Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060685.D
Acq On : 9 Nov 2018 21:30
Operator : VA/AP
Sample : J5884-11
Misc : 5.39g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Quant Time: Nov 12 04:15:24 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	214544	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	382493	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	344585	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	155811	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	149994	69.20	ug/l	0.01
Spiked Amount 50.000			Recovery = 138.40%			
35) Dibromofluoromethane	4.13	113	169278	57.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 114.56%			
50) Toluene-d8	7.57	98	431071	49.24	ug/l	0.01
Spiked Amount 50.000			Recovery = 98.48%			
62) 4-Bromofluorobenzene	11.42	95	203064	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	124	Below Cal	#	41
6) Chloroethane	1.38	64	169	Below Cal	#	1
11) Tert butyl alcohol	2.56	59	1669	8.146	ug/l	97
12) 1,1-Dichloroethene	1.78	96	2631	1.688	ug/l	93
13) Acrolein	2.00	56	809	Below Cal	#	10
15) Acrylonitrile	2.93	53	887	3.433	ug/l #	49
16) Acetone	2.25	43	74799	146.437	ug/l	95
18) Methyl Acetate	2.38	43	9479	12.312	ug/l #	70
20) Methylene Chloride	2.29	84	186	Below Cal	#	12
25) 2-Butanone	4.35	43	13446	Below Cal	#	87
29) Tetrahydrofuran	4.09	42	2041	Below Cal	#	78
49) 1,4-Dioxane	6.33	88	86	5.115	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.63	63	405	Below Cal		100
59) 2-Hexanone	9.52	43	2887	Below Cal		78
74) N-amyl acetate	11.36	43	1215	Below Cal	#	75
89) n-Butylbenzene	12.86	91	897	Below Cal		69

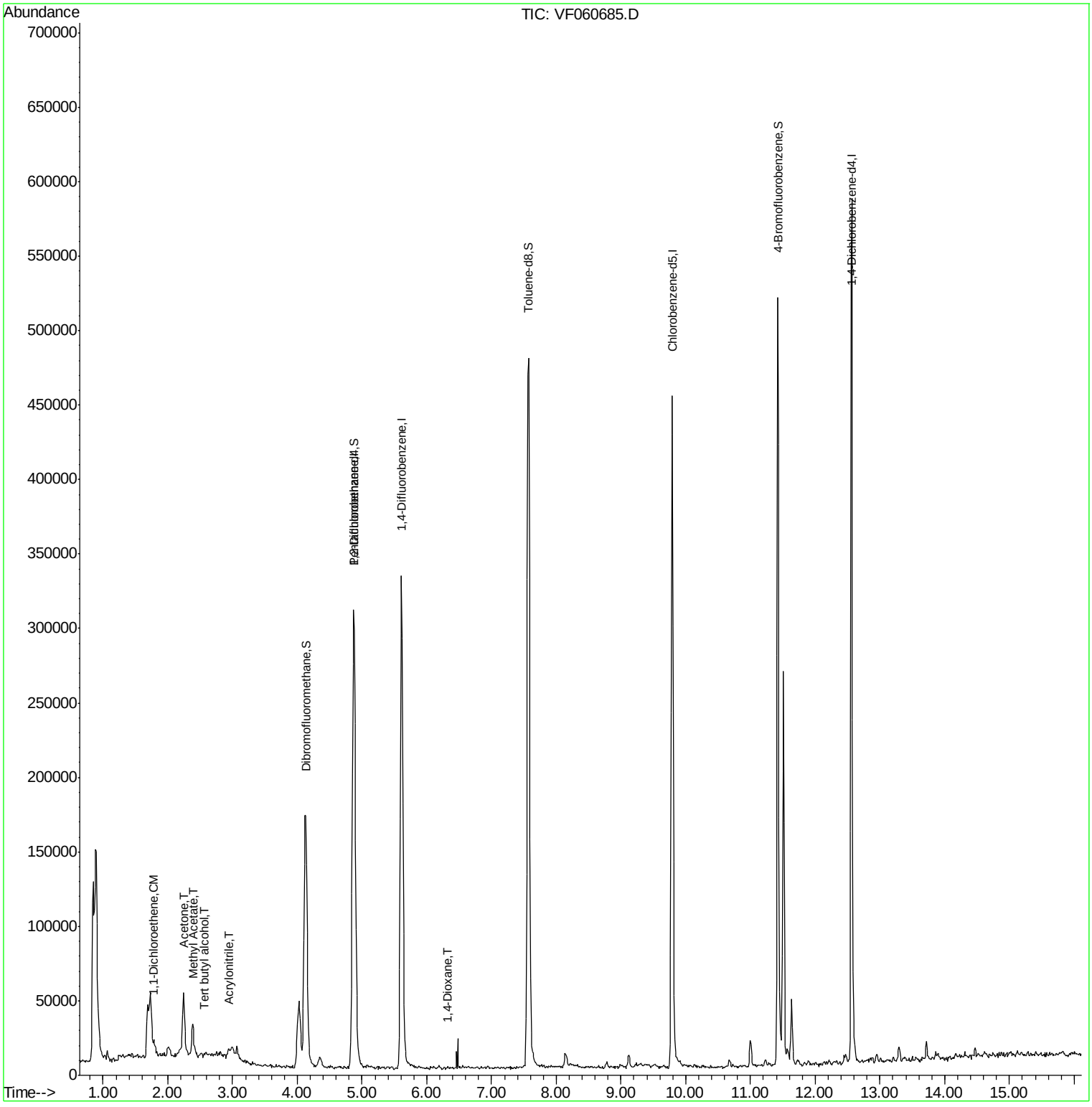
(#) = qualifier out of range (m) = manual integration (+) = signals summed

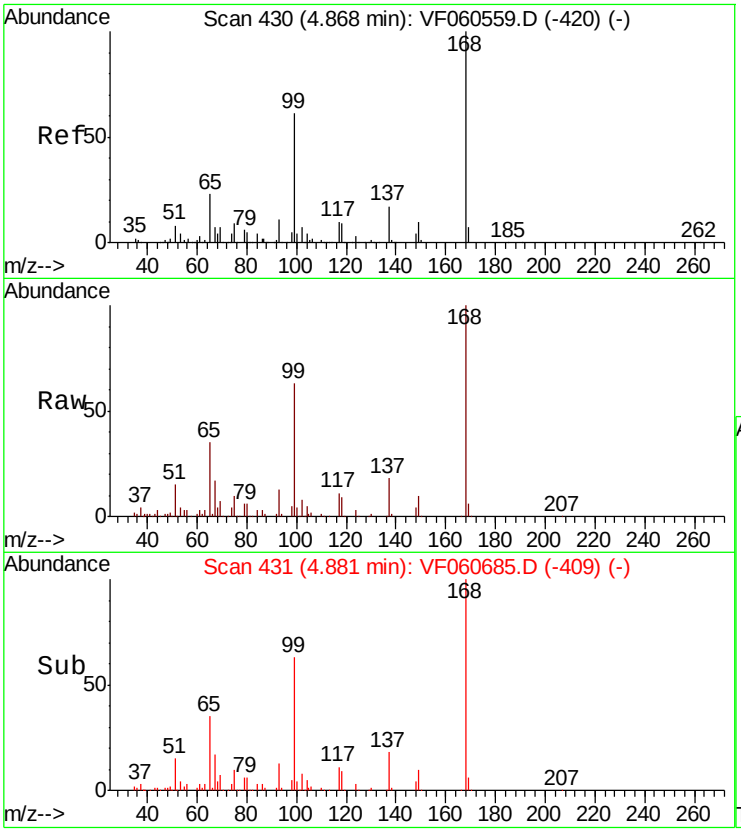
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060685.D
Acq On : 9 Nov 2018 21:30
Operator : VA/AP
Sample : J5884-11
Misc : 5.39g/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Quant Time: Nov 12 04:15:24 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



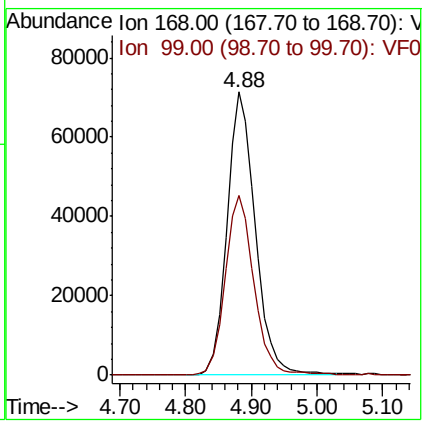


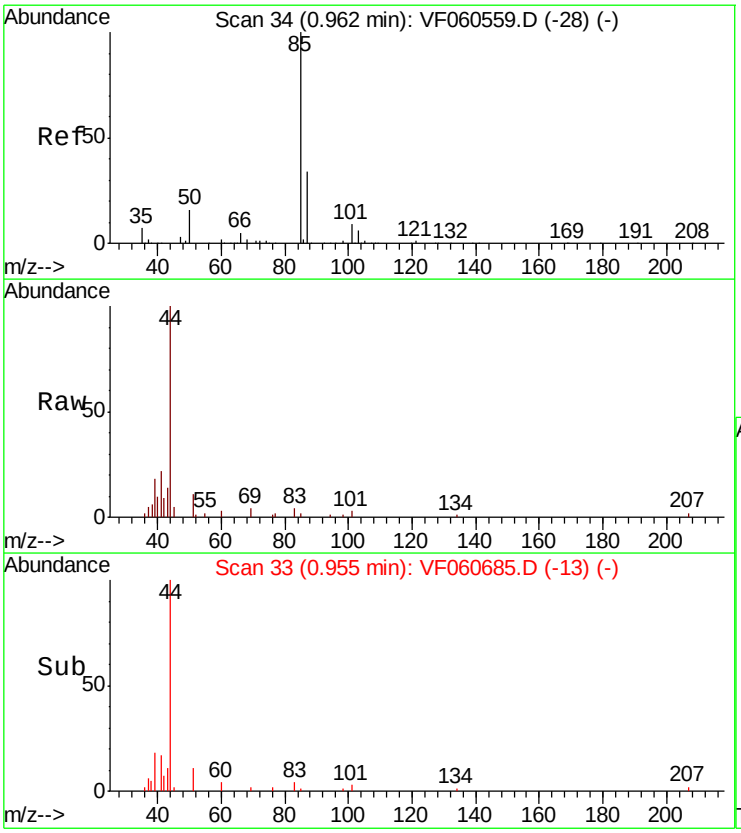
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Tgt Ion:168 Resp: 214544

Ion	Ratio	Lower	Upper
168	100		
99	63.4	48.6	72.8

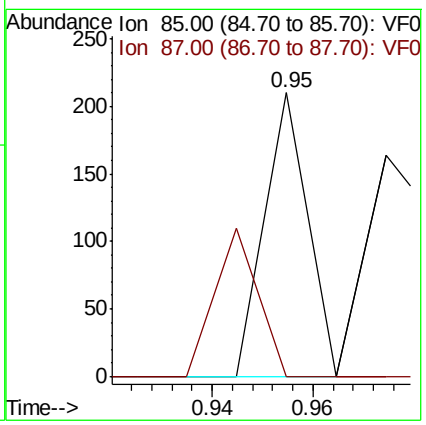


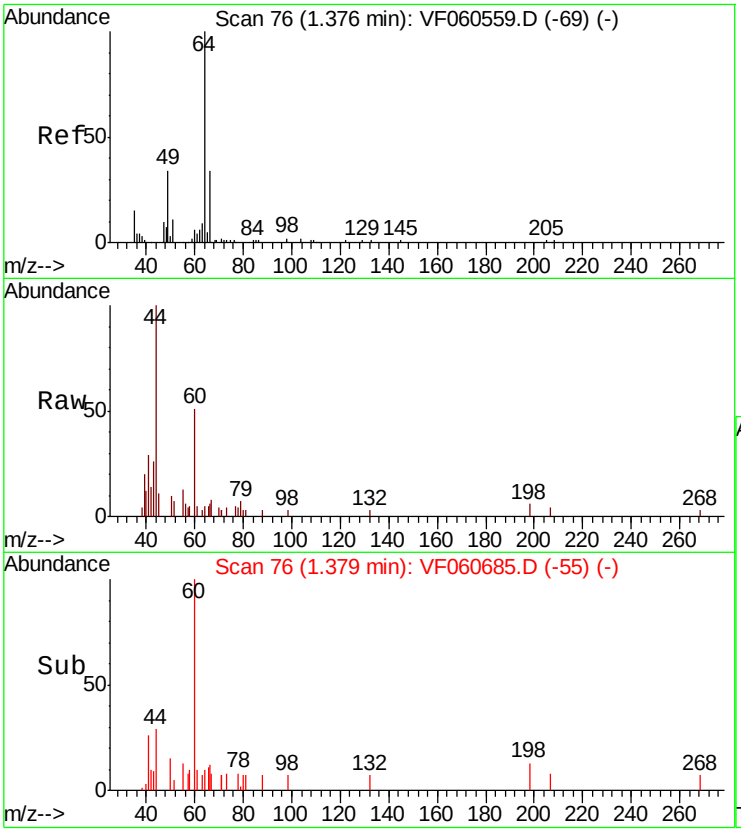


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.95 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 85 Resp: 124

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



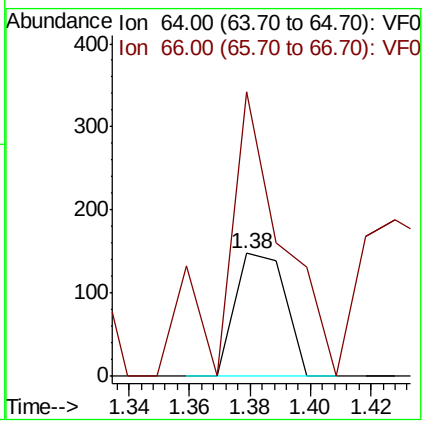


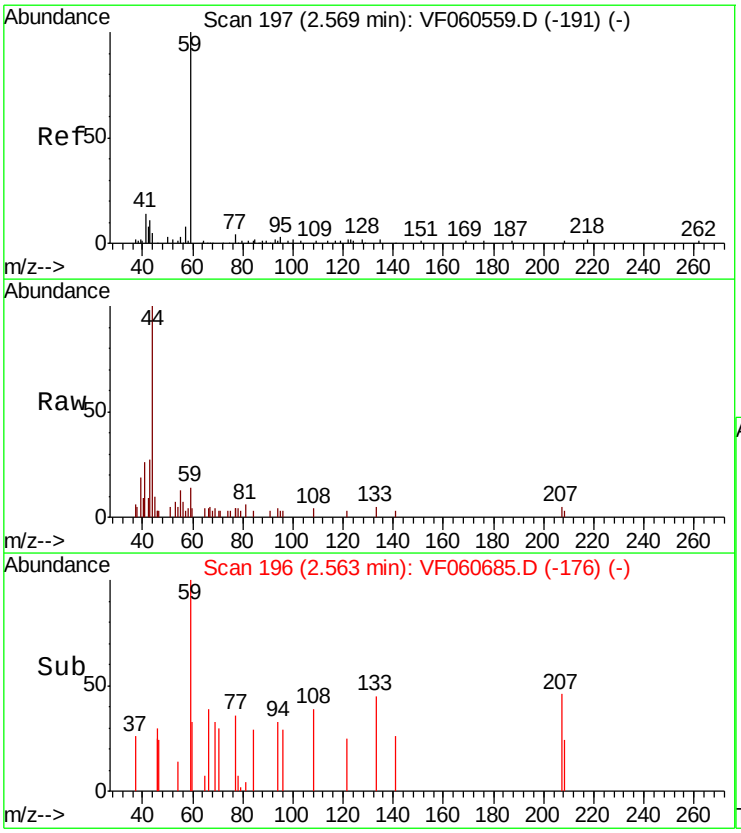
#6
Chloroethane
Concen: Below Cal
RT: 1.38 min Scan# 76
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 64 Resp: 169

Ion	Ratio	Lower	Upper
64	100		
66	232.7	27.8	41.8#

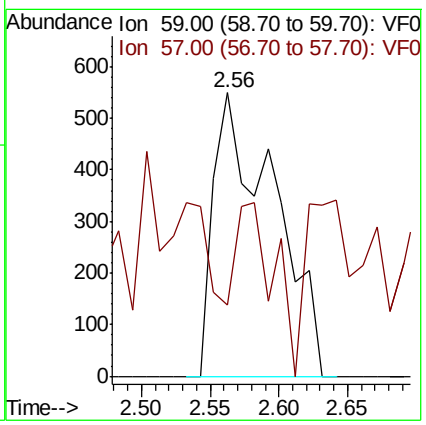


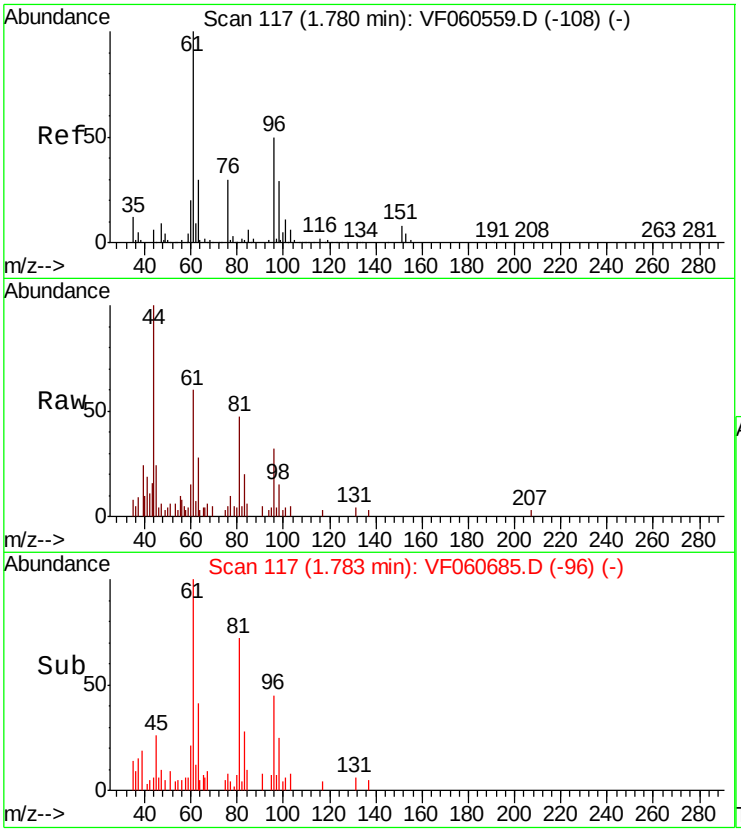


#11
Tert butyl alcohol
Concen: 8.146 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 59 Resp: 1669

Ion	Ratio	Lower	Upper
59	100		
57	25.1	19.0	28.4



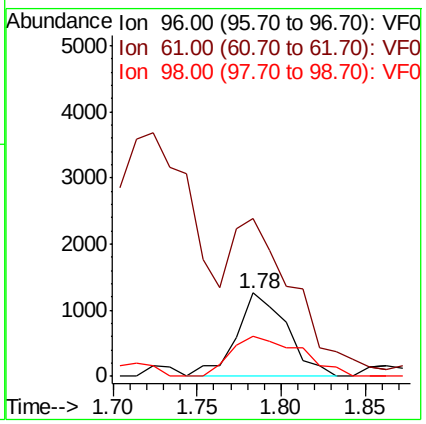


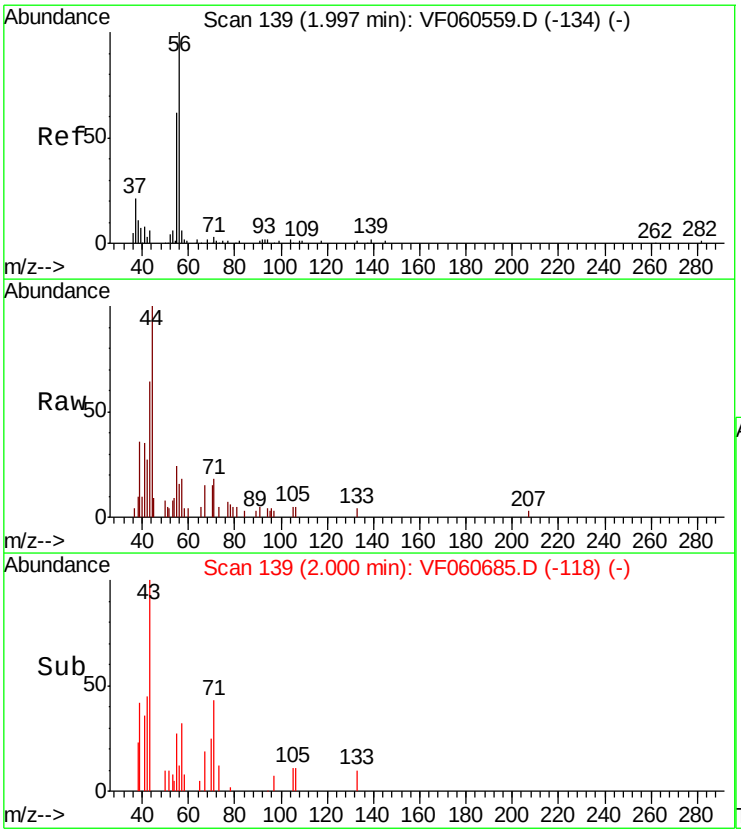
#12
1,1-Dichloroethene
Concen: 1.688 ug/l
RT: 1.78 min Scan# 117
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 96 Resp: 2631

Ion	Ratio	Lower	Upper
96	100		
61	190.2	158.1	237.1
98	47.6	47.0	70.6

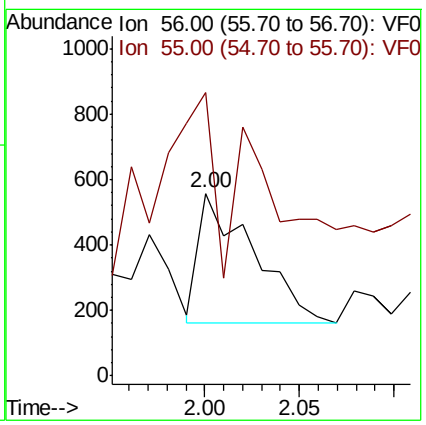


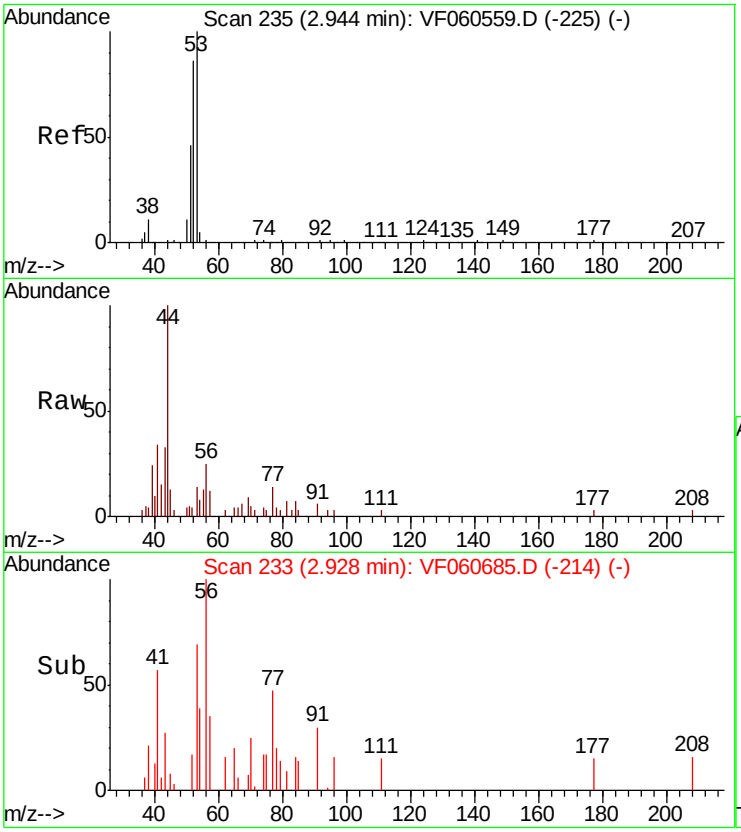


#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 56 Resp: 809

Ion	Ratio	Lower	Upper
56	100		
55	155.3	61.8	92.6#



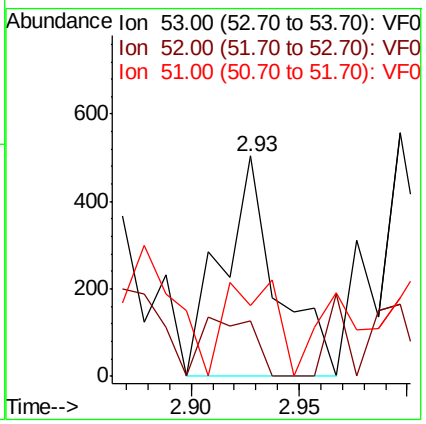


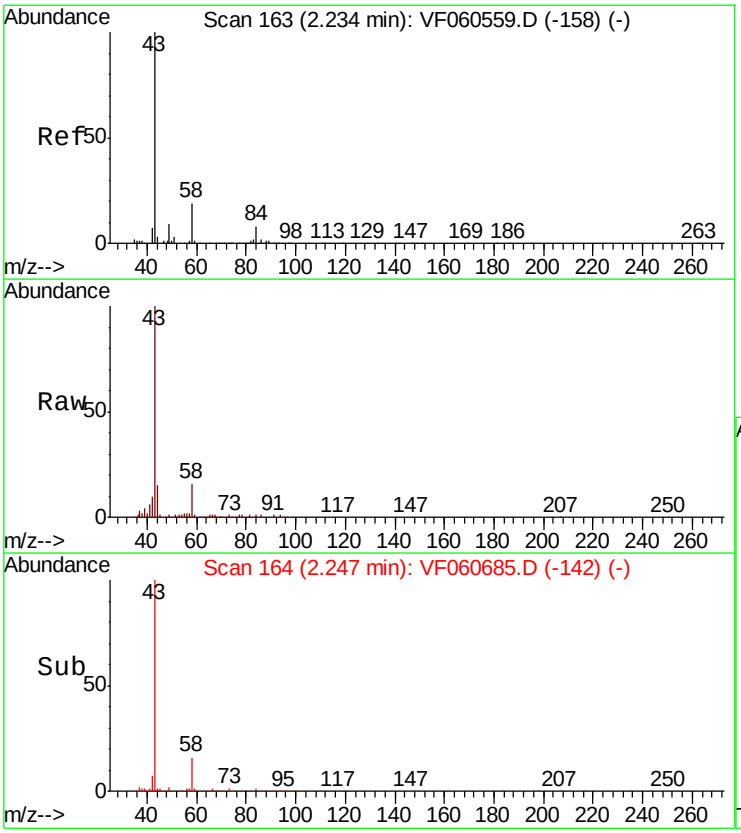
#15
Acrylonitrile
Concen: 3.433 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.02 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 53 Resp: 887

Ion	Ratio	Lower	Upper
53	100		
52	25.2	68.5	102.7#
51	32.3	38.2	57.2#

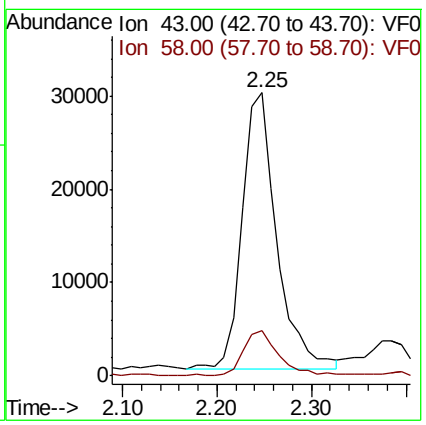


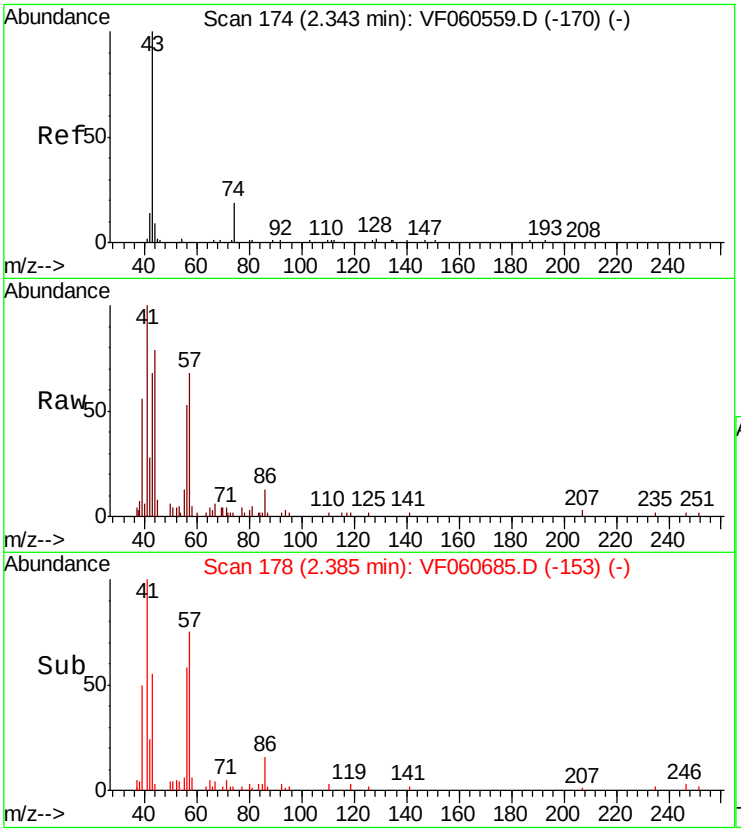


#16
Acetone
Concen: 146.437 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 43 Resp: 74799

Ion	Ratio	Lower	Upper
43	100		
58	16.1	14.6	22.0



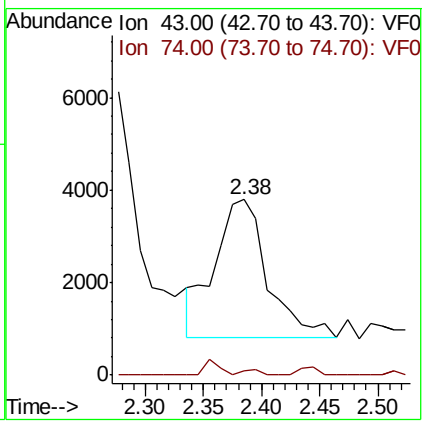


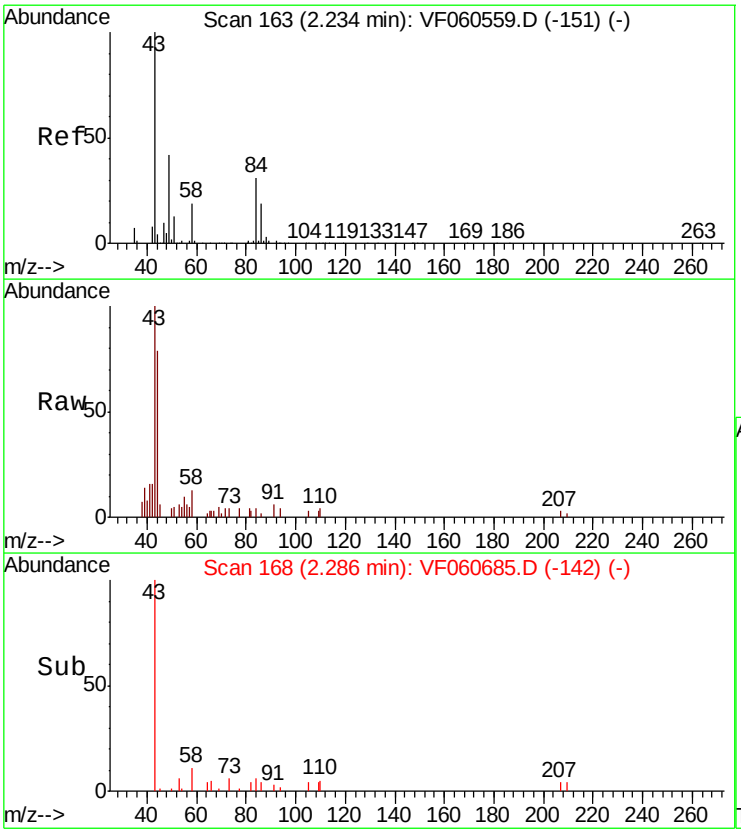
#18
Methyl Acetate
Concen: 12.312 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.04 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 43 Resp: 9479

Ion	Ratio	Lower	Upper
43	100		
74	2.7	12.1	18.1#

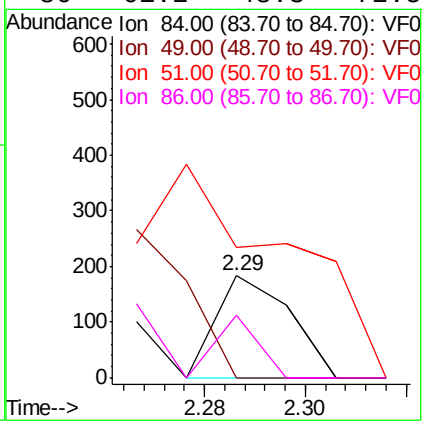


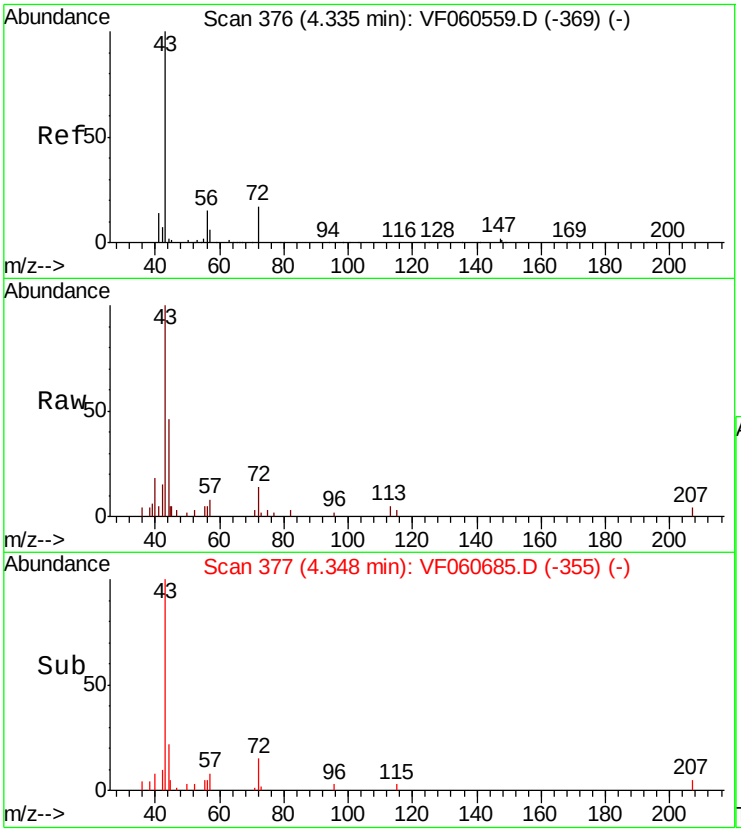


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. 0.05 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 84 Resp: 186

Ion	Ratio	Lower	Upper
84	100		
49	0.0	109.9	164.9#
51	127.9	35.8	53.8#
86	61.2	48.3	72.5



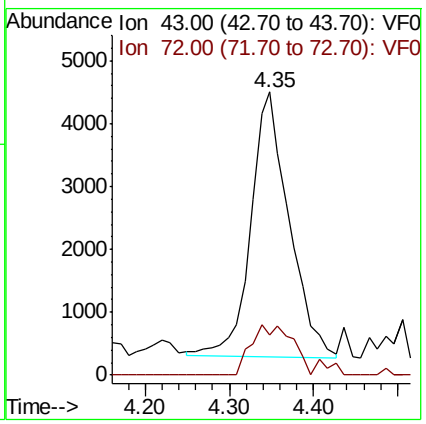


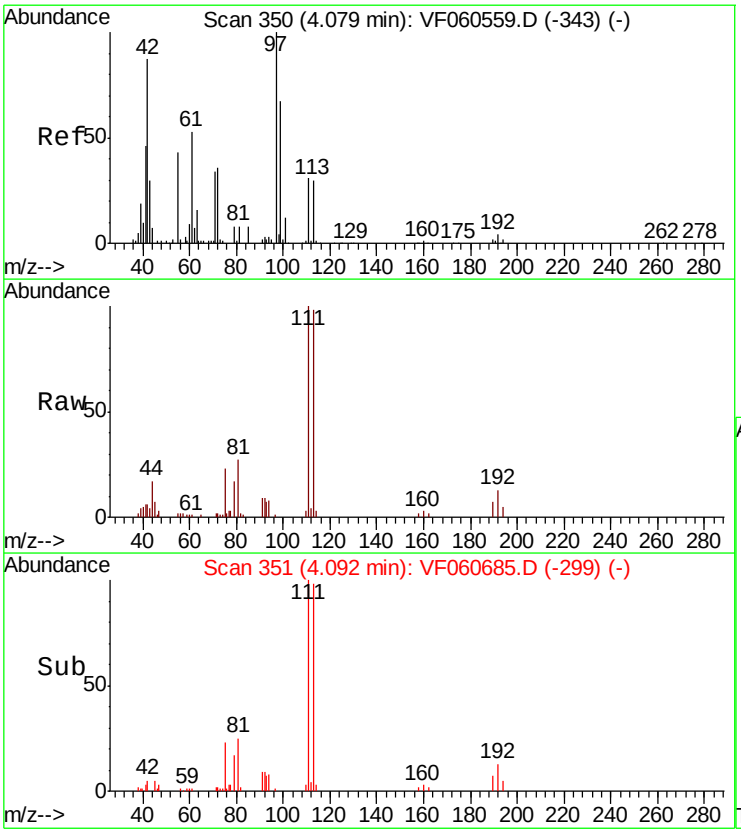
#25
2-Butanone
Concen: Below Cal
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 43 Resp: 13446

Ion	Ratio	Lower	Upper
43	100		
72	14.3	16.2	24.2#

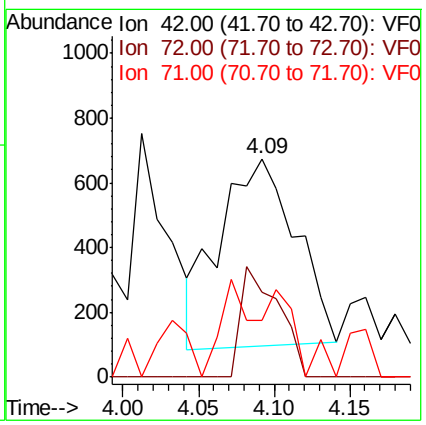


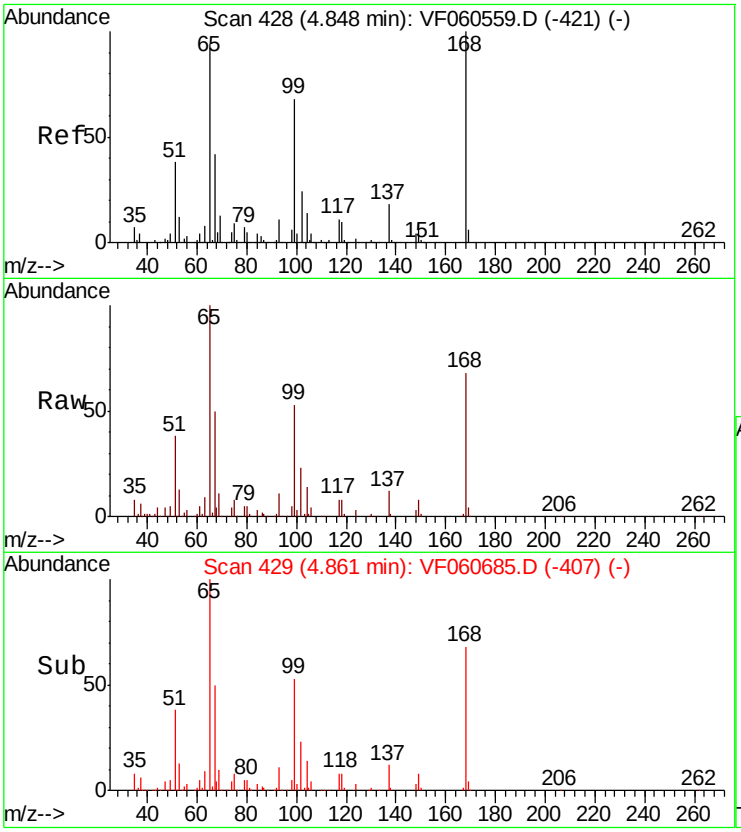


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.09 min Scan# 351
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 42 Resp: 2041

Ion	Ratio	Lower	Upper
42	100		
72	29.0	31.4	47.0#
71	22.4	31.8	47.6#



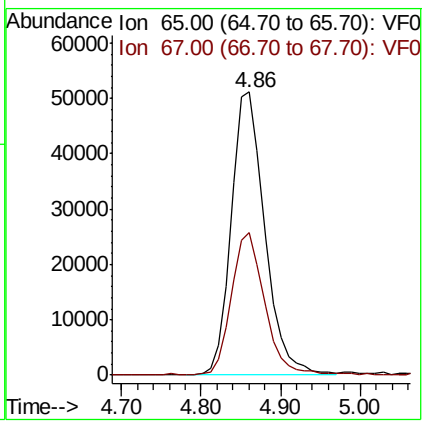


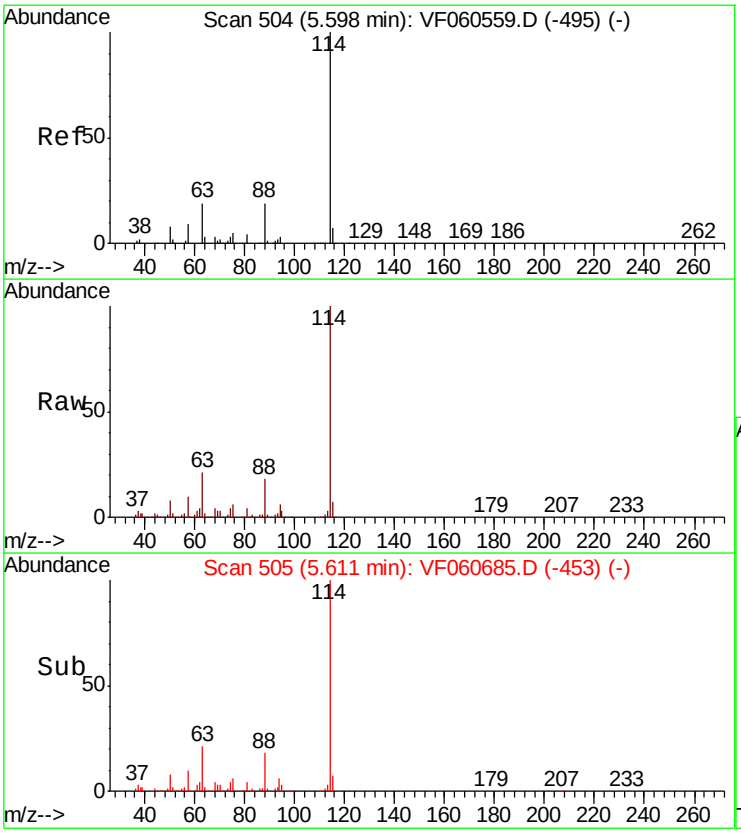
#33
1,2-Dichloroethane-d4
Concen: 69.195 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion: 65 Resp: 149994

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.8

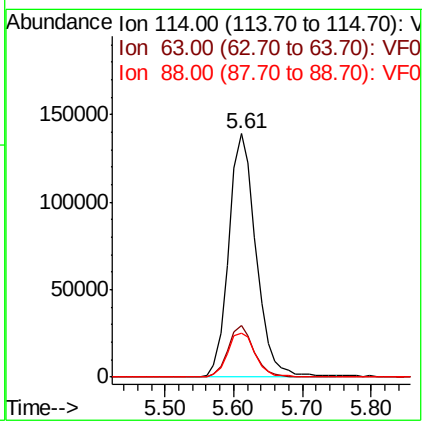


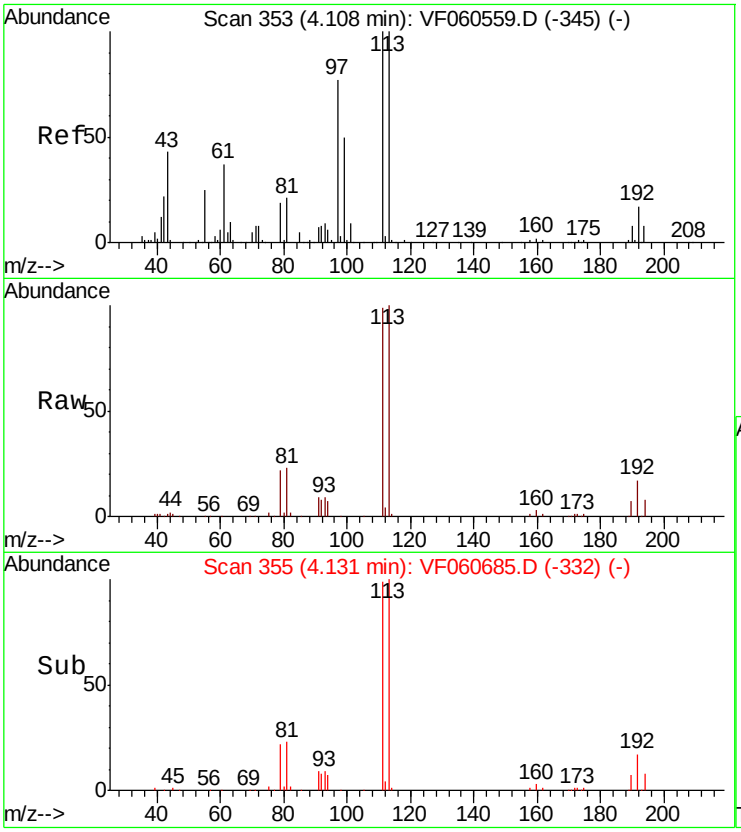


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion:114 Resp: 382493

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	18.3	0.0	38.2



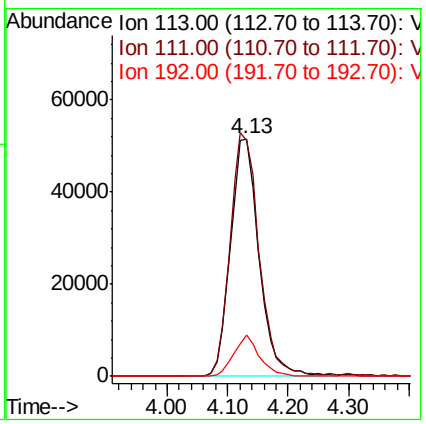


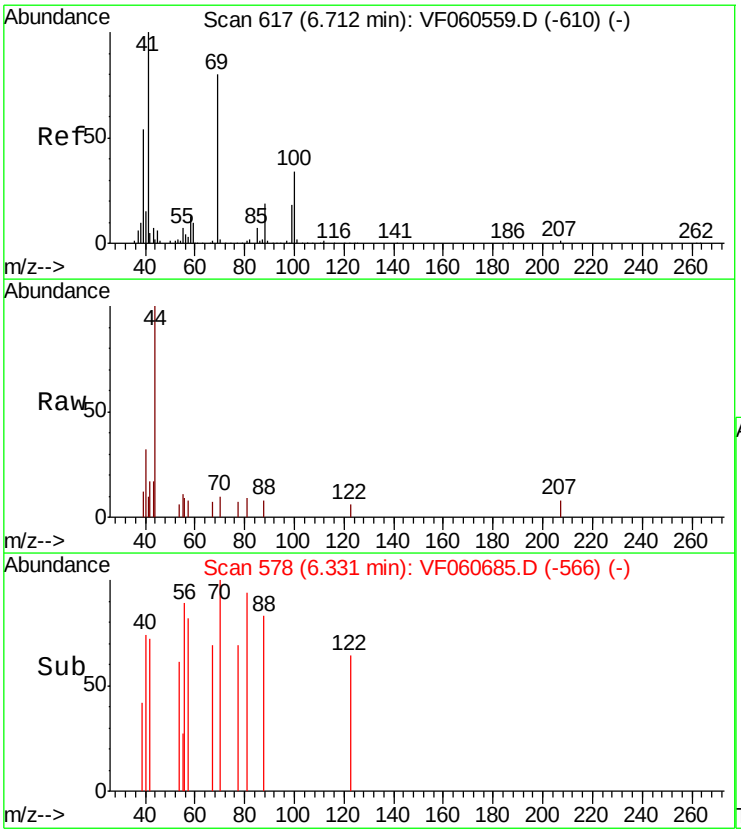
#35
Dibromofluoromethane
Concen: 57.283 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion:113 Resp: 169278

Ion	Ratio	Lower	Upper
113	100		
111	99.5	79.9	119.9
192	17.4	13.3	19.9

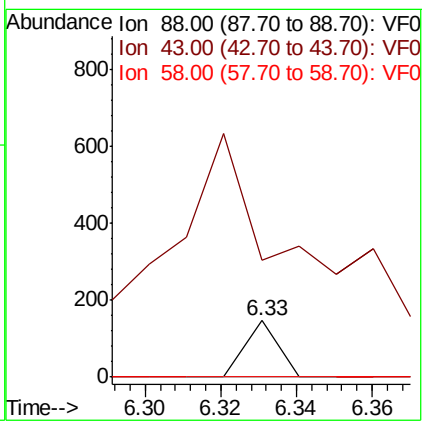


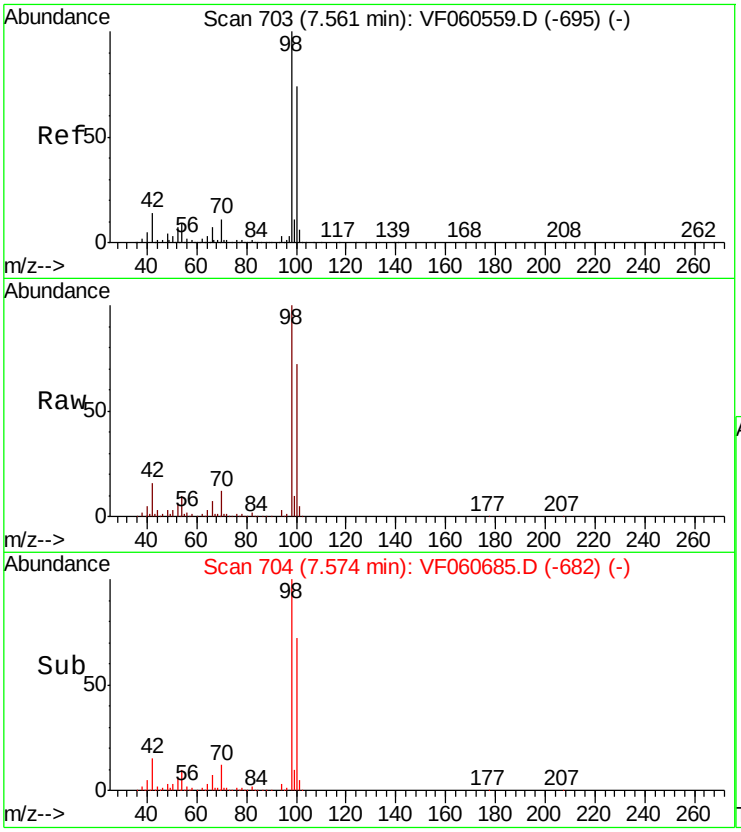


#49
1,4-Dioxane
Concen: 5.115 ug/l
RT: 6.33 min Scan# 578
Delta R.T. -0.38 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 88 Resp: 86

Ion	Ratio	Lower	Upper
88	100		
43	208.9	61.2	91.8#
58	0.0	56.9	85.3#



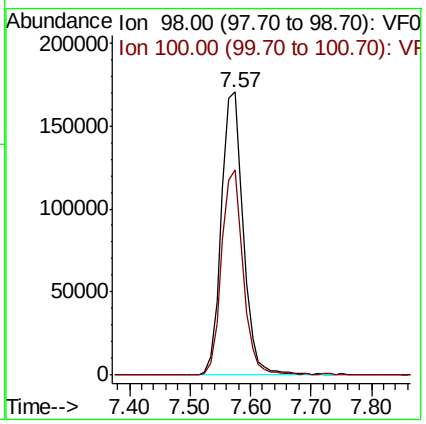


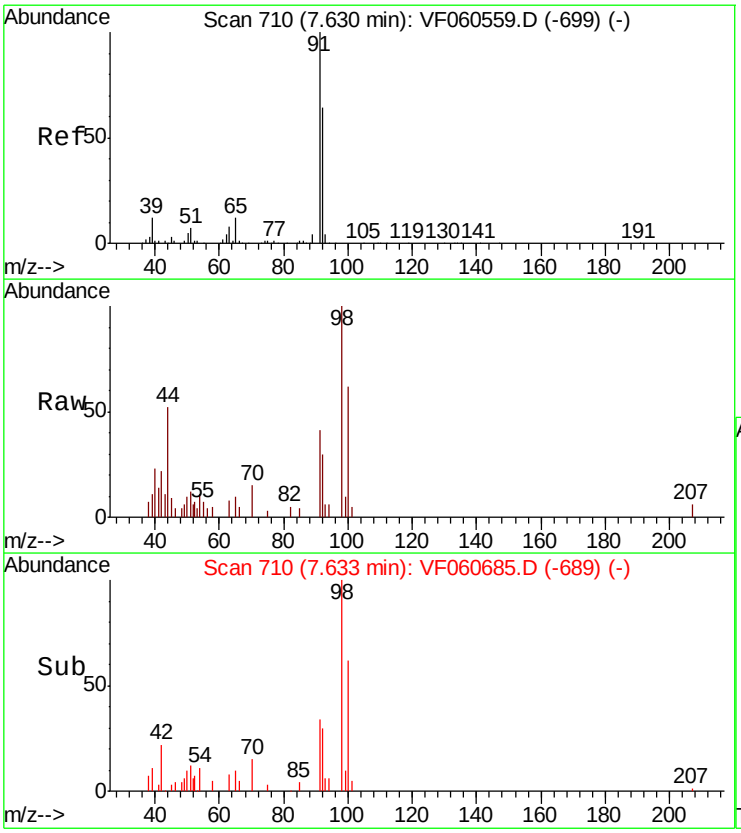
#50
Toluene-d8
Concen: 49.243 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Tgt Ion: 98 Resp: 431071

Ion	Ratio	Lower	Upper
98	100		
100	72.5	59.4	89.2

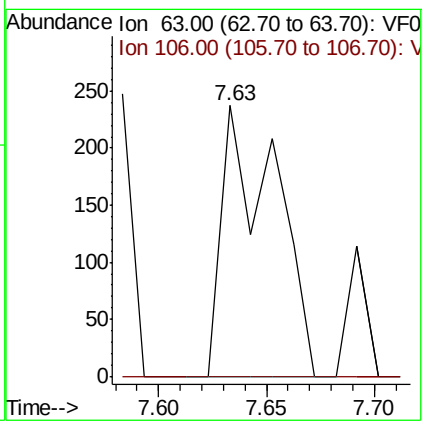


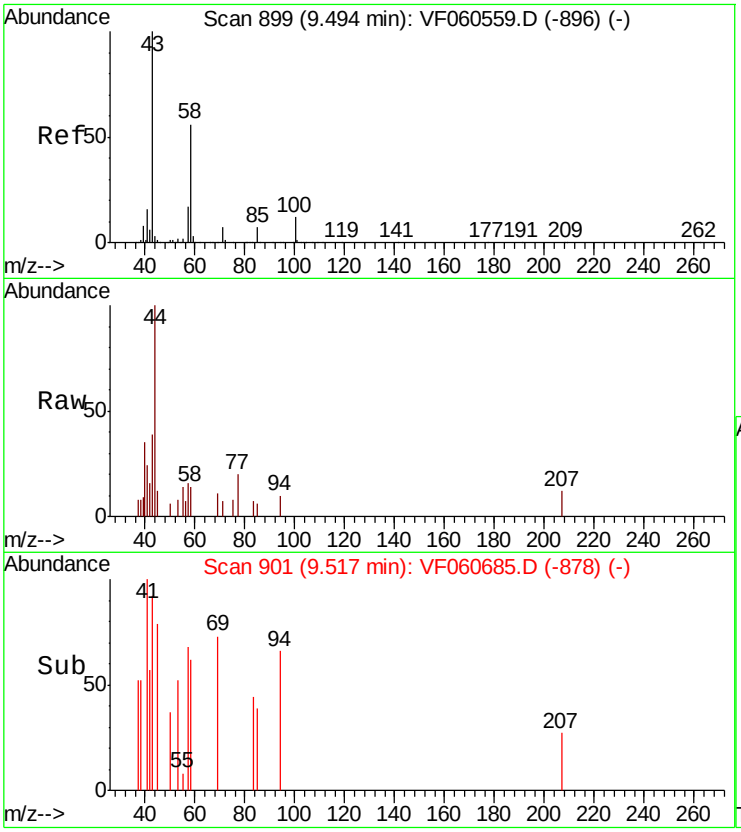


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 63 Resp: 405

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



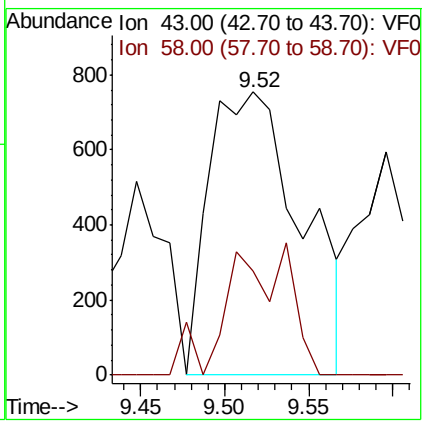


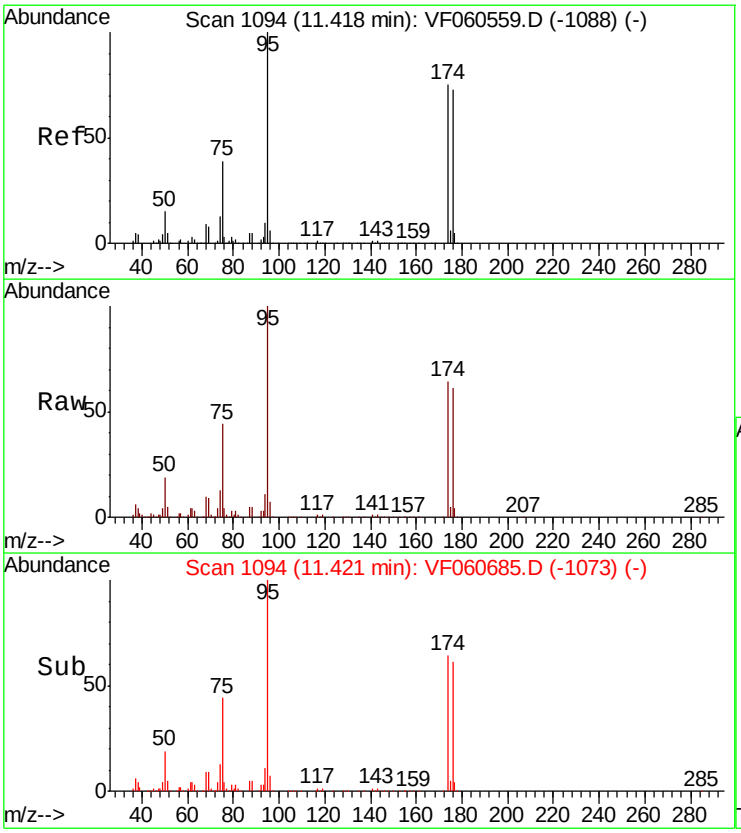
#59
2-Hexanone
Concen: Below Cal
RT: 9.52 min Scan# 901
Delta R.T. 0.02 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Tgt Ion: 43 Resp: 2887

Ion	Ratio	Lower	Upper
43	100		
58	36.9	26.1	78.3

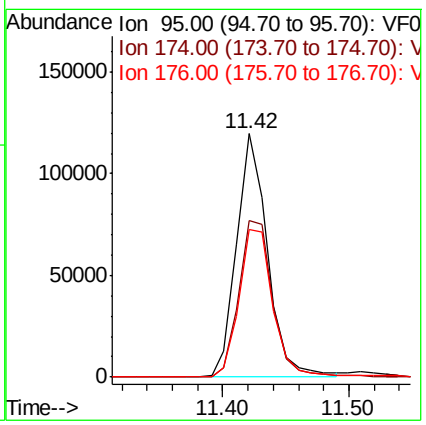


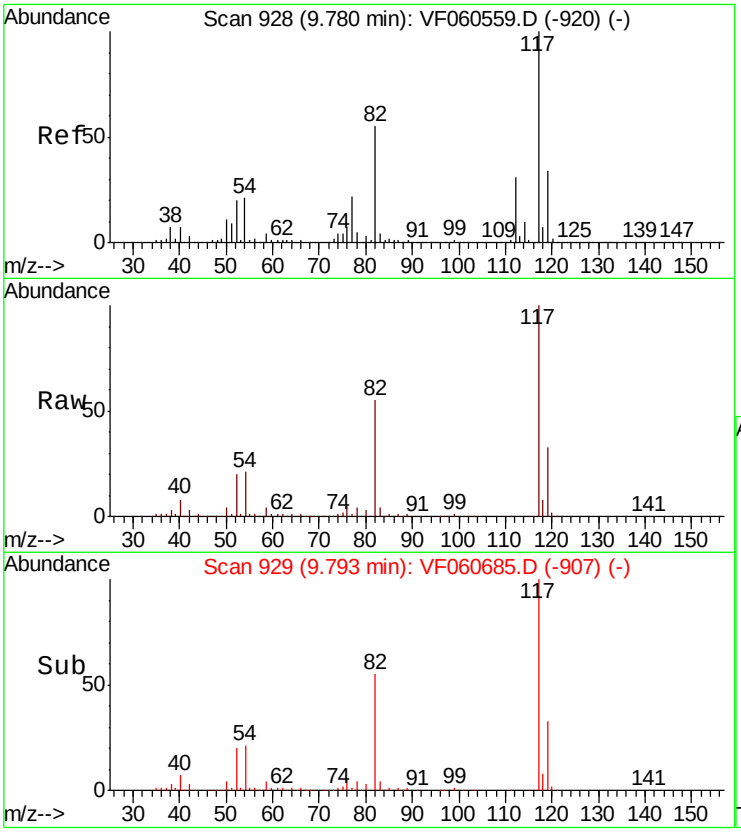


#62
4-Bromofluorobenzene
Concen: 53.032 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 95 Resp: 203064

Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	149.0
176	60.5	0.0	145.6



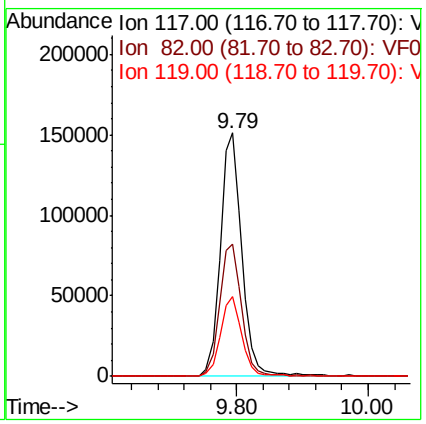


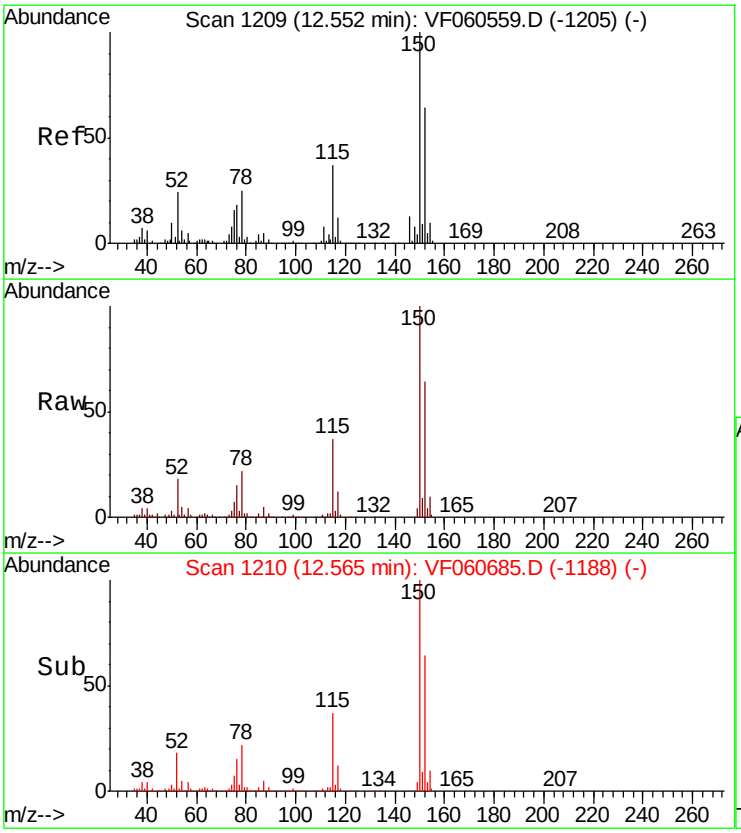
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument : MSVOA_F
ClientSampleId : TP-8A-S

Tgt Ion:117 Resp: 344585

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.9	65.9
119	32.6	27.4	41.0

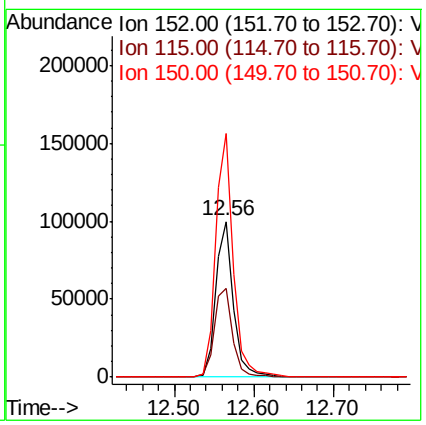


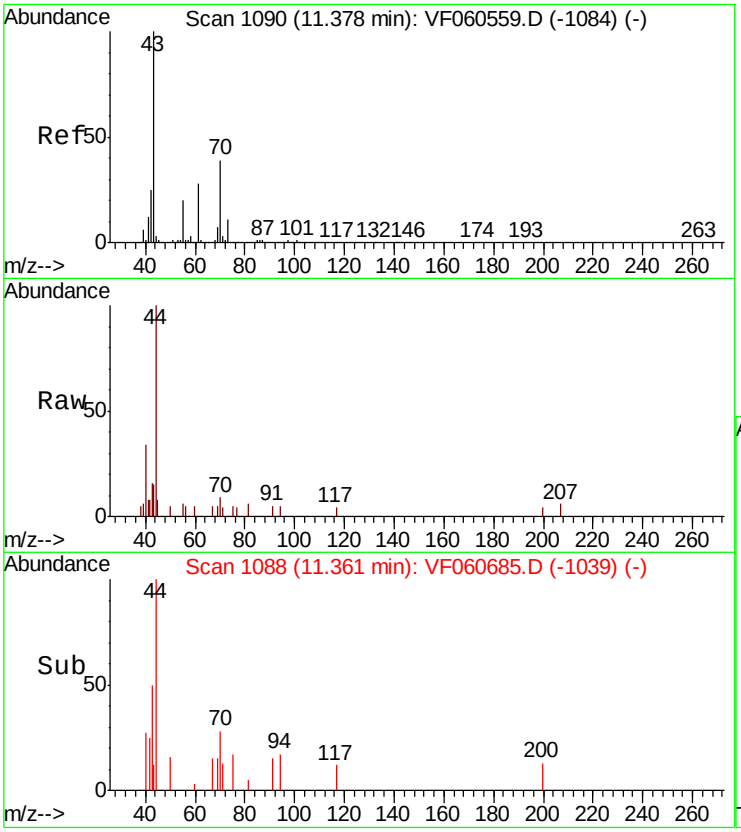


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion:152 Resp: 155811

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.6	88.8
150	156.5	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Tgt Ion: 43 Resp: 1215

Ion	Ratio	Lower	Upper
43	100		
70	28.5	30.9	46.3#
55	18.2	16.6	24.8
61	0.0	22.0	33.0#