Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060677.D
Acq On : 9 Nov 2018 17:40
Operator : VA/AP
Sample : J5269-09RE
Misc : 6.58g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-12-D

Quant Time: Nov 12 04:13:51 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	4.87	168	244041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	415189	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	381501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	225335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	128873	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.54%			
35) Dibromofluoromethane	4.11	113	158697	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
50) Toluene-d8	7.56	98	439818	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.58%			
62) 4-Bromofluorobenzene	11.41	95	210230	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	175	Below Cal	#	41
6) Chloroethane	1.41	64	93	Below Cal	#	36
11) Tert butyl alcohol	2.58	59	201	Below Cal	#	1
13) Acrolein	1.95	56	700	Below Cal		84
15) Acrylonitrile	2.94	53	818	2.784 ug/l	#	17
16) Acetone	2.24	43	13546	23.314 ug/l	#	79
18) Methyl Acetate	2.36	43	611	1.150 ug/l	#	64
25) 2-Butanone	4.30	43	1054	Below Cal		97
29) Tetrahydrofuran	4.12	42	794	Below Cal	#	73
49) 1,4-Dioxane	6.73	88	62	3.397 ug/l	#	9
51) 4-Methyl-2-Pentanone	8.27	43	2556	1.369 ug/l	#	83
58) 2-Chloroethyl Vinyl ether	7.64	63	500	Below Cal		100
59) 2-Hexanone	9.50	43	2831	Below Cal		69
74) N-amyl acetate	11.37	43	606	Below Cal	#	67
89) n-Butylbenzene	12.84	91	899	Below Cal		79

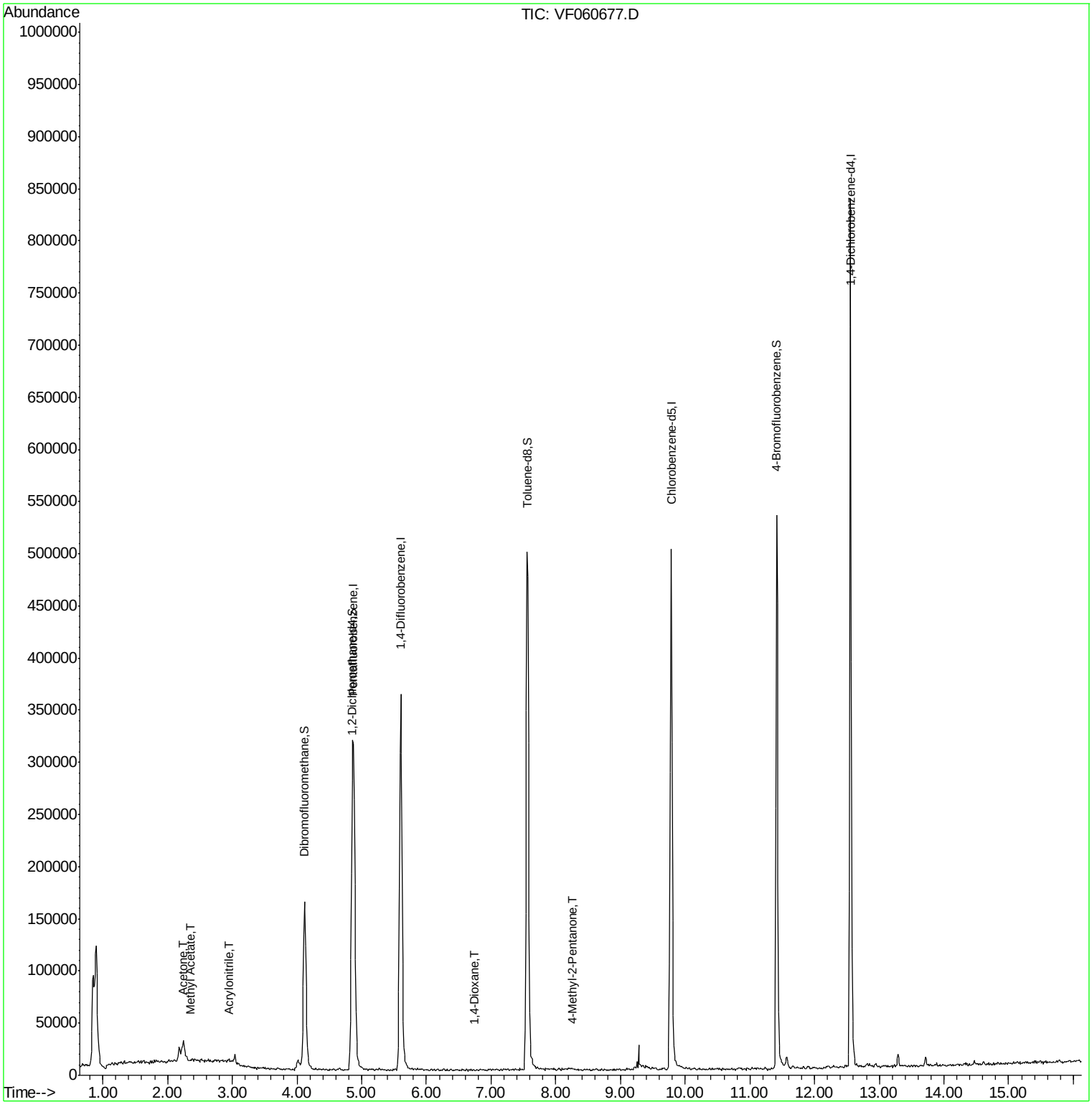
(#) = qualifier out of range (m) = manual integration (+) = signals summed

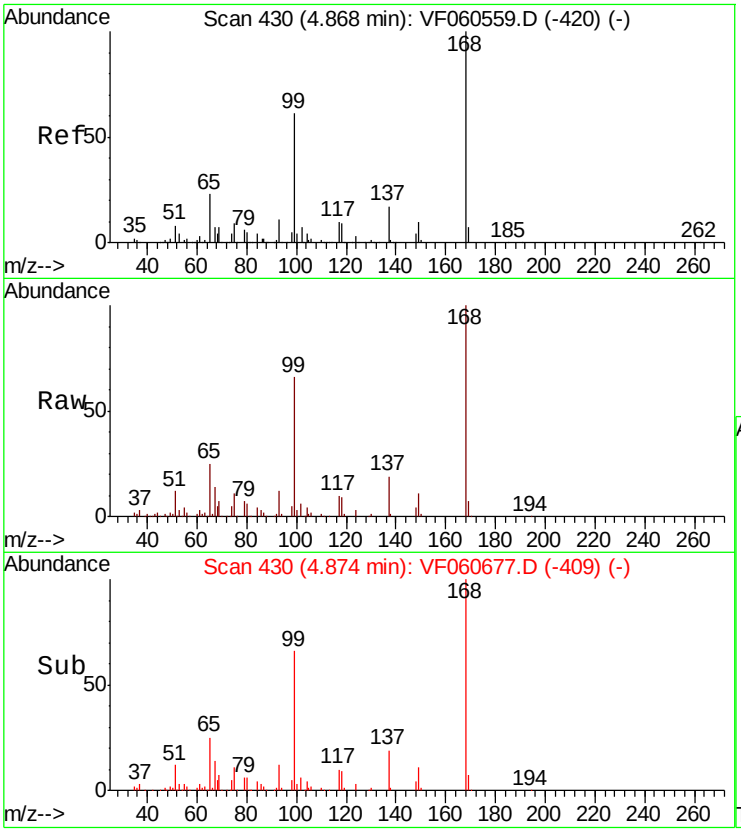
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060677.D
Acq On : 9 Nov 2018 17:40
Operator : VA/AP
Sample : J5269-09RE
Misc : 6.58g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Quant Time: Nov 12 04:13:51 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



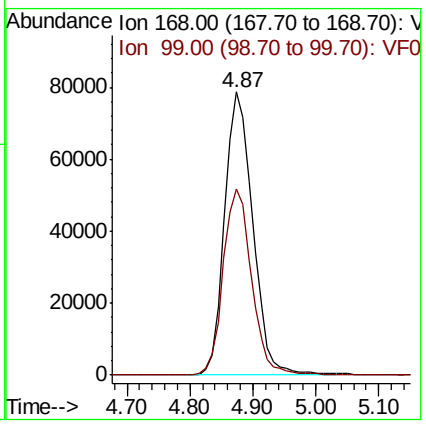


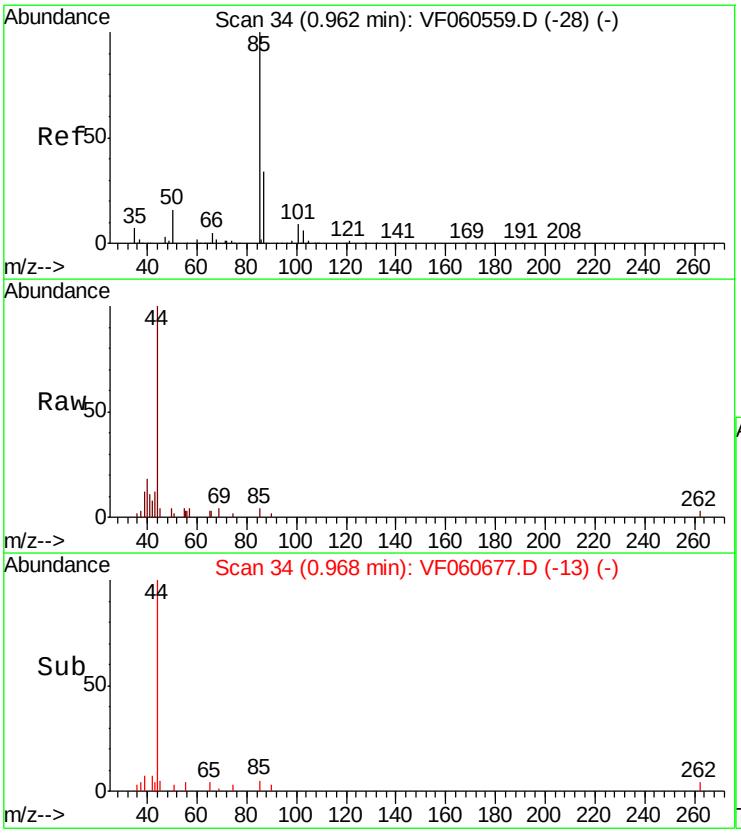
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion:168 Resp: 244041

Ion	Ratio	Lower	Upper
168	100		
99	65.9	48.6	72.8

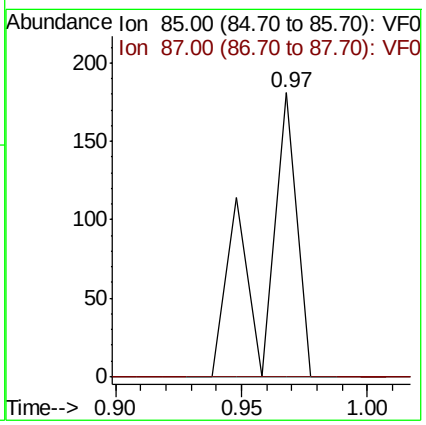


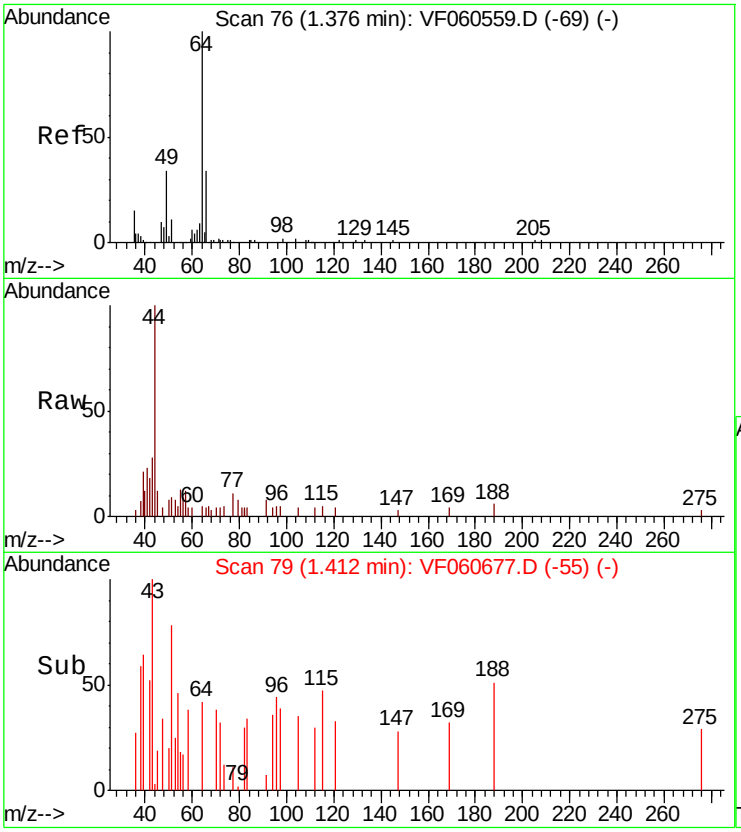


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.97 min Scan# 34
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 85 Resp: 175

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



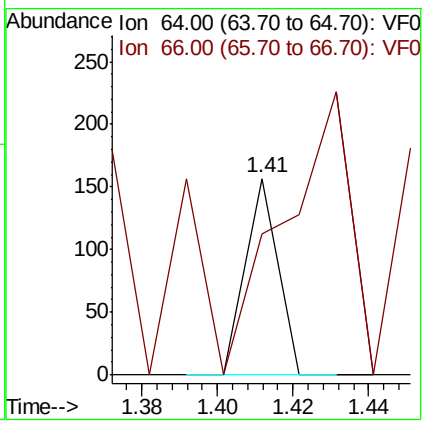


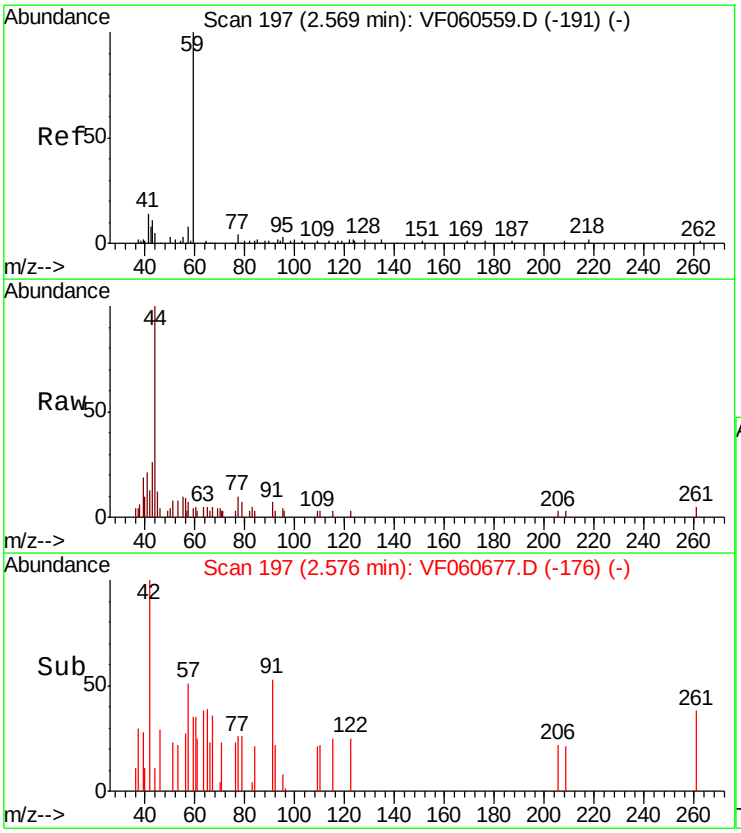
#6
Chloroethane
Concen: Below Cal
RT: 1.41 min Scan# 79
Delta R.T. 0.04 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument : MSVOA_F
ClientSampleId : SB-12-D

Tgt Ion: 64 Resp: 93

Ion	Ratio	Lower	Upper
64	100		
66	72.0	27.8	41.8#

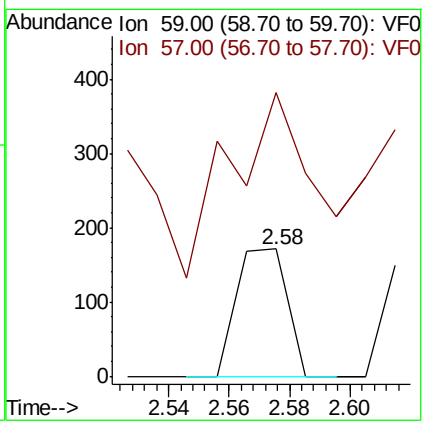


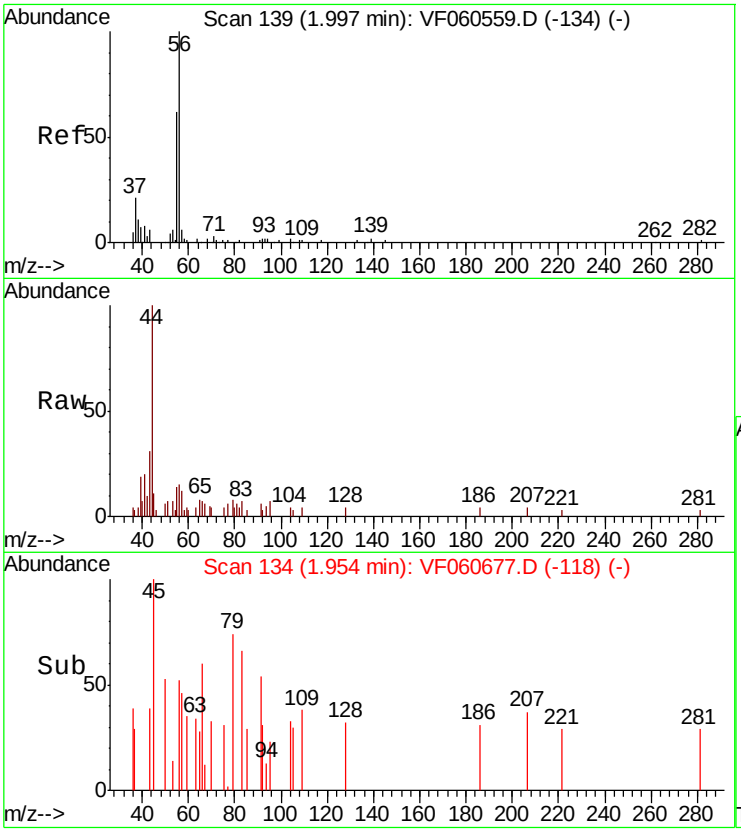


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.58 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 59 Resp: 201

Ion	Ratio	Lower	Upper
59	100		
57	223.4	19.0	28.4#



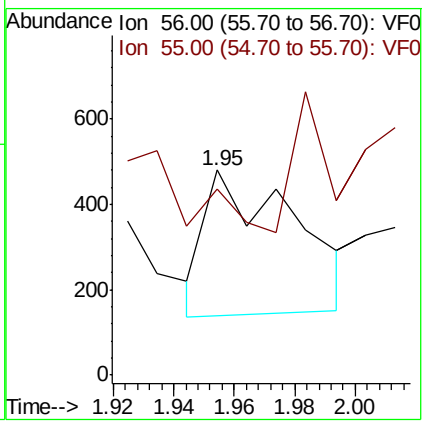


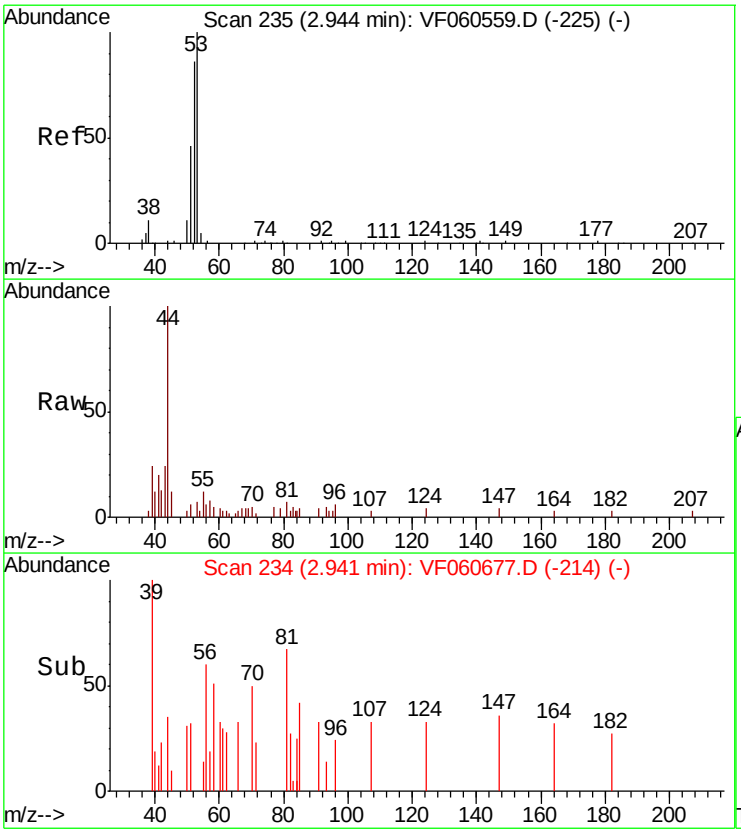
#13
Acrolein
Concen: Below Cal
RT: 1.95 min Scan# 134
Delta R.T. -0.04 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument : MSVOA_F
ClientSampleId : SB-12-D

Tgt Ion: 56 Resp: 700

Ion	Ratio	Lower	Upper
56	100		
55	90.6	61.8	92.6

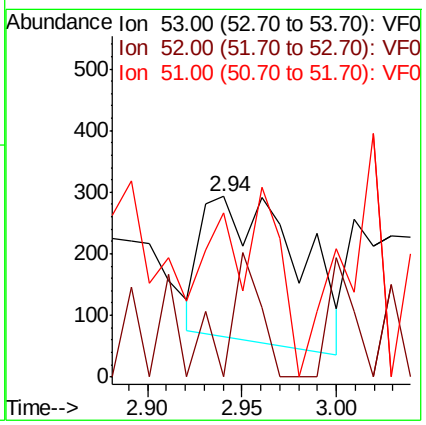


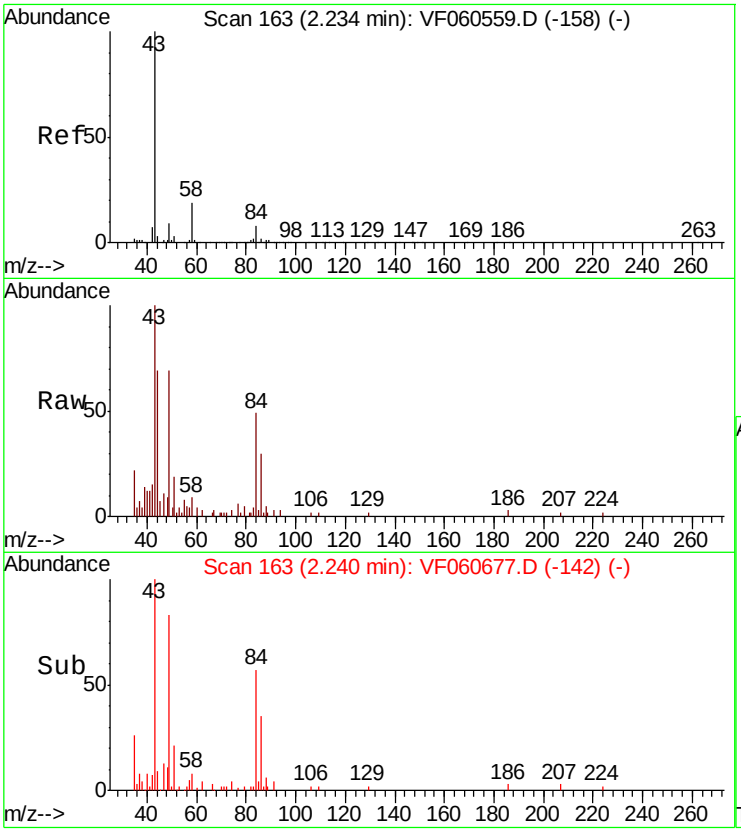


#15
Acrylonitrile
Concen: 2.784 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 53 Resp: 818

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	91.1	38.2	57.2#



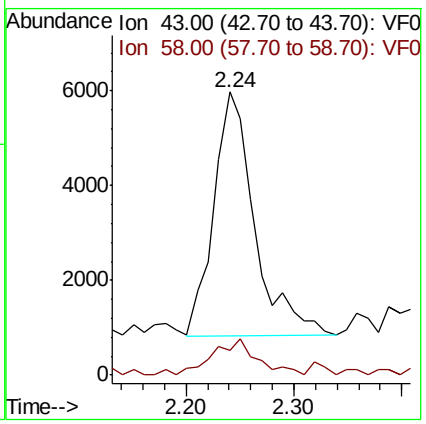


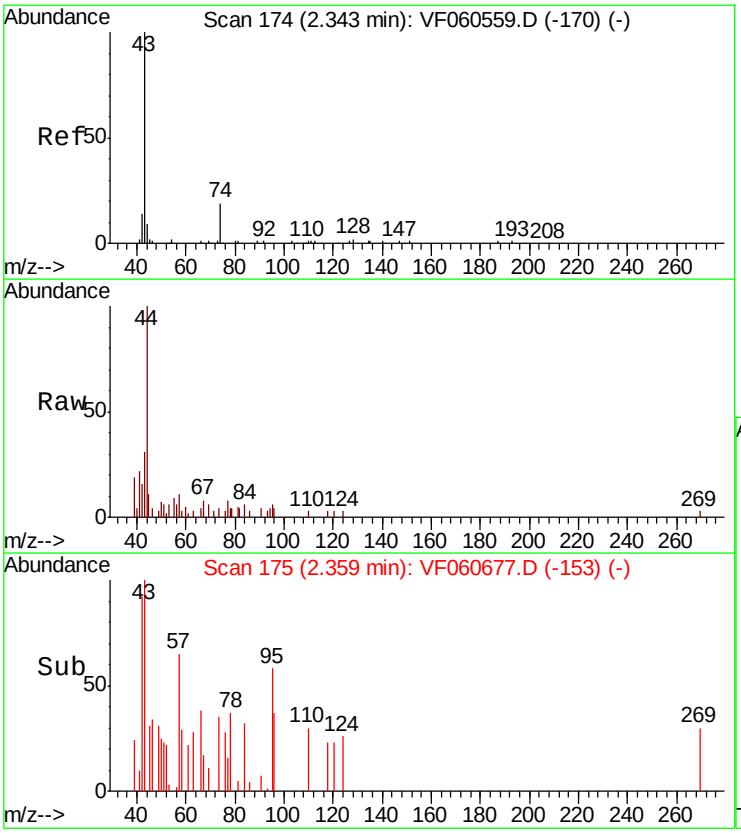
#16
Acetone
Concen: 23.314 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument : MSVOA_F
ClientSampleId : SB-12-D

Tgt Ion: 43 Resp: 13546

Ion	Ratio	Lower	Upper
43	100		
58	8.8	14.6	22.0#

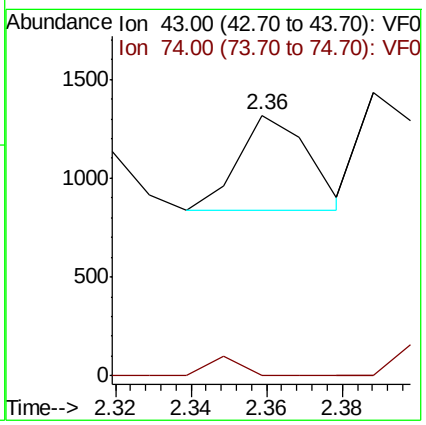


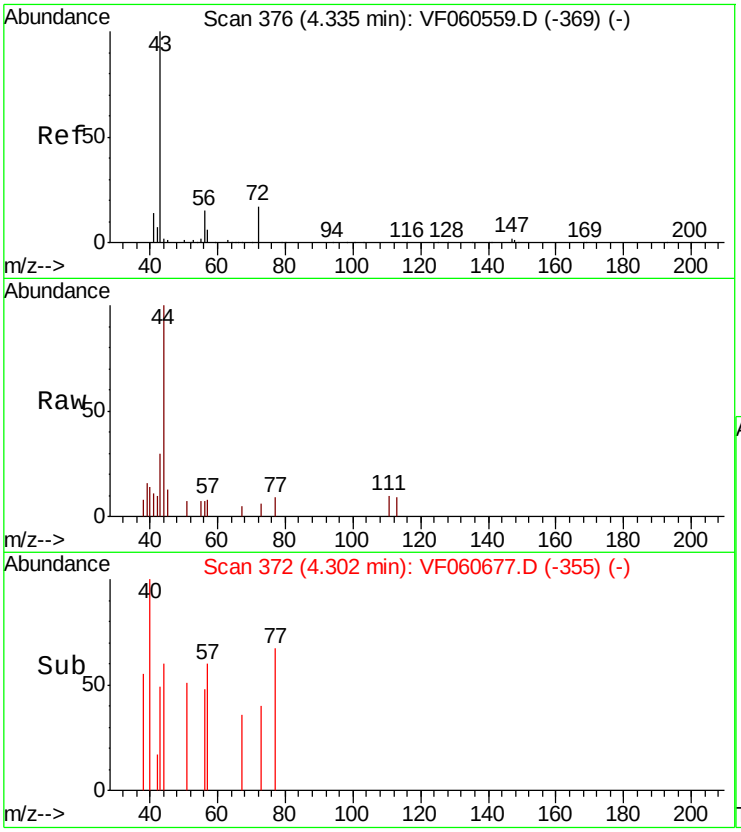


#18
Methyl Acetate
Concen: 1.150 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.02 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 43 Resp: 611

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



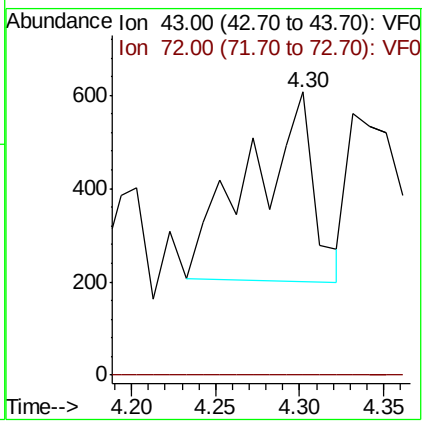


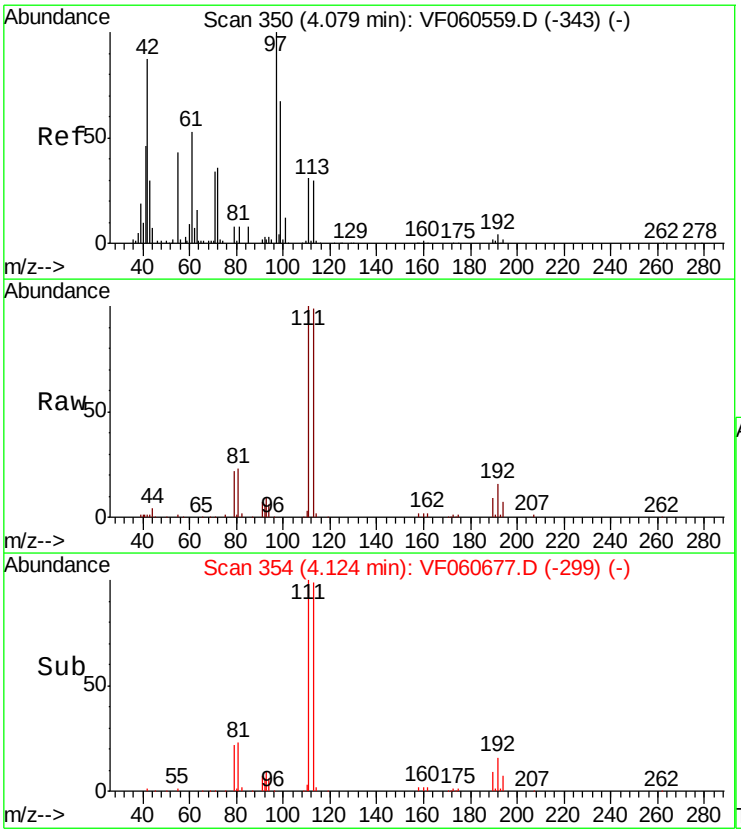
#25
2-Butanone
Concen: Below Cal
RT: 4.30 min Scan# 372
Delta R.T. -0.03 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion: 43 Resp: 1054

Ion	Ratio	Lower	Upper
43	100		
72	18.8	16.2	24.2

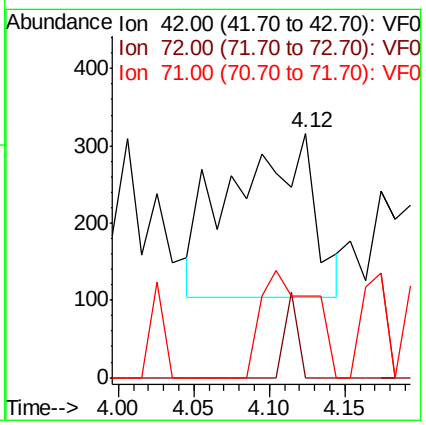


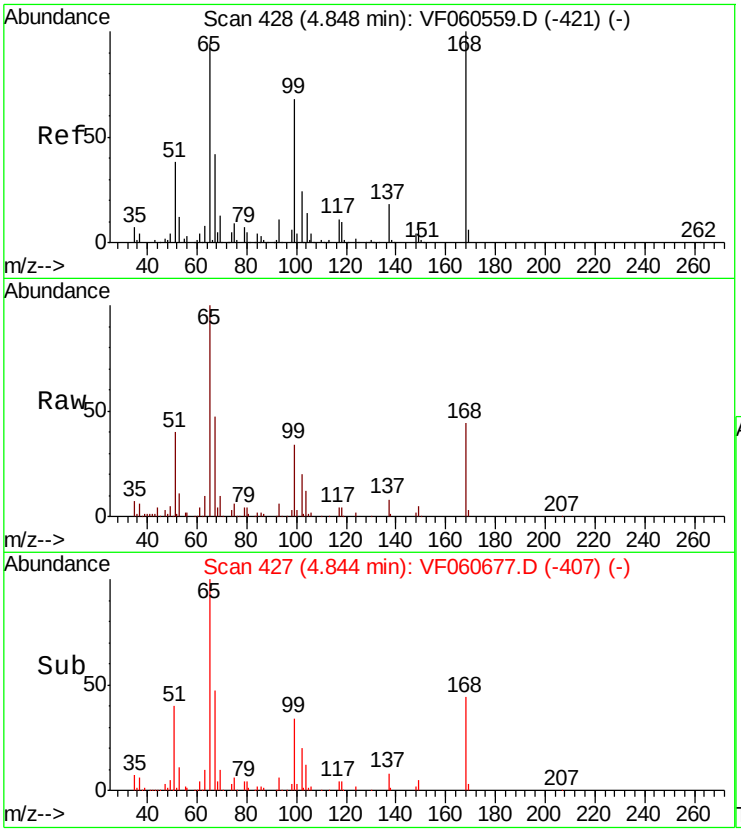


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.12 min Scan# 354
Delta R.T. 0.05 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 42 Resp: 794

Ion	Ratio	Lower	Upper
42	100		
72	8.2	31.4	47.0#
71	41.8	31.8	47.6



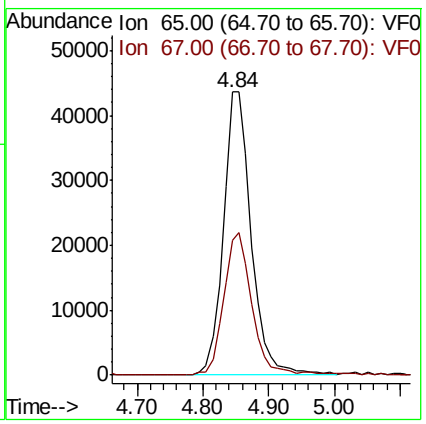


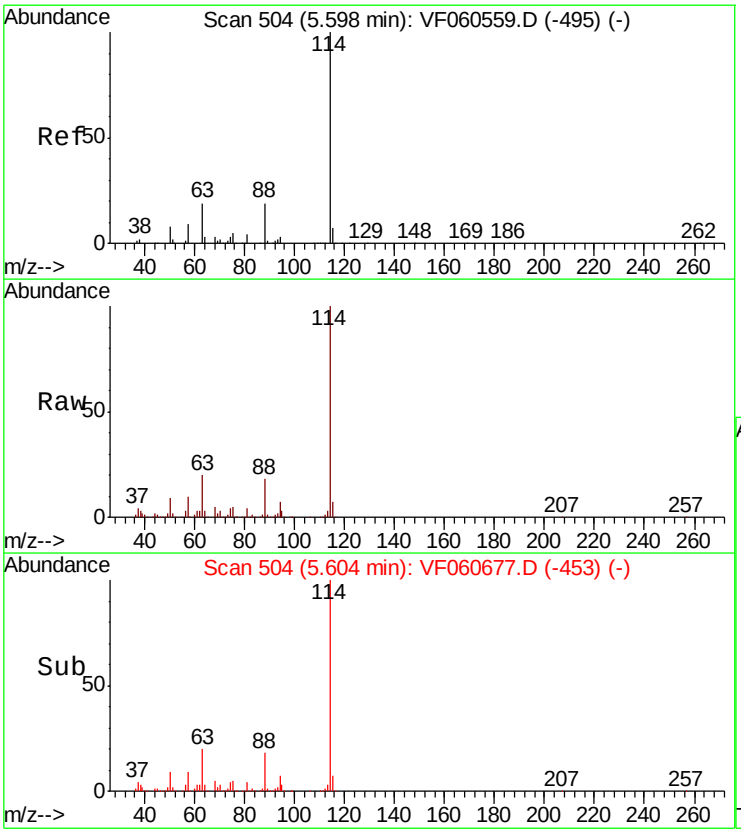
#33
1,2-Dichloroethane-d4
Concen: 52.266 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion: 65 Resp: 128873

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	101.8

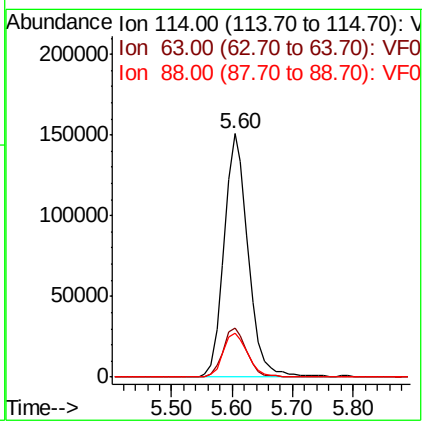


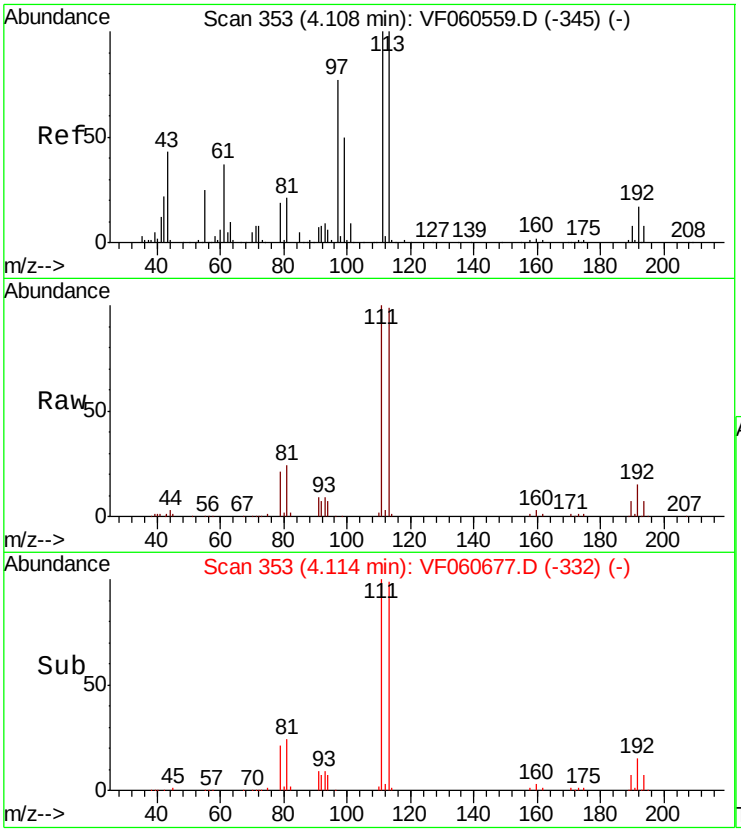


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion:114 Resp: 415189

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	17.9	0.0	38.2



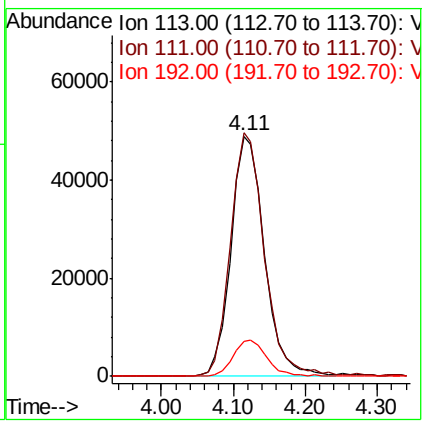


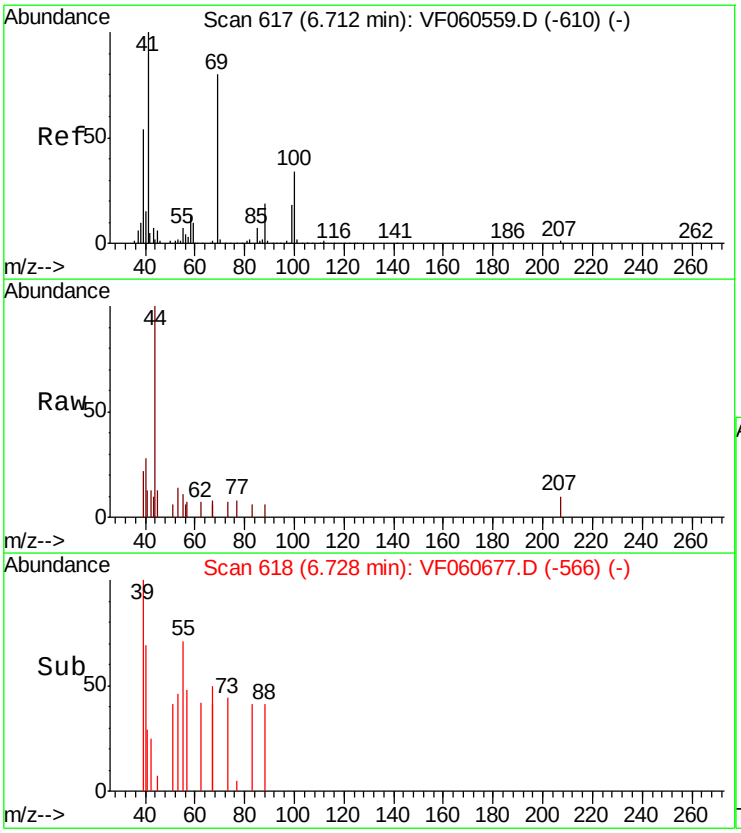
#35
Dibromofluoromethane
Concen: 49.473 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion:113 Resp: 158697

Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.9	119.9
192	14.8	13.3	19.9

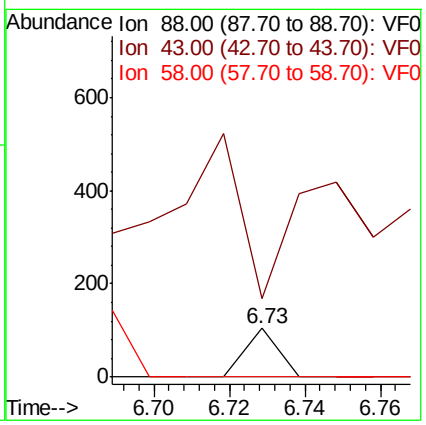


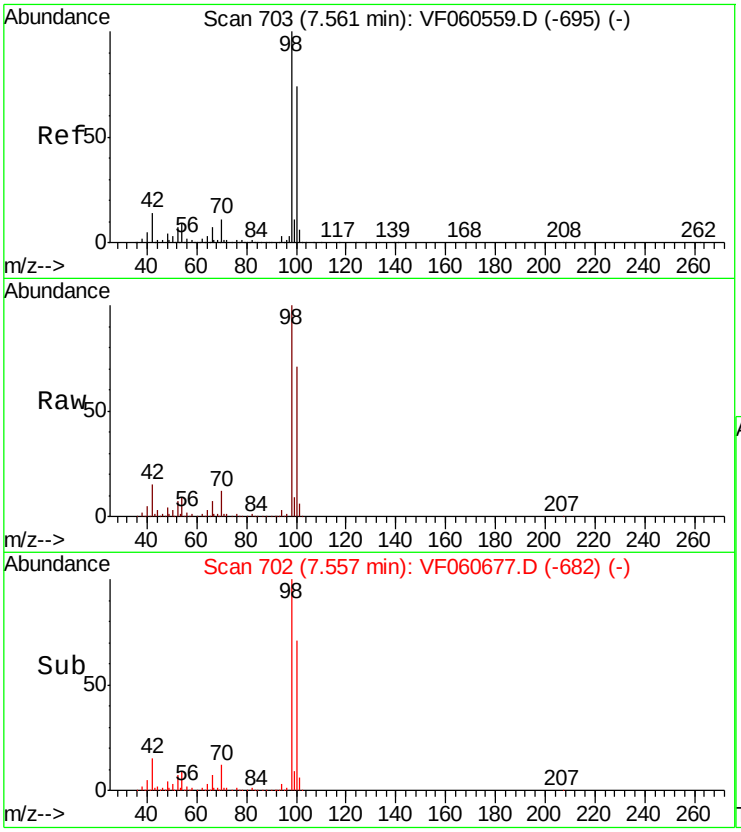


#49
1,4-Dioxane
Concen: 3.397 ug/l
RT: 6.73 min Scan# 618
Delta R.T. 0.02 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	159.0	61.2	91.8#
58	0.0	56.9	85.3#



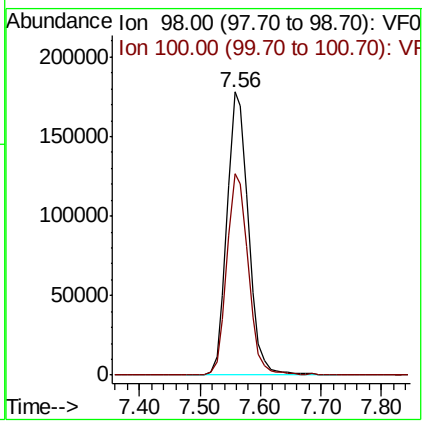


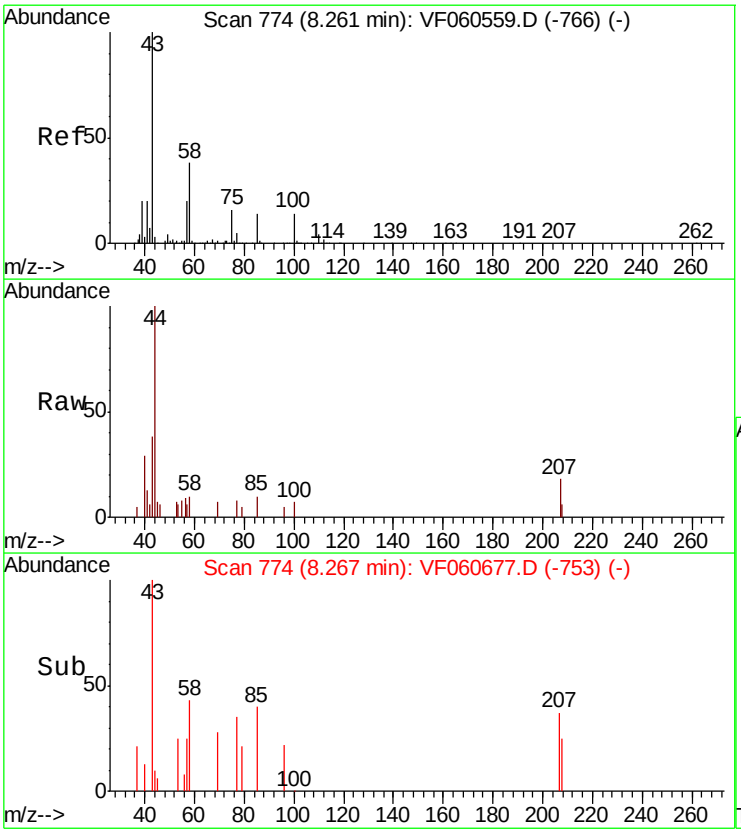
#50
Toluene-d8
Concen: 46.286 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion: 98 Resp: 439818

Ion	Ratio	Lower	Upper
98	100		
100	71.3	59.4	89.2

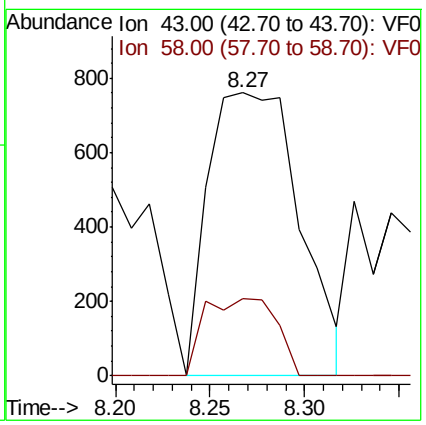


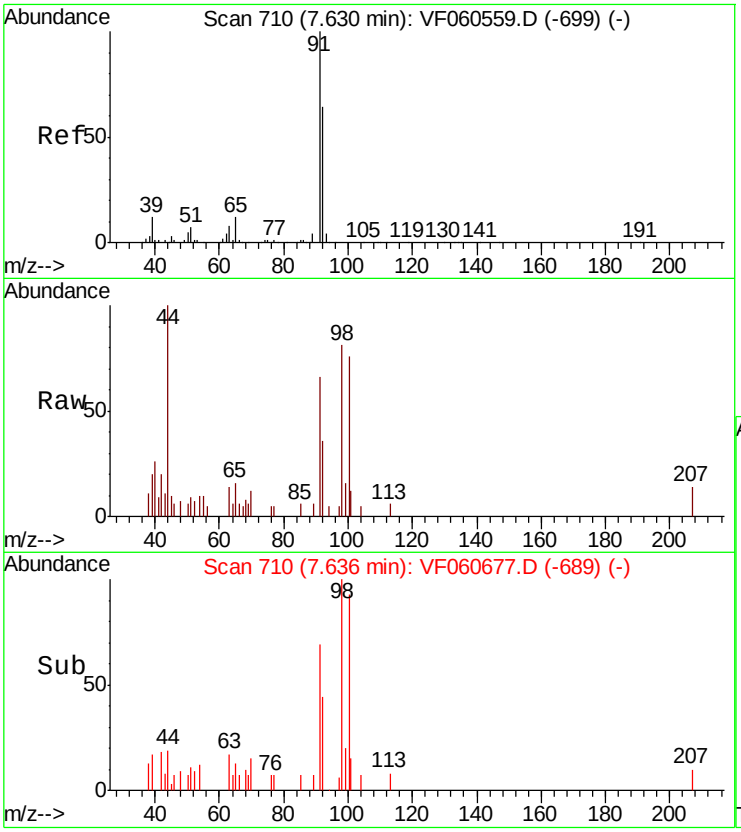


#51
4-Methyl-2-Pentanone
Concen: 1.369 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 43 Resp: 2556

Ion	Ratio	Lower	Upper
43	100		
58	27.5	30.1	45.1#



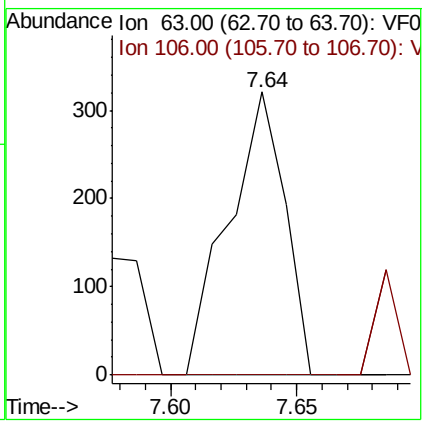


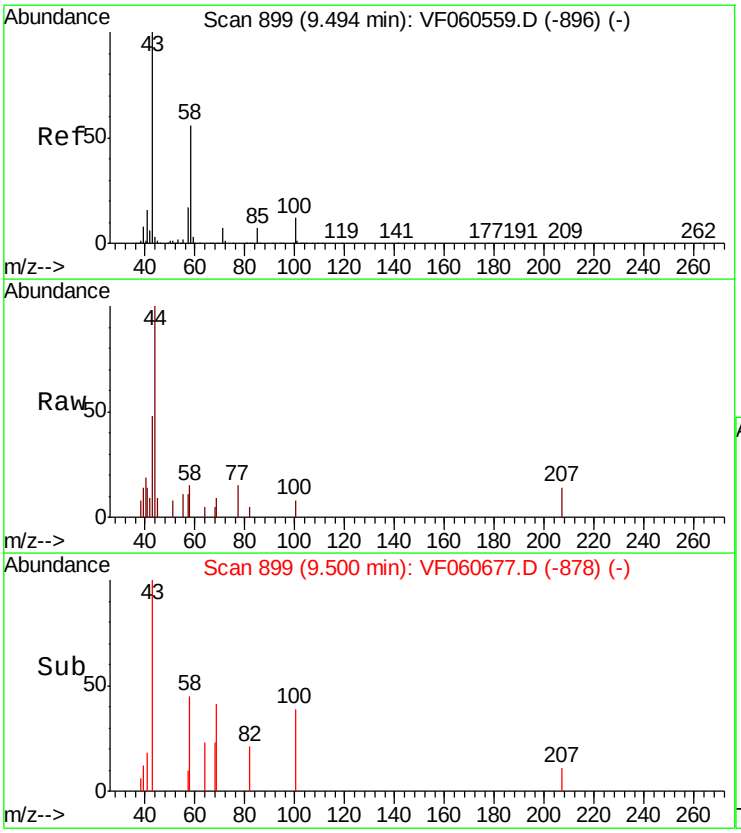
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.64 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument : MSVOA_F
ClientSampleId : SB-12-D

Tgt Ion: 63 Resp: 500

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

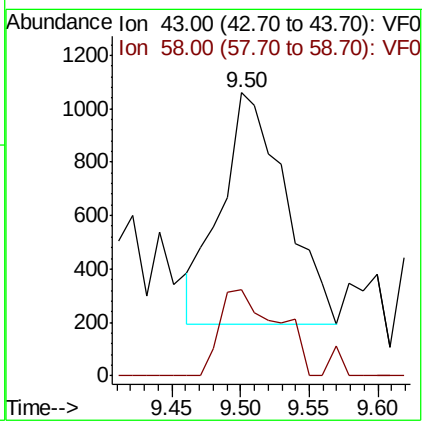


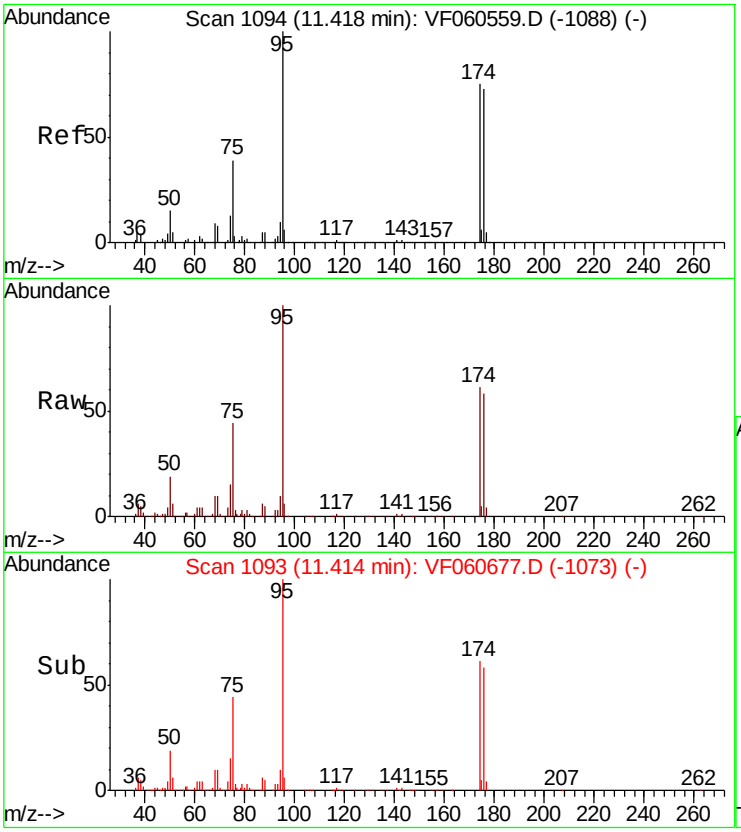


#59
2-Hexanone
Concen: Below Cal
RT: 9.50 min Scan# 899
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 43 Resp: 2831

Ion	Ratio	Lower	Upper
43	100		
58	30.3	26.1	78.3



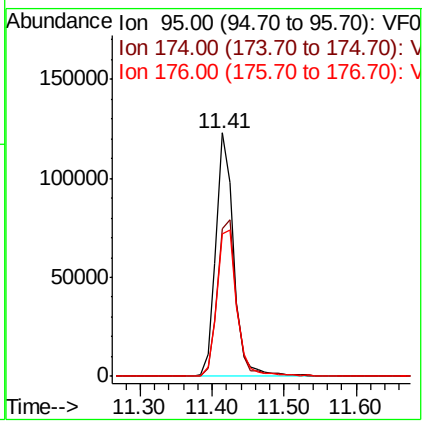


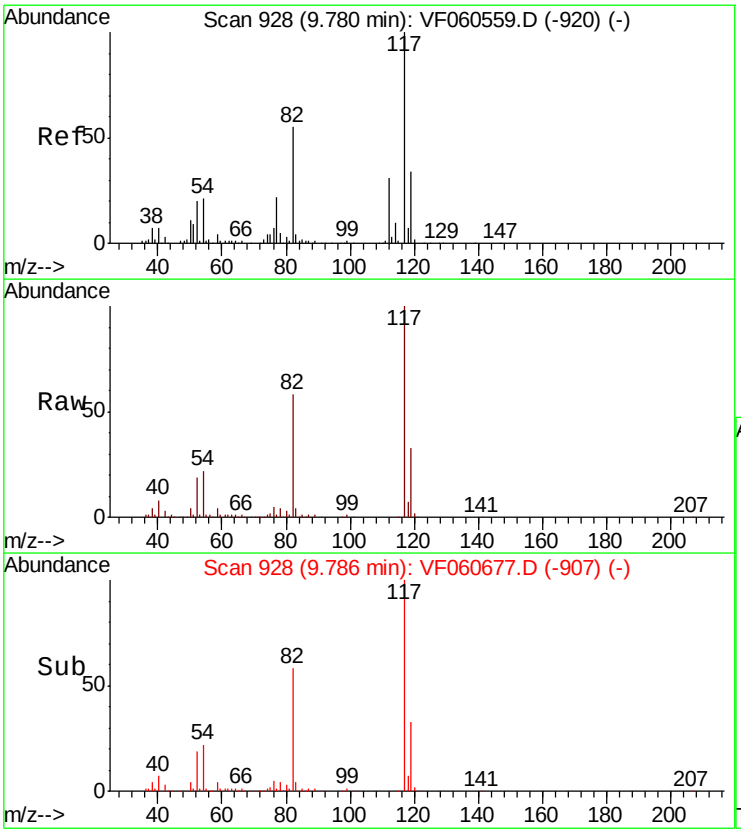
#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion: 95 Resp: 210230

Ion	Ratio	Lower	Upper
95	100		
174	60.8	0.0	149.0
176	58.3	0.0	145.6

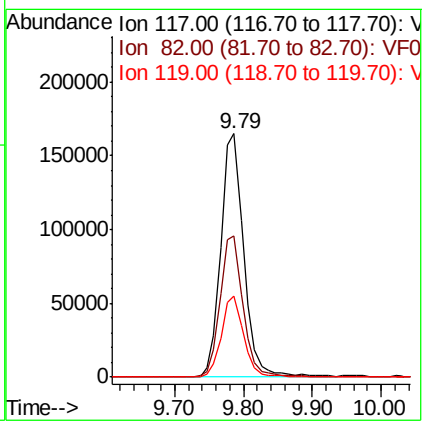


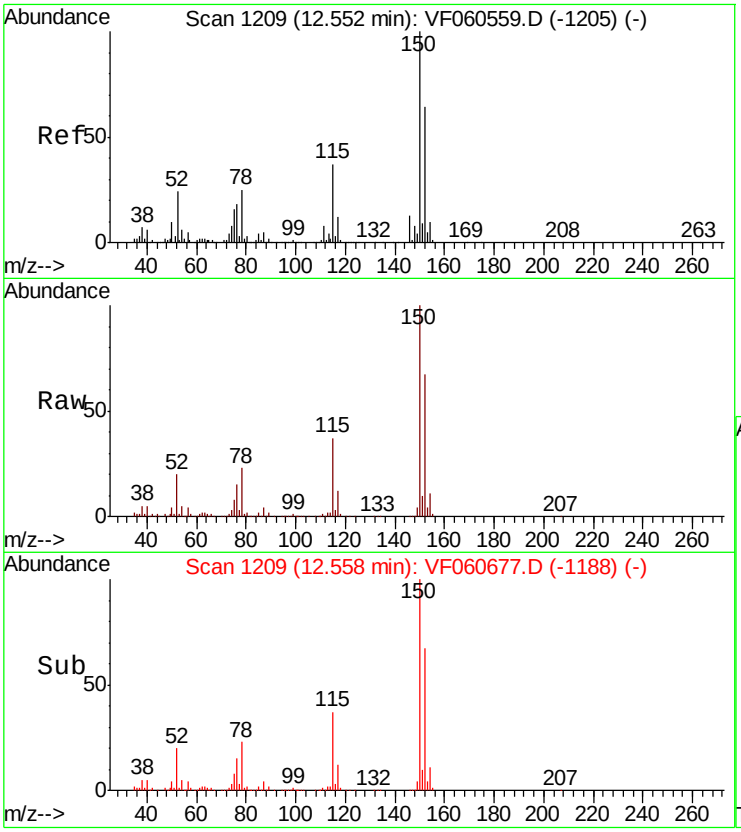


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion:117 Resp: 381501

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.9	65.9
119	33.2	27.4	41.0



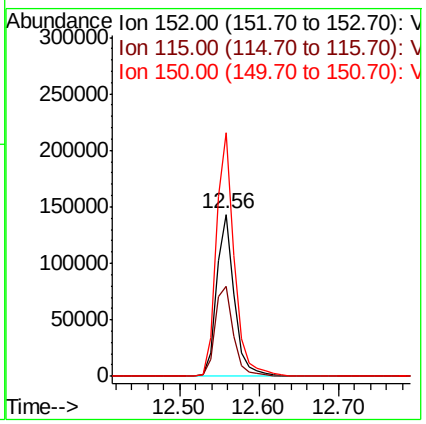


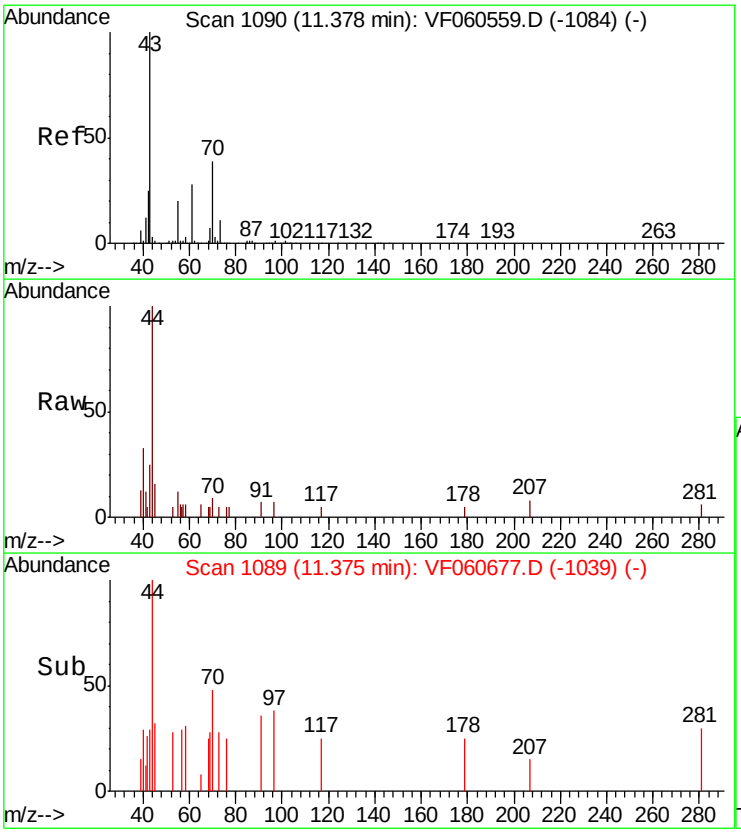
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Instrument :
MSVOA_F
ClientSampleId :
SB-12-D

Tgt Ion:152 Resp: 225335

Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.6	88.8
150	150.2	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VF060677.D
Acq: 9 Nov 2018 17:40

Tgt Ion: 43 Resp: 606

Ion	Ratio	Lower	Upper
43	100		
70	36.1	30.9	46.3
55	48.5	16.6	24.8#
61	0.0	22.0	33.0#