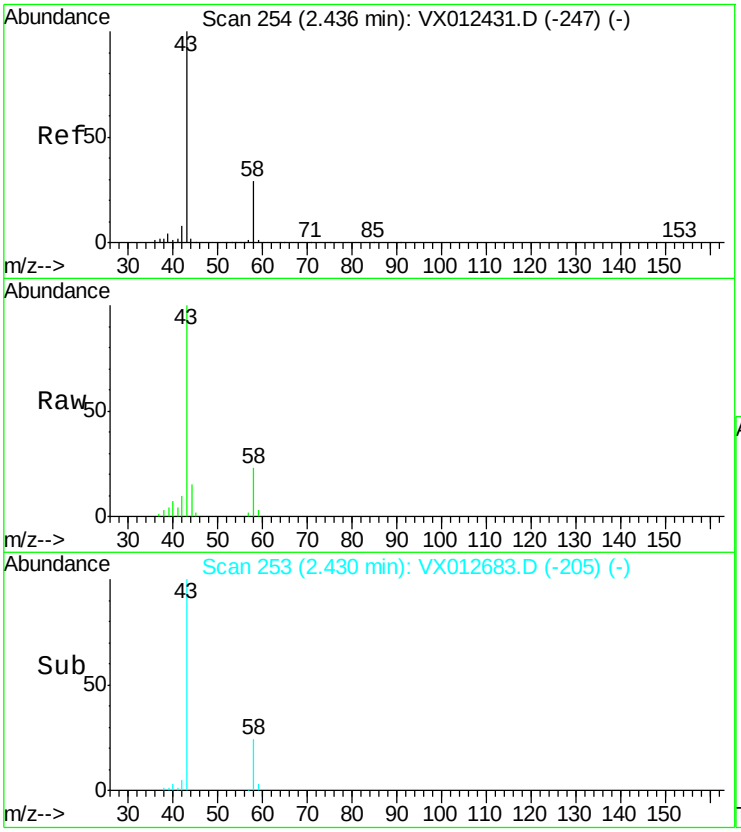


#11
Tert butyl alcohol
Concen: 286.110 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 59 Resp: 167453

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



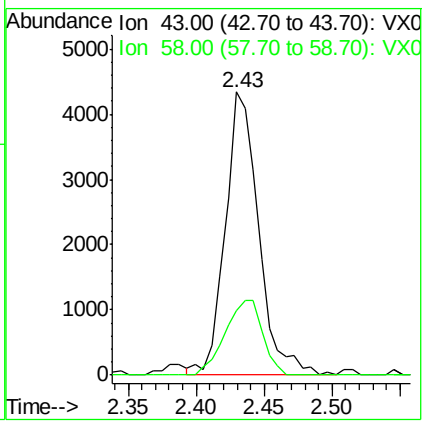


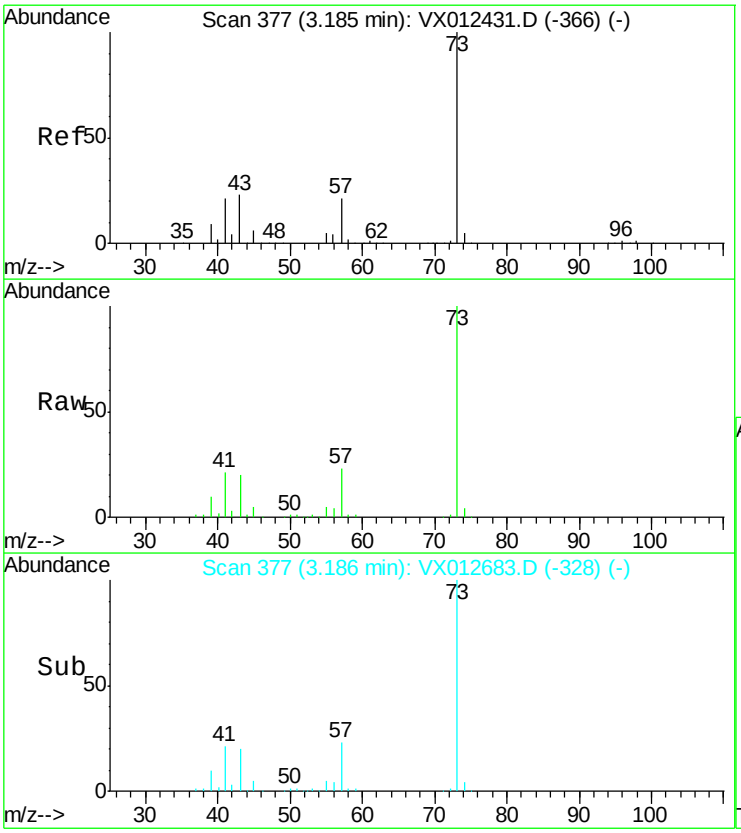
#16
Acetone
Concen: 5.974 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 43 Resp: 7414

Ion	Ratio	Lower	Upper
43	100		
58	22.7	23.3	34.9#

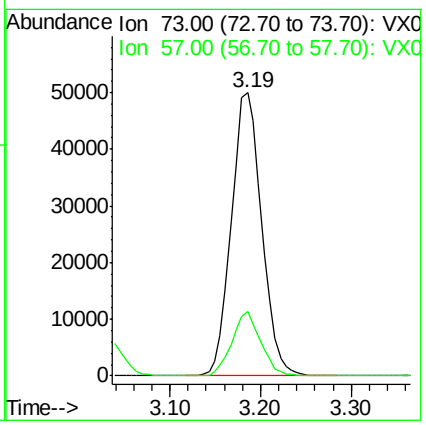


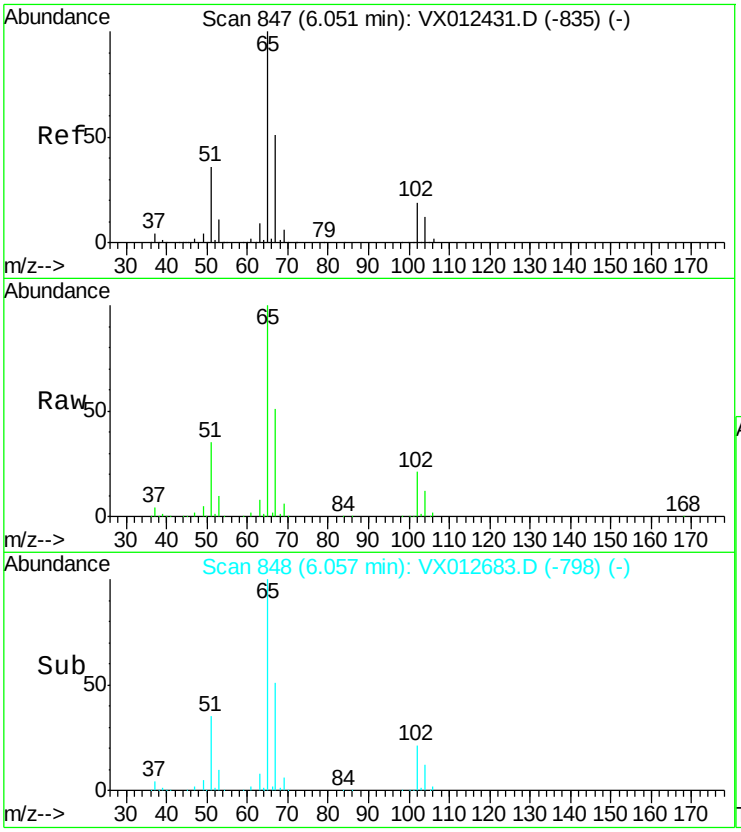


#19
Methyl tert-butyl Ether
Concen: 17.724 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 73 Resp: 116054

Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2



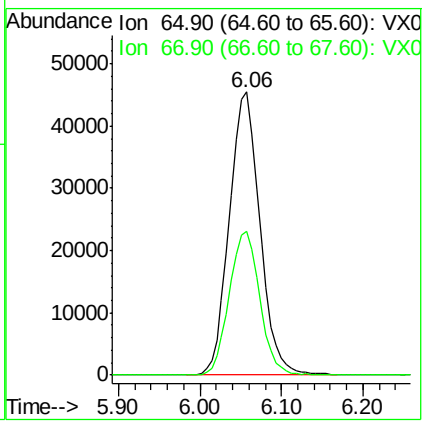


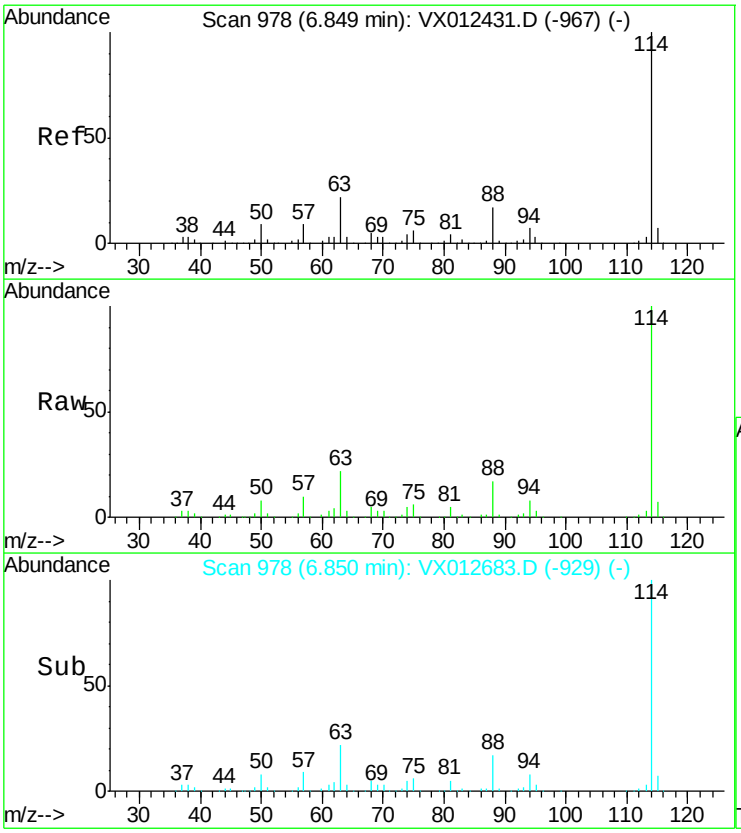
#33
1,2-Dichloroethane-d4
Concen: 50.238 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 65 Resp: 117703

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.2

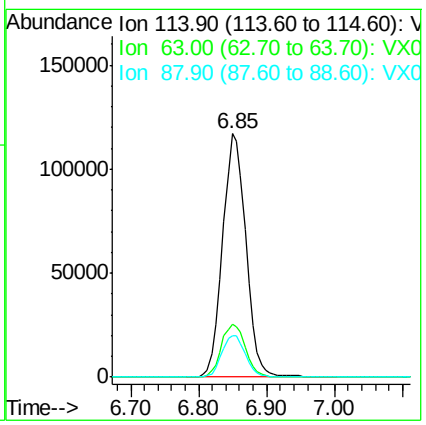


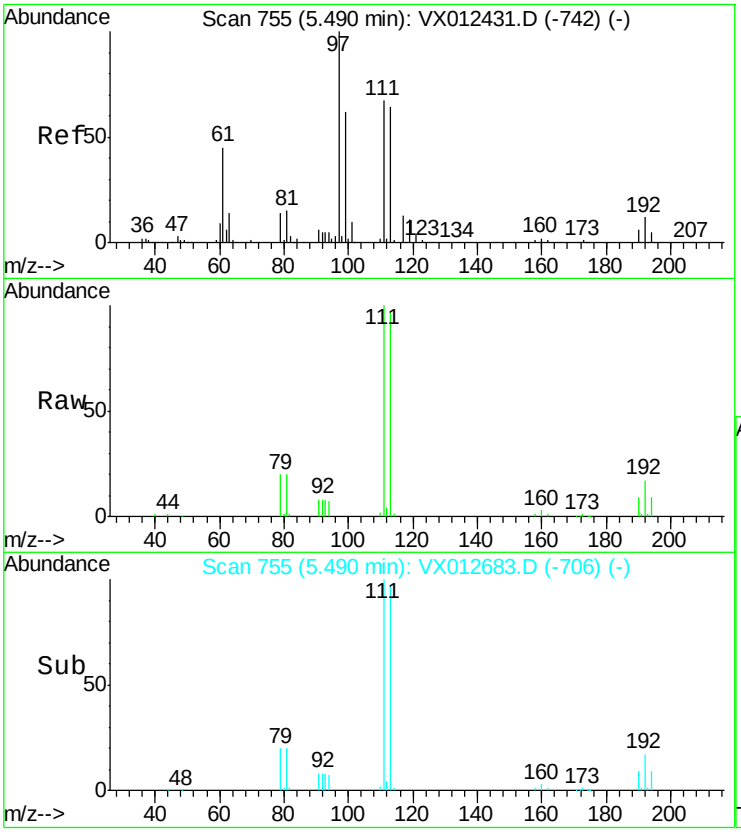


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion:114 Resp: 279160

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	17.1	0.0	33.2



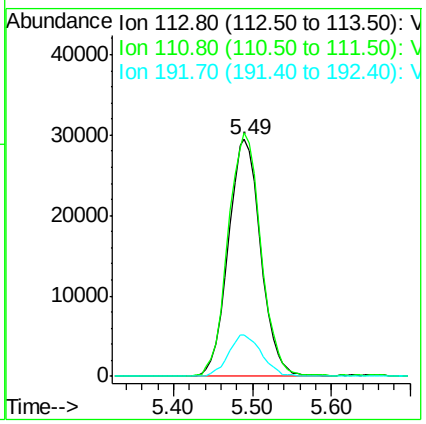


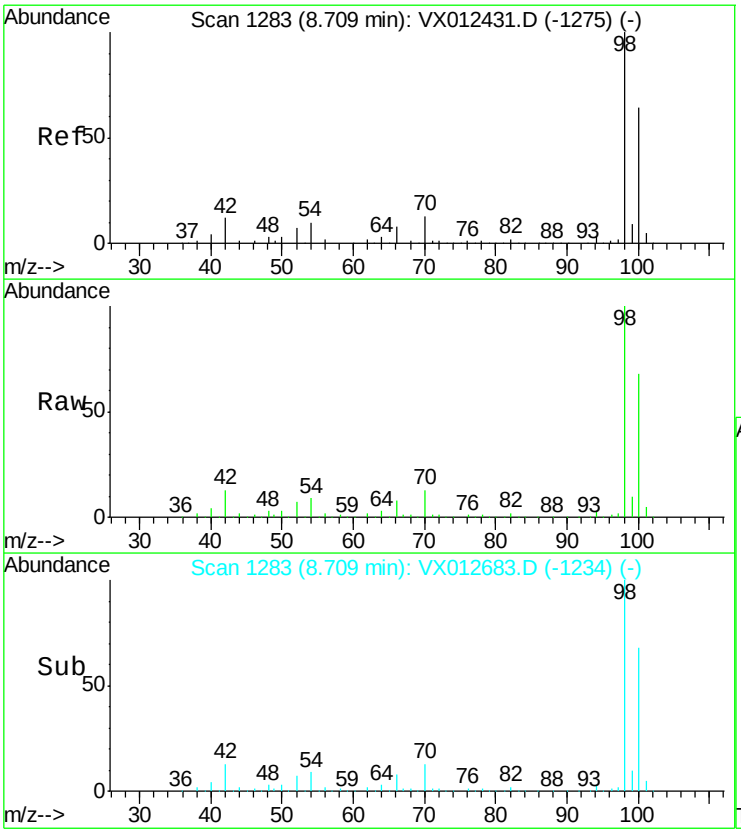
#35
Dibromofluoromethane
Concen: 50.712 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:113 Resp: 84310

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	17.8	14.4	21.6

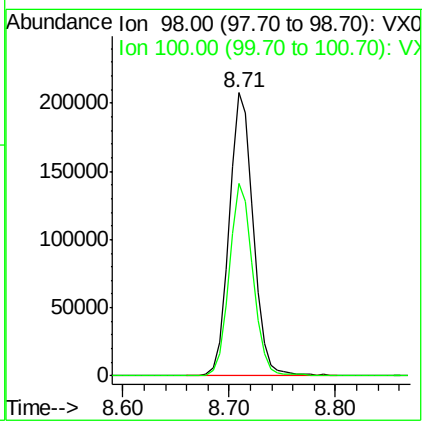


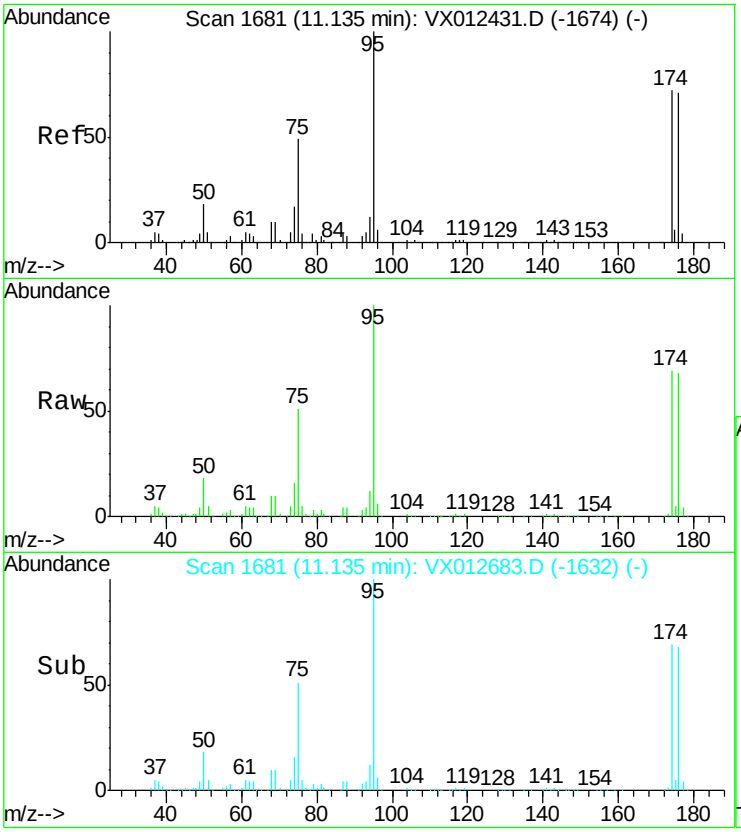


#50
Toluene-d8
Concen: 51.248 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion: 98 Resp: 328114

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2



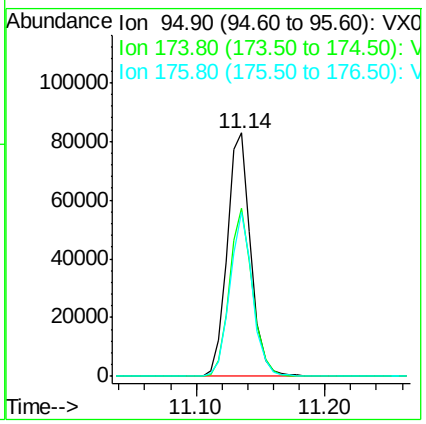


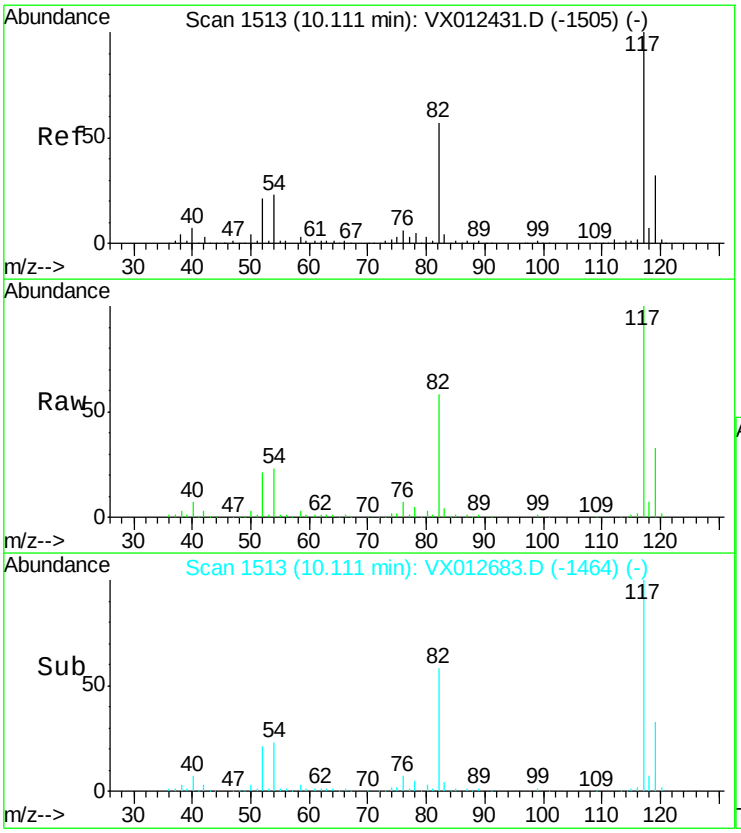
#62
4-Bromofluorobenzene
Concen: 42.209 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 95 Resp: 106259

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	140.0
176	64.9	0.0	135.4

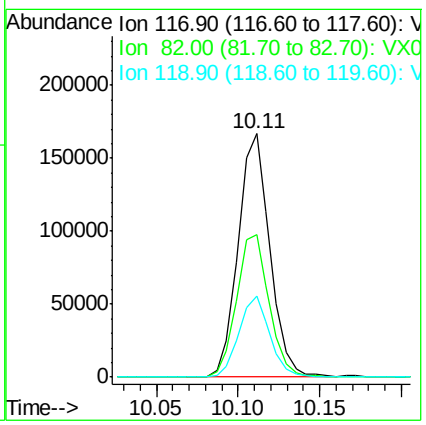


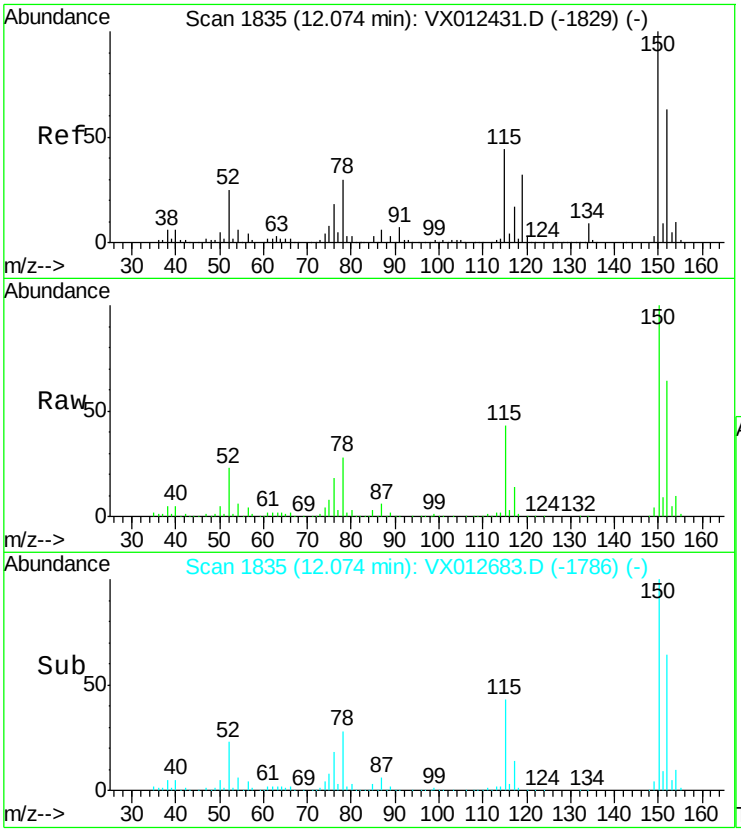


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion:117 Resp: 225759

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	33.2	25.3	37.9



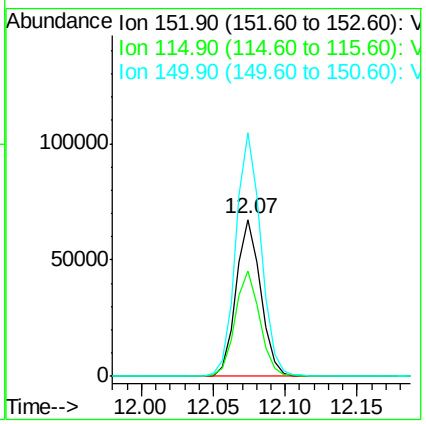


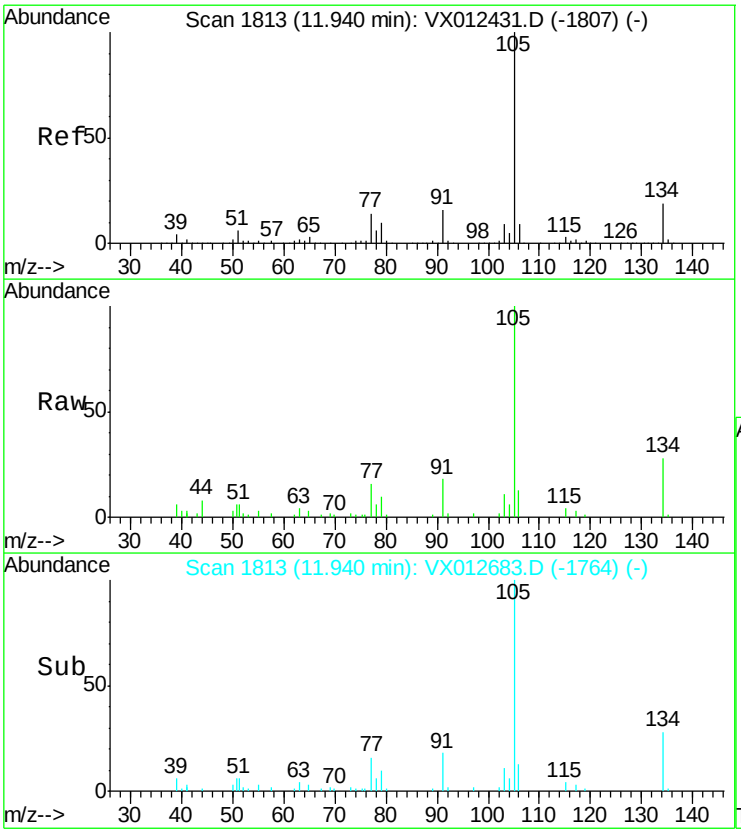
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Instrument : MSVOA_X
ClientSampleId : MW-2R

Tgt Ion:152 Resp: 80643

Ion	Ratio	Lower	Upper
152	100		
115	67.4	44.1	132.3
150	157.1	0.0	343.8





#85
sec-Butylbenzene
Concen: 1.269 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012683.D
Acq: 26 Sep 2019 18:47

Tgt Ion:105 Resp: 7842

Ion	Ratio	Lower	Upper
105	100		
134	33.9	9.8	29.4#