Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060683.D
Acq On : 9 Nov 2018 20:33
Operator : VA/AP
Sample : J5884-03
Misc : 6.15g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Quant Time: Nov 12 04:15:04 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	161962	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	274387	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	238970	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	117075	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	102381	62.56	ug/l	0.01
Spiked Amount 50.000			Recovery = 125.12%			
35) Dibromofluoromethane	4.13	113	120193	56.70	ug/l	0.02
Spiked Amount 50.000			Recovery = 113.40%			
50) Toluene-d8	7.56	98	316395	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.76%			
62) 4-Bromofluorobenzene	11.42	95	144517	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	262	Below Cal	#	41
5) Bromomethane	1.36	94	1364	1.860 ug/l	#	1
6) Chloroethane	1.37	64	81	Below Cal	#	1
11) Tert butyl alcohol	2.58	59	1111	6.359 ug/l	#	1
13) Acrolein	2.03	56	592	Below Cal		87
15) Acrylonitrile	2.99	53	572	2.933 ug/l		97
16) Acetone	2.25	43	19376	50.249 ug/l	#	90
18) Methyl Acetate	2.36	43	1716	3.317 ug/l	#	64
20) Methylene Chloride	2.23	84	713	Below Cal	#	67
25) 2-Butanone	4.36	43	5881	Below Cal		97
29) Tetrahydrofuran	4.40	42	165	Below Cal		98
48) Methyl methacrylate	6.74	41	1277	1.108 ug/l	#	43
51) 4-Methyl-2-Pentanone	8.27	43	2004	1.624 ug/l		88
58) 2-Chloroethyl Vinyl ether	7.60	63	65	Below Cal		100
59) 2-Hexanone	9.51	43	1514	Below Cal		77
74) N-amyl acetate	11.39	43	847	Below Cal	#	59
89) n-Butylbenzene	12.85	91	1727	Below Cal	#	76

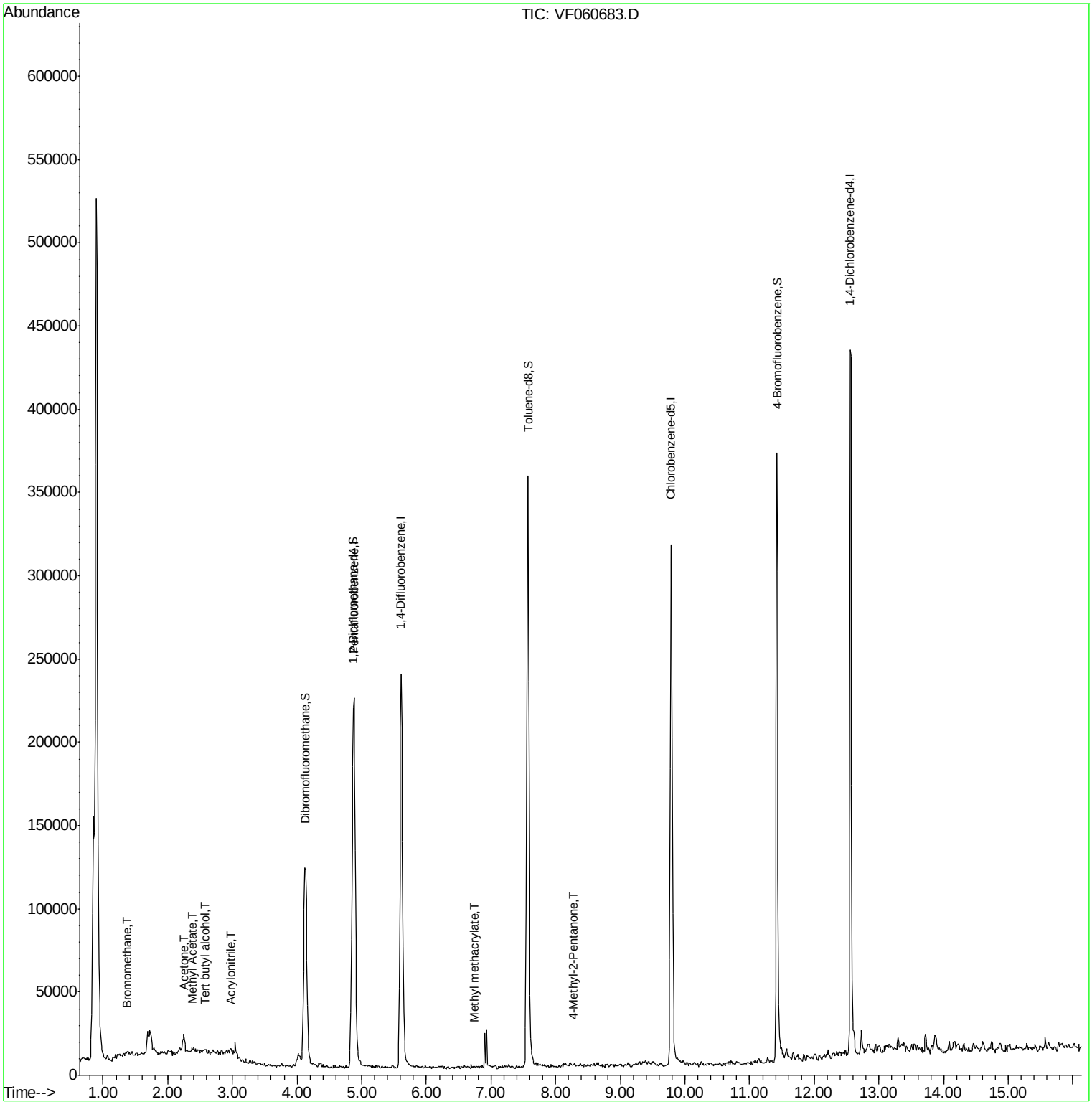
(#) = qualifier out of range (m) = manual integration (+) = signals summed

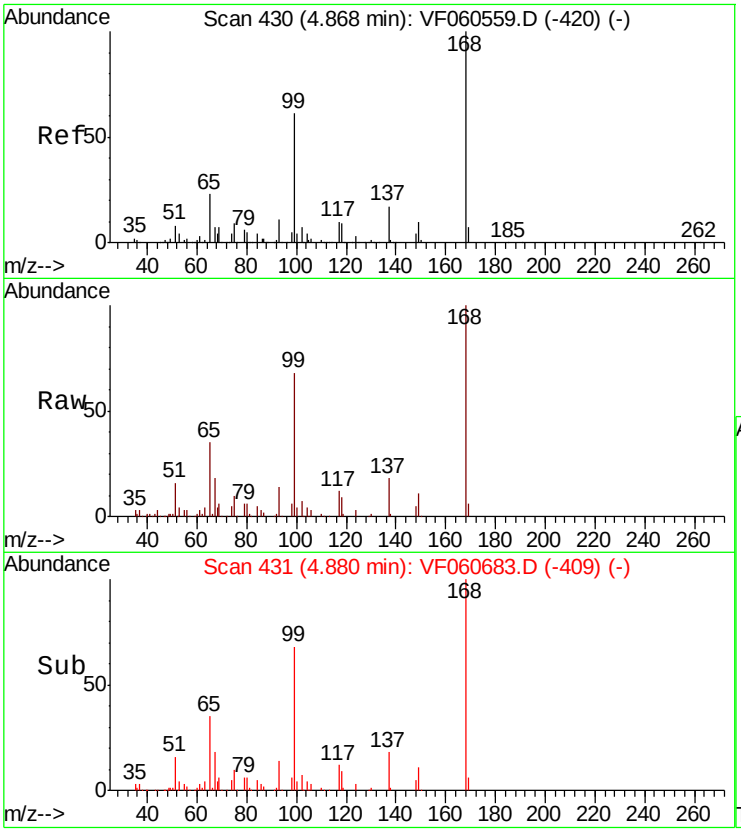
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060683.D
Acq On : 9 Nov 2018 20:33
Operator : VA/AP
Sample : J5884-03
Misc : 6.15g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Quant Time: Nov 12 04:15:04 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



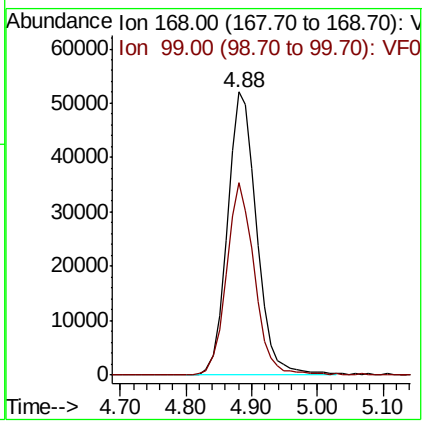


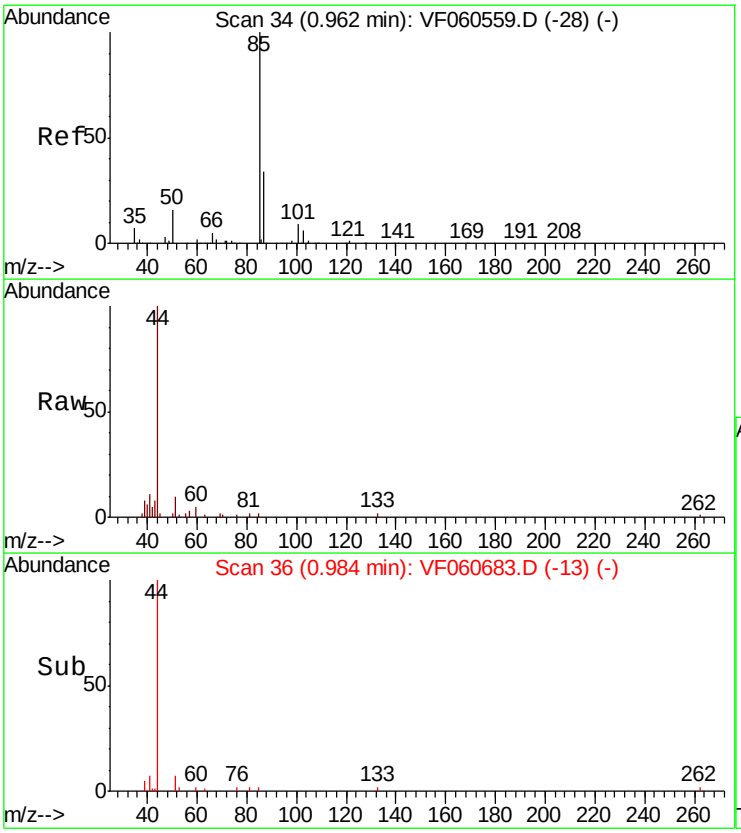
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Tgt Ion:168 Resp: 161962

Ion	Ratio	Lower	Upper
168	100		
99	68.2	48.6	72.8

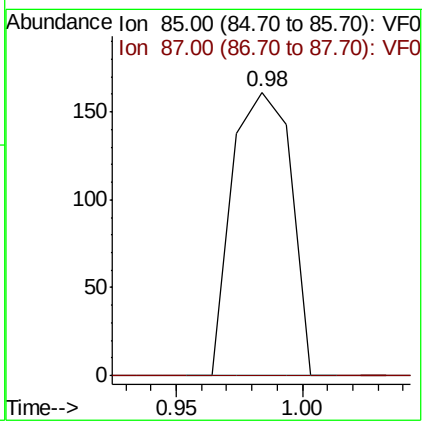


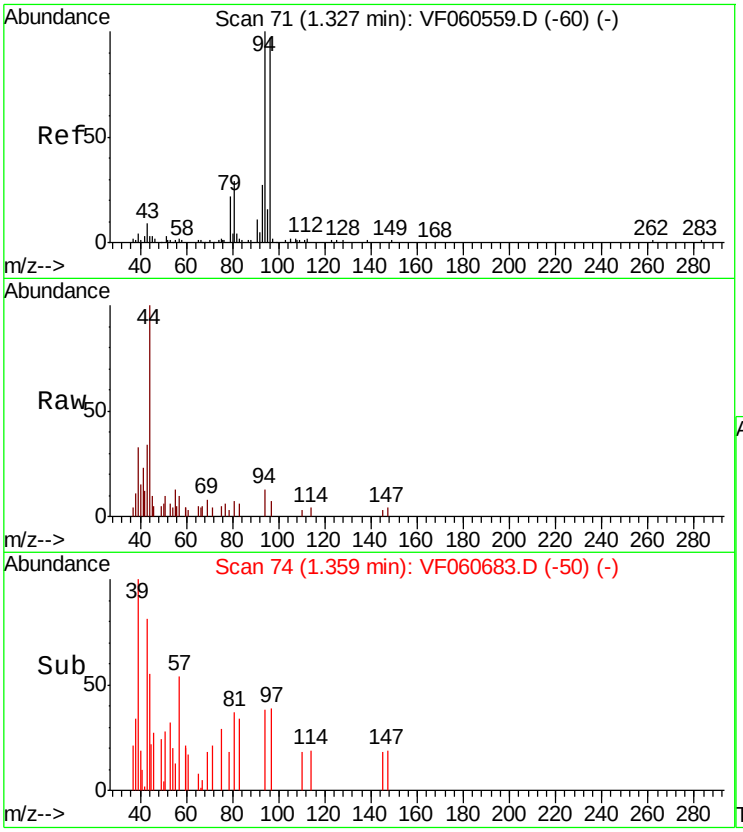


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 36
Delta R.T. 0.02 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 85 Resp: 262

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



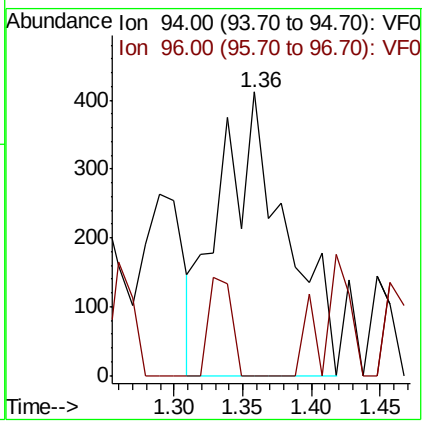


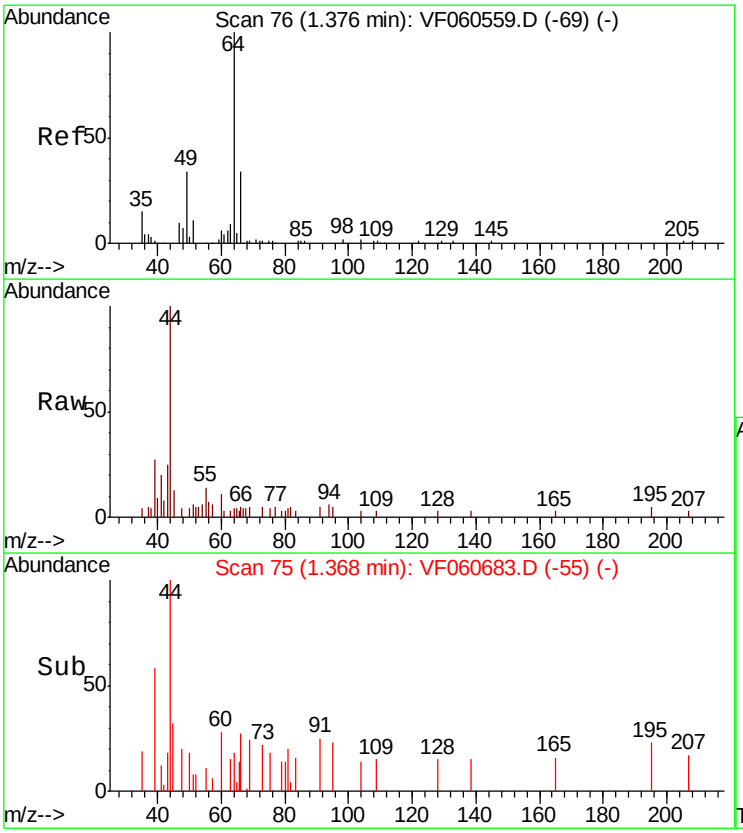
#5
Bromomethane
Concen: 1.860 ug/l
RT: 1.36 min Scan# 74
Delta R.T. 0.03 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Tgt Ion: 94 Resp: 1364

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.9	116.9#

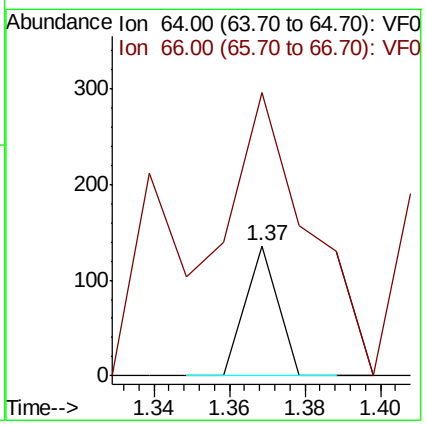


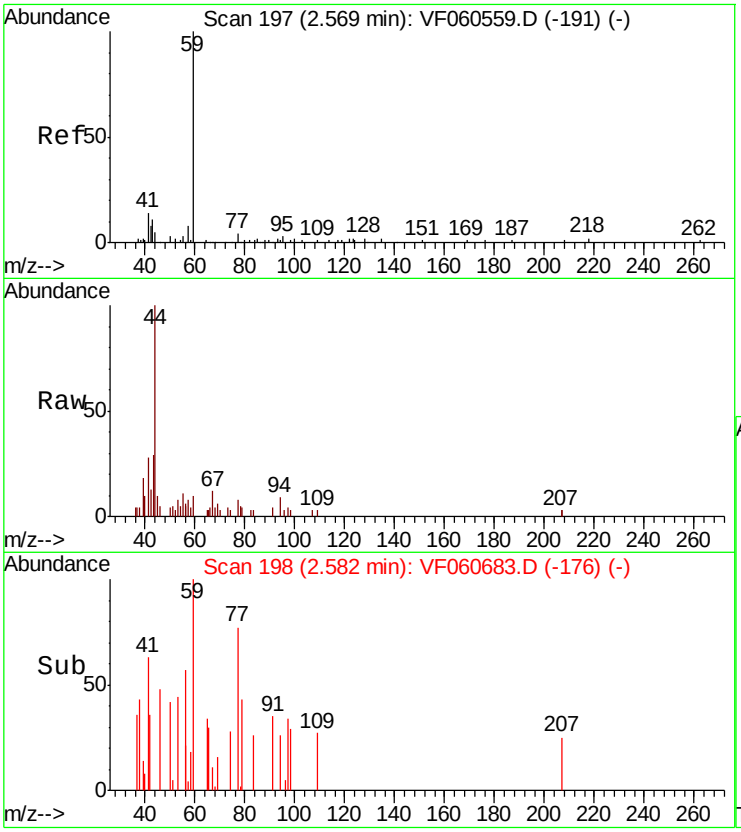


#6
Chloroethane
Concen: Below Cal
RT: 1.37 min Scan# 75
Delta R.T. -0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 64 Resp: 81

Ion	Ratio	Lower	Upper
64	100		
66	217.6	27.8	41.8#



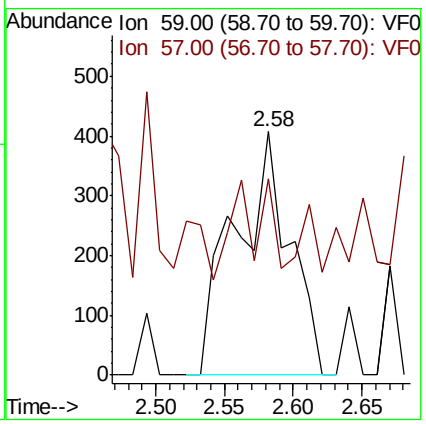


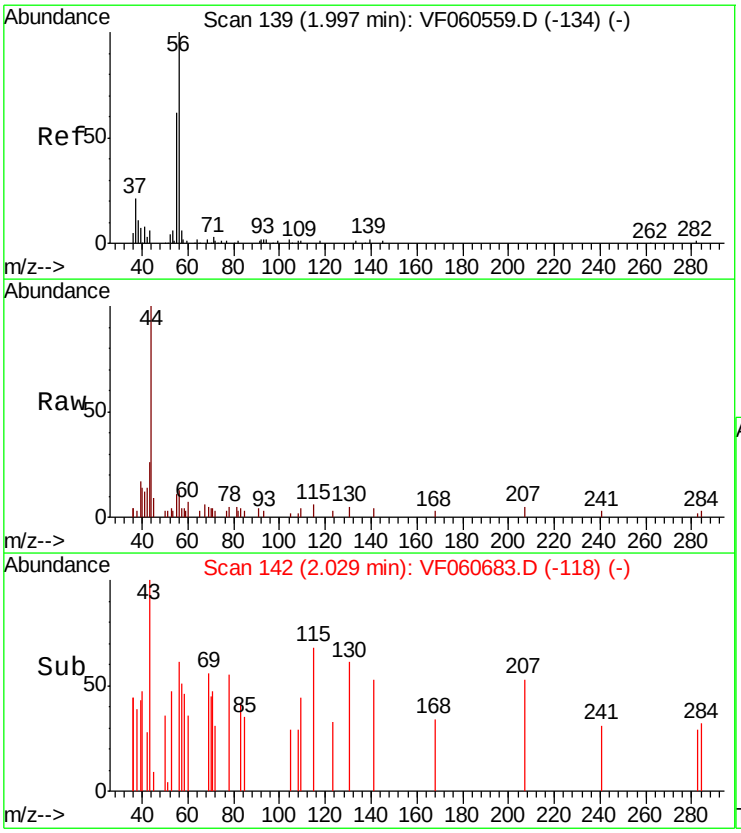
#11
Tert butyl alcohol
Concen: 6.359 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion: 59 Resp: 1111

Ion	Ratio	Lower	Upper
59	100		
57	80.8	19.0	28.4#

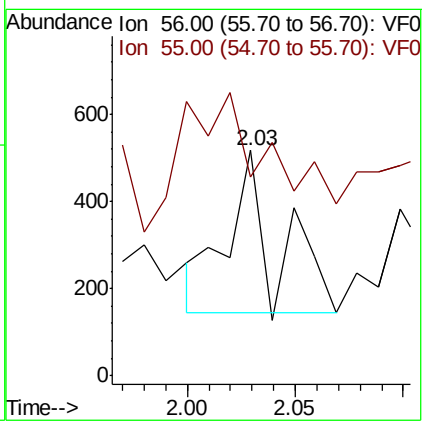


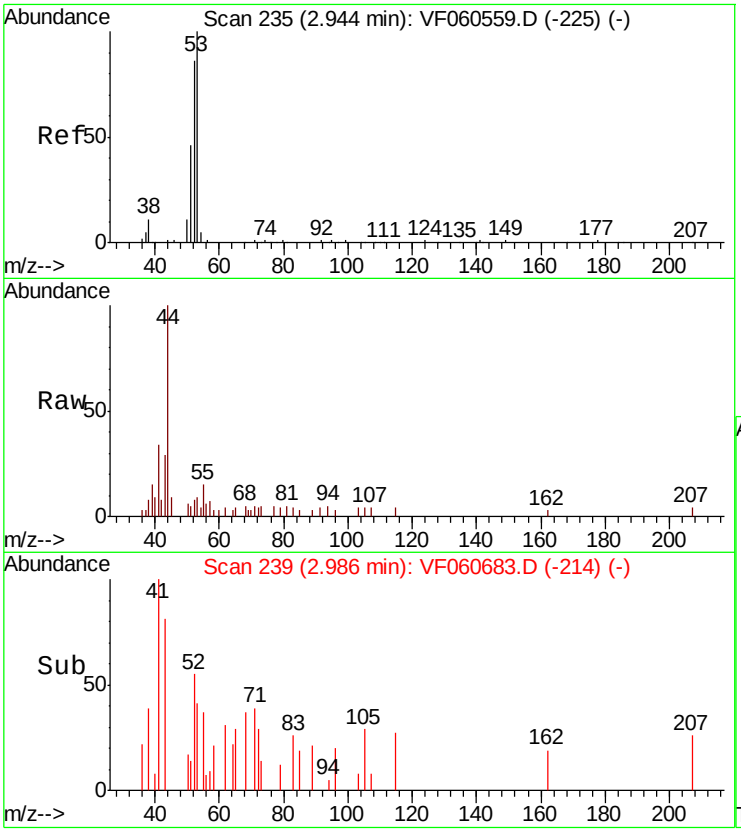


#13
Acrolein
Concen: Below Cal
RT: 2.03 min Scan# 142
Delta R.T. 0.03 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 56 Resp: 592

Ion	Ratio	Lower	Upper
56	100		
55	88.0	61.8	92.6



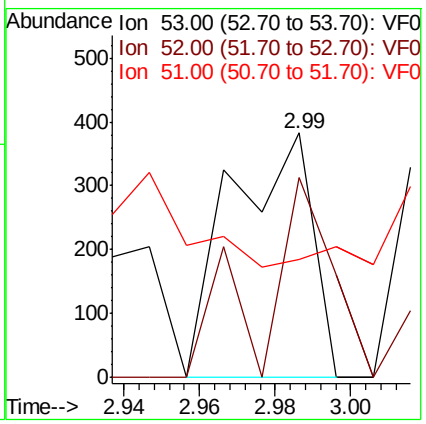


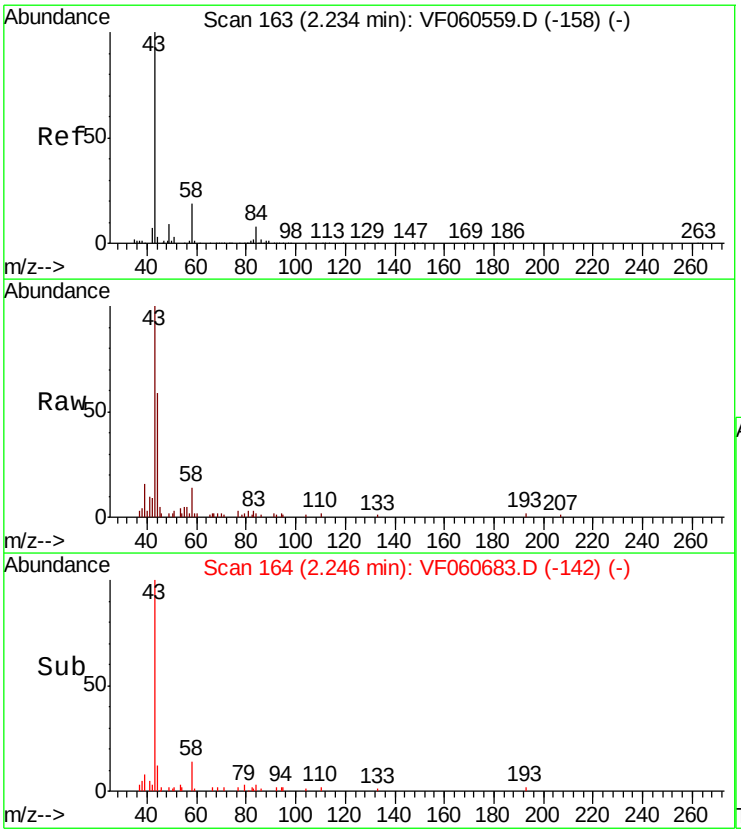
#15
Acrylonitrile
Concen: 2.933 ug/l
RT: 2.99 min Scan# 239
Delta R.T. 0.04 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion: 53 Resp: 572

Ion	Ratio	Lower	Upper
53	100		
52	81.5	68.5	102.7
51	48.0	38.2	57.2

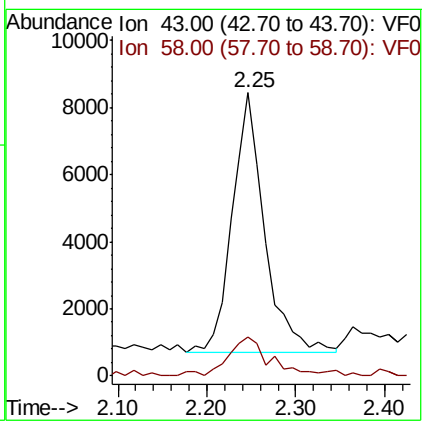


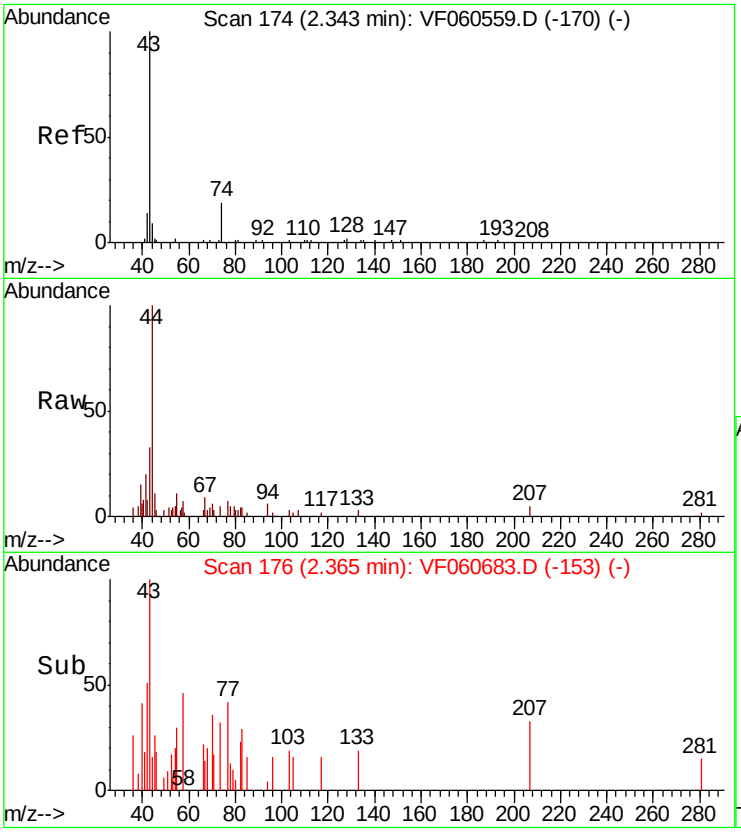


#16
Acetone
Concen: 50.249 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 43 Resp: 19376

Ion	Ratio	Lower	Upper
43	100		
58	13.7	14.6	22.0#



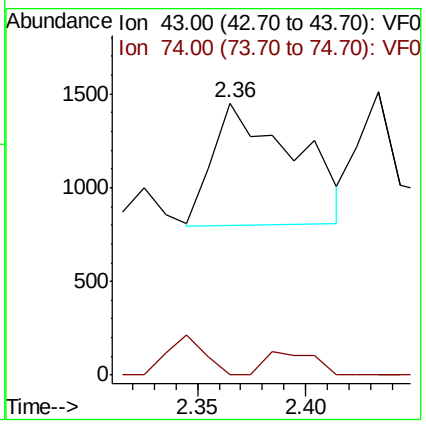


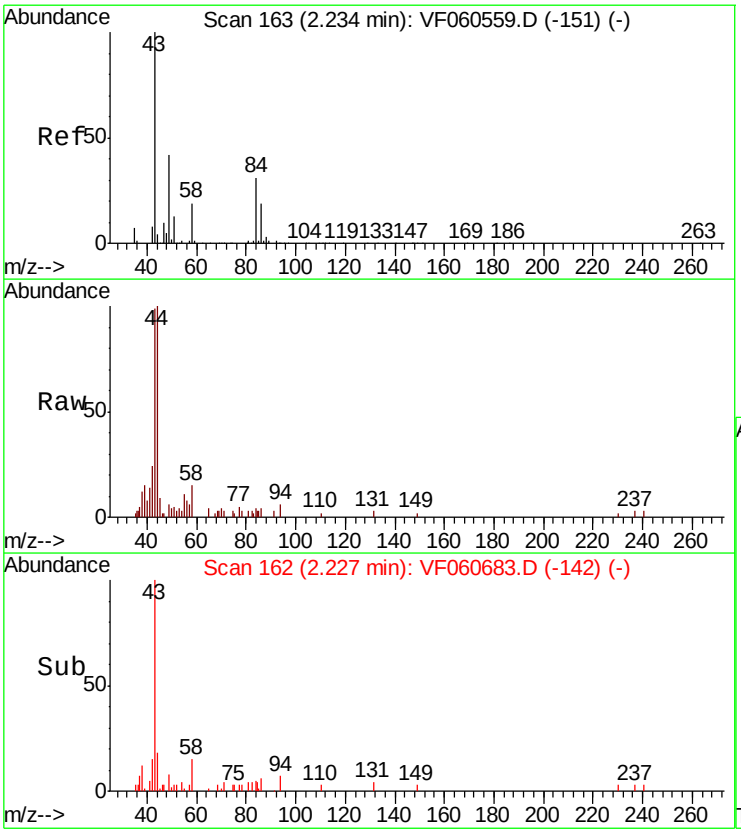
#18
Methyl Acetate
Concen: 3.317 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Tgt Ion: 43 Resp: 1716

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

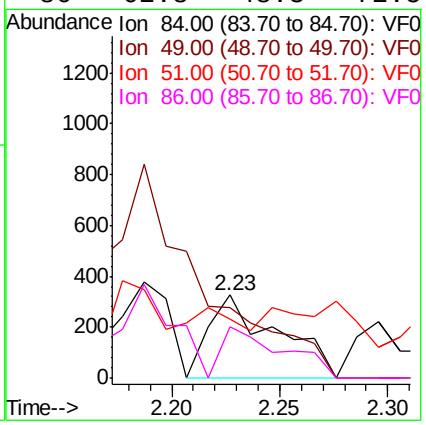


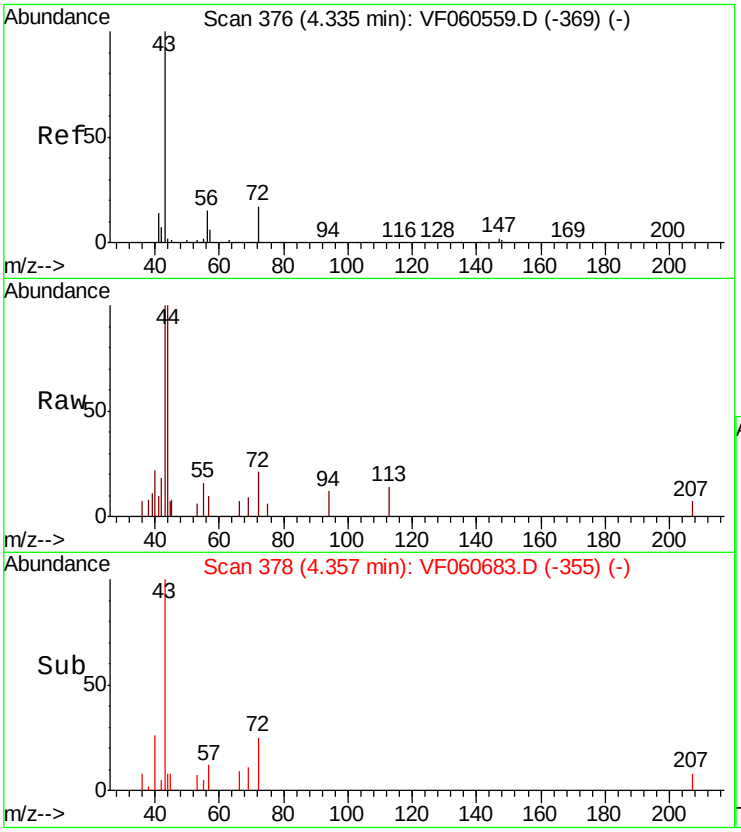


#20
Methylene Chloride
Concen: Below Cal
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 84 Resp: 713

Ion	Ratio	Lower	Upper
84	100		
49	85.5	109.9	164.9#
51	72.0	35.8	53.8#
86	62.8	48.3	72.5



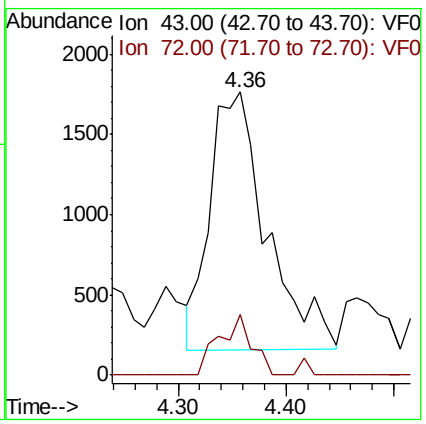


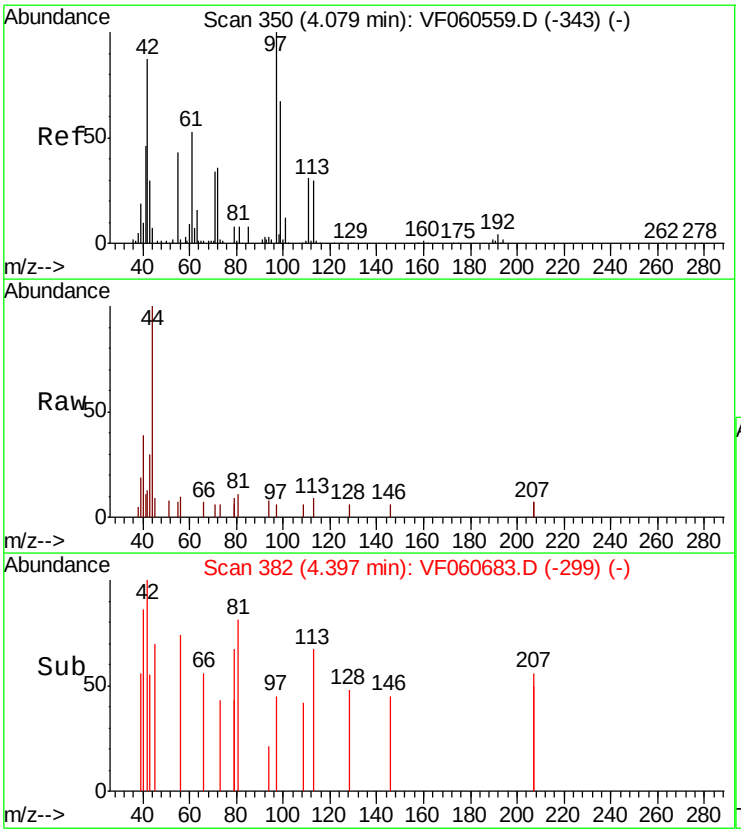
#25
2-Butanone
Concen: Below Cal
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Tgt Ion: 43 Resp: 5881

Ion	Ratio	Lower	Upper
43	100		
72	21.4	16.2	24.2

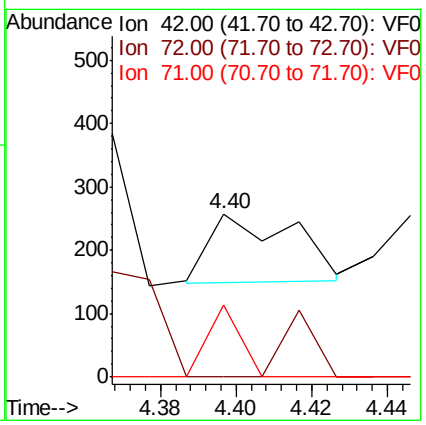


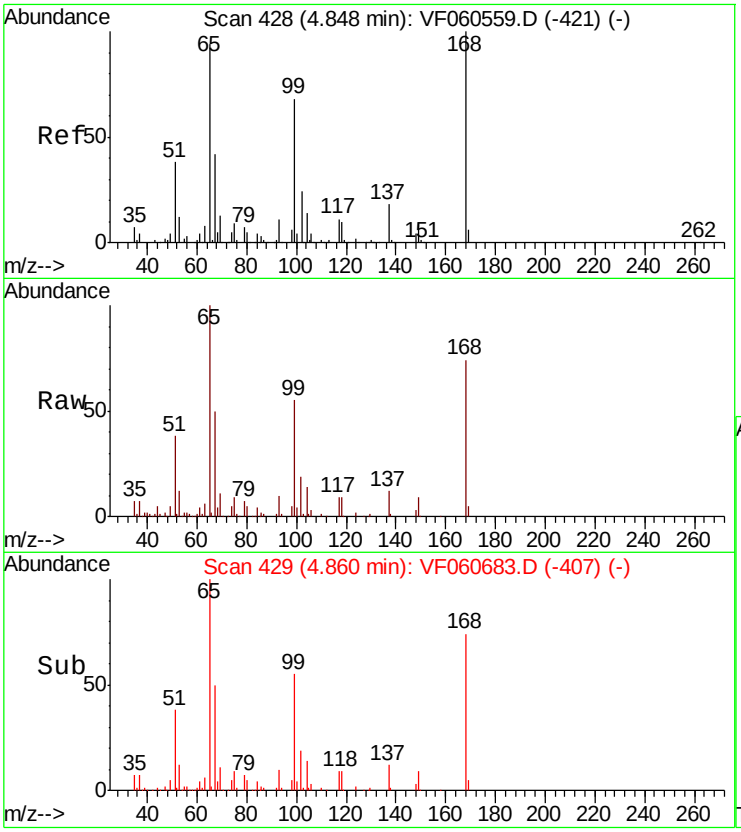


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.40 min Scan# 382
Delta R.T. 0.32 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 42 Resp: 165

Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.4	47.0
71	40.6	31.8	47.6



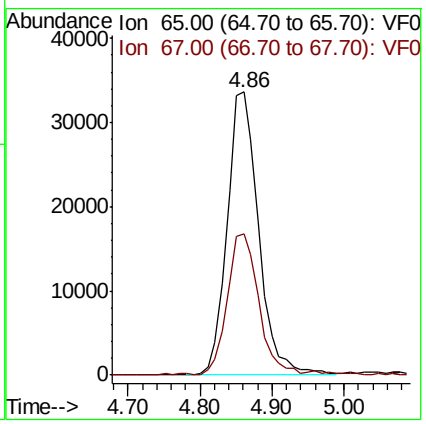


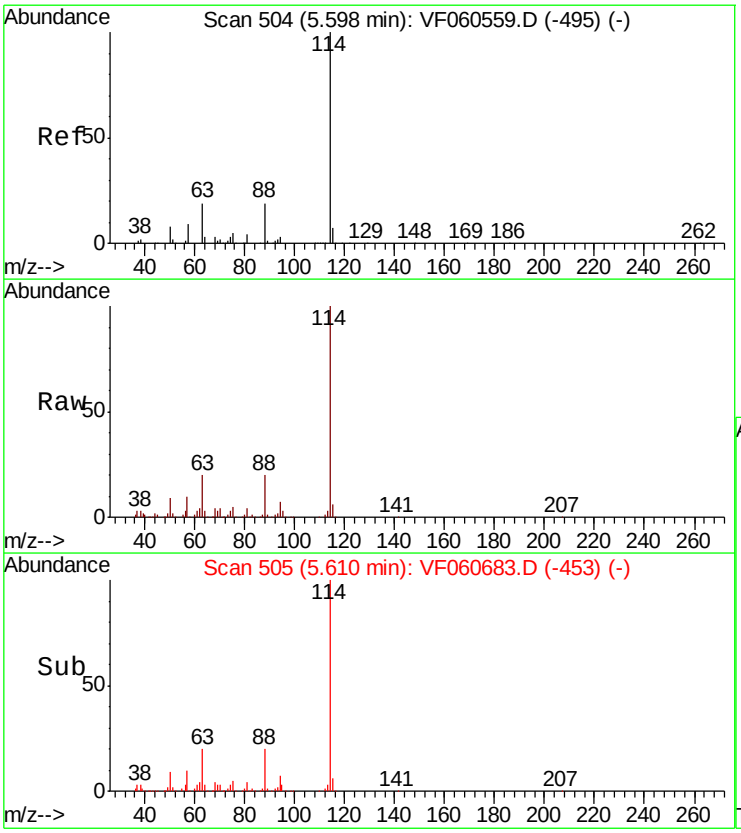
#33
1,2-Dichloroethane-d4
Concen: 62.564 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion: 65 Resp: 102381

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.8

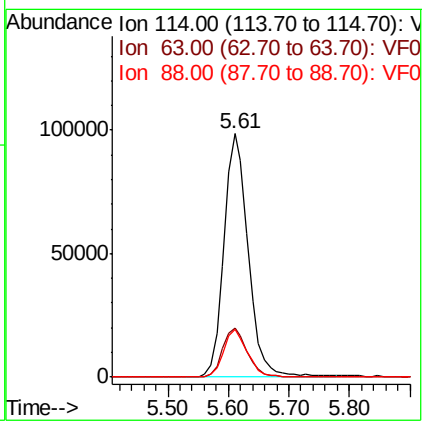


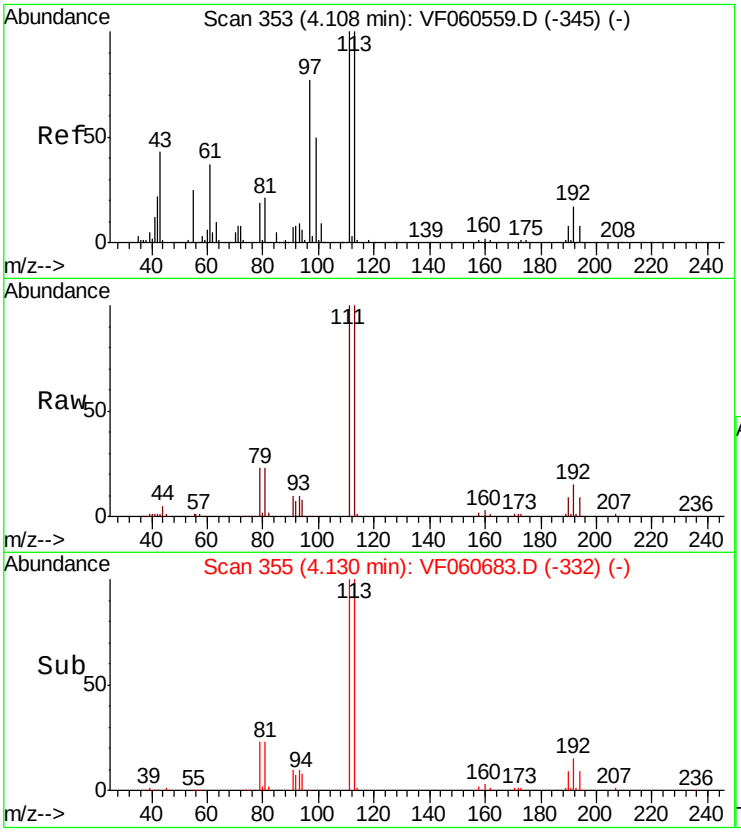


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion:114 Resp: 274387

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	19.7	0.0	38.2



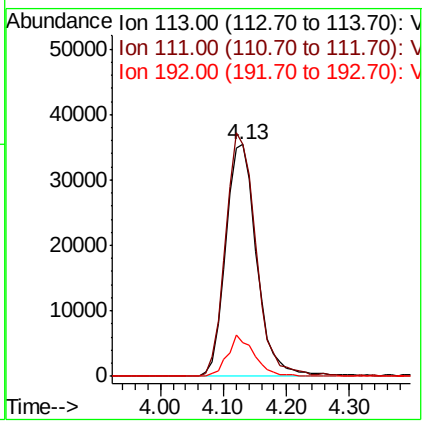


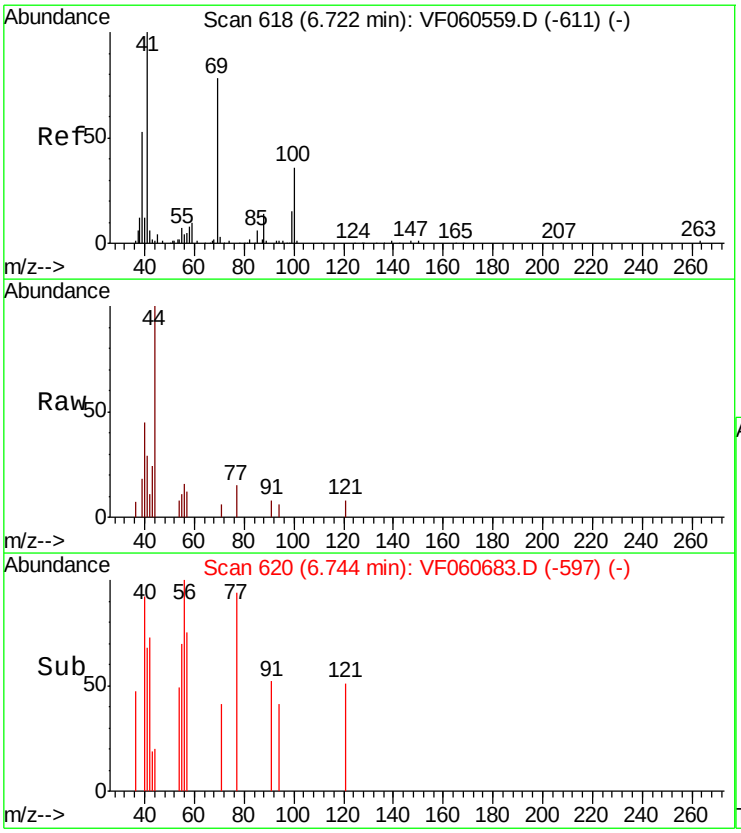
#35
Dibromofluoromethane
Concen: 56.697 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion:113 Resp: 120193

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.9	119.9
192	15.1	13.3	19.9

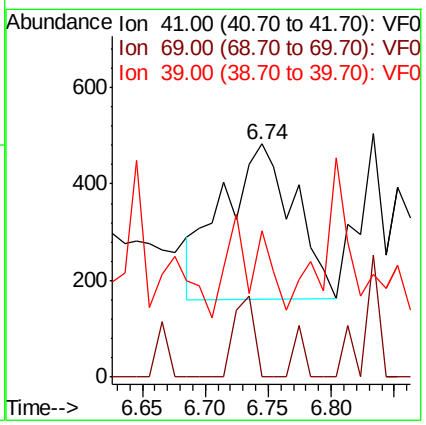


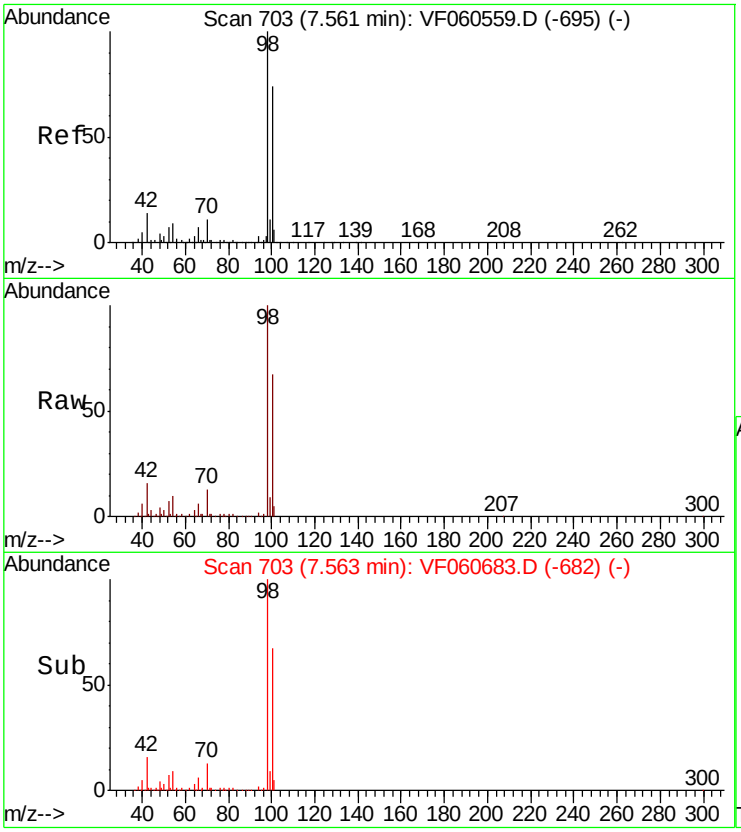


#48
Methyl methacrylate
Concen: 1.108 ug/l
RT: 6.74 min Scan# 620
Delta R.T. 0.02 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 41 Resp: 1277

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.1	91.7#
39	62.9	43.0	64.6



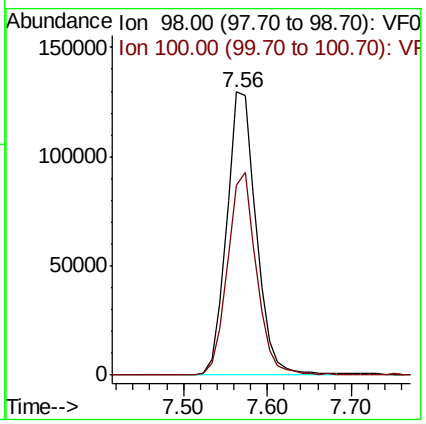


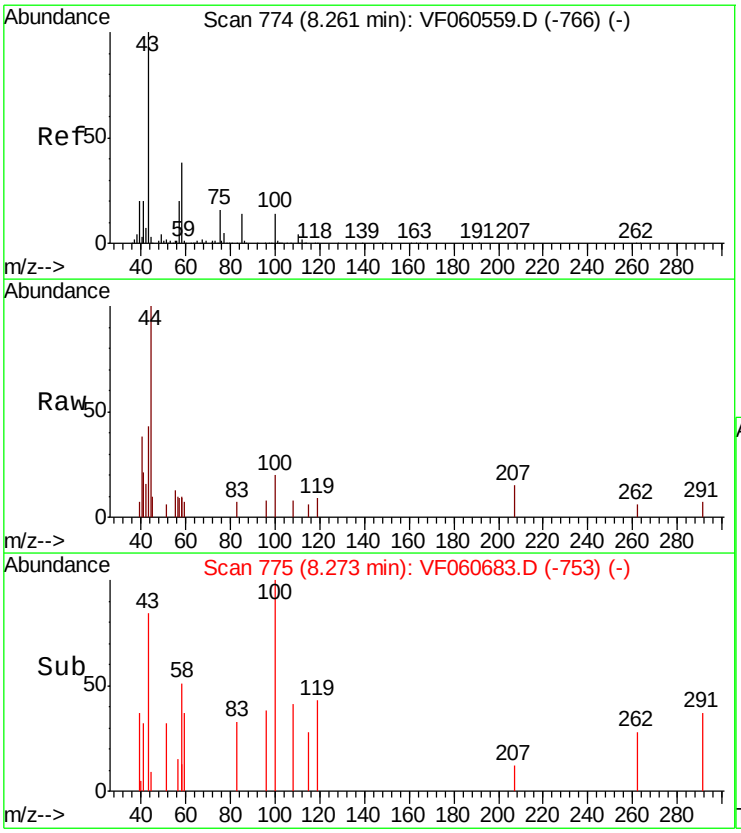
#50
Toluene-d8
Concen: 50.383 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion: 98 Resp: 316395

Ion	Ratio	Lower	Upper
98	100		
100	67.2	59.4	89.2

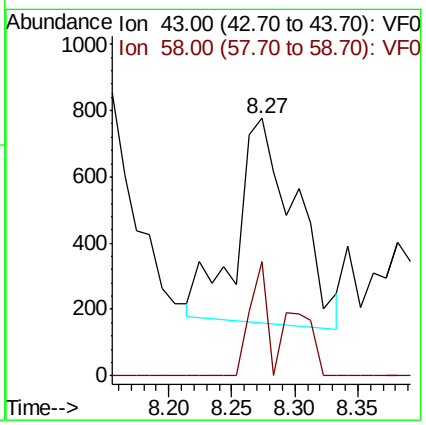


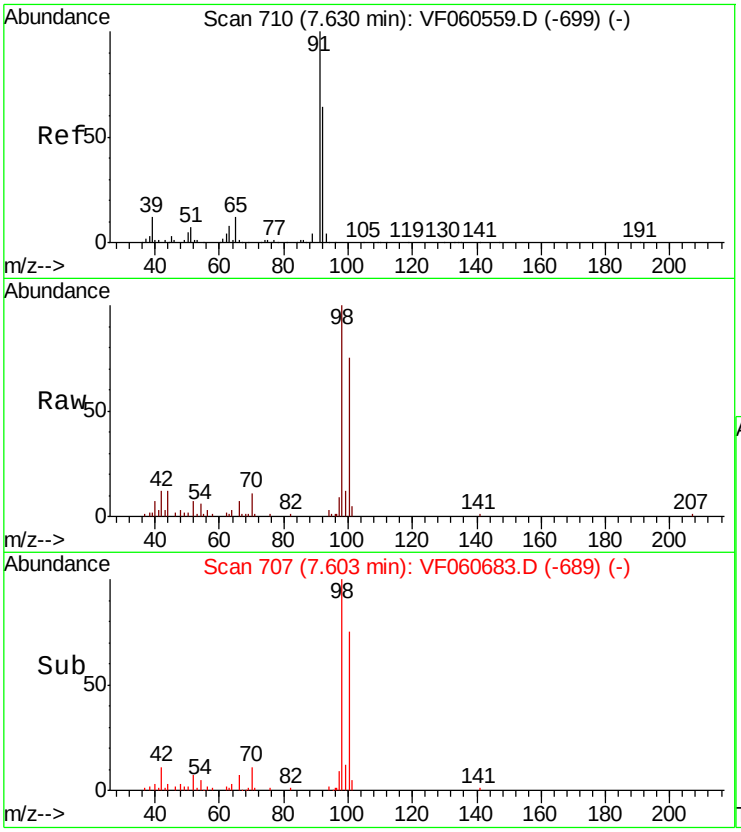


#51
4-Methyl-2-Pentanone
Concen: 1.624 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 43 Resp: 2004

Ion	Ratio	Lower	Upper
43	100		
58	44.6	30.1	45.1



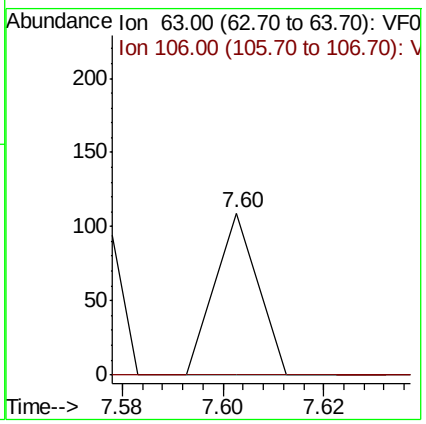


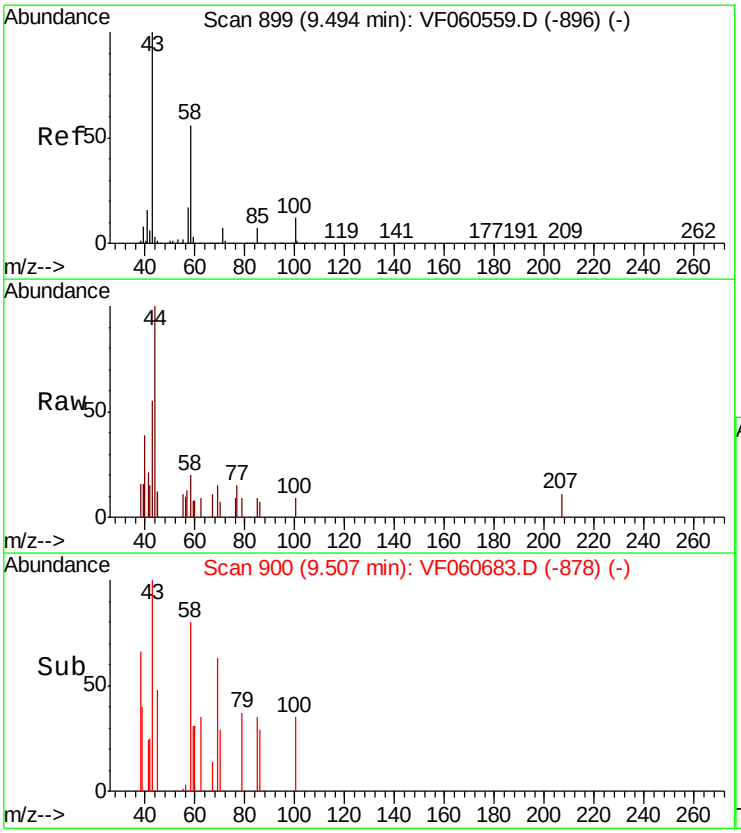
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument : MSVOA_F
ClientSampleId : TP-3-S

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

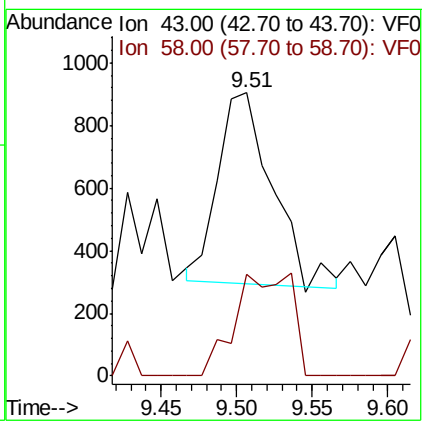


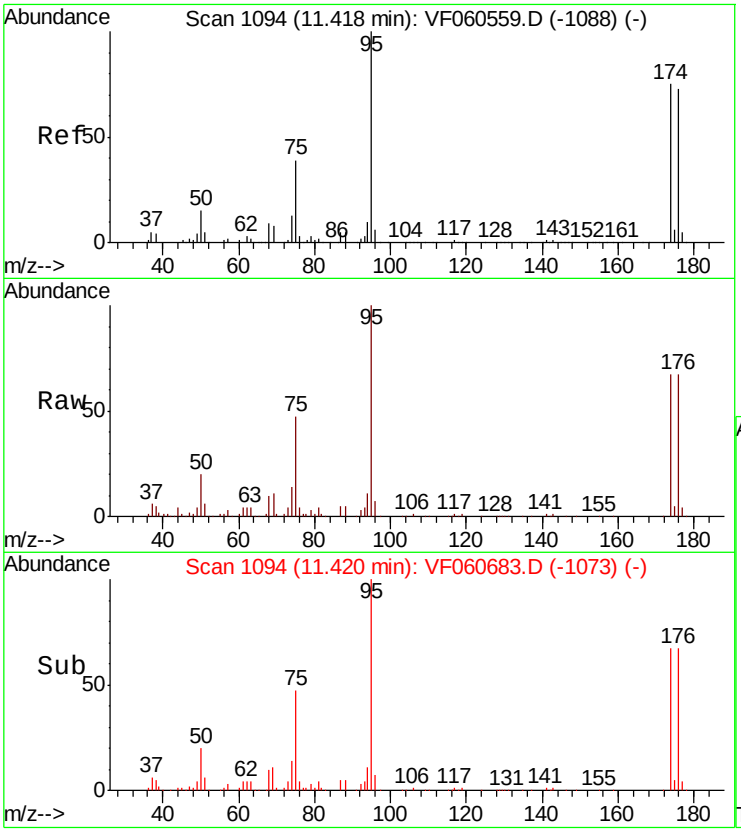


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 43 Resp: 1514

Ion	Ratio	Lower	Upper
43	100		
58	36.1	26.1	78.3



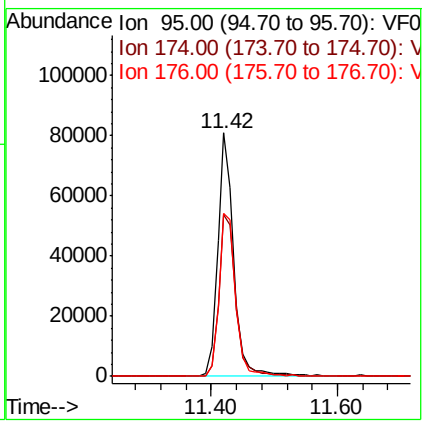


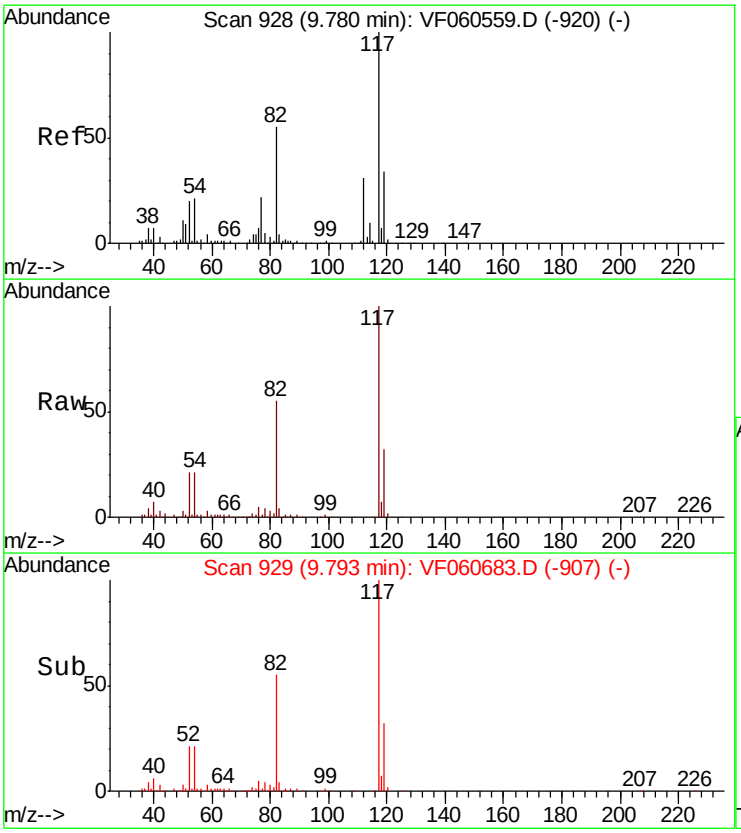
#62
4-Bromofluorobenzene
Concen: 52.611 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion: 95 Resp: 144517

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	149.0
176	66.9	0.0	145.6

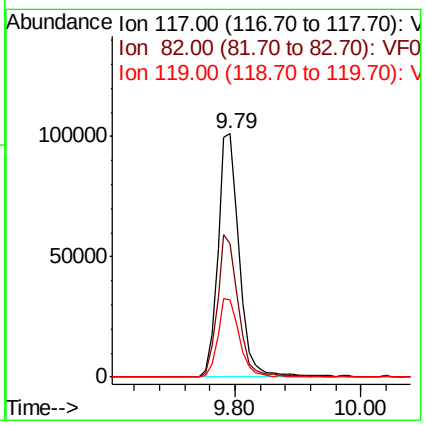


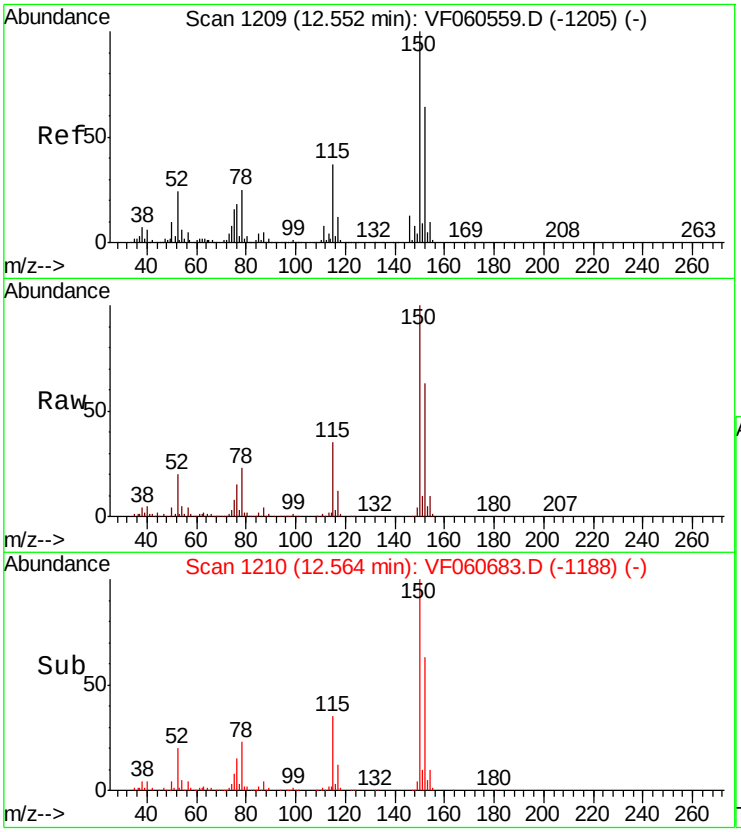


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion:117 Resp: 238970

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.9	65.9
119	31.6	27.4	41.0



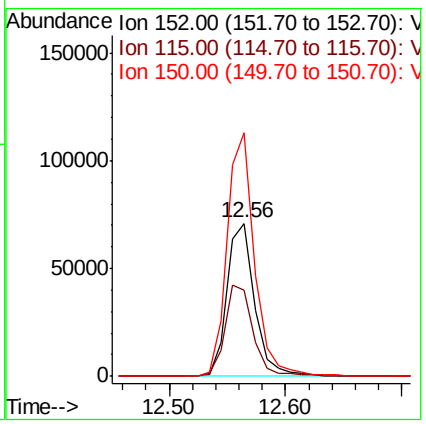


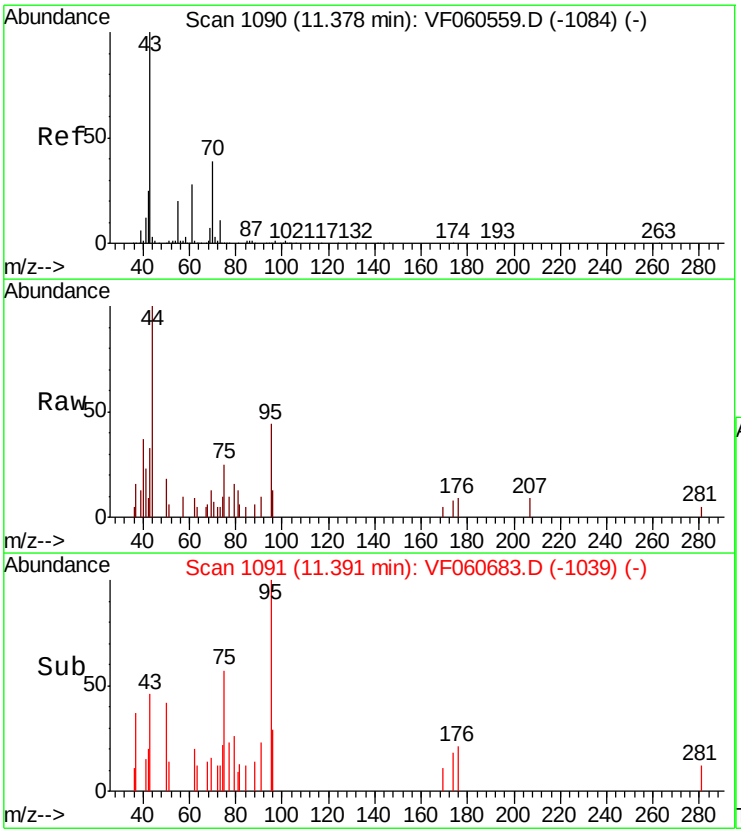
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Instrument :
MSVOA_F
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 117075

Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.6	88.8
150	158.7	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.39 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VF060683.D
Acq: 9 Nov 2018 20:33

Tgt Ion: 43 Resp: 847

Ion	Ratio	Lower	Upper
43	100		
70	20.3	30.9	46.3#
55	0.0	16.6	24.8#
61	0.0	22.0	33.0#