Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060680.D
Acq On : 9 Nov 2018 19:07
Operator : VA/AP
Sample : J5269-21RE
Misc : 6.48g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Quant Time: Nov 12 04:14:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	234481	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	420312	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	401579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	223892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	146760	61.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.90%			
35) Dibromofluoromethane	4.12	113	171679	52.87	ug/l	0.01
Spiked Amount 50.000			Recovery = 105.74%			
50) Toluene-d8	7.56	98	439340	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.34%			
62) 4-Bromofluorobenzene	11.42	95	232579	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	302	Below Cal	#	41
6) Chloroethane	1.38	64	63	Below Cal	#	40
11) Tert butyl alcohol	2.58	59	2965	17.598	ug/l	98
13) Acrolein	2.00	56	385	Below Cal	#	9
15) Acrylonitrile	2.93	53	411	1.456	ug/l #	40
16) Acetone	2.23	43	18995	34.025	ug/l	92
18) Methyl Acetate	2.42	43	1746	2.473	ug/l #	64
20) Methylene Chloride	2.22	84	8770	Below Cal	#	88
25) 2-Butanone	4.35	43	6066	Below Cal	#	89
29) Tetrahydrofuran	4.09	42	625	Below Cal	#	68
40) Benzene	4.64	78	19176	1.707	ug/l	97
49) 1,4-Dioxane	6.68	88	67	3.626	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	2259	1.195	ug/l #	62
58) 2-Chloroethyl Vinyl ether	7.63	63	250	Below Cal		100
59) 2-Hexanone	9.50	43	3433	Below Cal		94
74) N-amyl acetate	11.41	43	196	Below Cal	#	1
89) n-Butylbenzene	12.85	91	1252	Below Cal		70

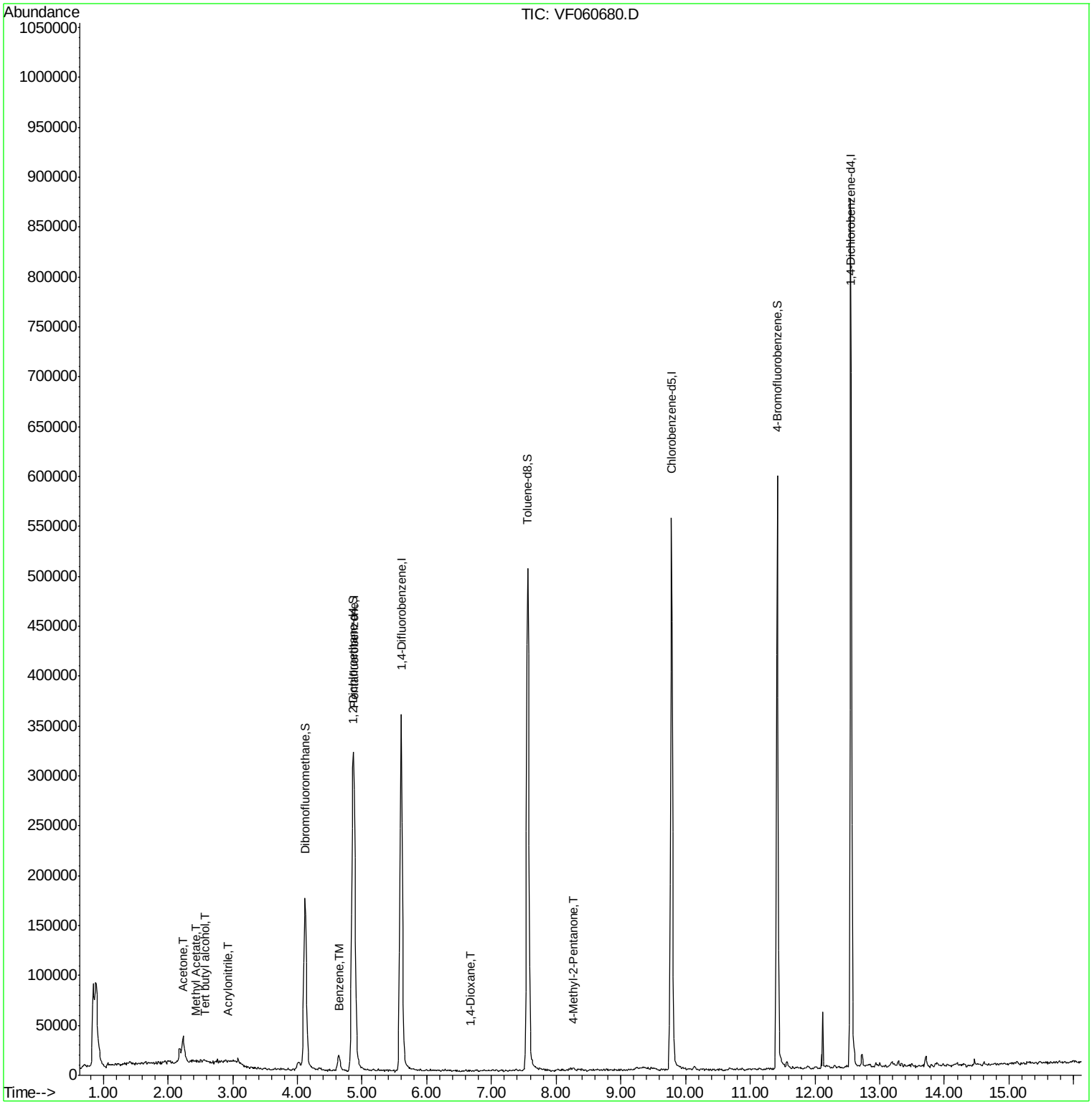
(#) = qualifier out of range (m) = manual integration (+) = signals summed

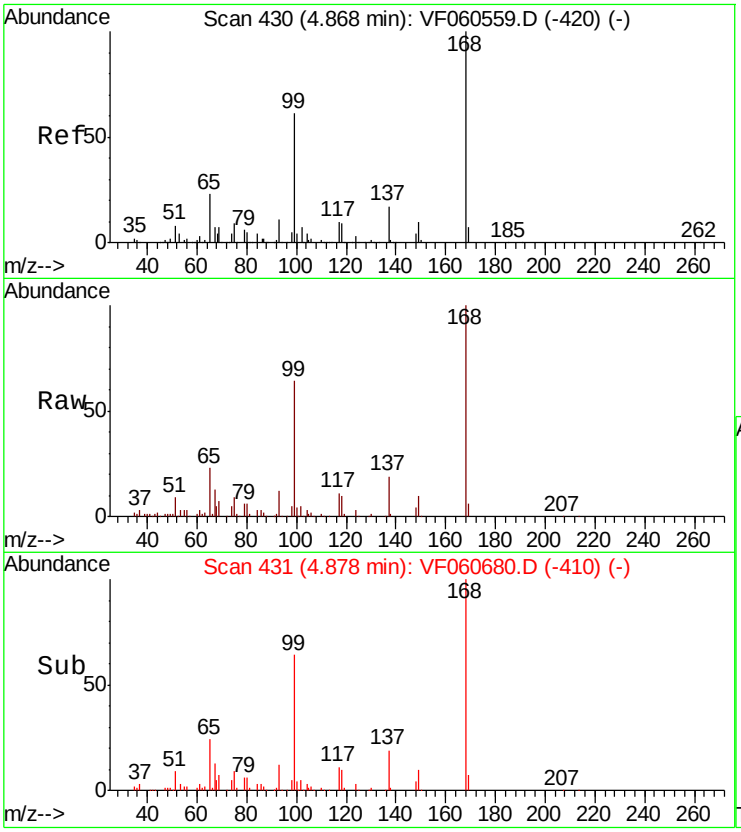
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060680.D
Acq On : 9 Nov 2018 19:07
Operator : VA/AP
Sample : J5269-21RE
Misc : 6.48g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Quant Time: Nov 12 04:14:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



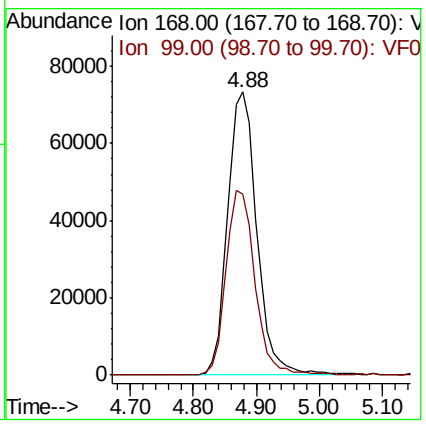


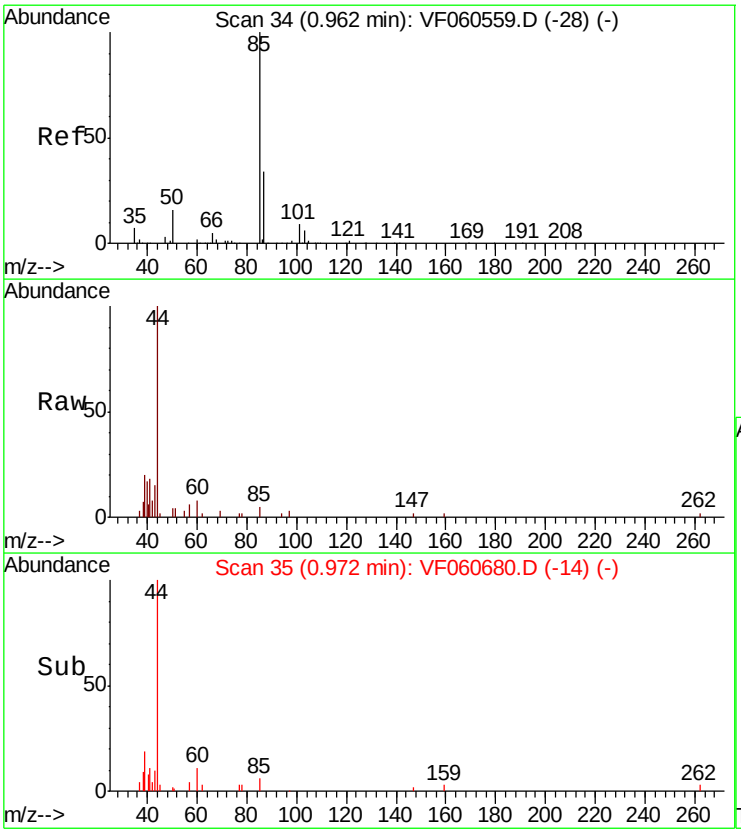
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion:168 Resp: 234481

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.6	72.8

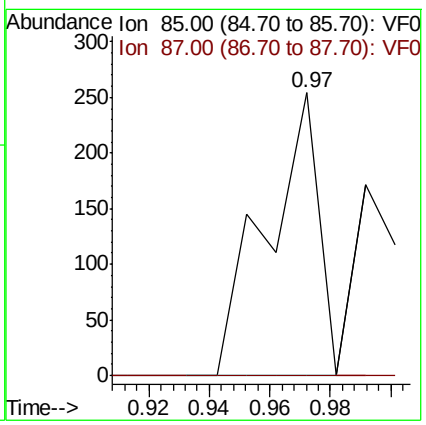


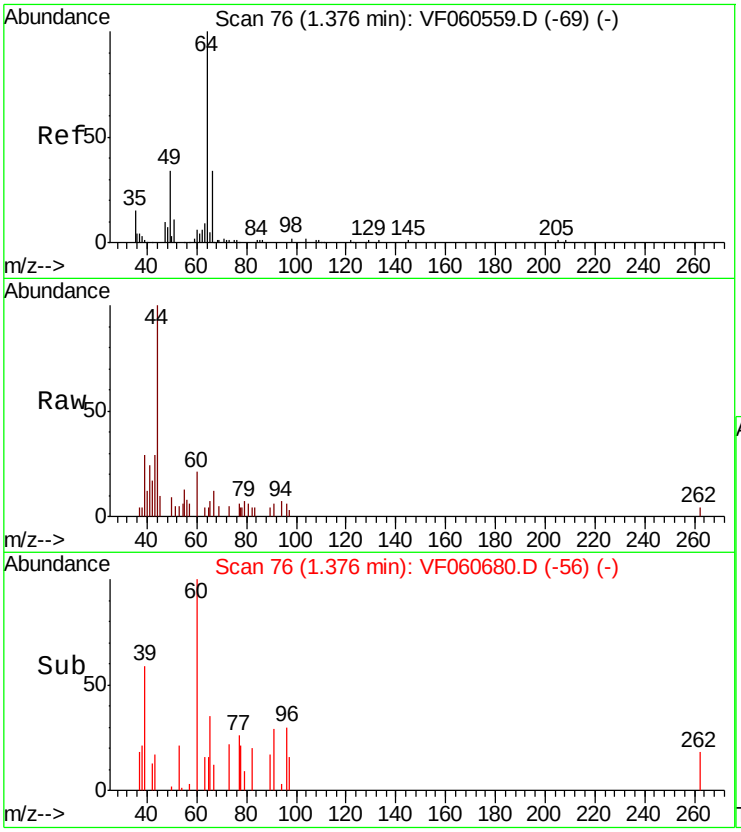


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 35
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 85 Resp: 302

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



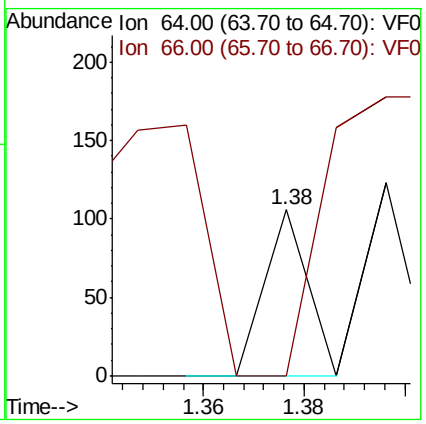


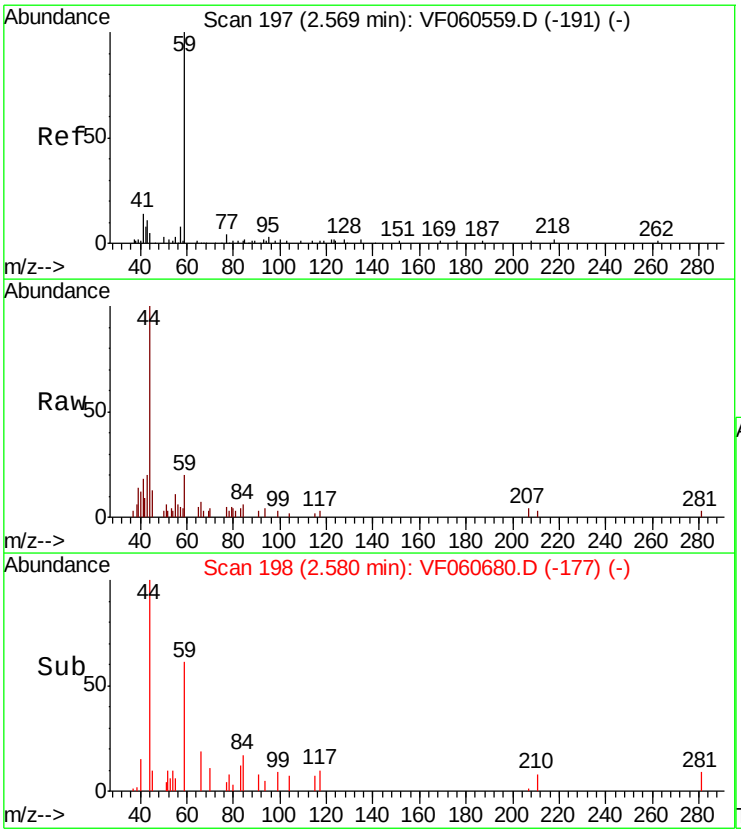
#6
Chloroethane
Concen: Below Cal
RT: 1.38 min Scan# 76
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion: 64 Resp: 63

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.8	41.8#

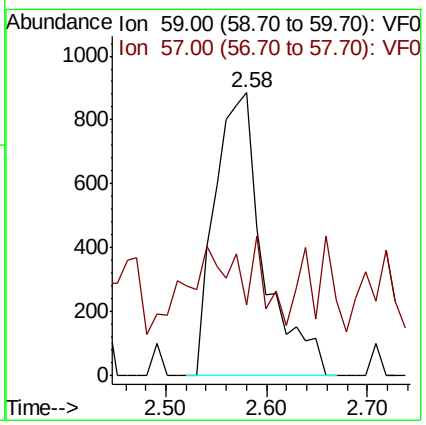


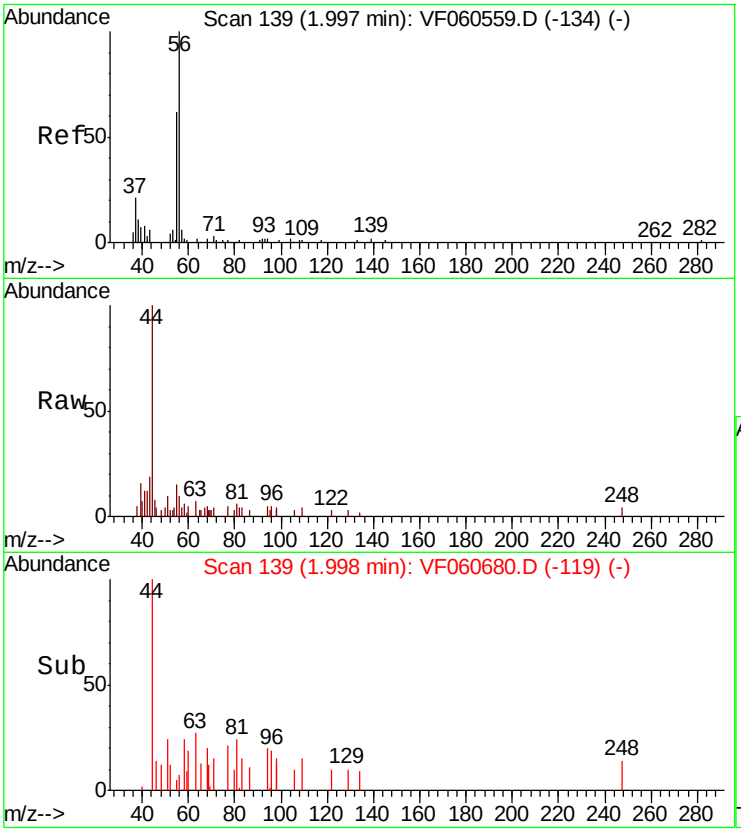


#11
Tert butyl alcohol
Concen: 17.598 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 59 Resp: 2965

Ion	Ratio	Lower	Upper
59	100		
57	24.9	19.0	28.4



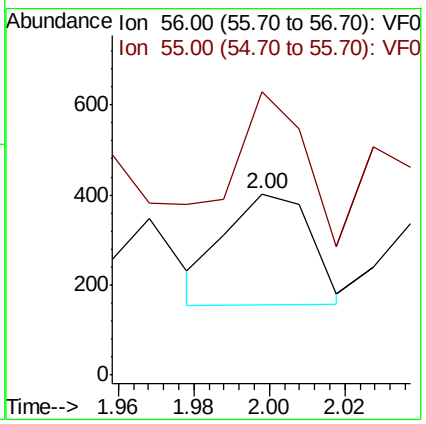


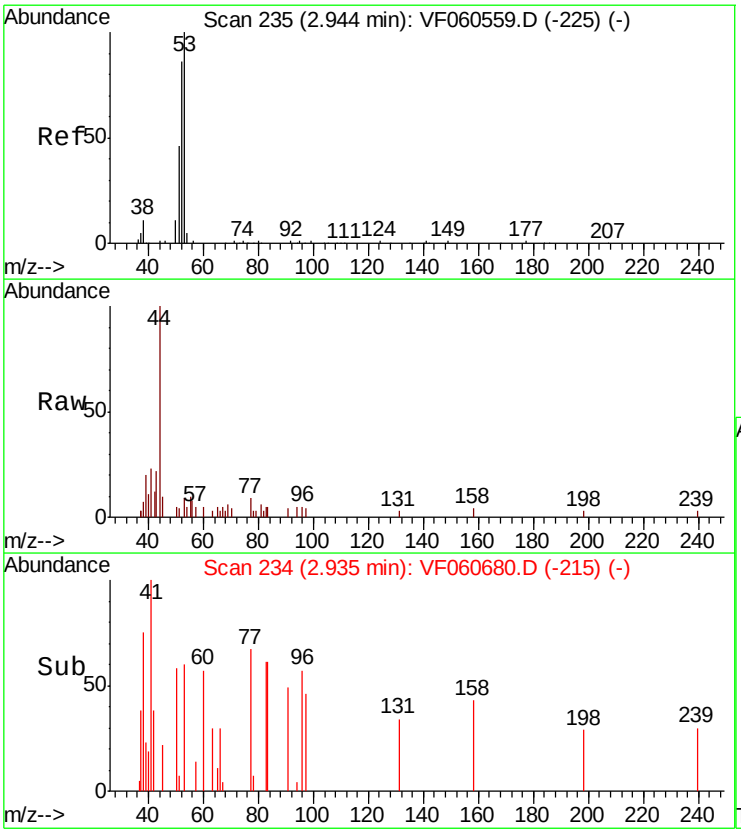
#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Tgt Ion: 56 Resp: 385

Ion	Ratio	Lower	Upper
56	100		
55	156.2	61.8	92.6#

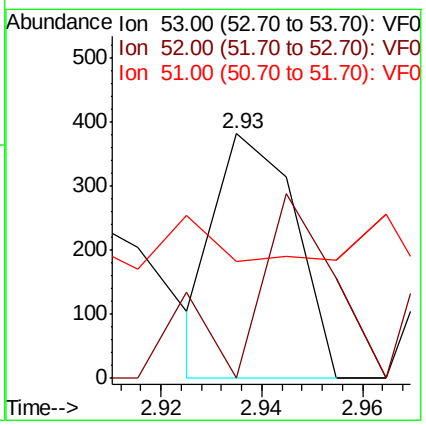


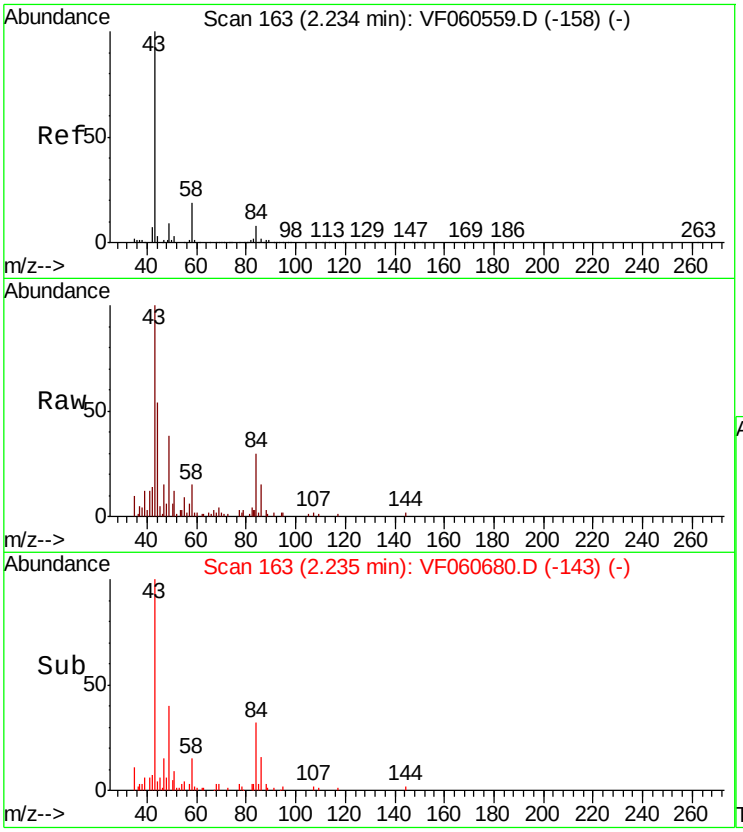


#15
Acrylonitrile
Concen: 1.456 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 53 Resp: 411

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	47.5	38.2	57.2



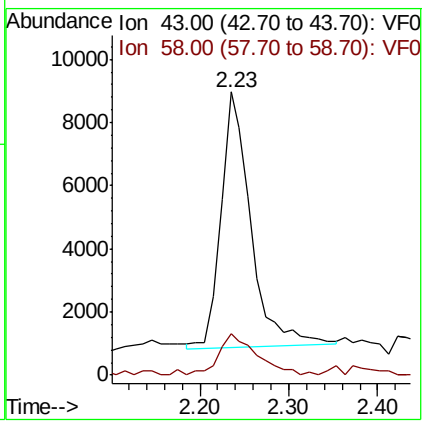


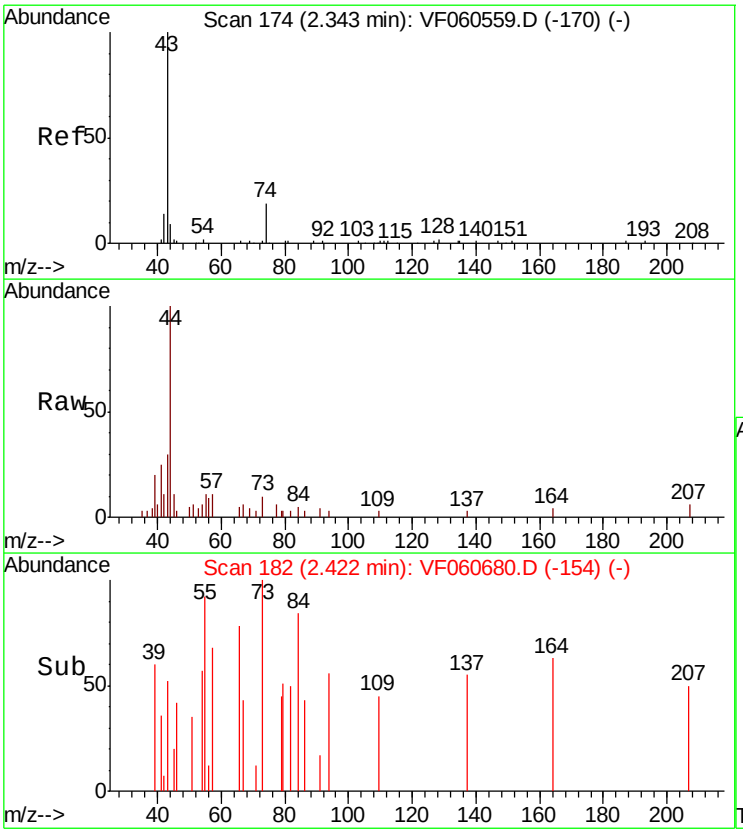
#16
Acetone
Concen: 34.025 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion: 43 Resp: 18995

Ion	Ratio	Lower	Upper
43	100		
58	14.7	14.6	22.0

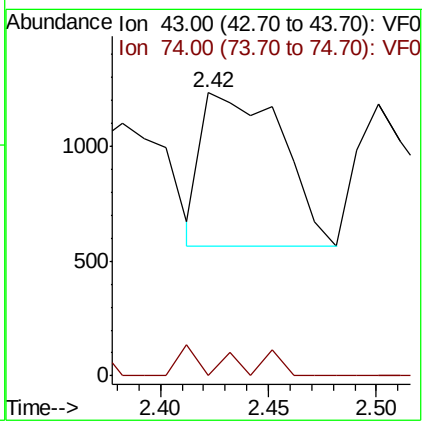


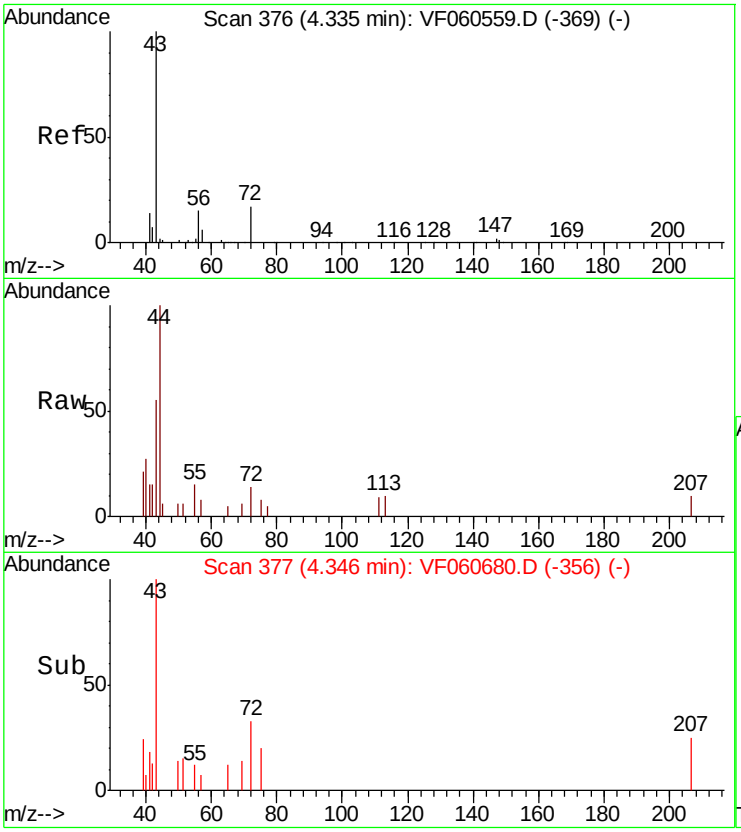


#18
Methyl Acetate
Concen: 2.473 ug/l
RT: 2.42 min Scan# 182
Delta R.T. 0.08 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 43 Resp: 1746

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



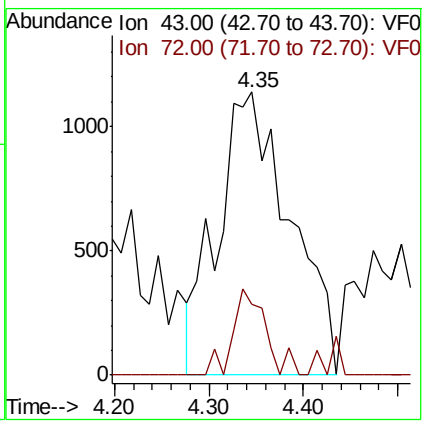


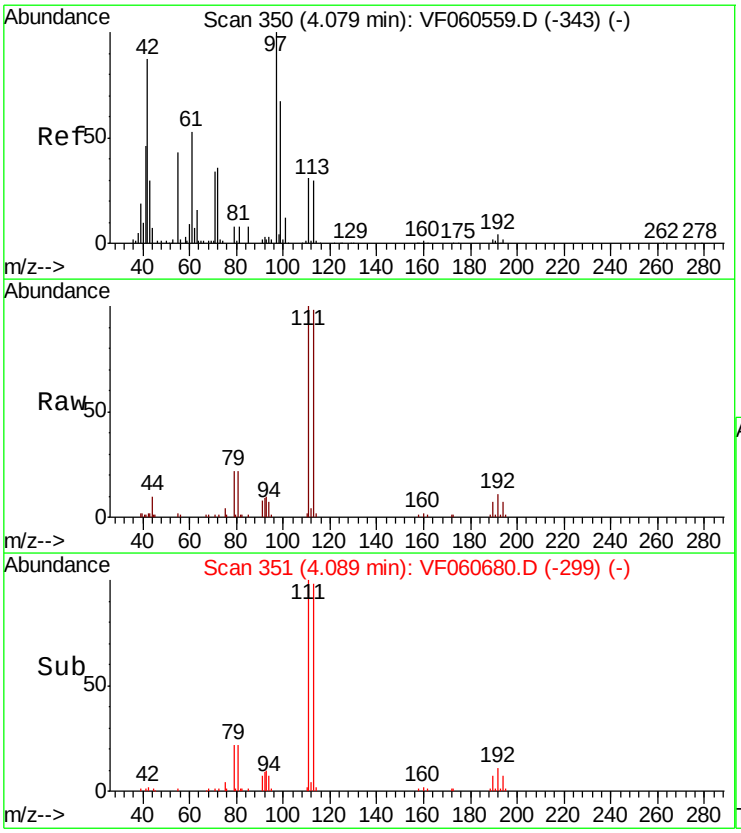
#25
2-Butanone
Concen: Below Cal
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Tgt Ion: 43 Resp: 6066

Ion	Ratio	Lower	Upper
43	100		
72	25.1	16.2	24.2#

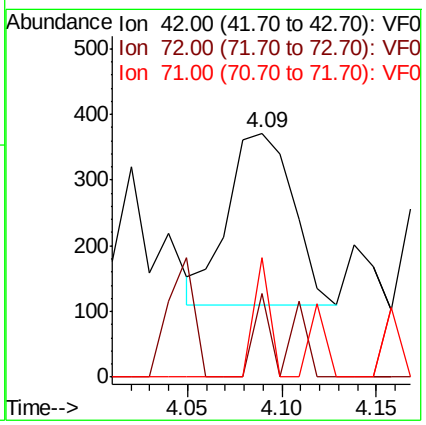


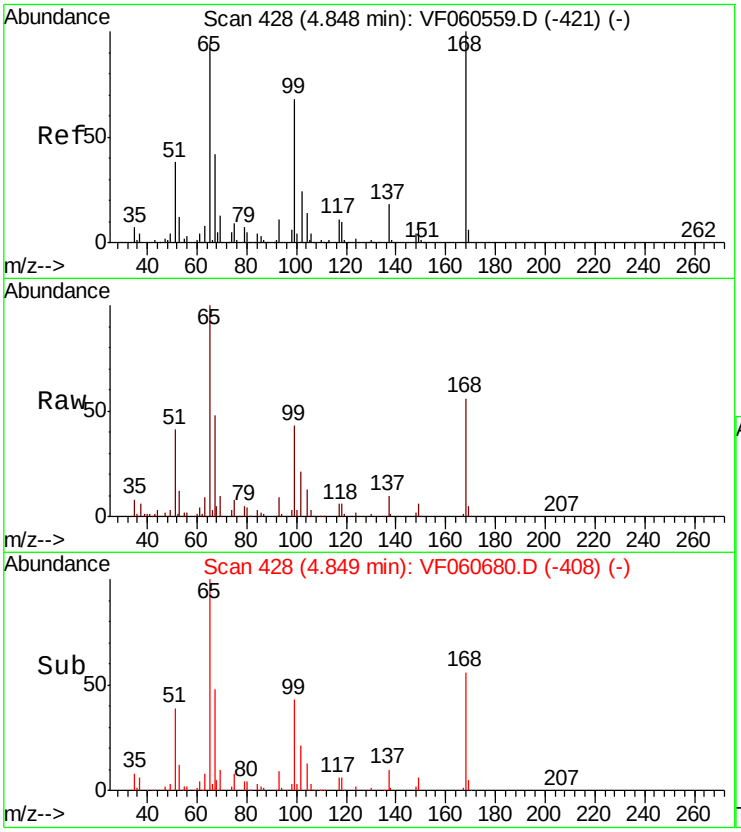


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.09 min Scan# 351
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 42 Resp: 625

Ion	Ratio	Lower	Upper
42	100		
72	22.9	31.4	47.0#
71	17.1	31.8	47.6#



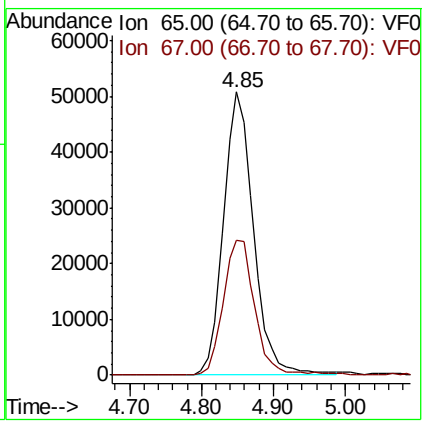


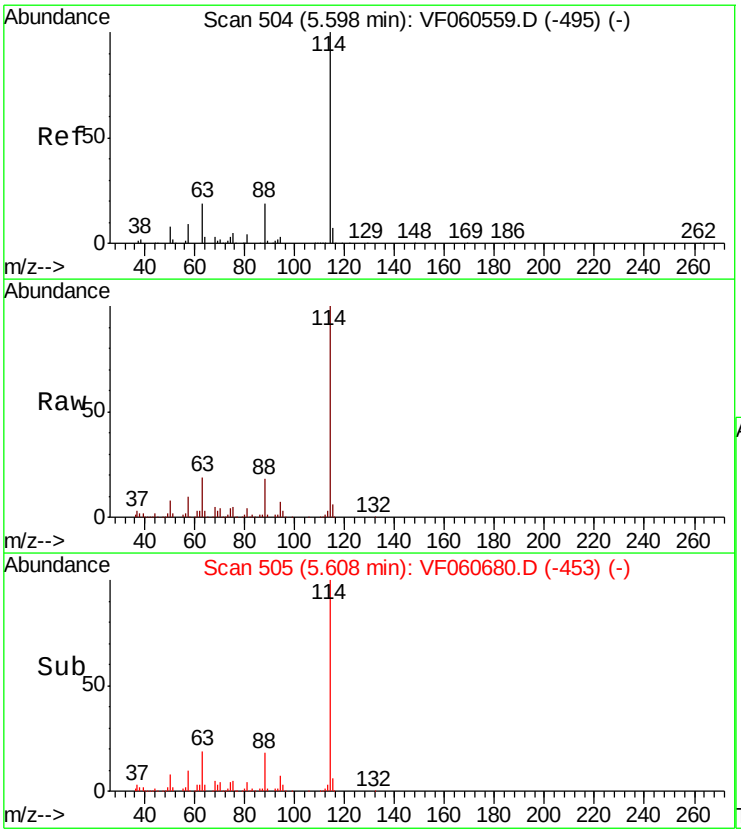
#33
1,2-Dichloroethane-d4
Concen: 61.947 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion: 65 Resp: 146760

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	101.8

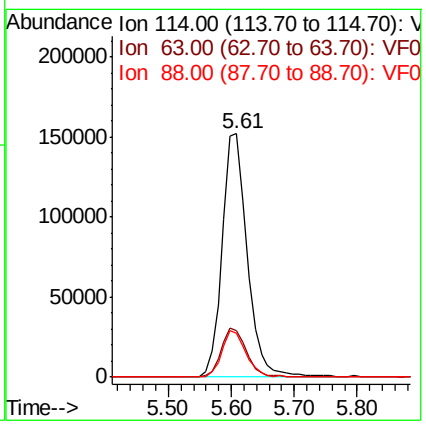


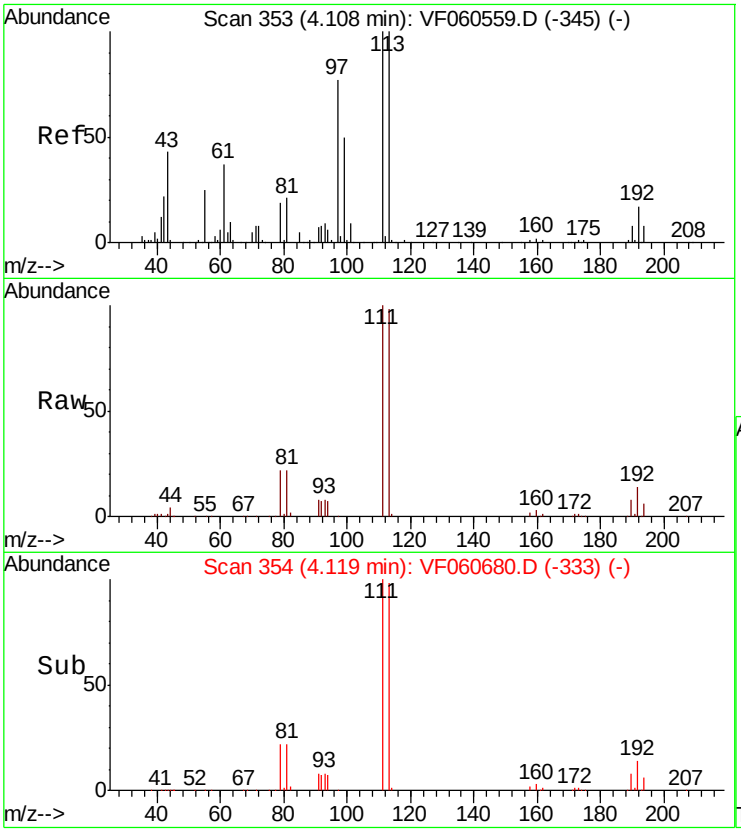


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion:114 Resp: 420312

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	18.3	0.0	38.2



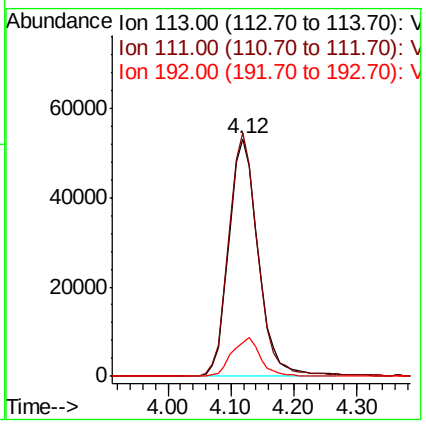


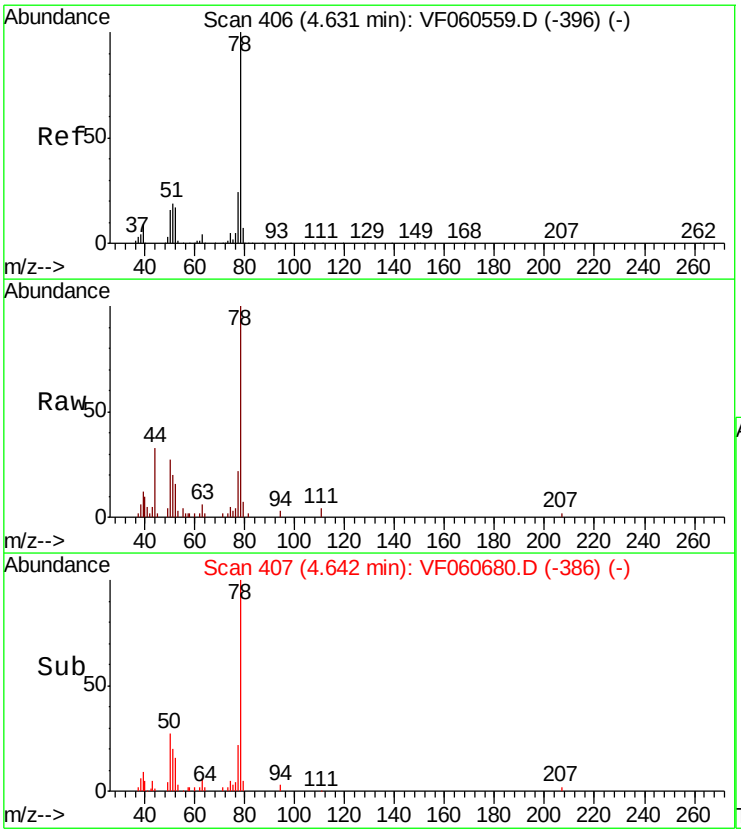
#35
Dibromofluoromethane
Concen: 52.868 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion:113 Resp: 171679

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.9	119.9
192	14.1	13.3	19.9

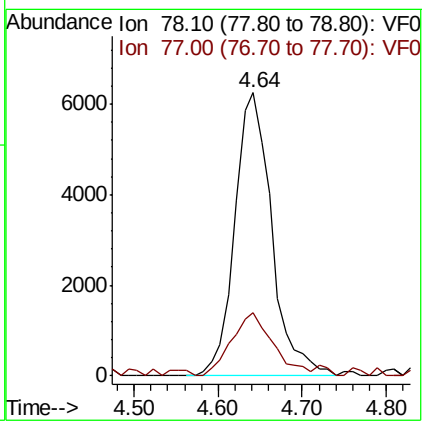


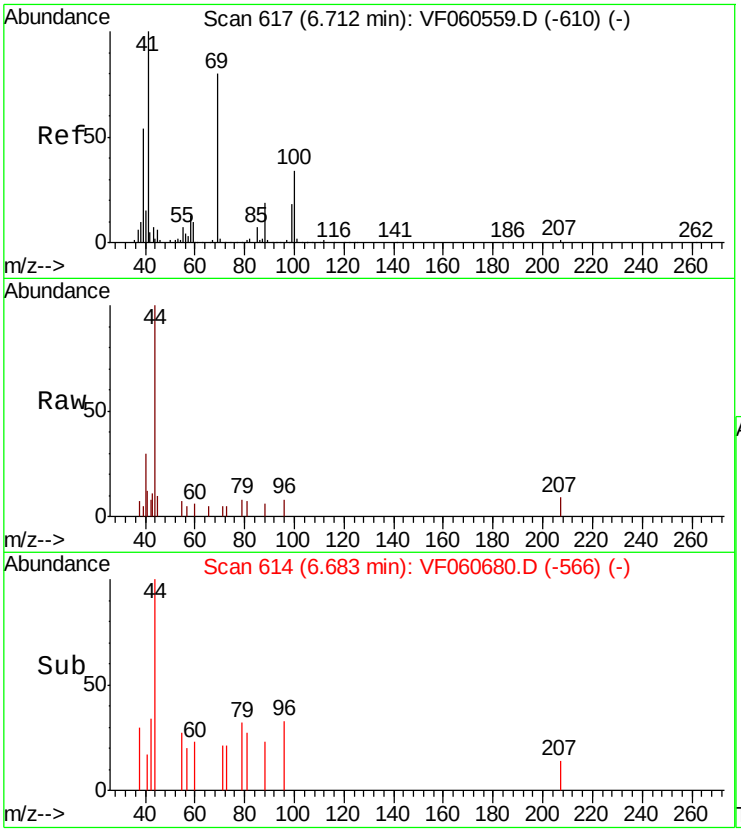


#40
Benzene
Concen: 1.707 ug/l
RT: 4.64 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 78 Resp: 19176

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.3	28.9



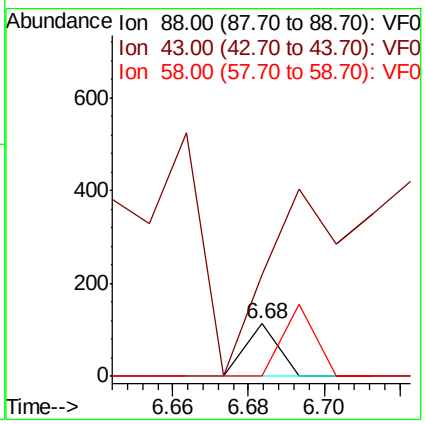


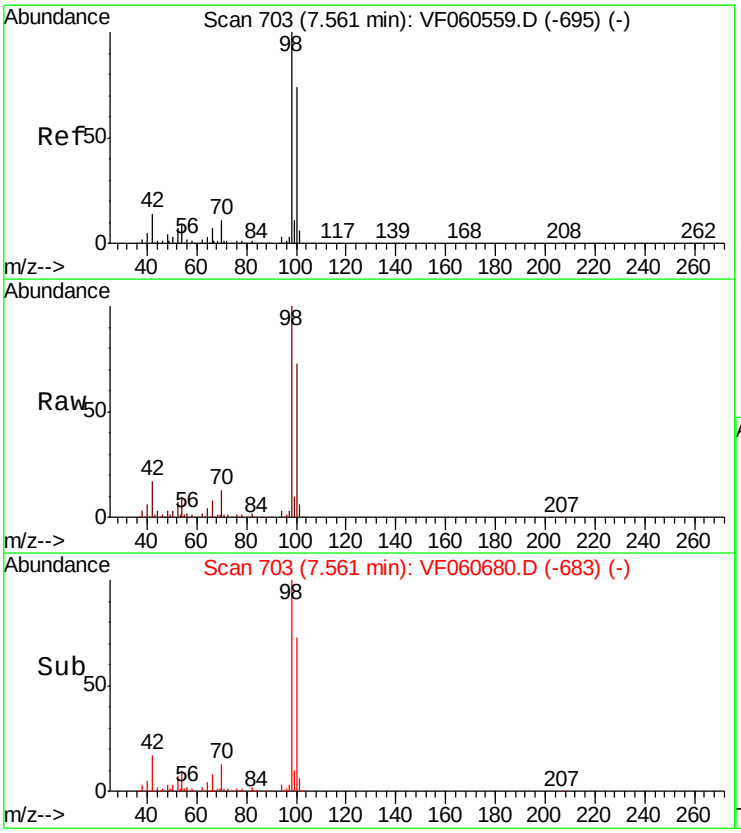
#49
1,4-Dioxane
Concen: 3.626 ug/l
RT: 6.68 min Scan# 614
Delta R.T. -0.03 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	193.8	61.2	91.8#
58	0.0	56.9	85.3#

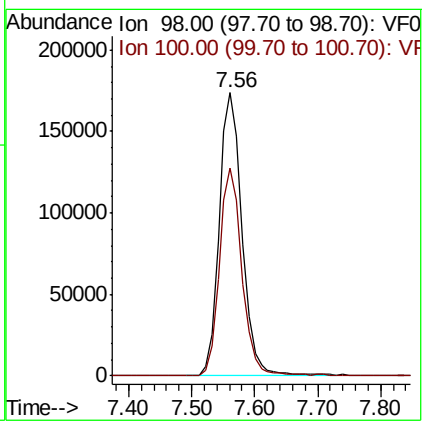


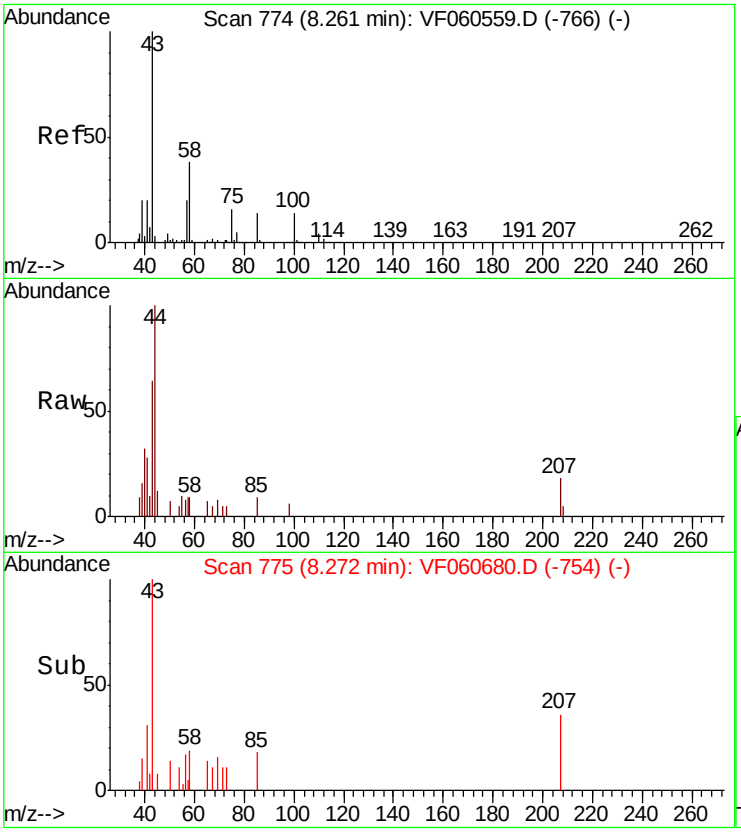


#50
Toluene-d8
Concen: 45.672 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 98 Resp: 439340

Ion	Ratio	Lower	Upper
98	100		
100	73.4	59.4	89.2



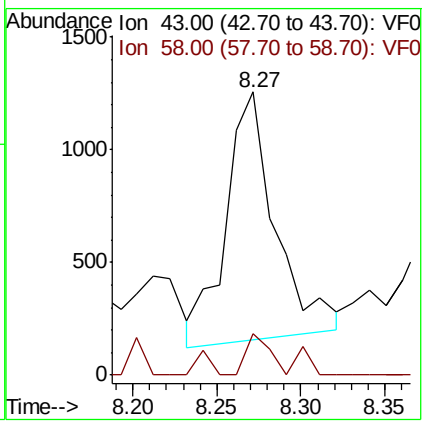


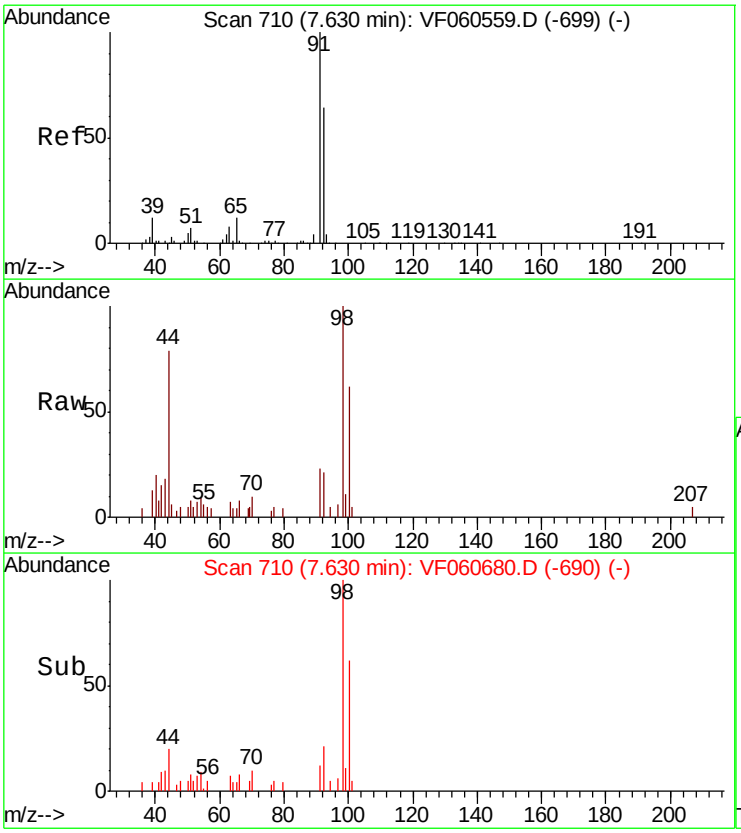
#51
4-Methyl-2-Pentanone
Concen: 1.195 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Tgt Ion: 43 Resp: 2259

Ion	Ratio	Lower	Upper
43	100		
58	14.7	30.1	45.1#

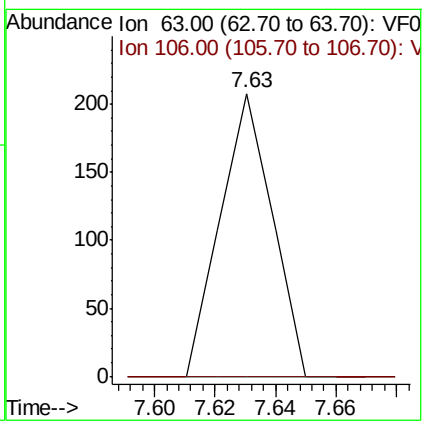


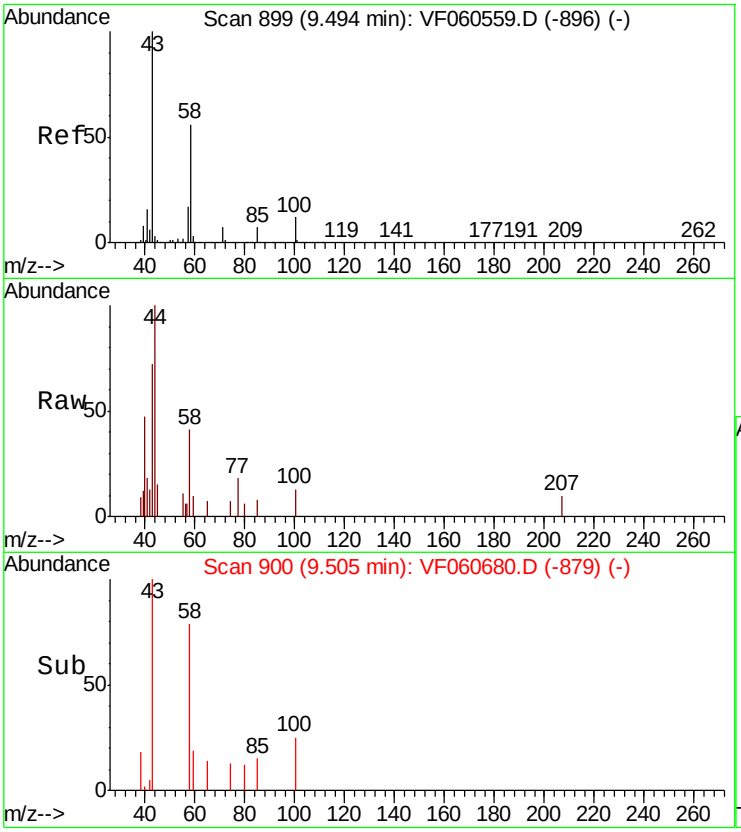


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 63 Resp: 250

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



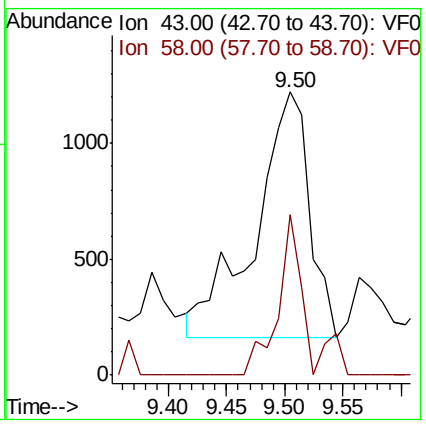


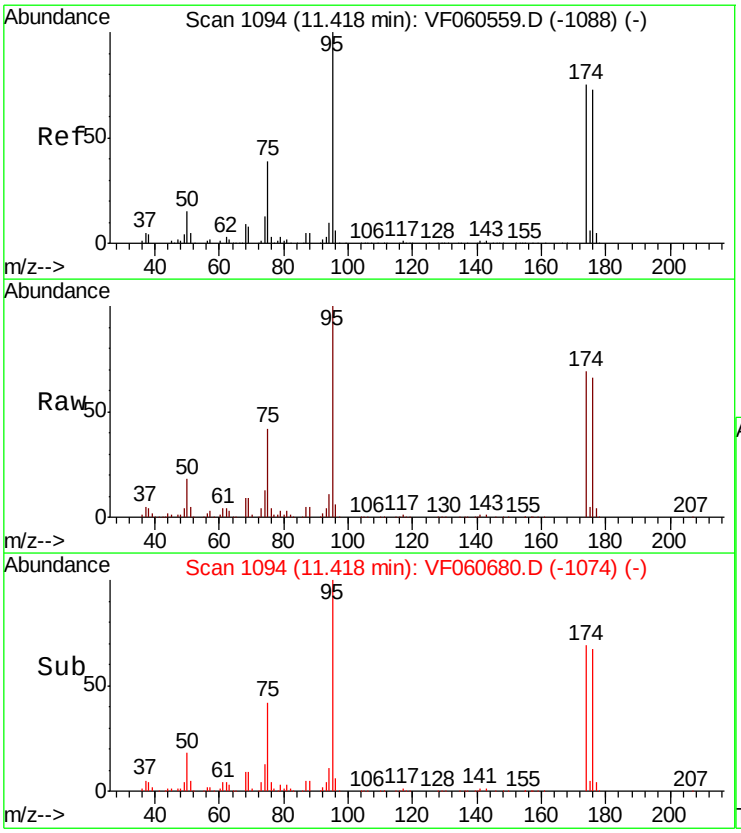
#59
2-Hexanone
Concen: Below Cal
RT: 9.50 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Tgt Ion: 43 Resp: 3433

Ion	Ratio	Lower	Upper
43	100		
58	56.5	26.1	78.3

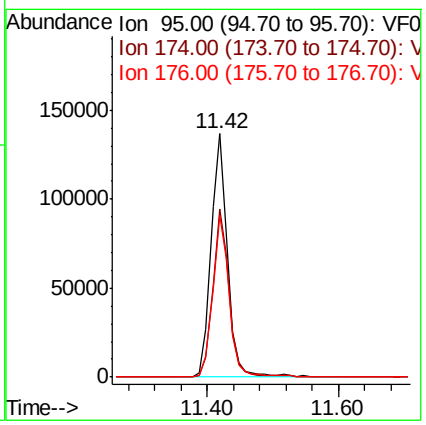


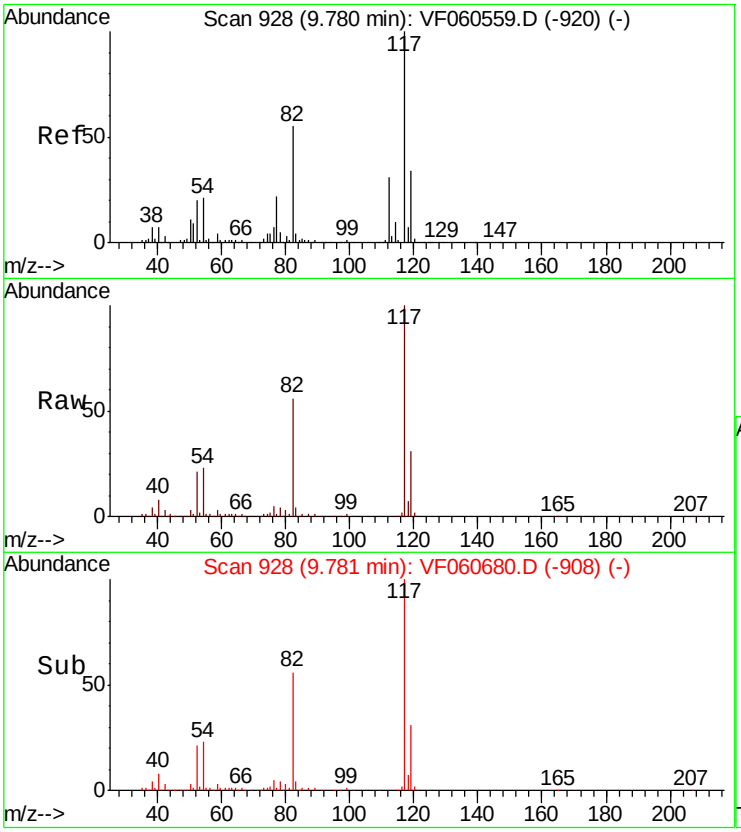


#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion: 95 Resp: 232579

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	149.0
176	66.5	0.0	145.6



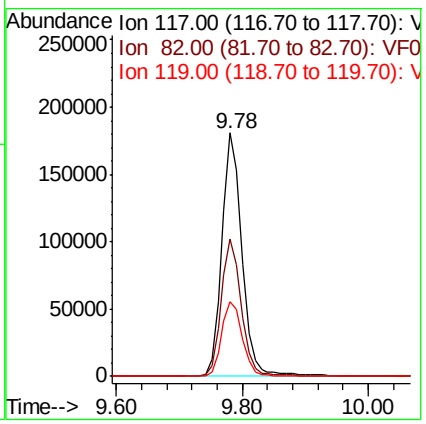


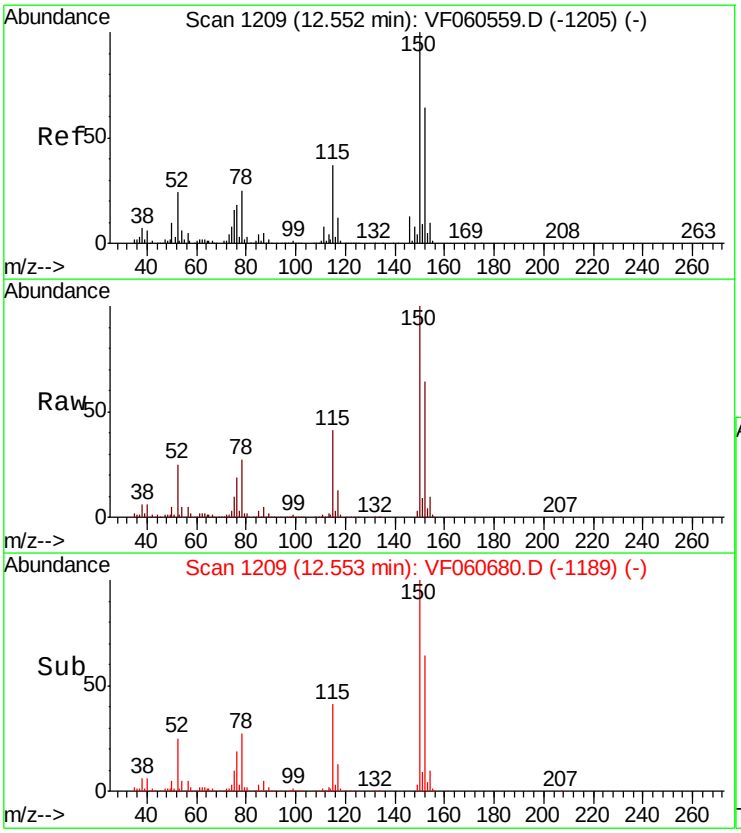
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument : MSVOA_F
ClientSampleId : SB-14RE

Tgt Ion:117 Resp: 401579

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.9	65.9
119	30.9	27.4	41.0

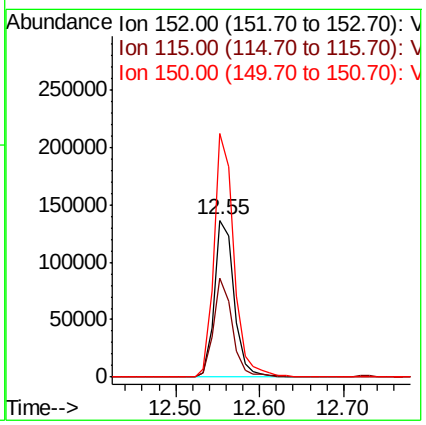


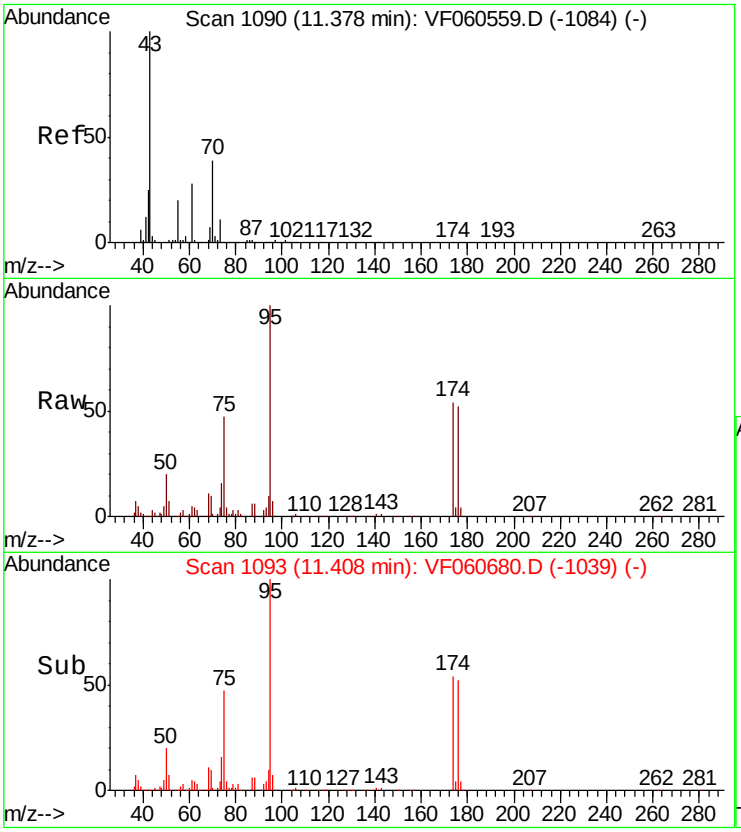


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion:152 Resp: 223892

Ion	Ratio	Lower	Upper
152	100		
115	63.3	29.6	88.8
150	155.2	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.41 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tgt Ion: 43 Resp: 196

Ion	Ratio	Lower	Upper
43	100		
70	177.9	30.9	46.3#
55	105.4	16.6	24.8#
61	1057.4	22.0	33.0#