Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012306.D
Acq On : 11 Sep 2019 17:01
Operator : SY/SP
Sample : K4643-15
Misc : 3.37g/5.0mL/MSVOA_X/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-C1-(4)

Quant Time: Sep 12 05:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113237	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.26%			
35) Dibromofluoromethane	5.48	113	86372	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.30%			
50) Toluene-d8	8.71	98	341651	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.36%			
62) 4-Bromofluorobenzene	11.14	95	127756	42.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.78%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	205	Below Cal		91
8) Diethyl Ether	2.18	74	1294	1.723	ug/l	90
11) Tert butyl alcohol	3.03	59	616	Below Cal	#	91
16) Acetone	2.43	43	13027	23.391	ug/l	96
20) Methylene Chloride	2.84	84	8184	2.191	ug/l	95
25) 2-Butanone	4.68	43	2070	2.908	ug/l #	62
29) Tetrahydrofuran	5.13	42	5019	13.066	ug/l	99
36) 1,1-Dichloropropene	5.65	75	14955	7.178	ug/l #	47
37) Ethyl Acetate	4.68	43	2154	1.672	ug/l #	72
38) Carbon Tetrachloride	5.64	117	19655	8.040	ug/l #	15
49) 1,4-Dioxane	7.75	88	45	2.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	67717	50.855	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	67717	152.374	ug/l #	5

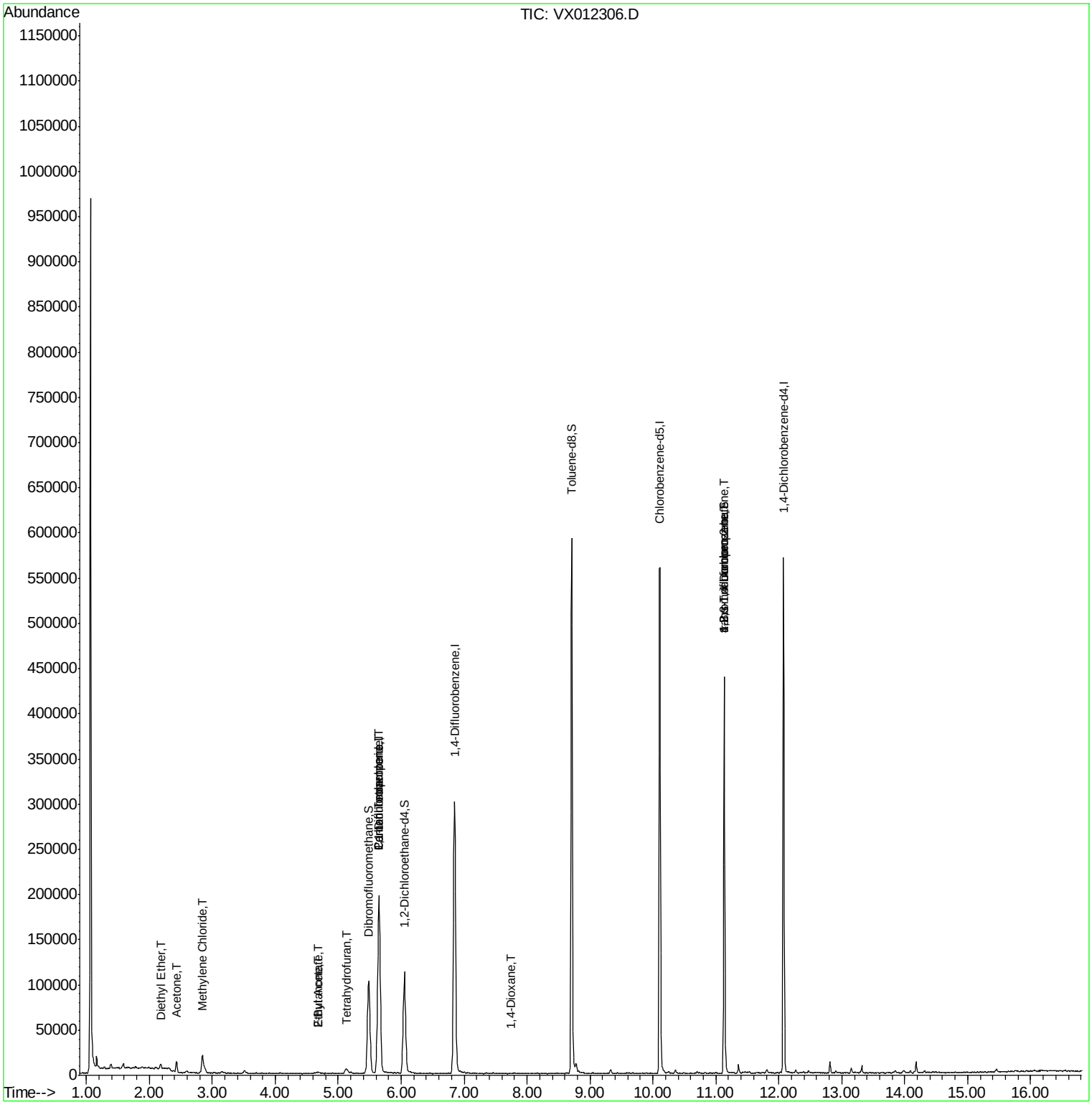
(#) = qualifier out of range (m) = manual integration (+) = signals summed

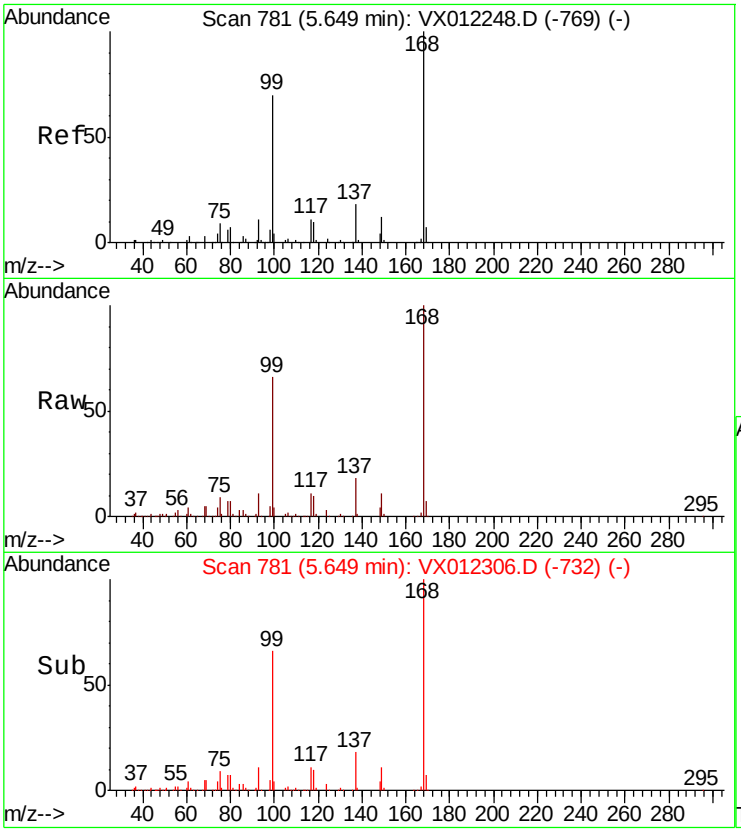
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012306.D
Acq On : 11 Sep 2019 17:01
Operator : SY/SP
Sample : K4643-15
Misc : 3.37g/5.0mL/MSVOA_X/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Quant Time: Sep 12 05:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



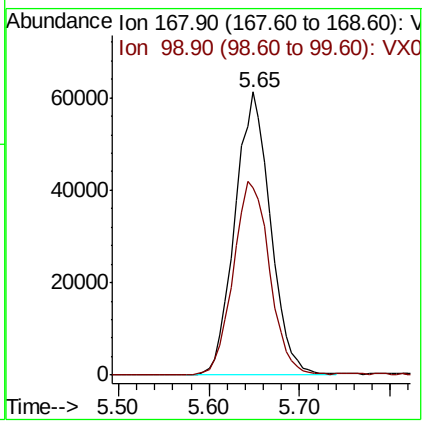


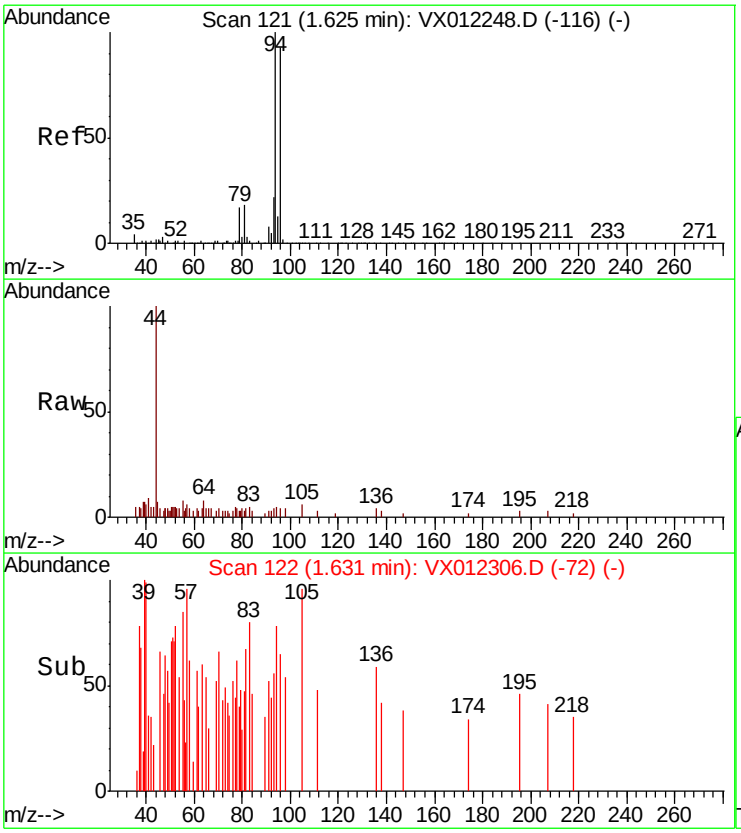
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument : MSVOA_X
ClientSampleId : T11-C1-(4)

Tgt Ion:168 Resp: 166398

Ion	Ratio	Lower	Upper
168	100		
99	66.0	55.8	83.6

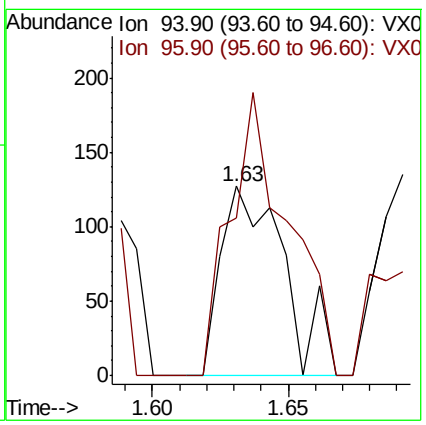


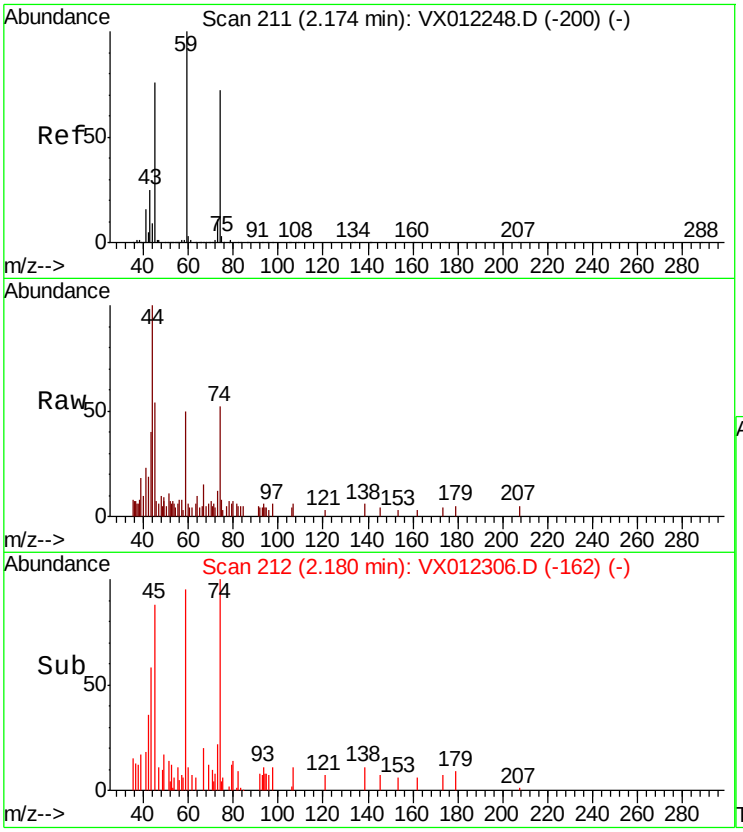


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 94 Resp: 205

Ion	Ratio	Lower	Upper
94	100		
96	83.5	74.0	111.0



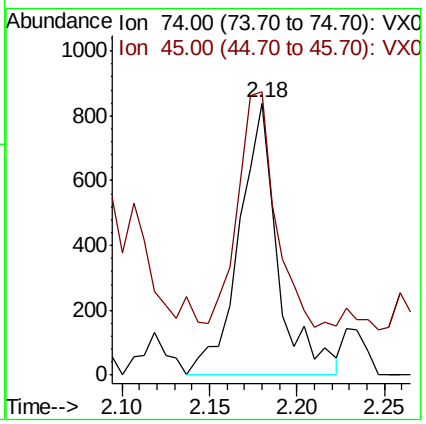


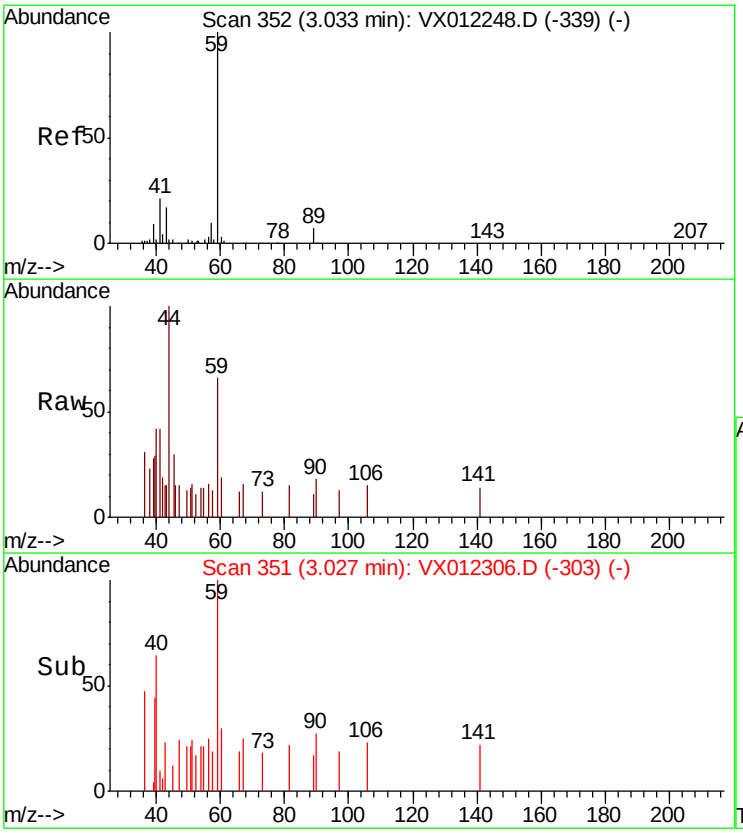
#8
Diethyl Ether
Concen: 1.723 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 74 Resp: 1294

Ion	Ratio	Lower	Upper
74	100		
45	92.2	51.3	153.9

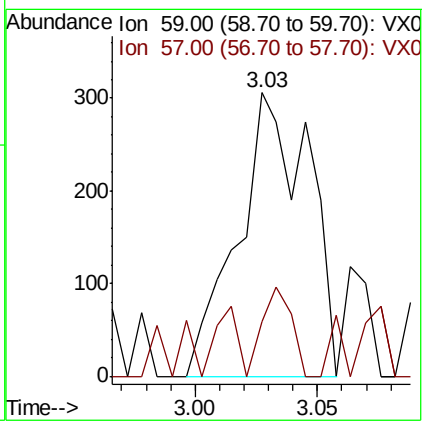


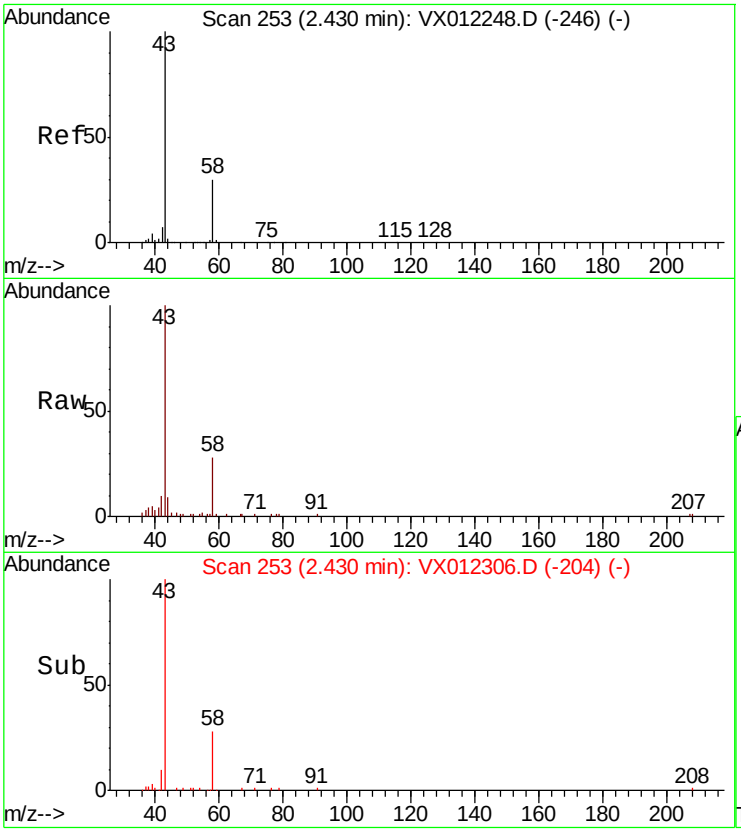


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 59 Resp: 616

Ion	Ratio	Lower	Upper
59	100		
57	13.1	7.8	11.6#



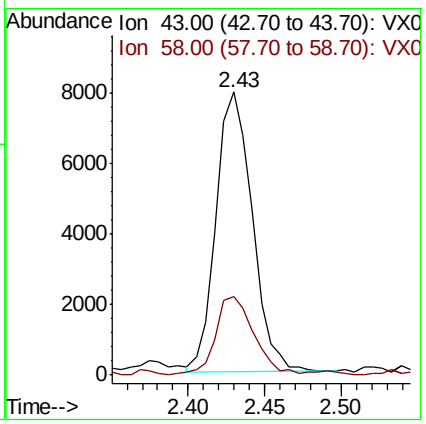


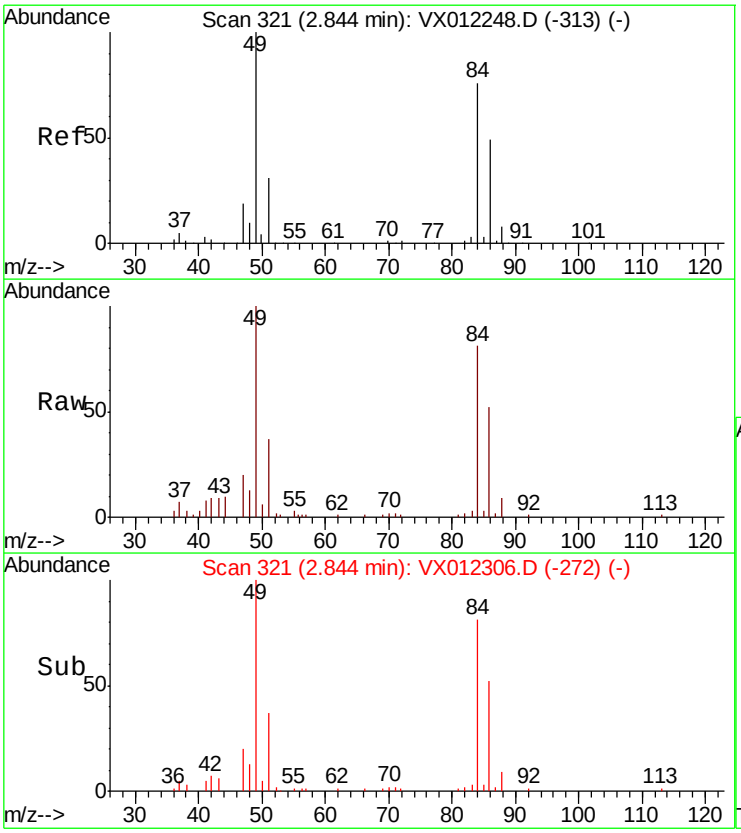
#16
Acetone
Concen: 23.391 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 43 Resp: 13027

Ion	Ratio	Lower	Upper
43	100		
58	27.2	23.6	35.4

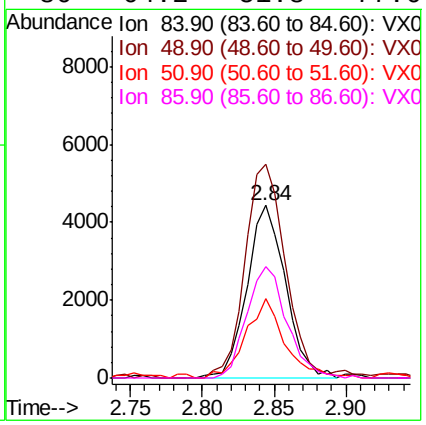


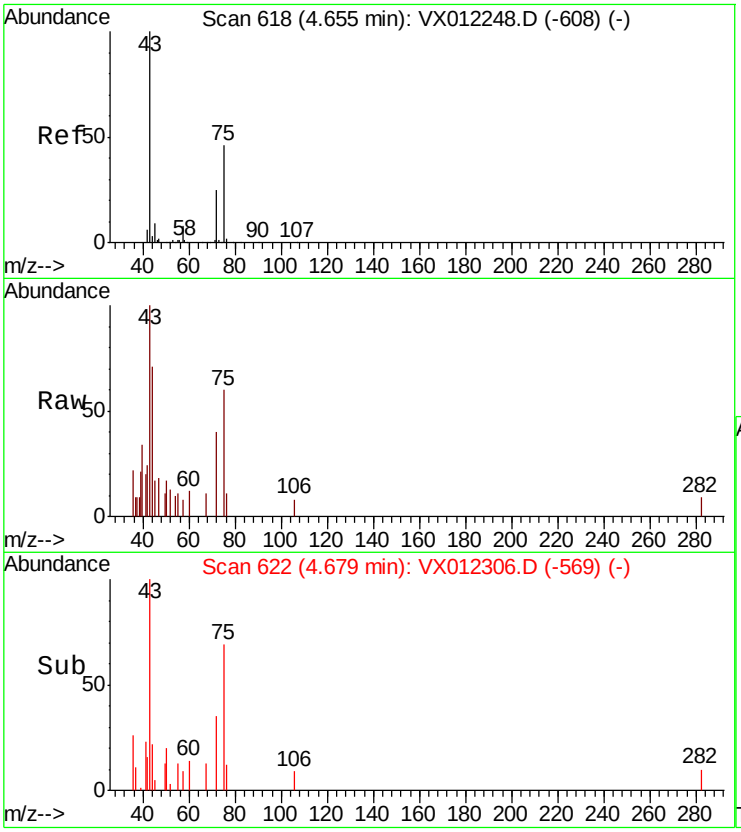


#20
Methylene Chloride
Concen: 2.191 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 84 Resp: 8184

Ion	Ratio	Lower	Upper
84	100		
49	123.7	105.0	157.6
51	44.5	32.6	48.8
86	64.2	51.8	77.6



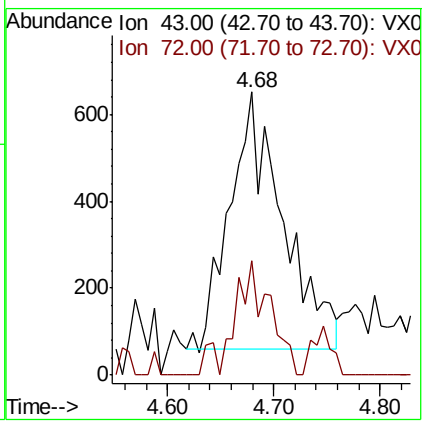


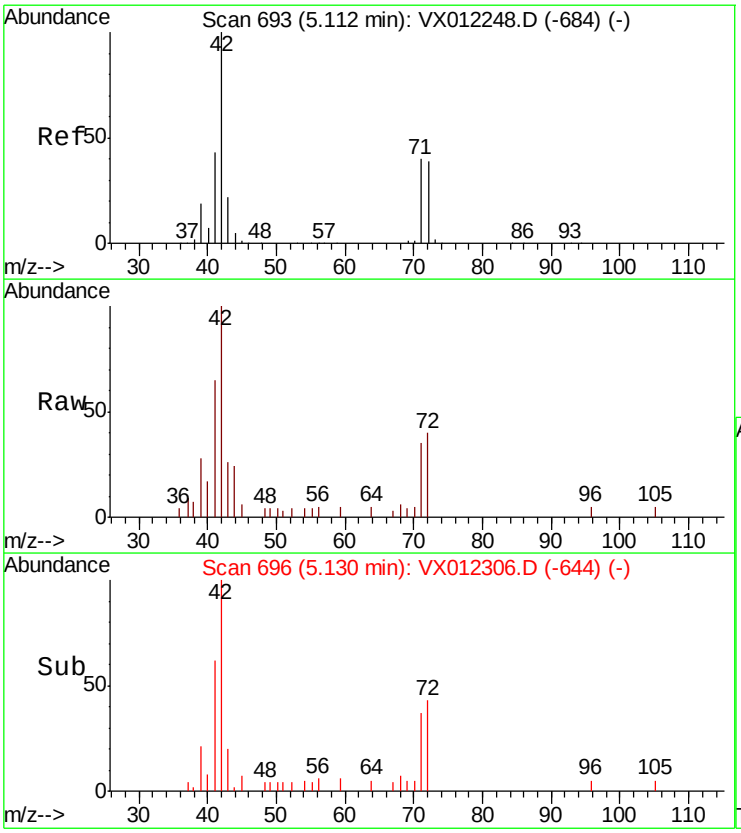
#25
2-Butanone
Concen: 2.908 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 43 Resp: 2070

Ion	Ratio	Lower	Upper
43	100		
72	44.4	20.2	30.2#

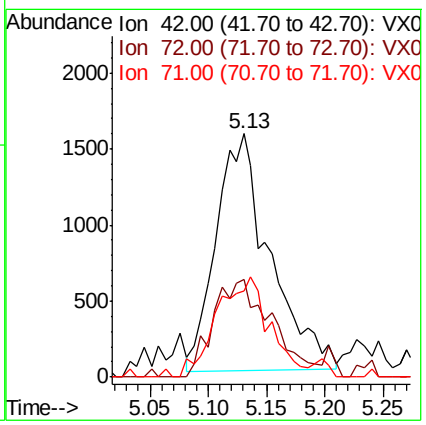


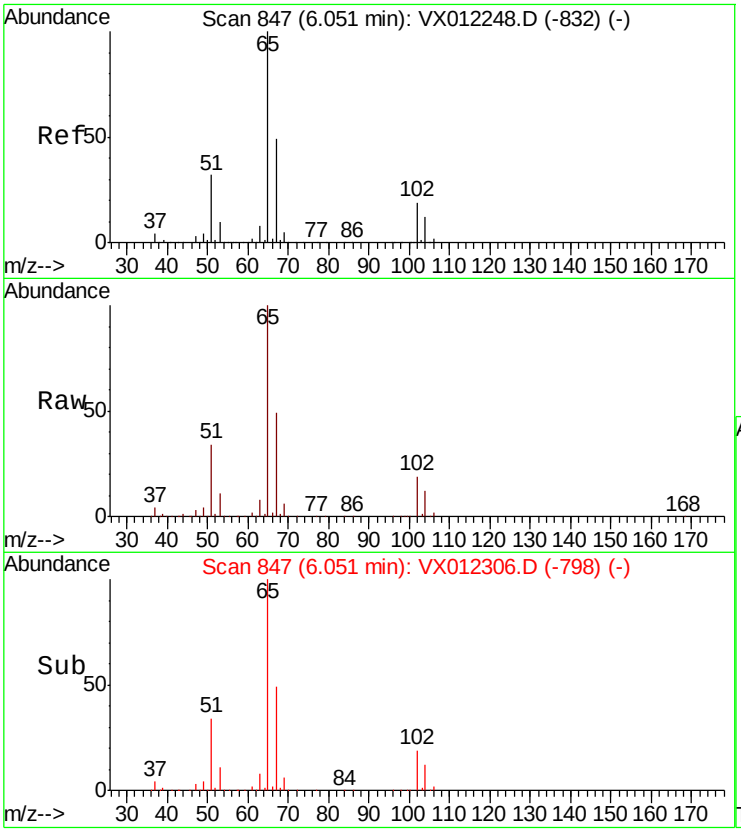


#29
Tetrahydrofuran
Concen: 13.066 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 42 Resp: 5019

Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.2	52.8
71	41.5	32.5	48.7



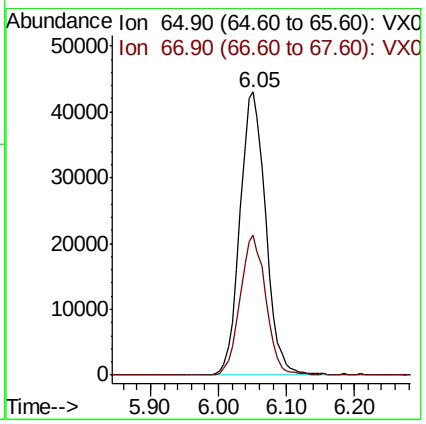


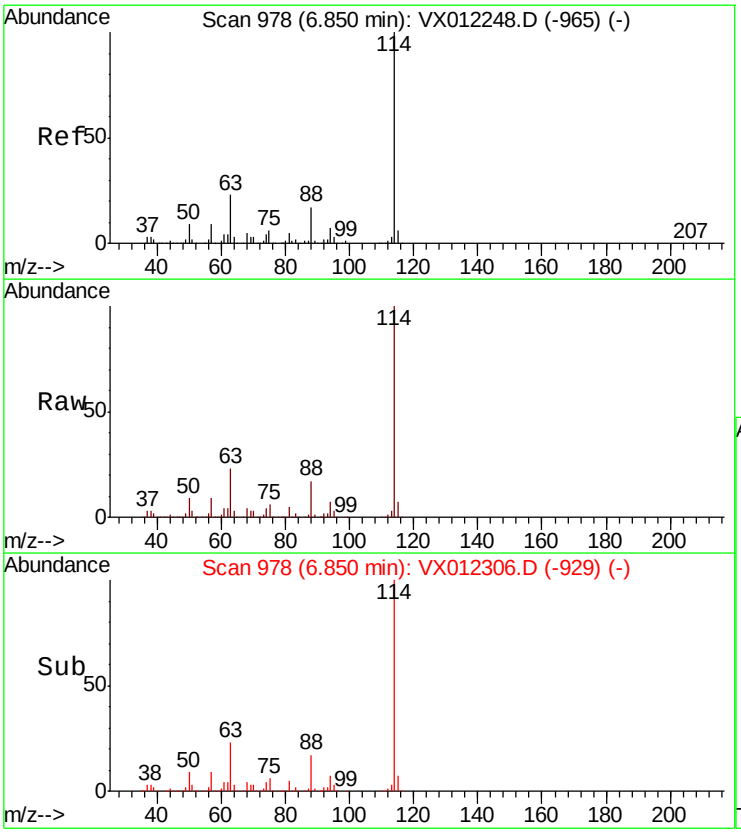
#33
1,2-Dichloroethane-d4
Concen: 48.134 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 65 Resp: 113237

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.8

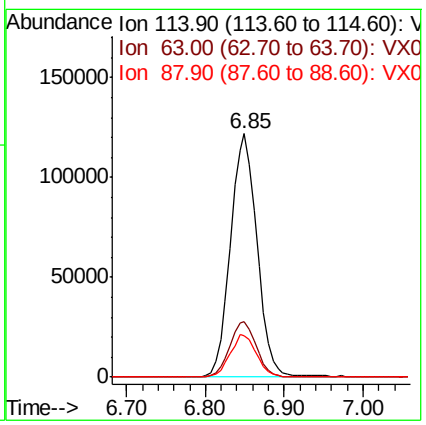


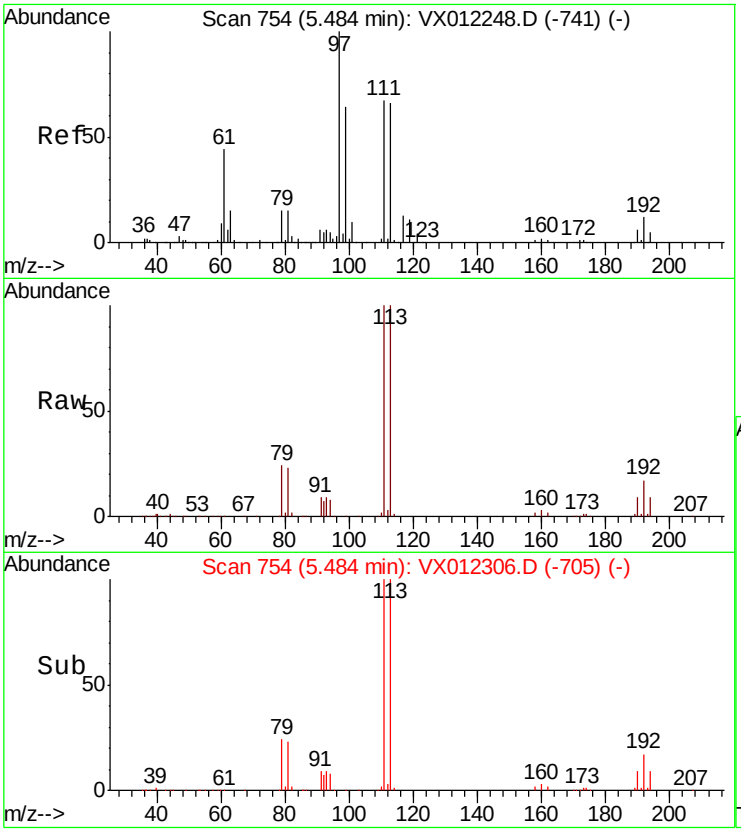


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion:114 Resp: 285749

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.2
88	17.1	0.0	34.8



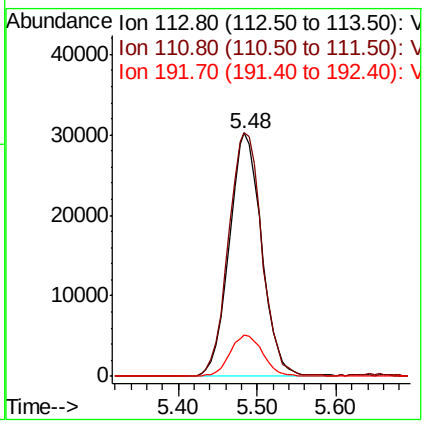


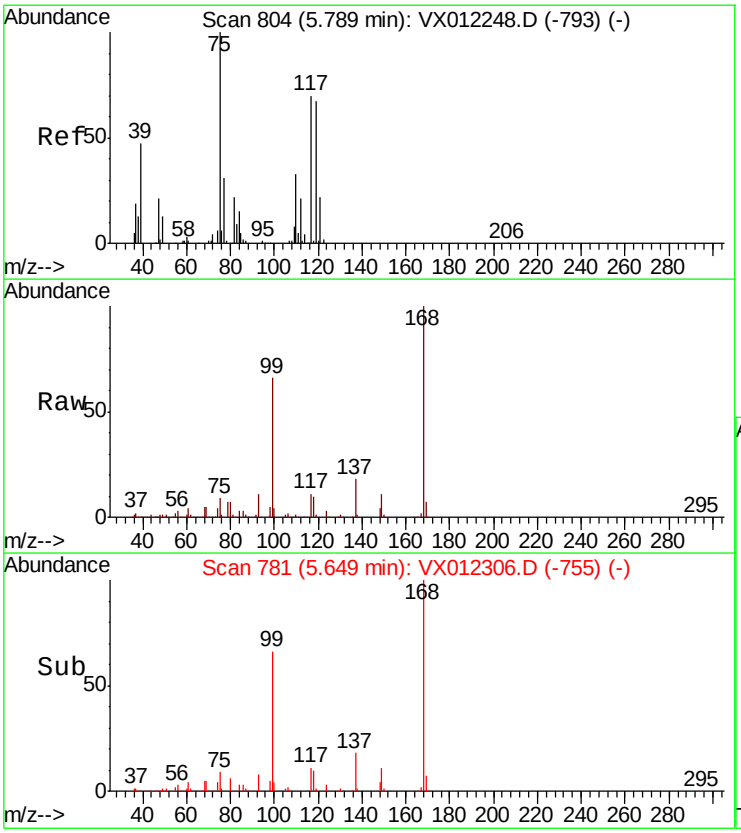
#35
Dibromofluoromethane
Concen: 47.152 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion:113 Resp: 86372

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.6
192	17.3	14.3	21.5

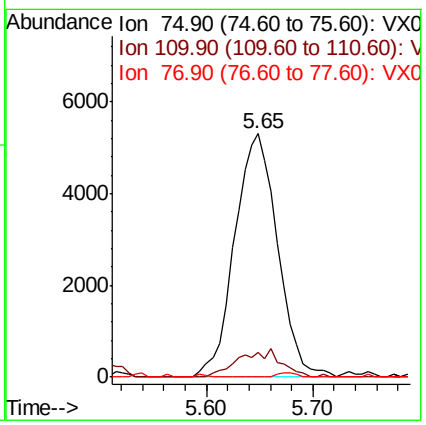


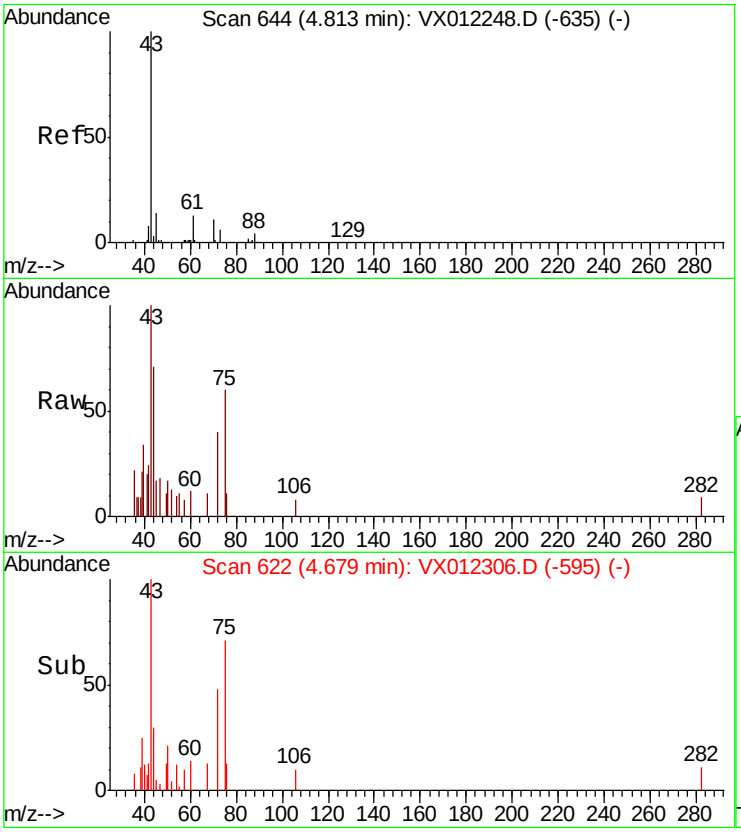


#36
1,1-Dichloropropene
Concen: 7.178 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 75 Resp: 14955

Ion	Ratio	Lower	Upper
75	100		
110	5.1	16.8	50.4#
77	0.0	24.5	36.7#



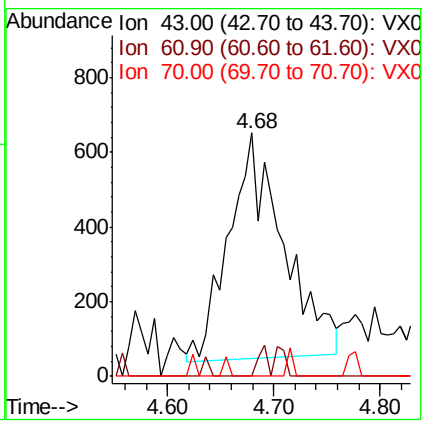


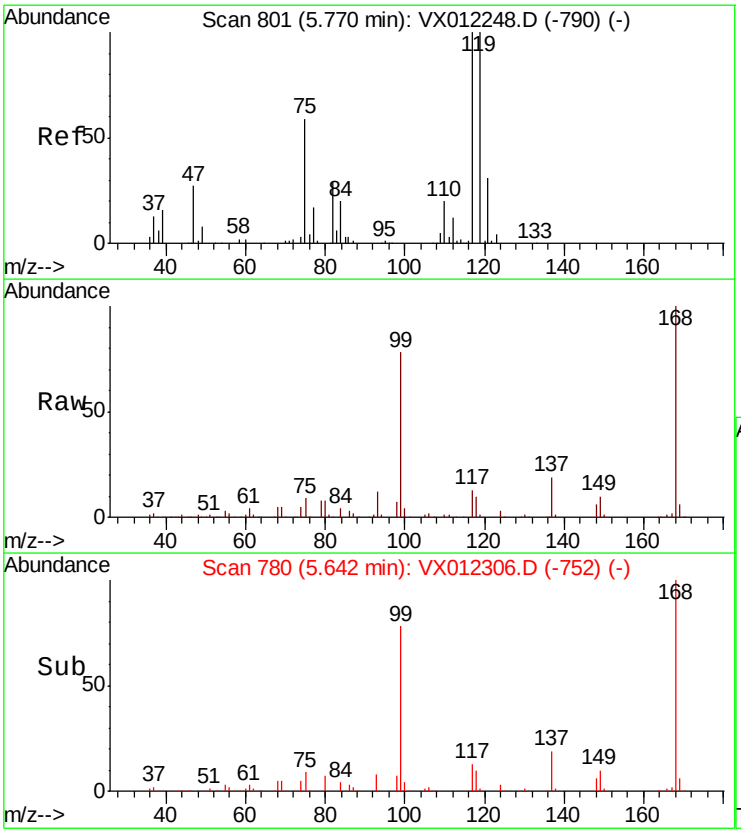
#37
Ethyl Acetate
Concen: 1.672 ug/l
RT: 4.68 min Scan# 622
Delta R.T. -0.13 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 43 Resp: 2154

Ion	Ratio	Lower	Upper
43	100		
61	2.3	10.3	15.5#
70	0.0	9.1	13.7#

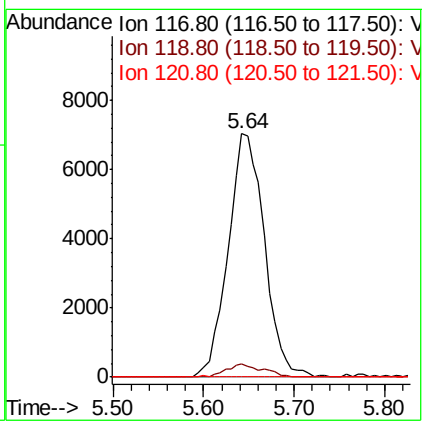


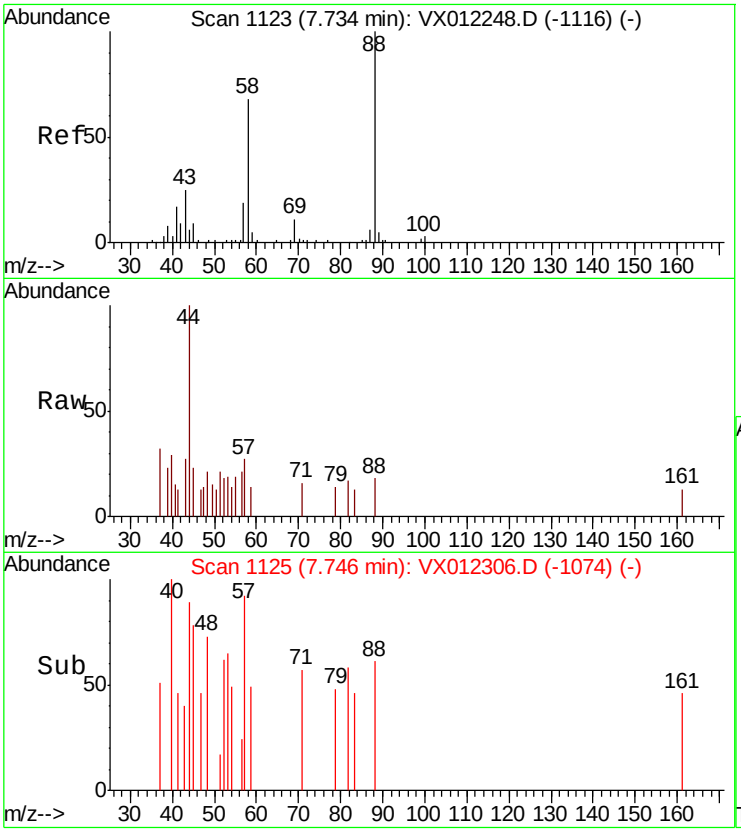


#38
Carbon Tetrachloride
Concen: 8.040 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion:117 Resp: 19655

Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.6	119.4#
121	0.0	24.7	37.1#



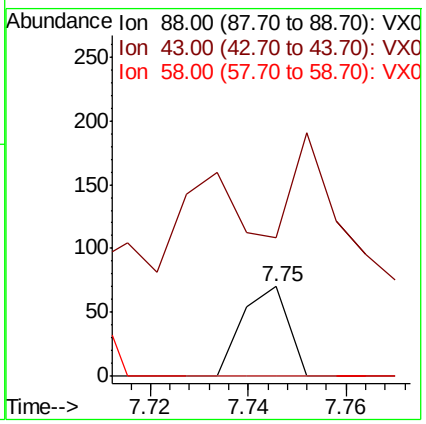


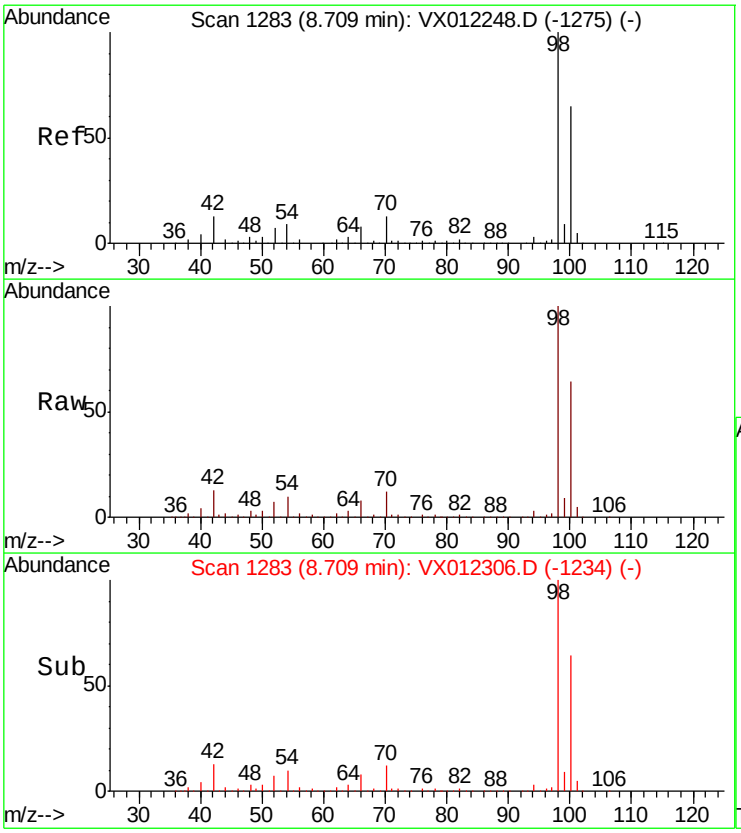
#49
1,4-Dioxane
Concen: 2.566 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 88 Resp: 45

Ion	Ratio	Lower	Upper
88	100		
43	800.0	31.0	46.4#
58	0.0	61.5	92.3#

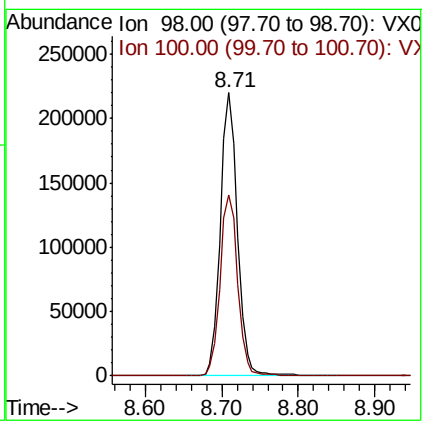


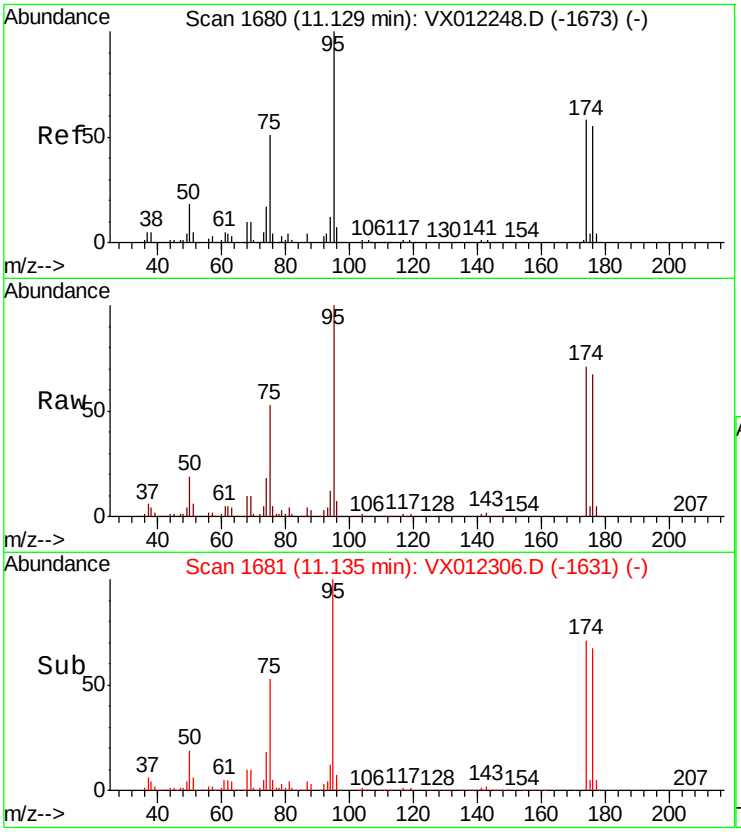


#50
Toluene-d8
Concen: 53.178 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 98 Resp: 341651

Ion	Ratio	Lower	Upper
98	100		
100	65.8	54.1	81.1



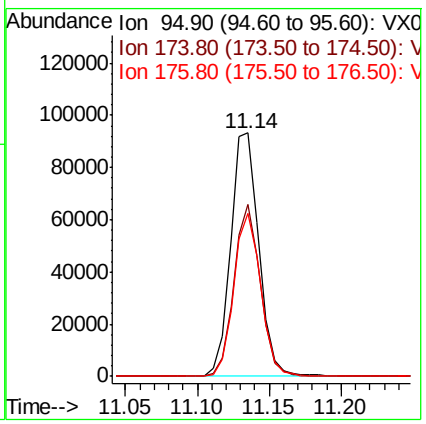


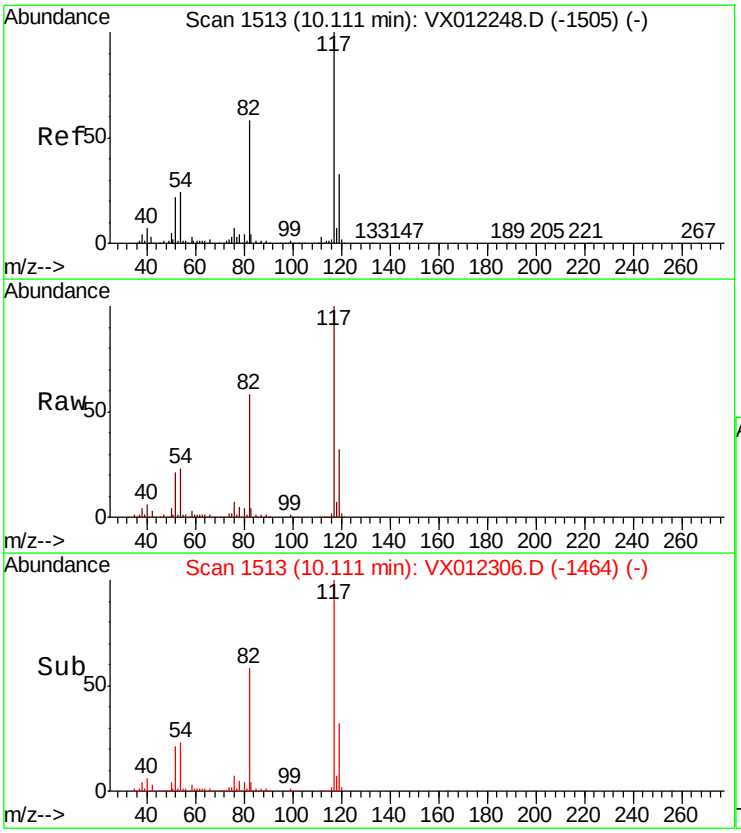
#62
4-Bromofluorobenzene
Concen: 42.893 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 95 Resp: 127756

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	127.0
176	64.0	0.0	125.8

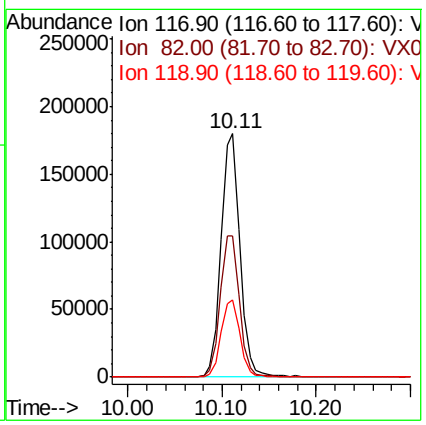


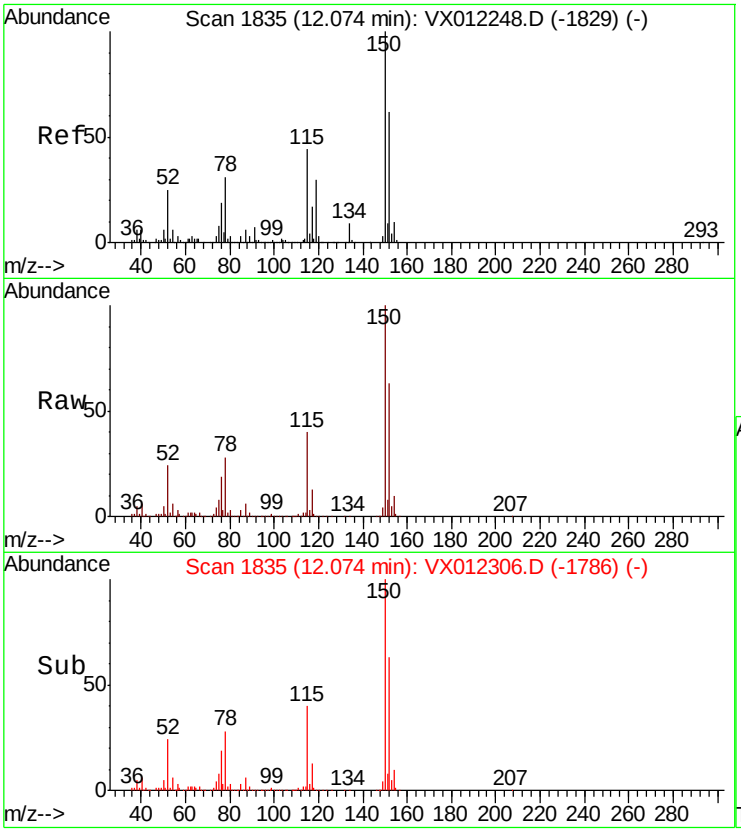


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion:117 Resp: 250199

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	31.5	26.6	39.8



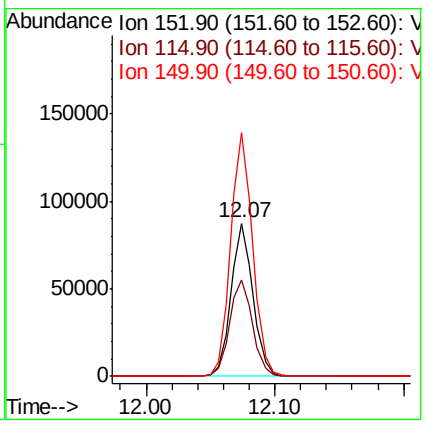


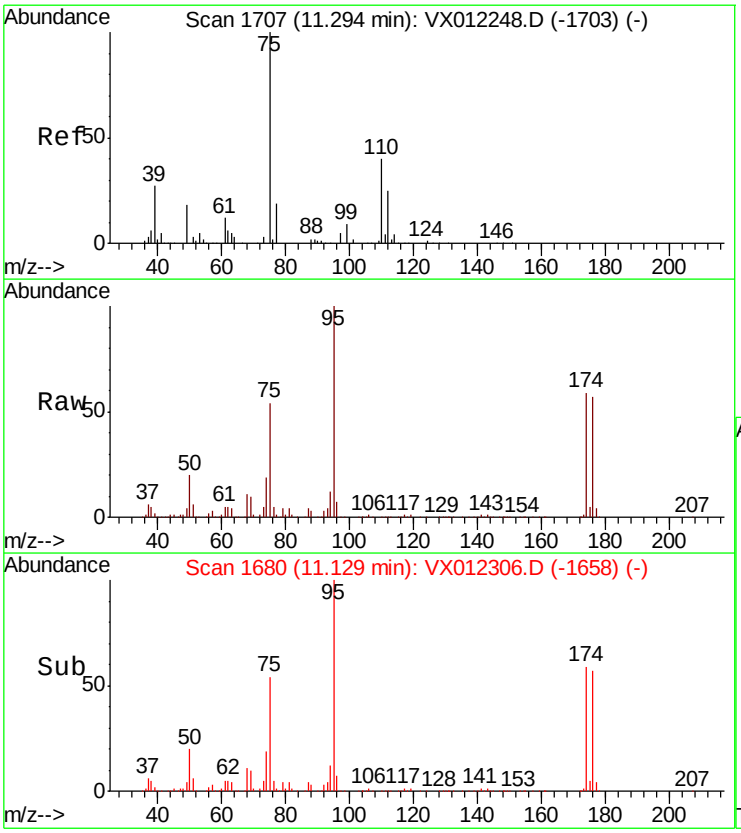
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion:152 Resp: 103652

Ion	Ratio	Lower	Upper
152	100		
115	66.2	45.5	136.4
150	161.0	0.0	346.4

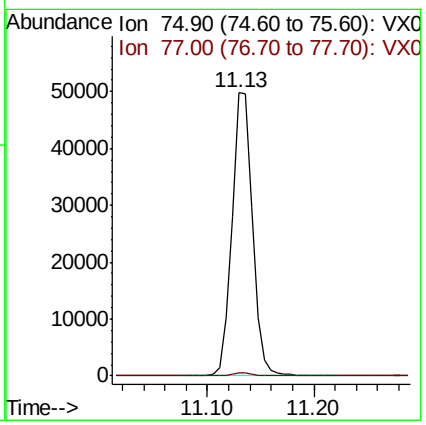


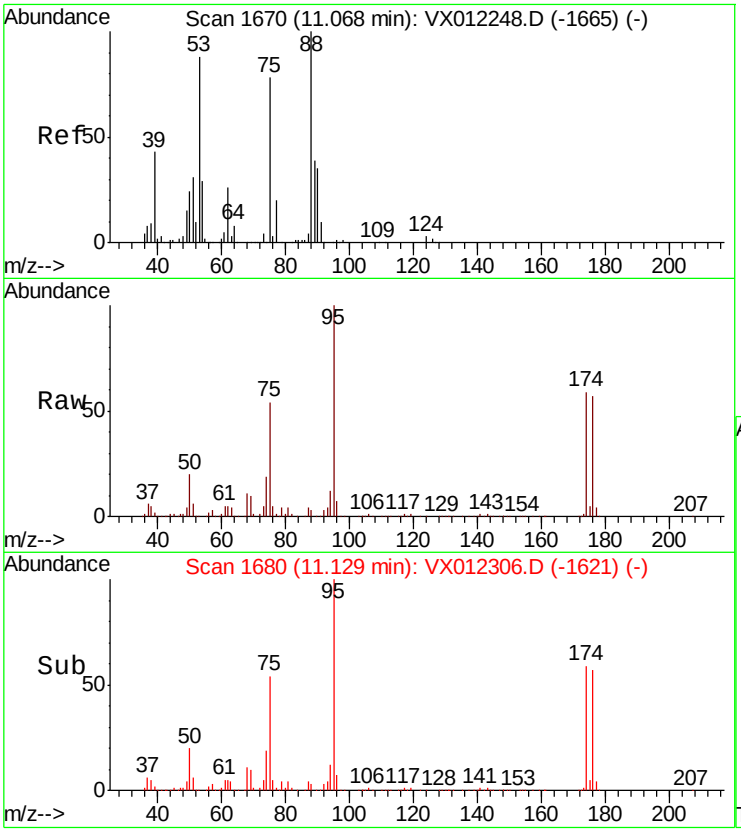


#76
1,2,3-Trichloropropane
Concen: 50.855 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Tgt Ion: 75 Resp: 67717

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 152.374 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012306.D
Acq: 11 Sep 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(4)

Tgt Ion: 75 Resp: 67717

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.1	132.1#
89	0.1	43.5	65.3#