Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060678.D
Acq On : 9 Nov 2018 18:09
Operator : VA/AP
Sample : J5269-13RE
Misc : 4.82g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Quant Time: Nov 12 04:14:01 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	243440	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	5.60	114	447507	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	397747	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	228348	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	137822	56.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.06%				
35) Dibromofluoromethane	4.12	113	173893	50.30	ug/l		0.01
Spiked Amount 50.000			Recovery = 100.60%				
50) Toluene-d8	7.56	98	435884	42.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.12%				
62) 4-Bromofluorobenzene	11.42	95	231567	51.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.95	85	72	Below Cal		#	41
6) Chloroethane	1.30	64	78	Below Cal		#	1
8) Diethyl Ether	1.63	74	1292	1.897	ug/l		59
11) Tert butyl alcohol	2.57	59	698	Below Cal		#	49
13) Acrolein	2.12	56	443	Below Cal			90
16) Acetone	2.23	43	25631	44.223	ug/l		95
18) Methyl Acetate	2.35	43	2423	3.145	ug/l		95
20) Methylene Chloride	2.19	84	6156	Below Cal			85
25) 2-Butanone	4.33	43	4110	Below Cal		#	76
29) Tetrahydrofuran	4.07	42	464	Below Cal		#	72
58) 2-Chloroethyl Vinyl ether	7.64	63	378	Below Cal			100
59) 2-Hexanone	9.51	43	2686	Below Cal			94
74) N-amyl acetate	11.37	43	936	Below Cal		#	51
89) n-Butylbenzene	12.85	91	1187	Below Cal			74

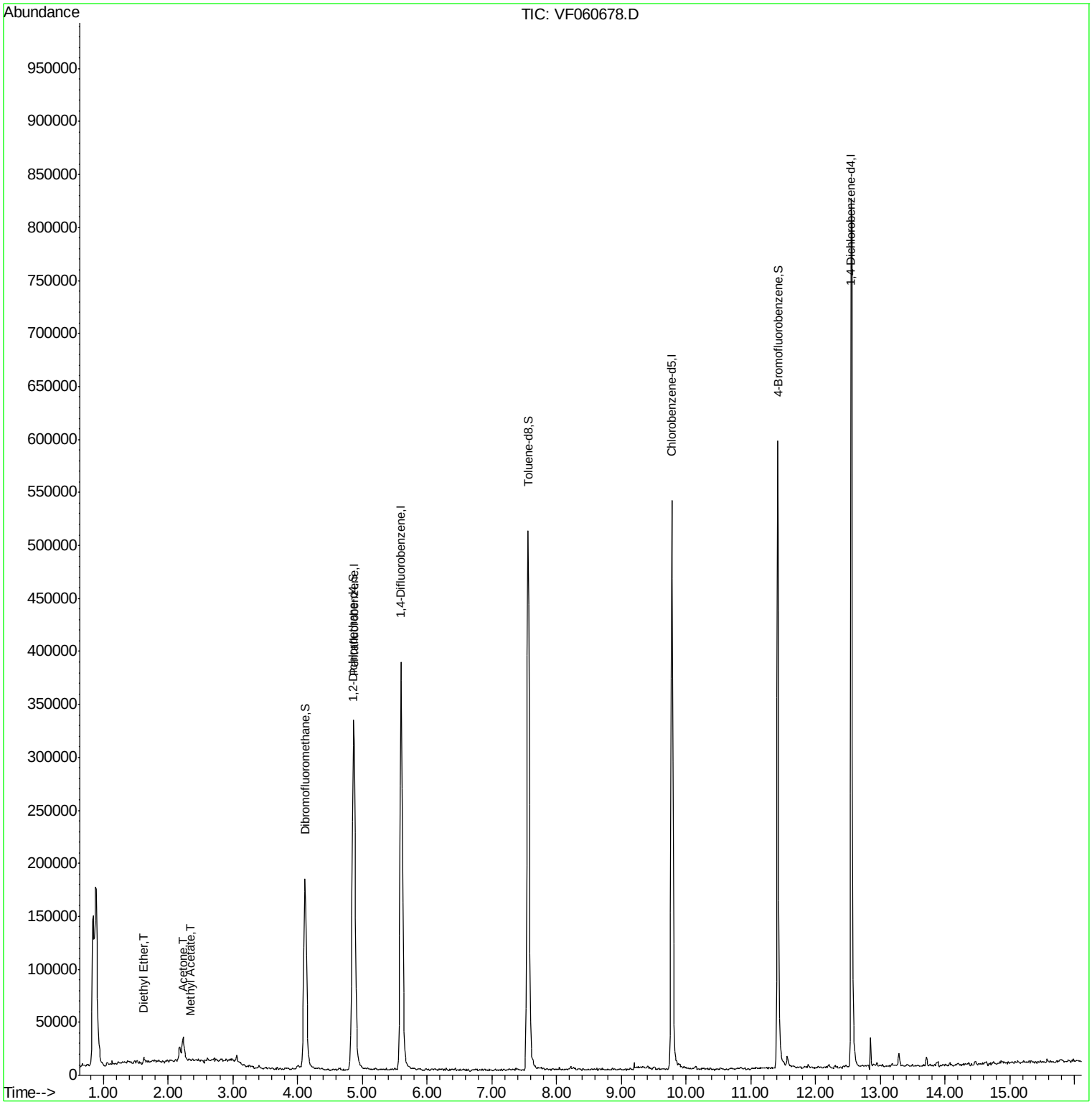
(#) = qualifier out of range (m) = manual integration (+) = signals summed

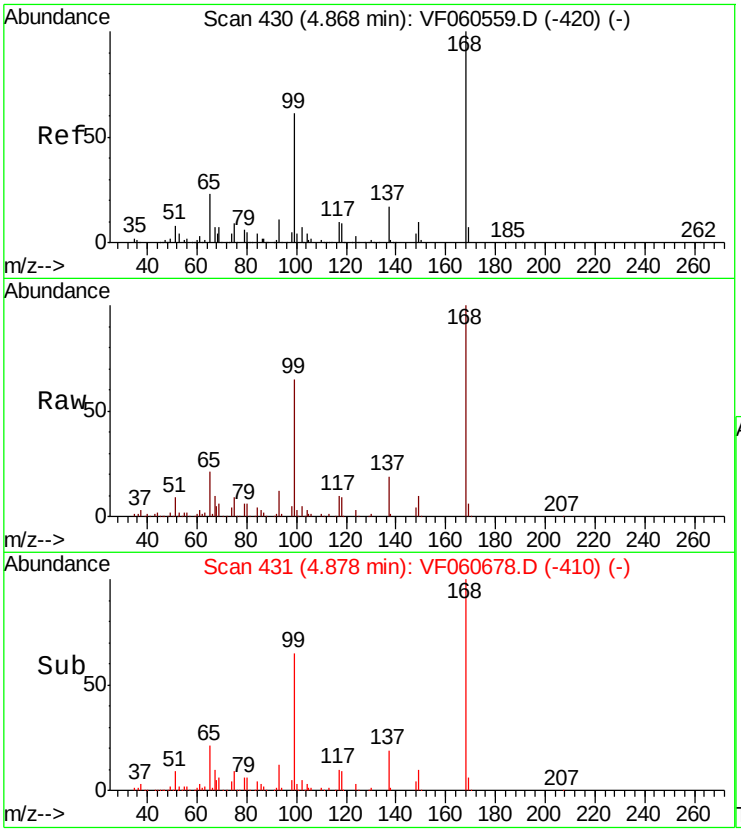
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060678.D
Acq On : 9 Nov 2018 18:09
Operator : VA/AP
Sample : J5269-13RE
Misc : 4.82g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-13-S

Quant Time: Nov 12 04:14:01 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



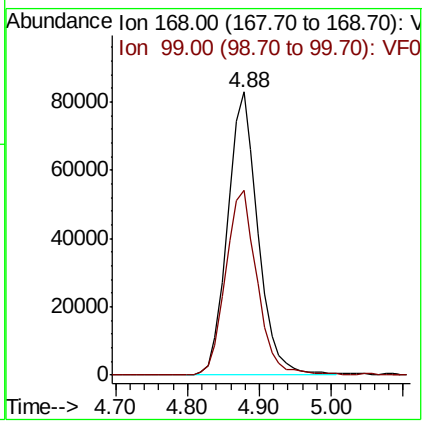


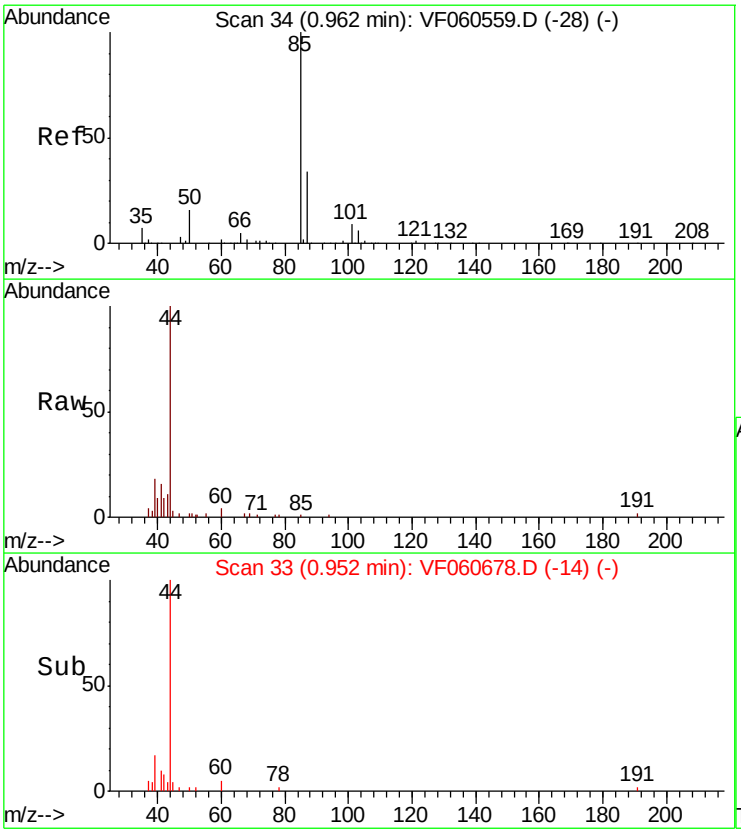
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion:168 Resp: 243440

Ion	Ratio	Lower	Upper
168	100		
99	65.4	48.6	72.8

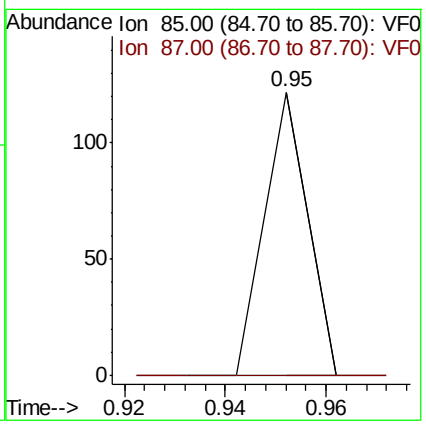


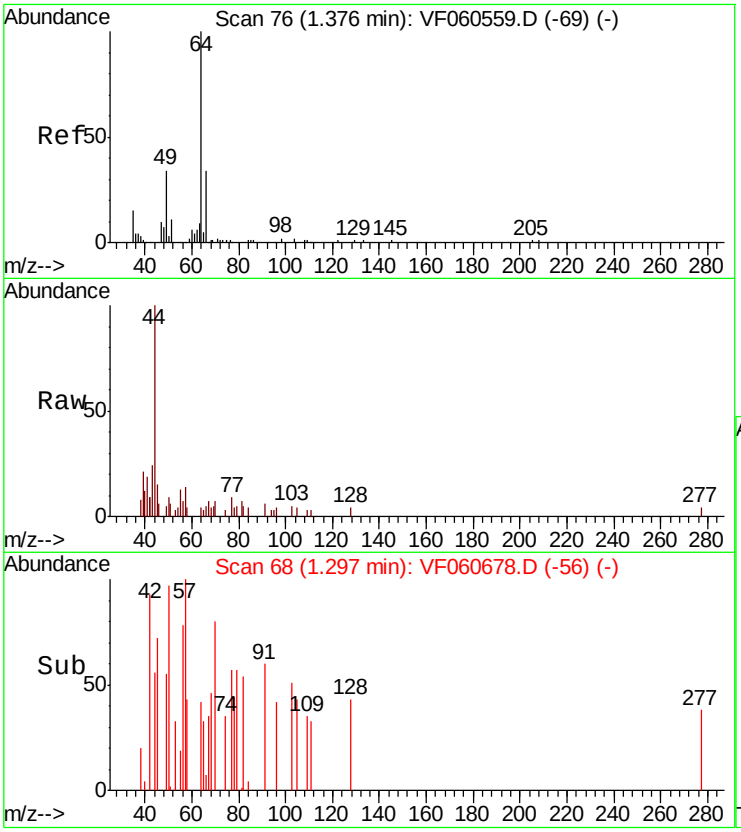


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.95 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 85 Resp: 72

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



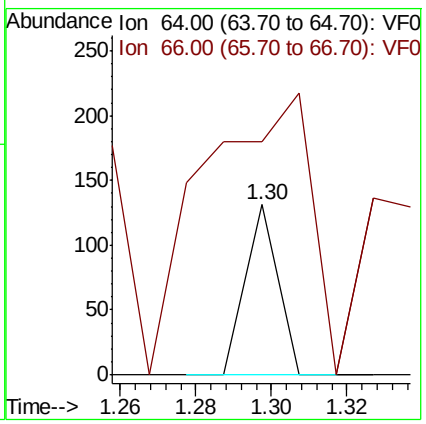


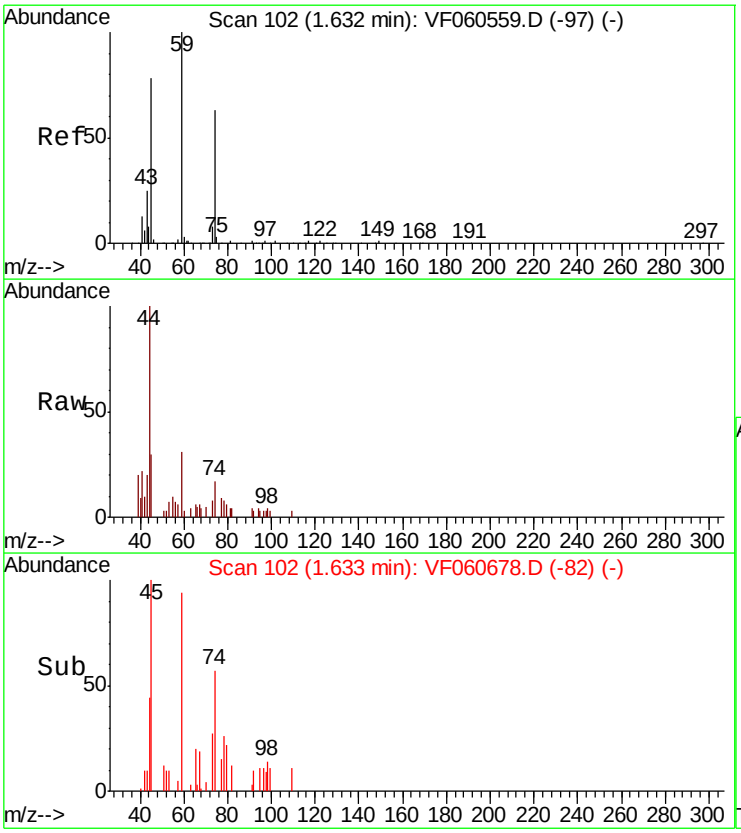
#6
Chloroethane
Concen: Below Cal
RT: 1.30 min Scan# 68
Delta R.T. -0.08 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion: 64 Resp: 78

Ion	Ratio	Lower	Upper
64	100		
66	137.4	27.8	41.8#

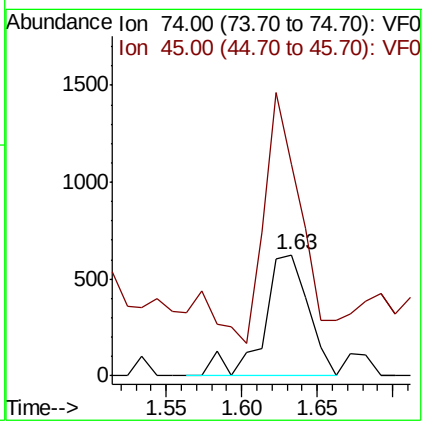


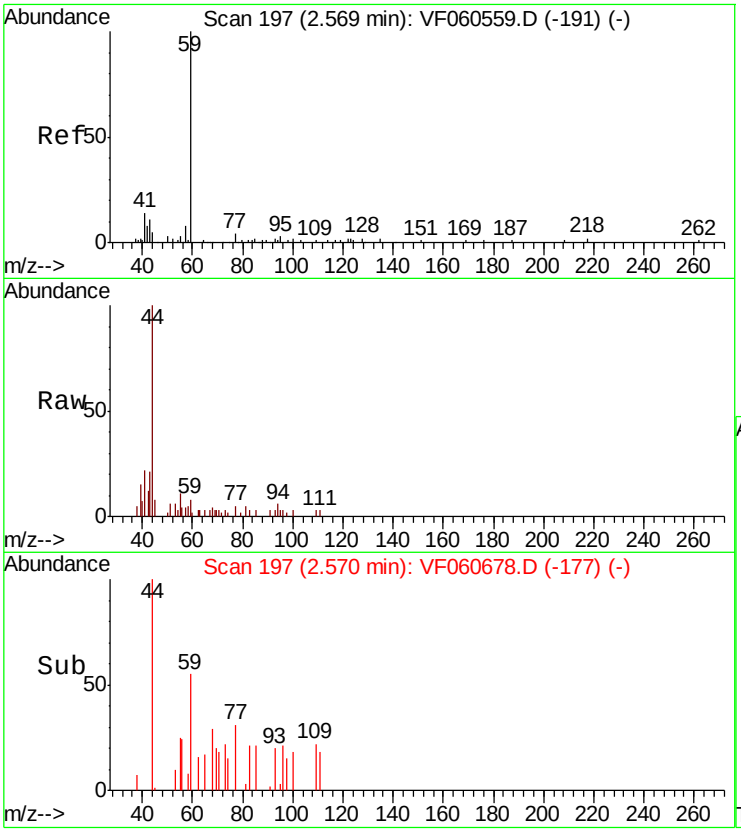


#8
Diethyl Ether
Concen: 1.897 ug/l
RT: 1.63 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 74 Resp: 1292

Ion	Ratio	Lower	Upper
74	100		
45	174.8	63.8	191.5



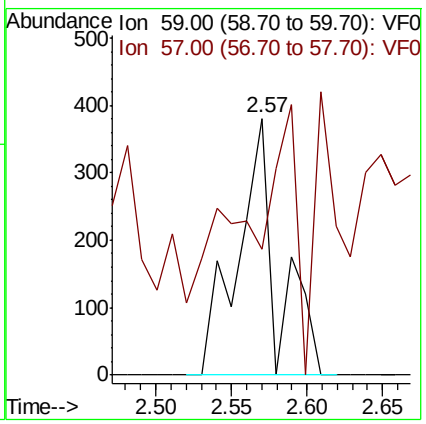


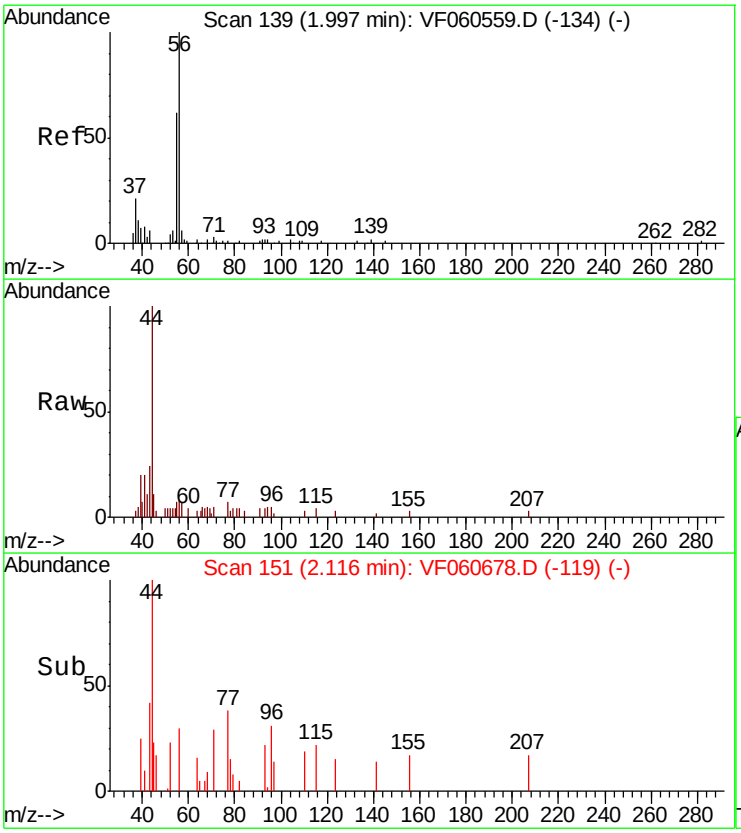
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion: 59 Resp: 698

Ion	Ratio	Lower	Upper
59	100		
57	48.8	19.0	28.4#

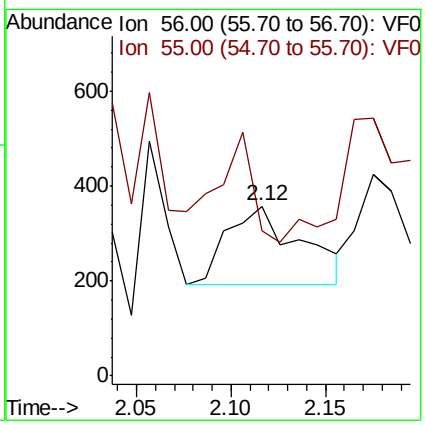


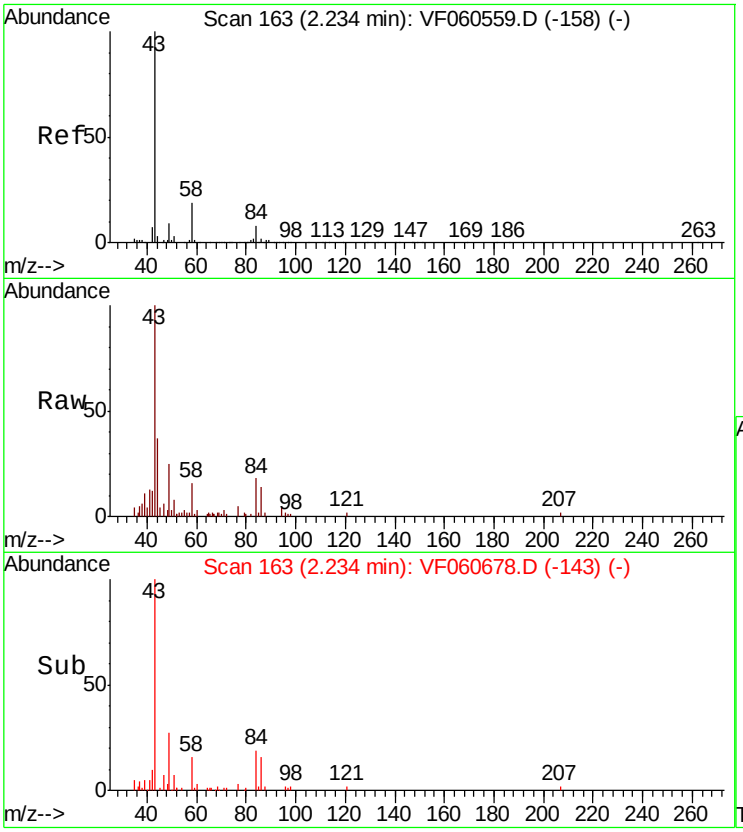


#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 151
Delta R.T. 0.12 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 56 Resp: 443

Ion	Ratio	Lower	Upper
56	100		
55	85.5	61.8	92.6



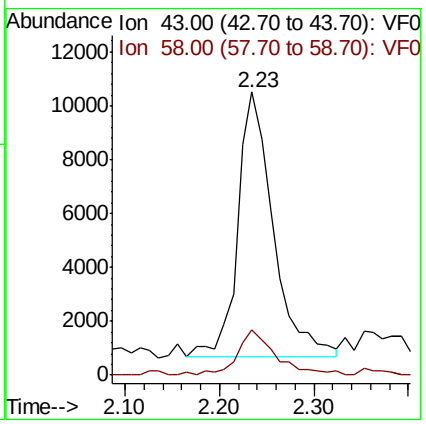


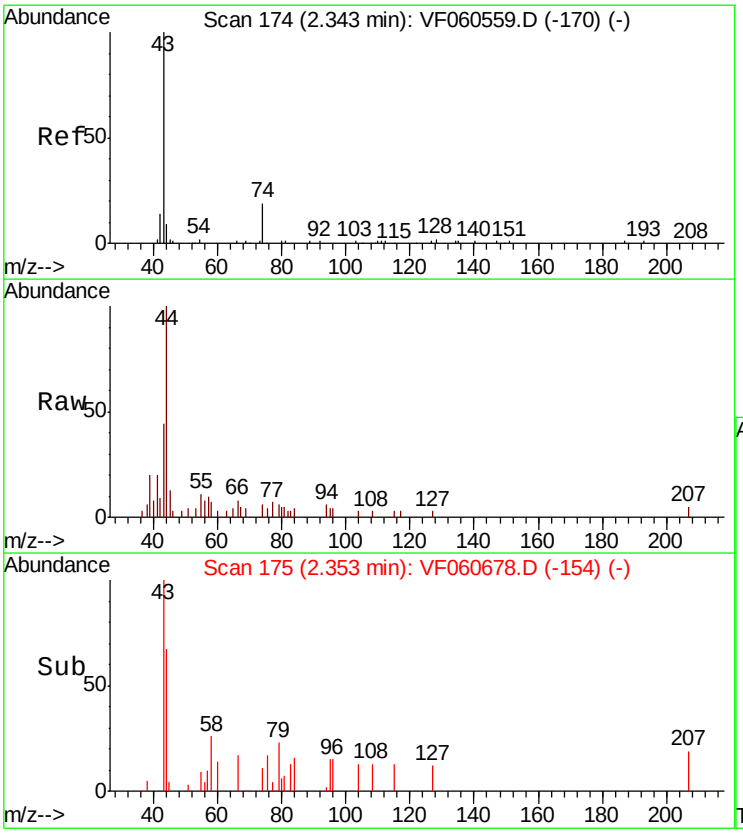
#16
Acetone
Concen: 44.223 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
SB-13-S

Tgt Ion: 43 Resp: 25631

Ion	Ratio	Lower	Upper
43	100		
58	16.1	14.6	22.0

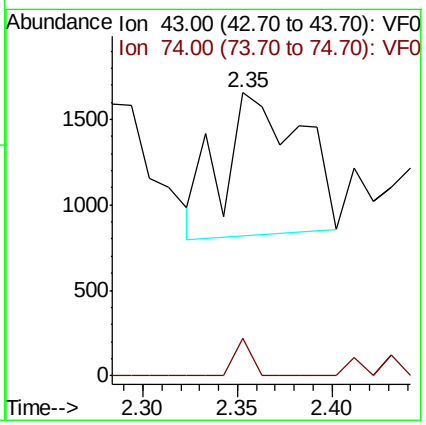


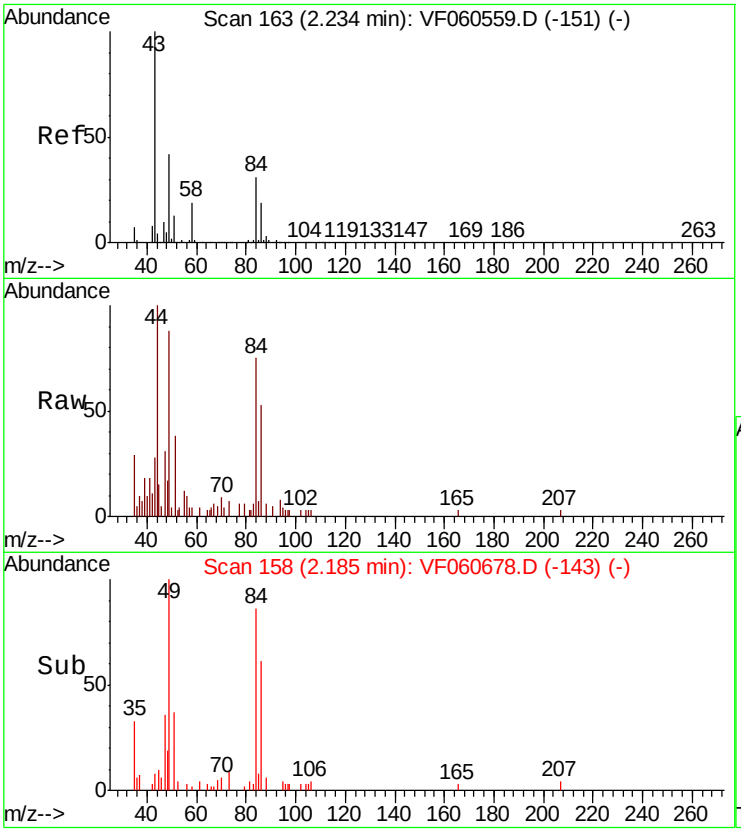


#18
Methyl Acetate
Concen: 3.145 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 43 Resp: 2423

Ion	Ratio	Lower	Upper
43	100		
74	13.1	12.1	18.1



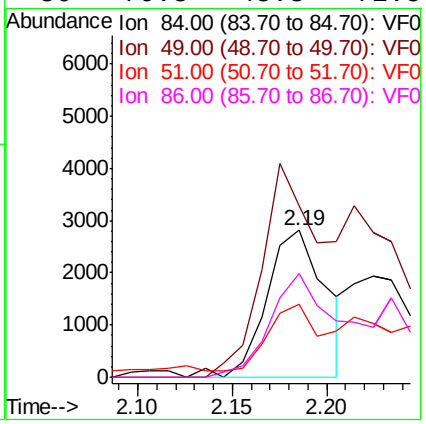


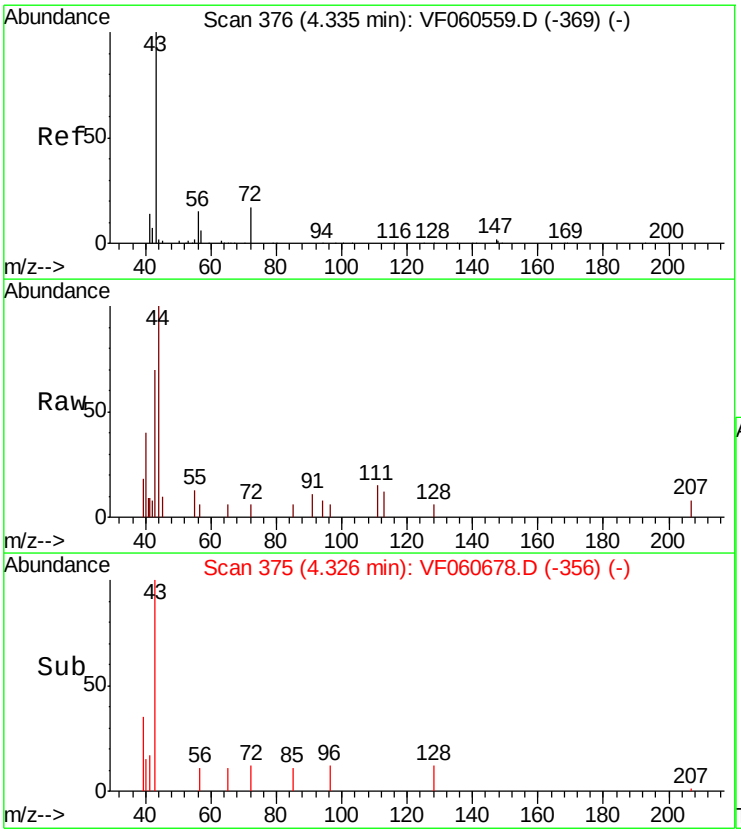
#20
Methylene Chloride
Concen: Below Cal
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion: 84 Resp: 6156

Ion	Ratio	Lower	Upper
84	100		
49	116.7	109.9	164.9
51	50.0	35.8	53.8
86	70.8	48.3	72.5

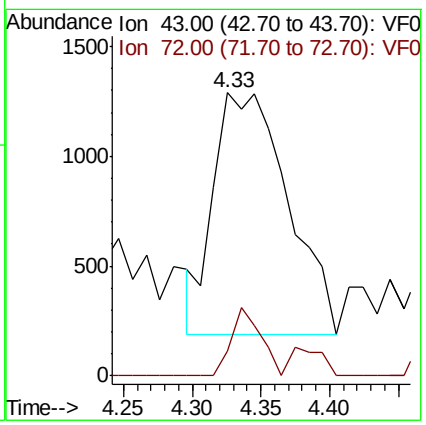


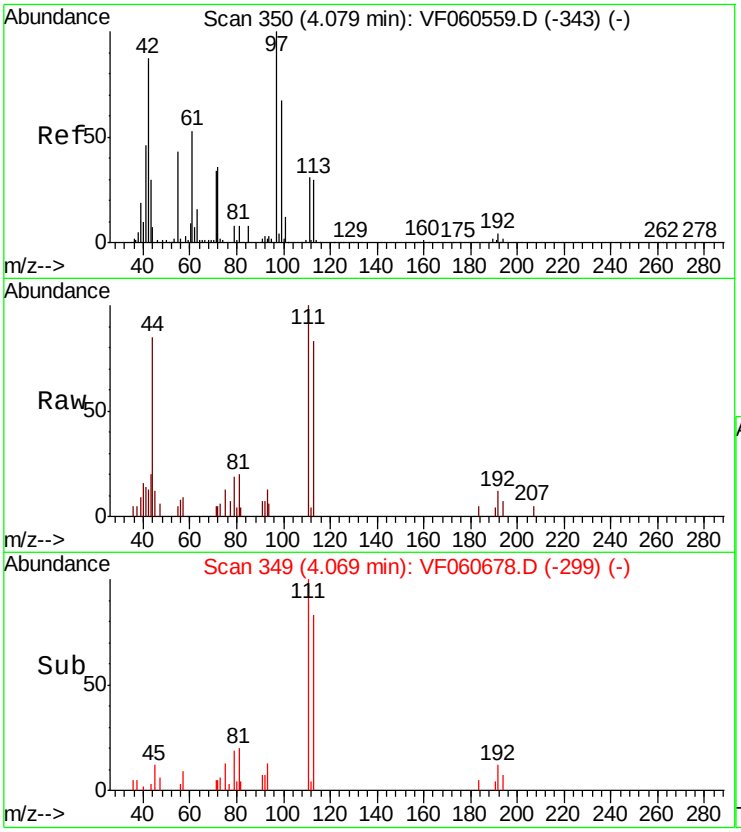


#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 43 Resp: 4110

Ion	Ratio	Lower	Upper
43	100		
72	8.9	16.2	24.2#



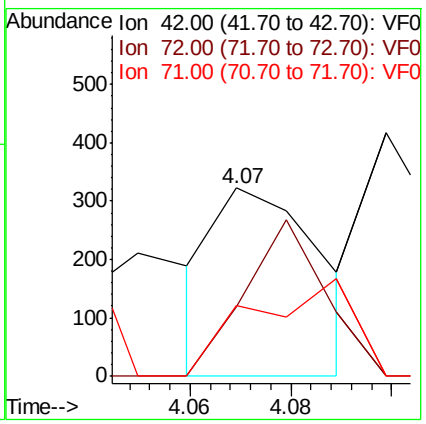


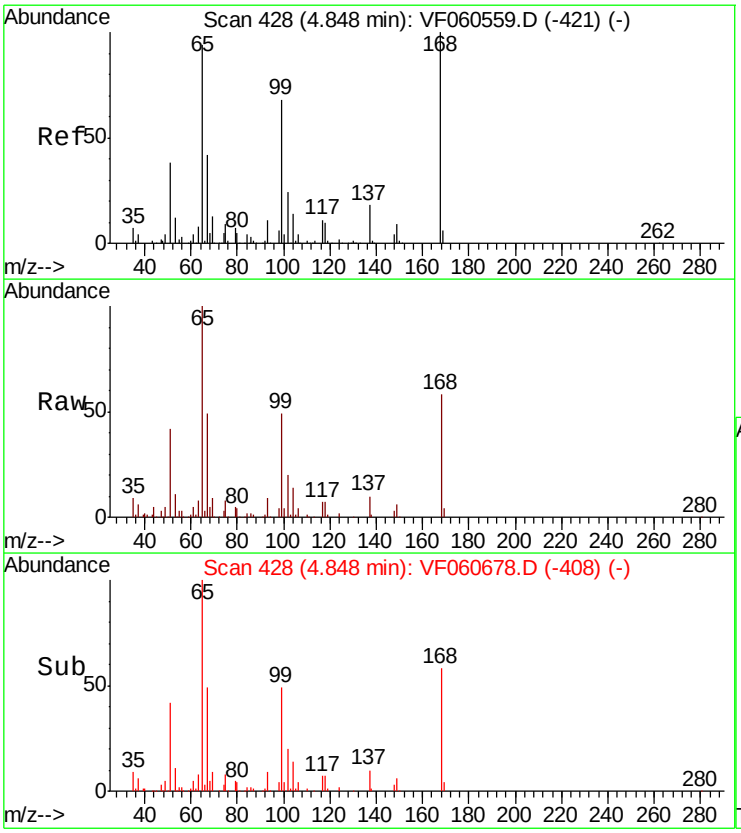
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
72	63.6	31.4	47.0#
71	49.6	31.8	47.6#

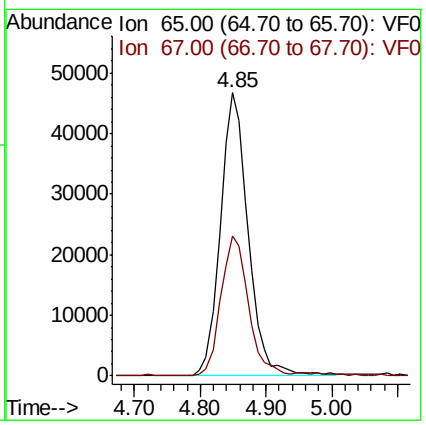


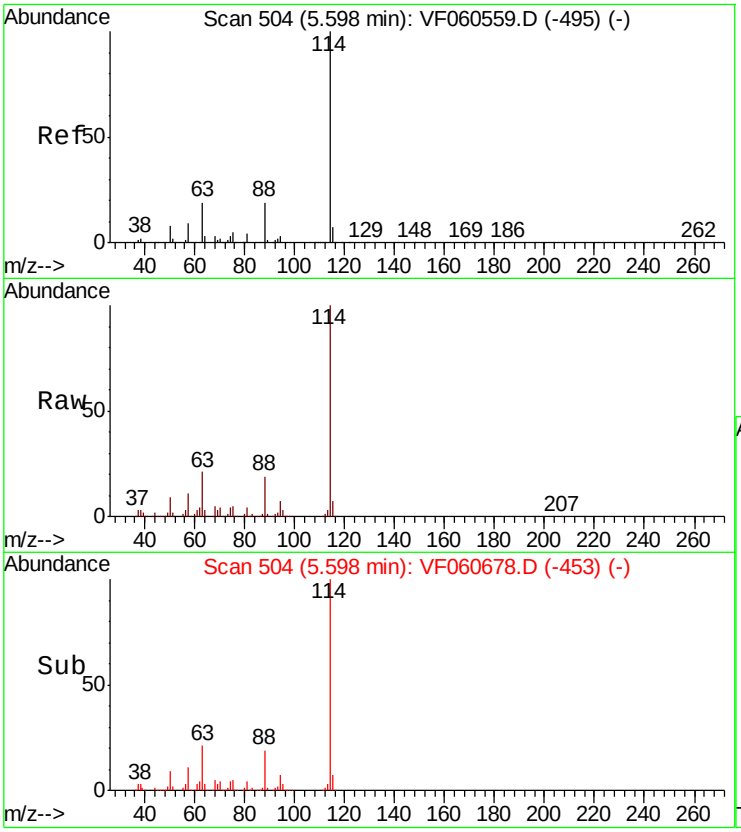


#33
1,2-Dichloroethane-d4
Concen: 56.033 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 65 Resp: 137822

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	101.8



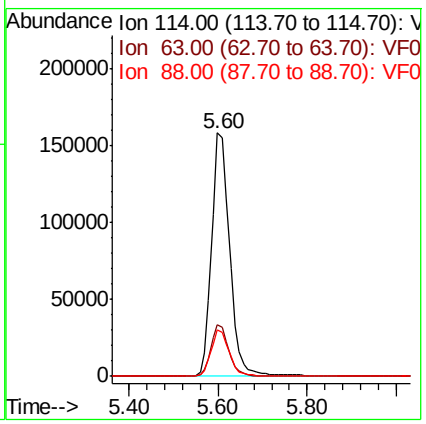


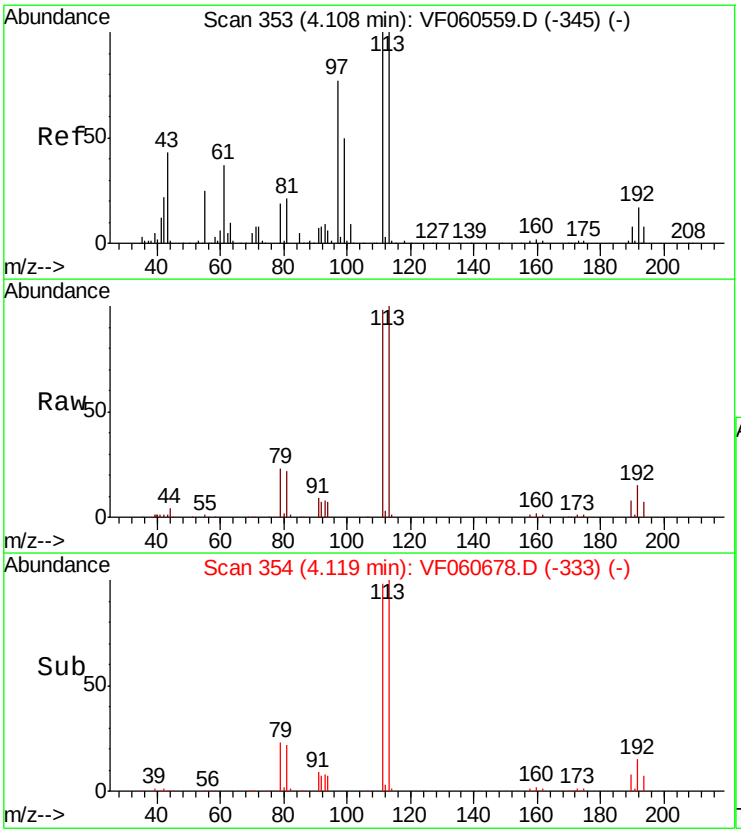
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
SB-13-S

Tgt Ion:114 Resp: 447507

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	19.0	0.0	38.2

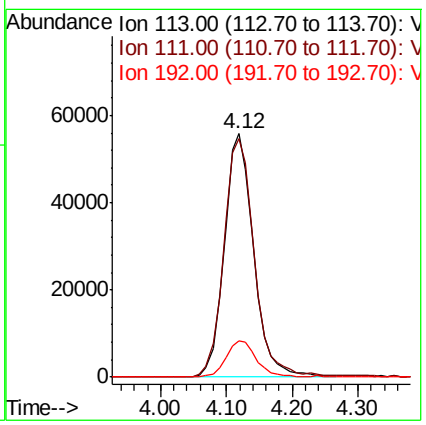


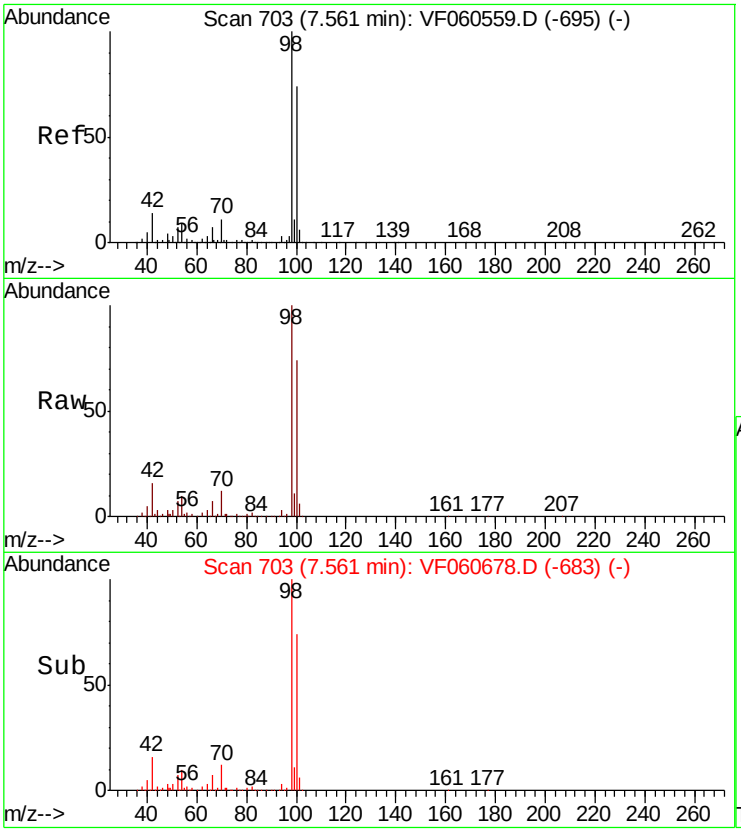


#35
Dibromofluoromethane
Concen: 50.296 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion:113 Resp: 173893

Ion	Ratio	Lower	Upper
113	100		
111	98.0	79.9	119.9
192	14.8	13.3	19.9



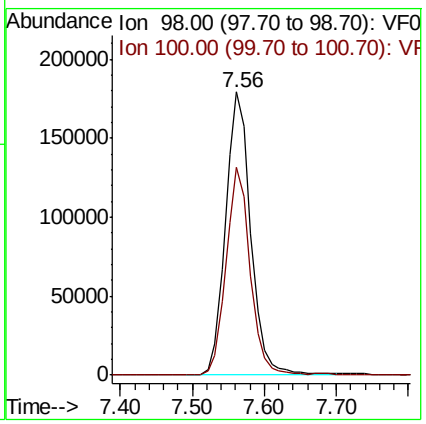


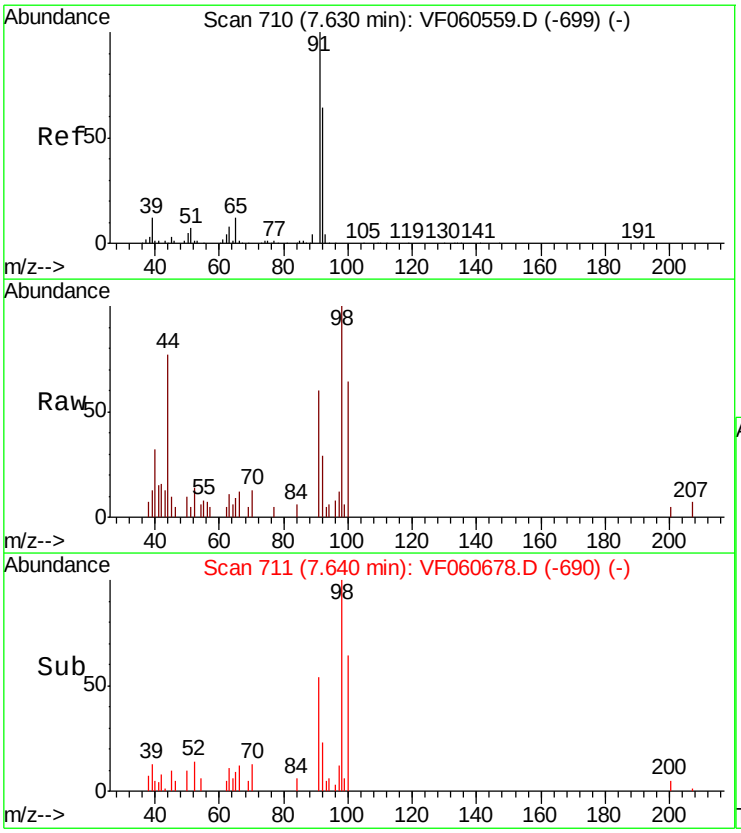
#50
Toluene-d8
Concen: 42.559 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
SB-13-S

Tgt Ion: 98 Resp: 435884

Ion	Ratio	Lower	Upper
98	100		
100	73.6	59.4	89.2

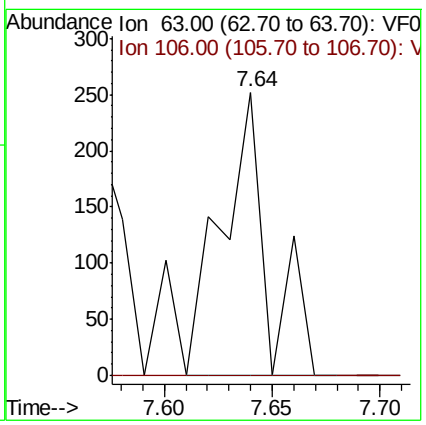


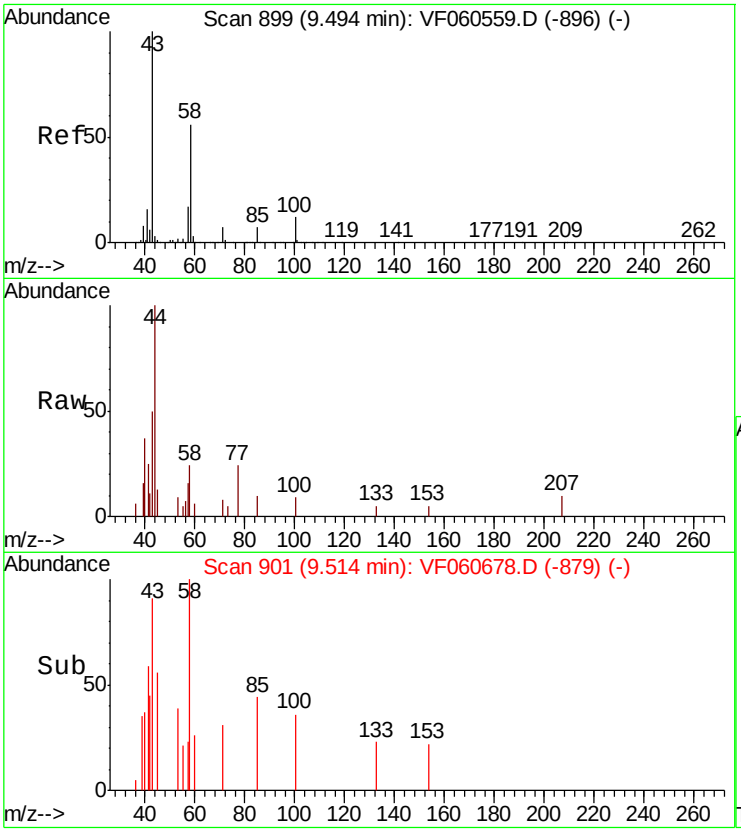


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.64 min Scan# 711
Delta R.T. 0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 63 Resp: 378

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



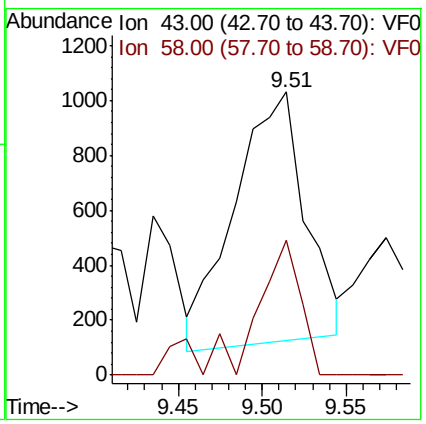


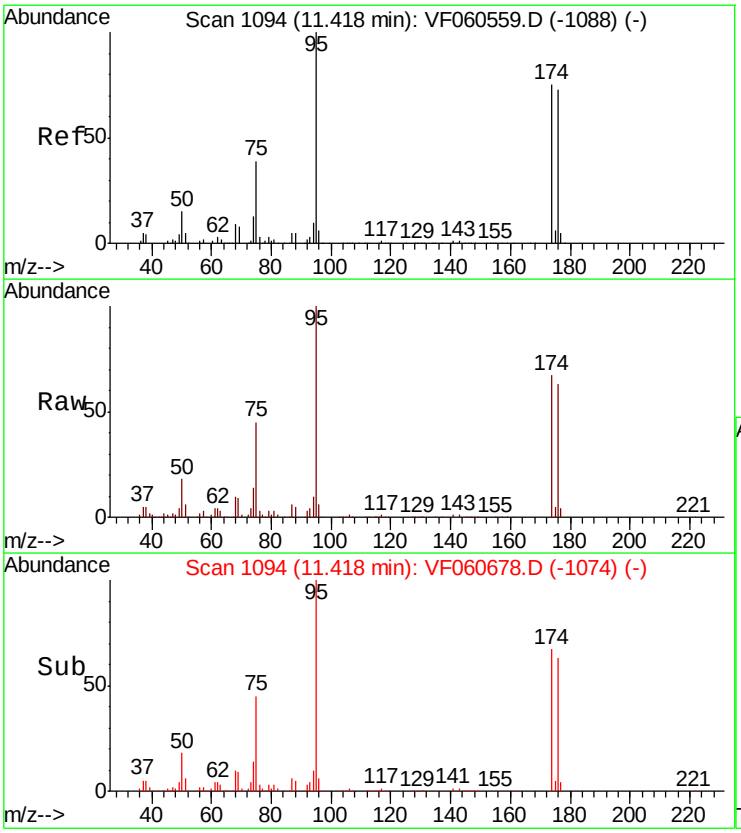
#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 901
Delta R.T. 0.02 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion: 43 Resp: 2686

Ion	Ratio	Lower	Upper
43	100		
58	47.8	26.1	78.3

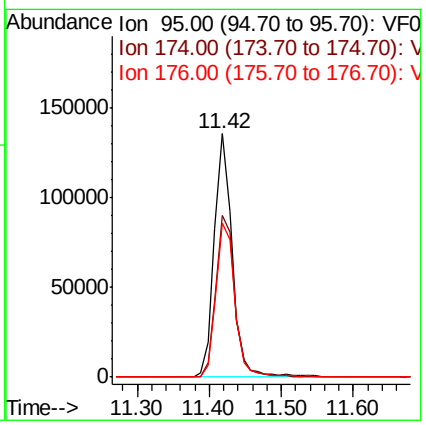


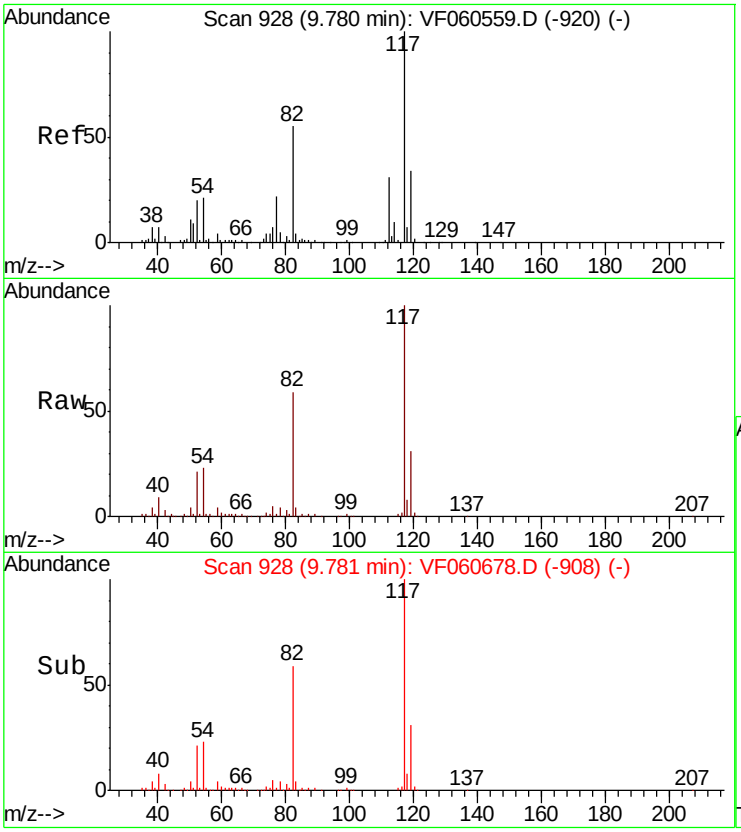


#62
4-Bromofluorobenzene
Concen: 51.689 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion: 95 Resp: 231567

Ion	Ratio	Lower	Upper
95	100		
174	66.5	0.0	149.0
176	63.2	0.0	145.6



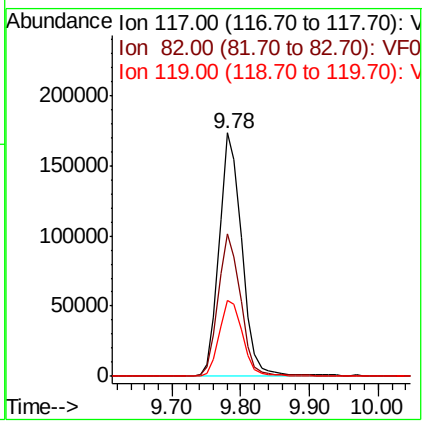


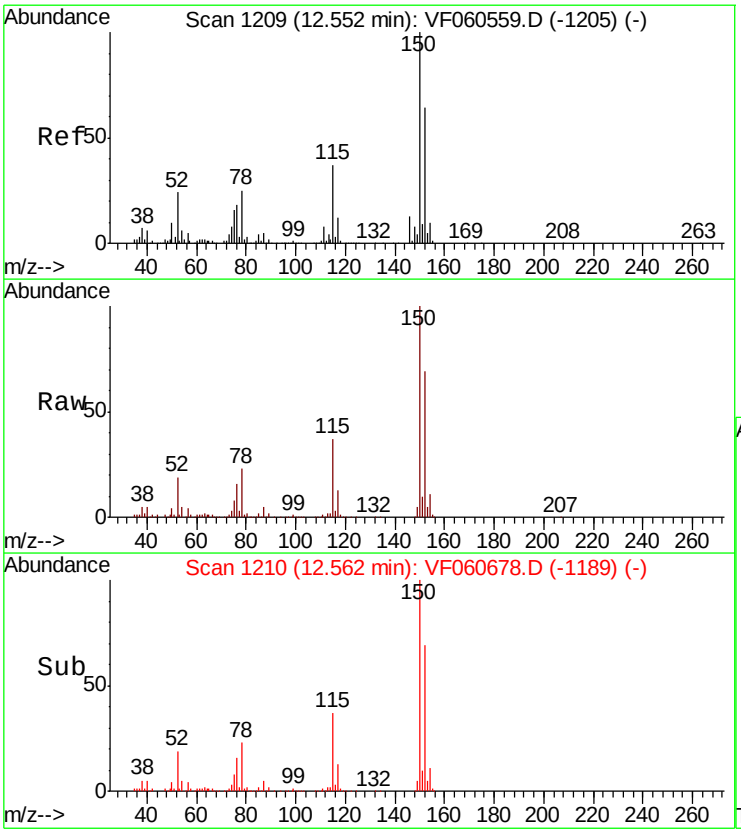
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument : MSVOA_F
ClientSampleId : SB-13-S

Tgt Ion:117 Resp: 397747

Ion	Ratio	Lower	Upper
117	100		
82	58.7	43.9	65.9
119	31.2	27.4	41.0

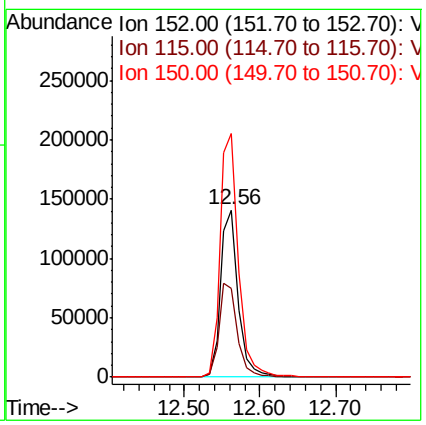


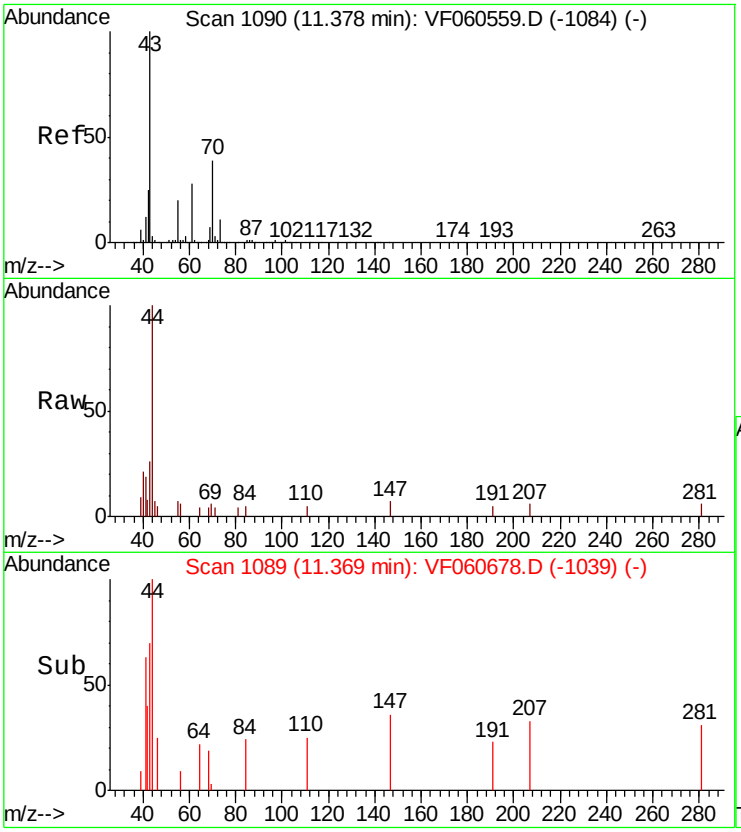


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Tgt Ion:152 Resp: 228348

Ion	Ratio	Lower	Upper
152	100		
115	53.3	29.6	88.8
150	145.7	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060678.D
Acq: 9 Nov 2018 18:09

Instrument :
MSVOA_F
ClientSampleId :
SB-13-S

Tgt Ion: 43 Resp: 936

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	28.3	16.6	24.8#
61	0.0	22.0	33.0#