Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059255.D
Acq On : 21 Jun 2018 6:42
Operator : VA/AP
Sample : J3602-01
Misc : 5.39g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 21 08:04:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	211126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	331061	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	308398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	208811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	162159	63.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.66%			
35) Dibromofluoromethane	4.29	113	143374	61.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.44%			
50) Toluene-d8	7.71	98	304607	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.26%			
62) 4-Bromofluorobenzene	11.51	95	195634	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.78%			
Target Compounds						Qvalue
8) Diethyl Ether	1.70	74	668	1.023	ug/l	77
11) Tert butyl alcohol	2.68	59	1633	9.954	ug/l #	71
13) Acrolein	2.09	56	6041	42.542	ug/l #	1
14) Allyl chloride	2.09	41	144722	53.004	ug/l #	78
15) Acrylonitrile	3.08	53	405	1.243	ug/l #	26
16) Acetone	2.34	43	59447	97.239	ug/l	92
18) Methyl Acetate	2.49	43	9822	9.346	ug/l #	75
20) Methylene Chloride	2.28	84	5115	3.494	ug/l #	68
25) 2-Butanone	4.54	43	1816	1.916	ug/l #	56
29) Tetrahydrofuran	4.26	42	613	1.468	ug/l	98
39) Methylcyclohexane	5.76	83	3957	1.210	ug/l #	37
49) 1,4-Dioxane	6.62	88	60	17.570	ug/l #	16
59) 2-Hexanone	9.64	43	1510	1.049	ug/l	82
89) n-Butylbenzene	12.91	91	589	Below Cal	#	77

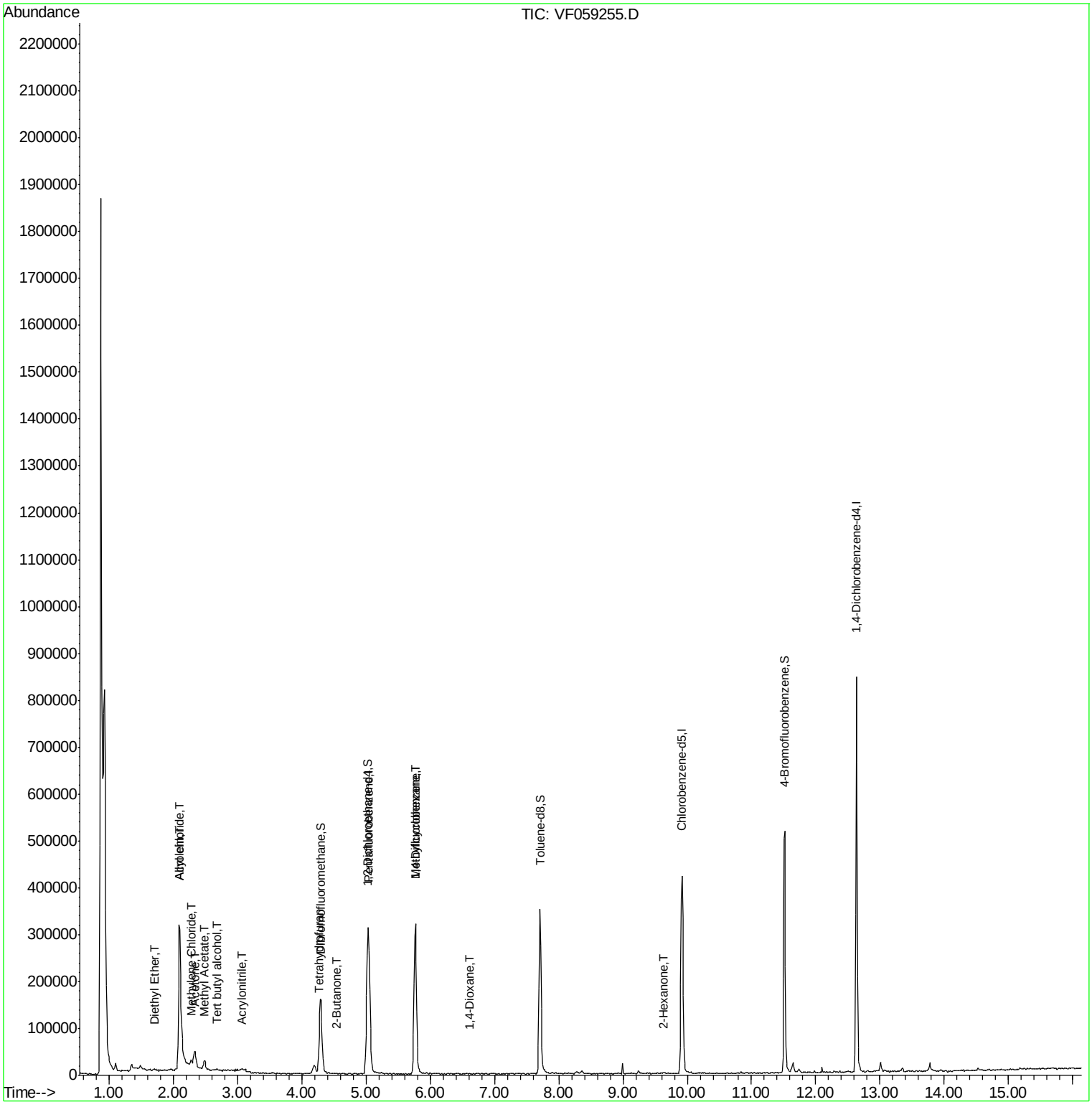
(#) = qualifier out of range (m) = manual integration (+) = signals summed

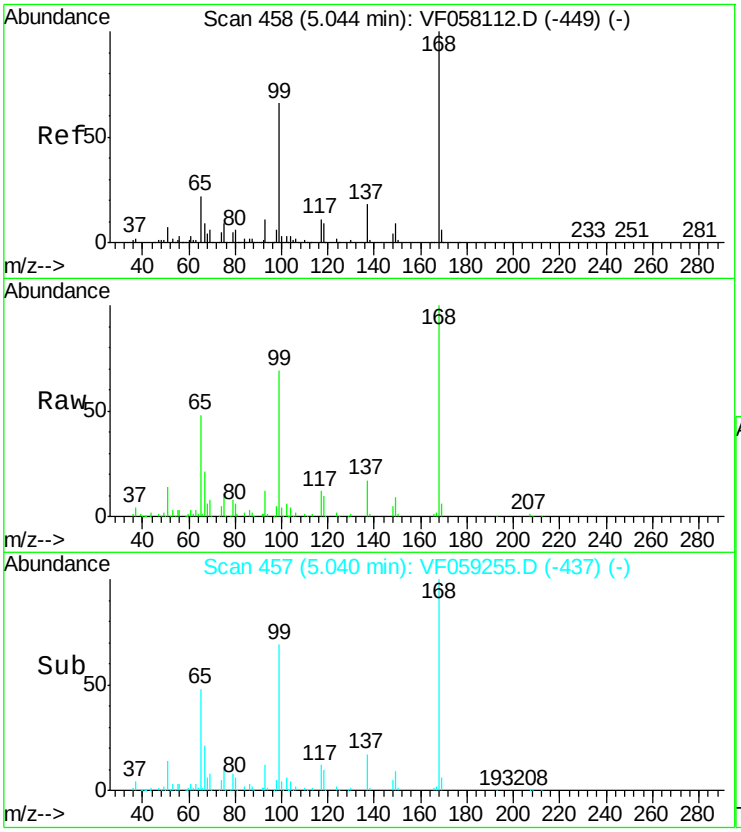
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059255.D
Acq On : 21 Jun 2018 6:42
Operator : VA/AP
Sample : J3602-01
Misc : 5.39g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 21 08:04:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



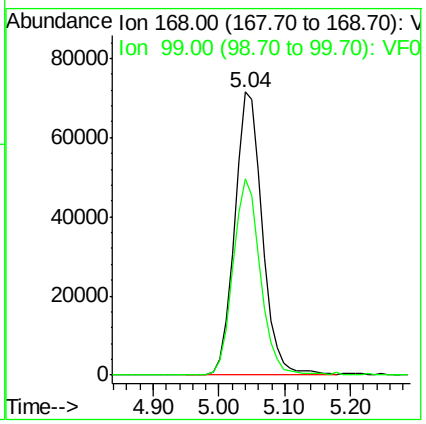


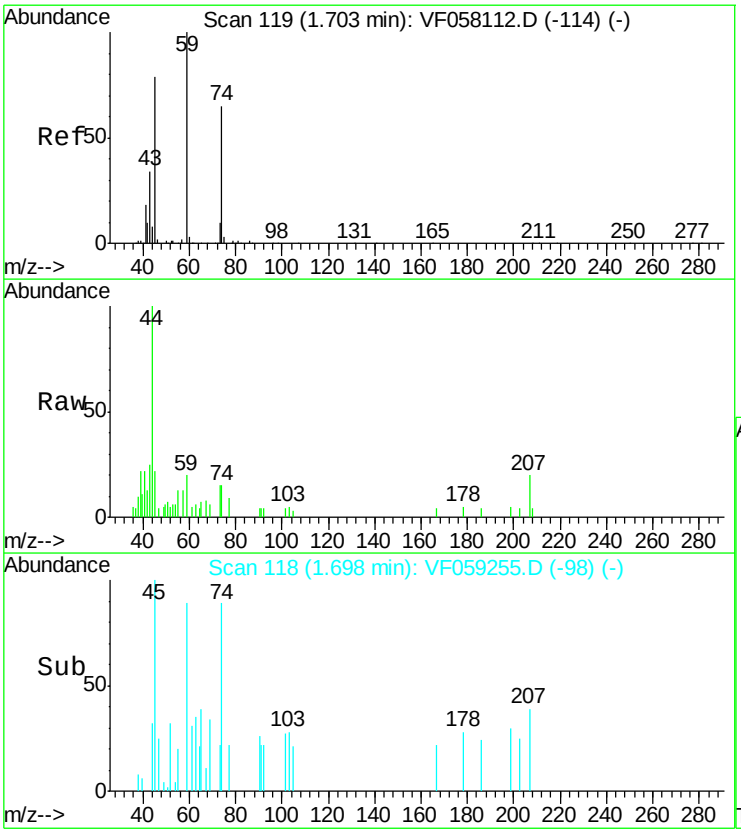
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 211126

Ion	Ratio	Lower	Upper
168	100		
99	69.3	52.9	79.3

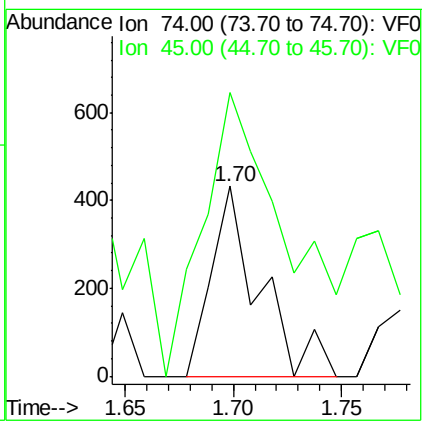


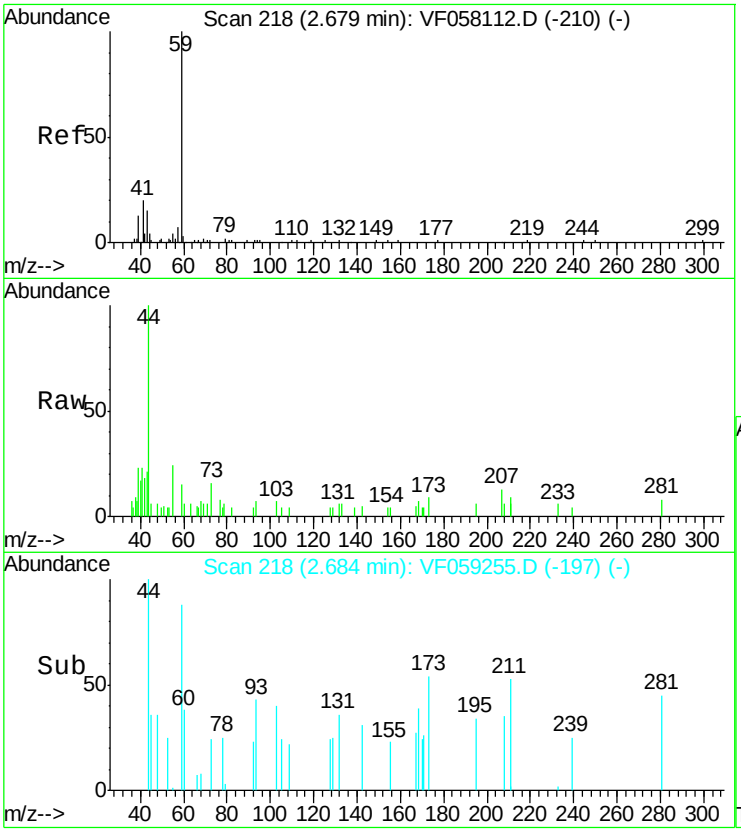


#8
Diethyl Ether
Concen: 1.023 ug/l
RT: 1.70 min Scan# 118
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 74 Resp: 668

Ion	Ratio	Lower	Upper
74	100		
45	149.3	61.5	184.4



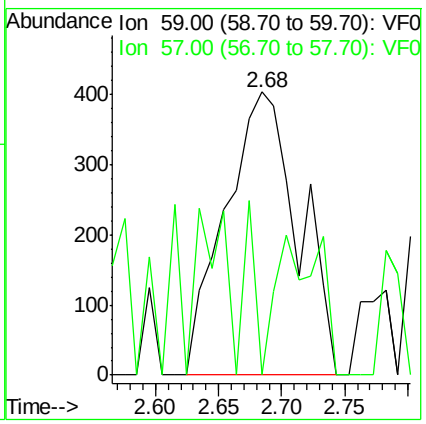


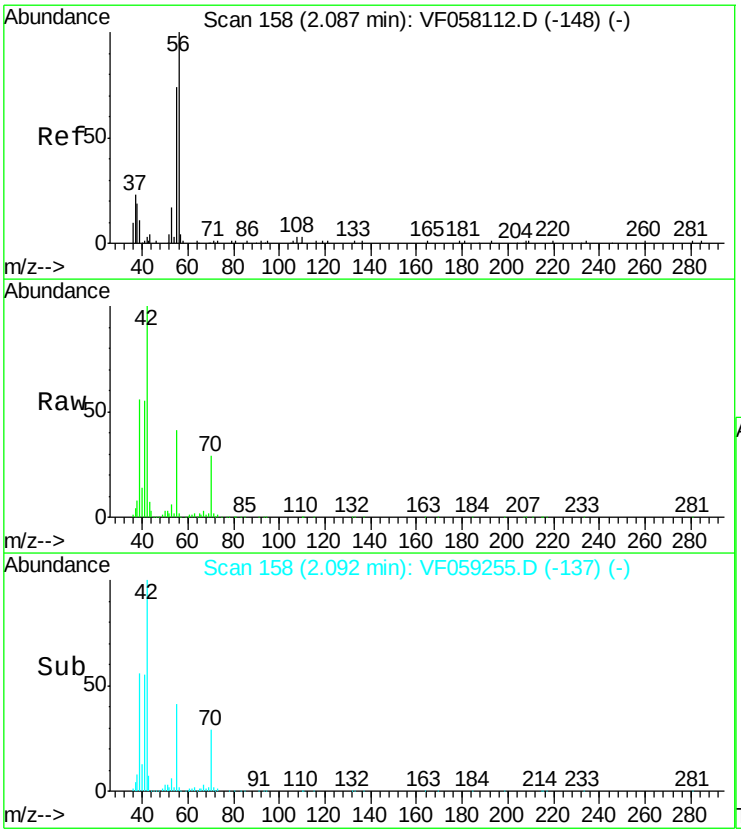
#11
Tert butyl alcohol
Concen: 9.954 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 1633

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

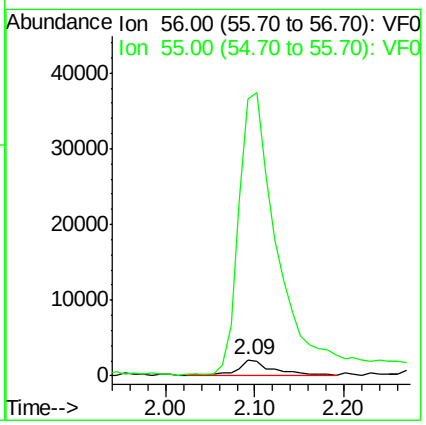


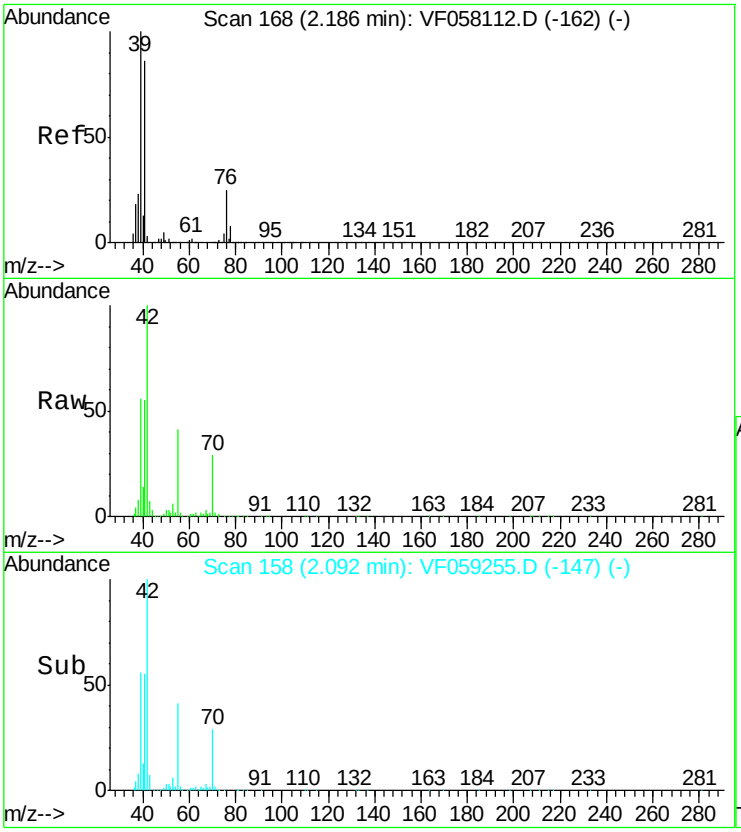


#13
Acrolein
Concen: 42.542 ug/l
RT: 2.09 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 56 Resp: 6041

Ion	Ratio	Lower	Upper
56	100		
55	1750.1	60.0	90.0#



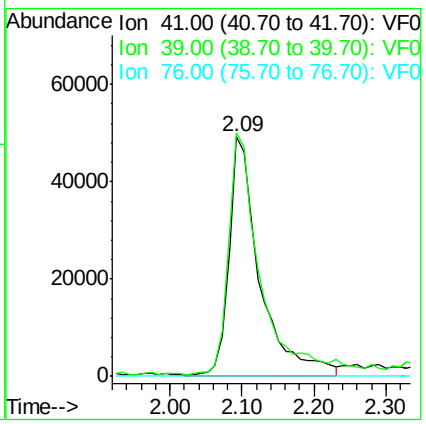


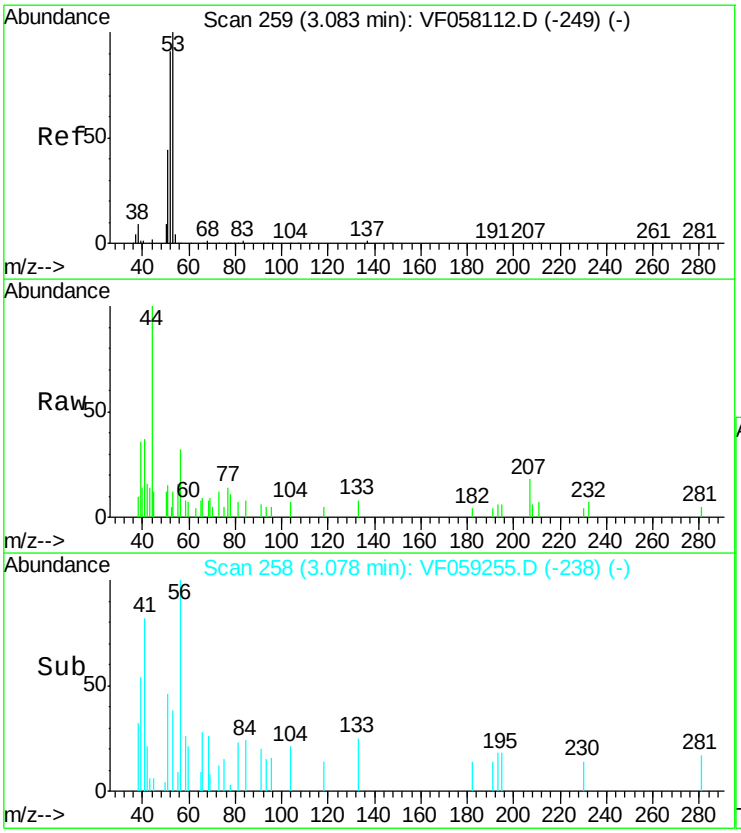
#14
Allyl chloride
Concen: 53.004 ug/l
RT: 2.09 min Scan# 158
Delta R.T. -0.09 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 144722

Ion	Ratio	Lower	Upper
41	100		
39	101.6	93.5	140.3
76	0.0	23.9	35.9#

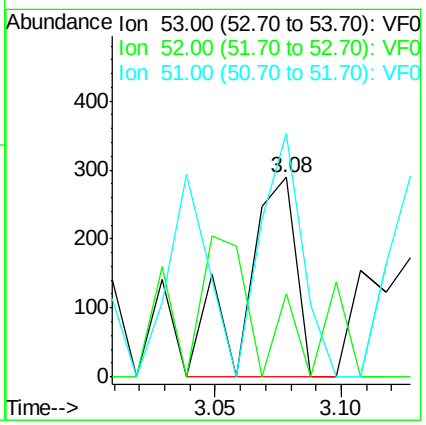


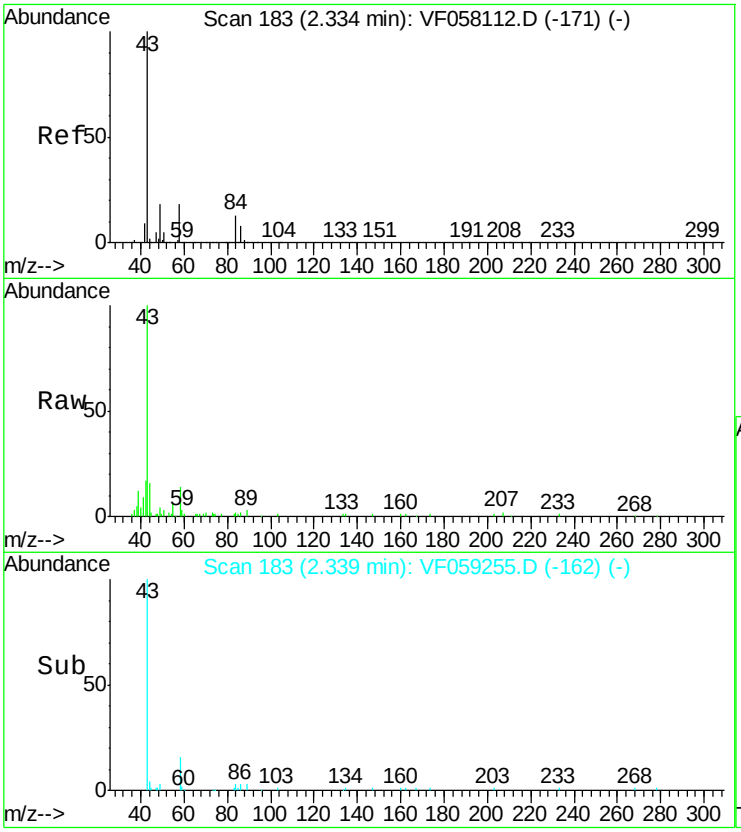


#15
Acrylonitrile
Concen: 1.243 ug/l
RT: 3.08 min Scan# 258
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 53 Resp: 405

Ion	Ratio	Lower	Upper
53	100		
52	41.5	73.2	109.8#
51	122.1	35.6	53.4#



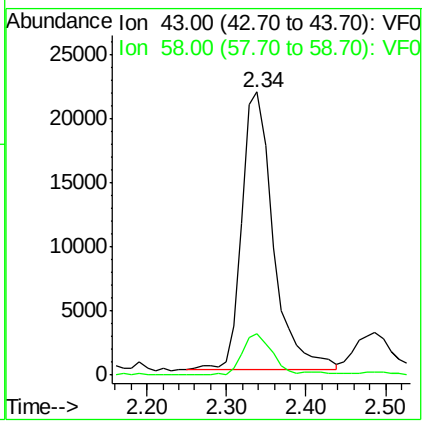


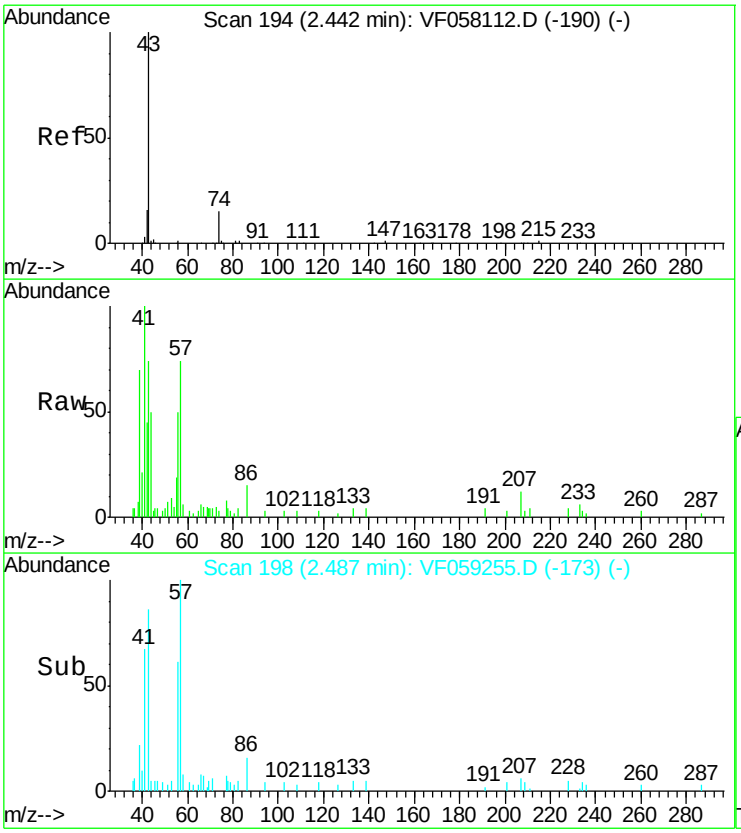
#16
Acetone
Concen: 97.239 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 59447

Ion	Ratio	Lower	Upper
43	100		
58	14.5	14.4	21.6

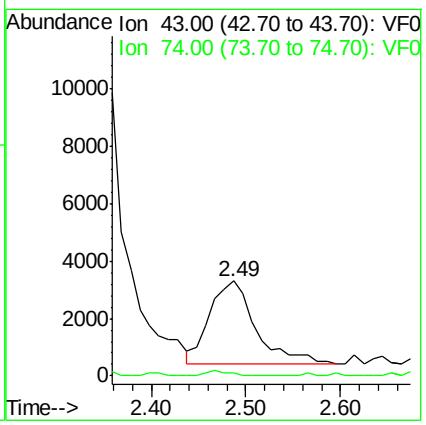


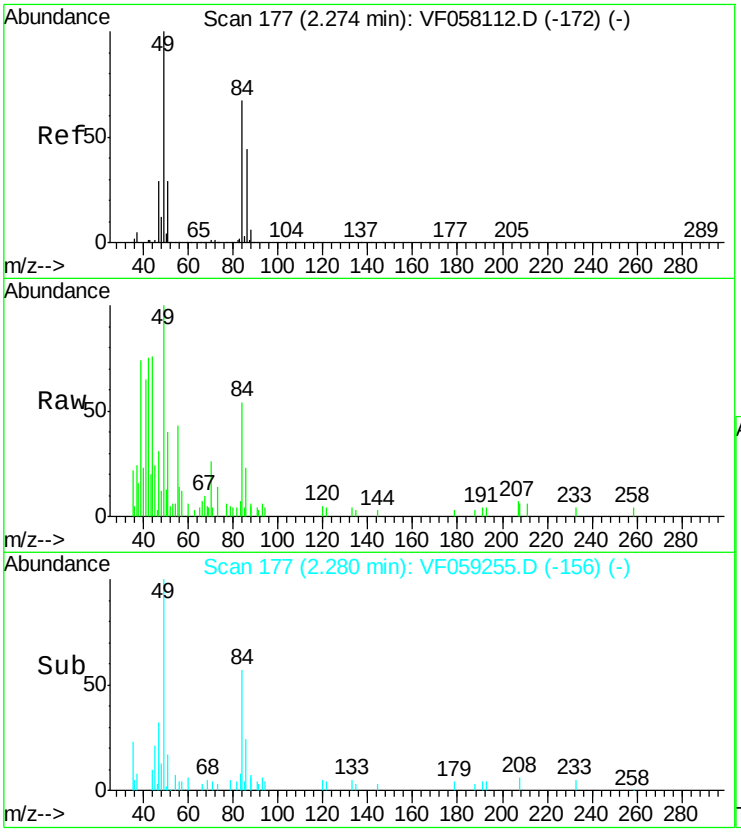


#18
Methyl Acetate
Concen: 9.346 ug/l
RT: 2.49 min Scan# 198
Delta R.T. 0.04 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 43 Resp: 9822

Ion	Ratio	Lower	Upper
43	100		
74	3.5	10.9	16.3#



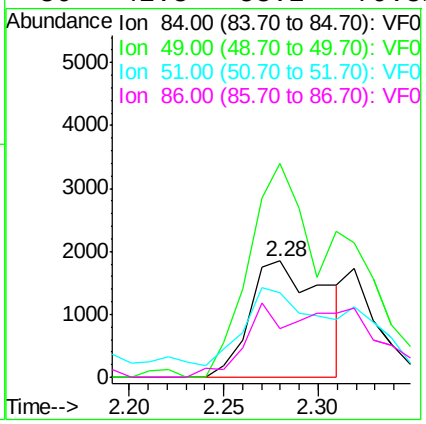


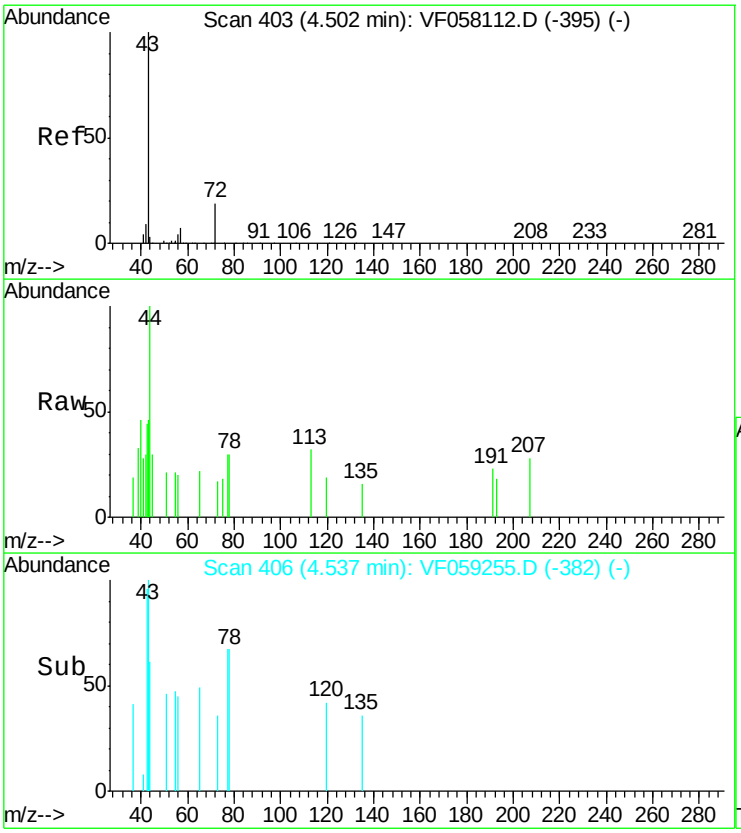
#20
Methylene Chloride
Concen: 3.494 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 5115

Ion	Ratio	Lower	Upper
84	100		
49	184.2	121.0	181.4#
51	82.0	35.8	53.6#
86	42.3	53.2	79.8#

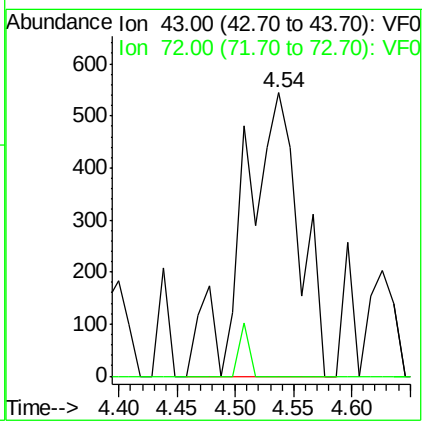


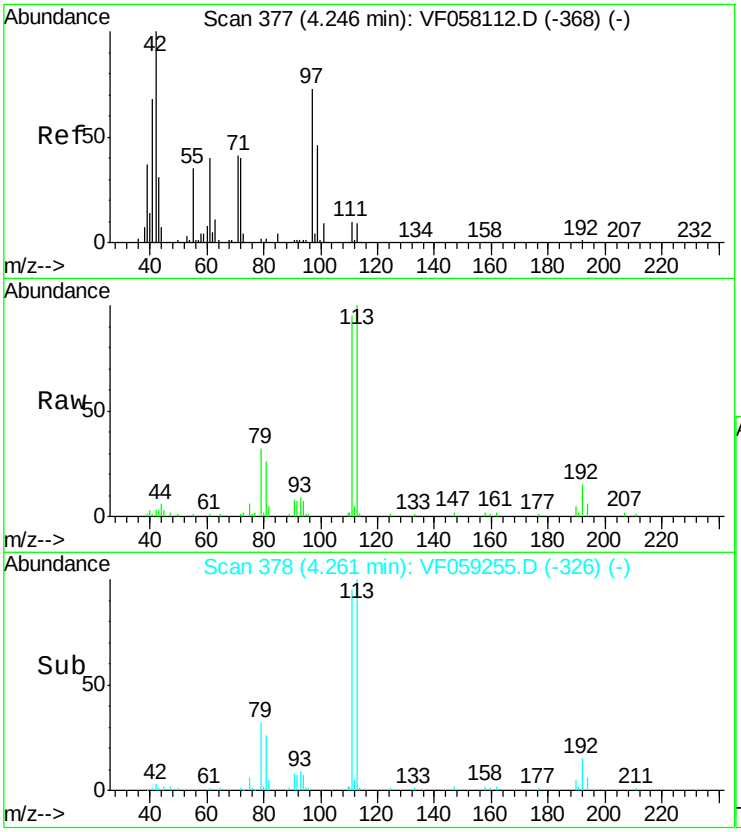


#25
2-Butanone
Concen: 1.916 ug/l
RT: 4.54 min Scan# 406
Delta R.T. 0.03 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 43 Resp: 1816

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



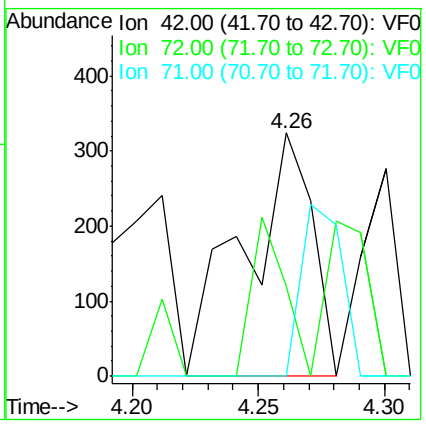


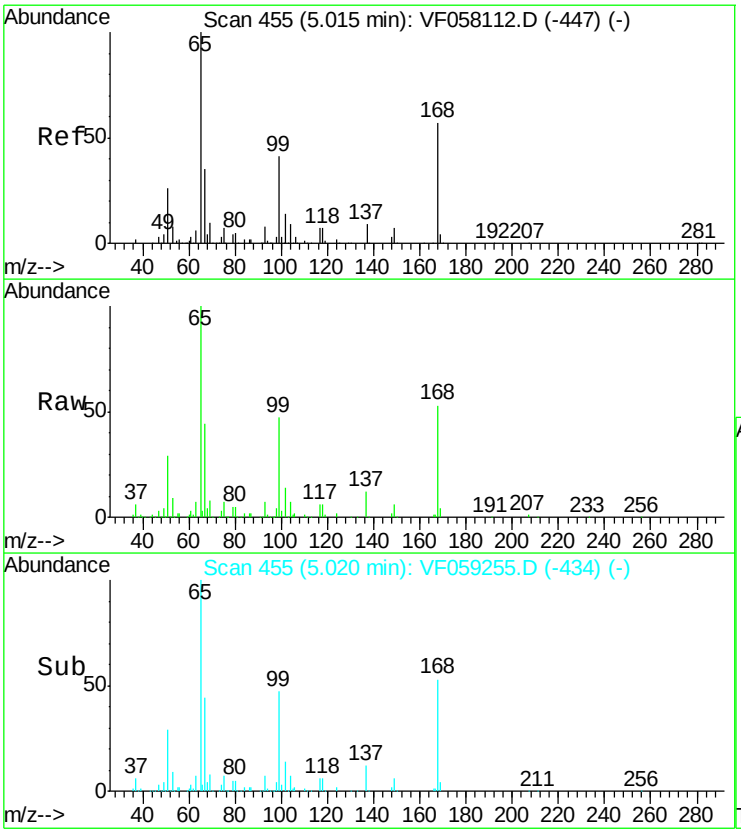
#29
Tetrahydrofuran
Concen: 1.468 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 613

Ion	Ratio	Lower	Upper
42	100		
72	38.3	30.5	45.7
71	41.6	31.5	47.3

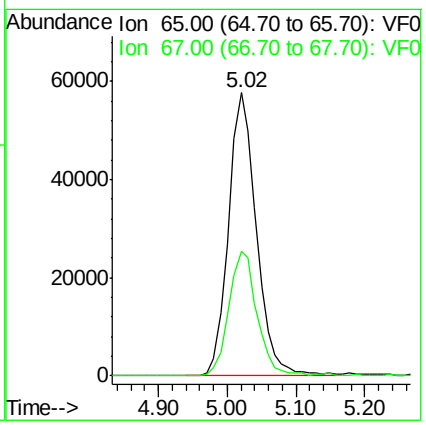


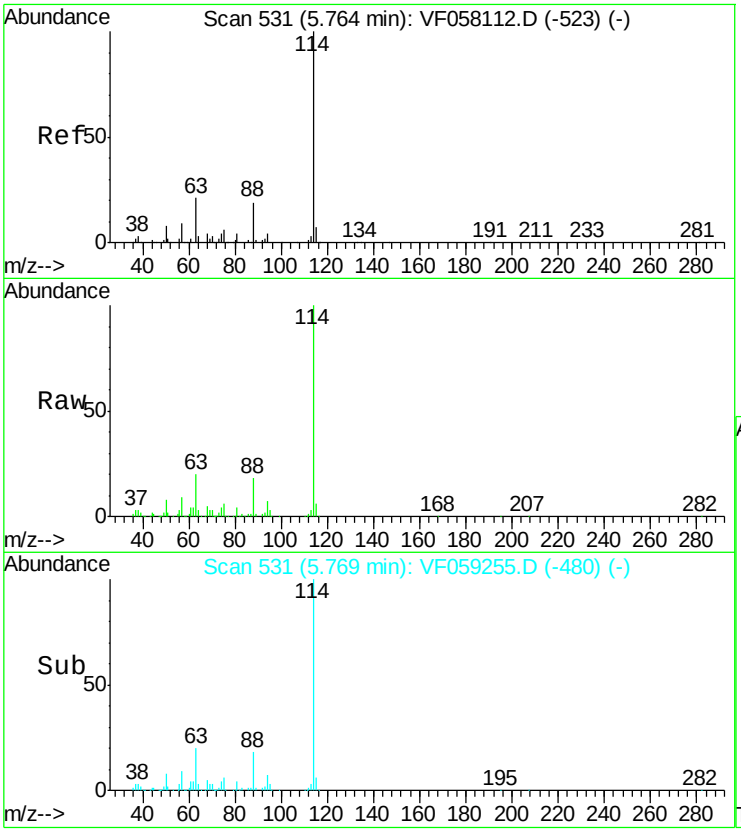


#33
1,2-Dichloroethane-d4
Concen: 63.330 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 65 Resp: 162159

Ion	Ratio	Lower	Upper
65	100		
67	44.2	0.0	97.0



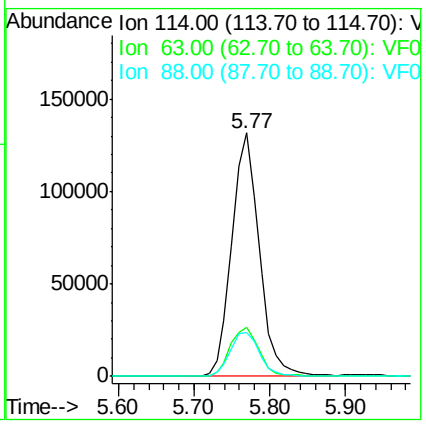


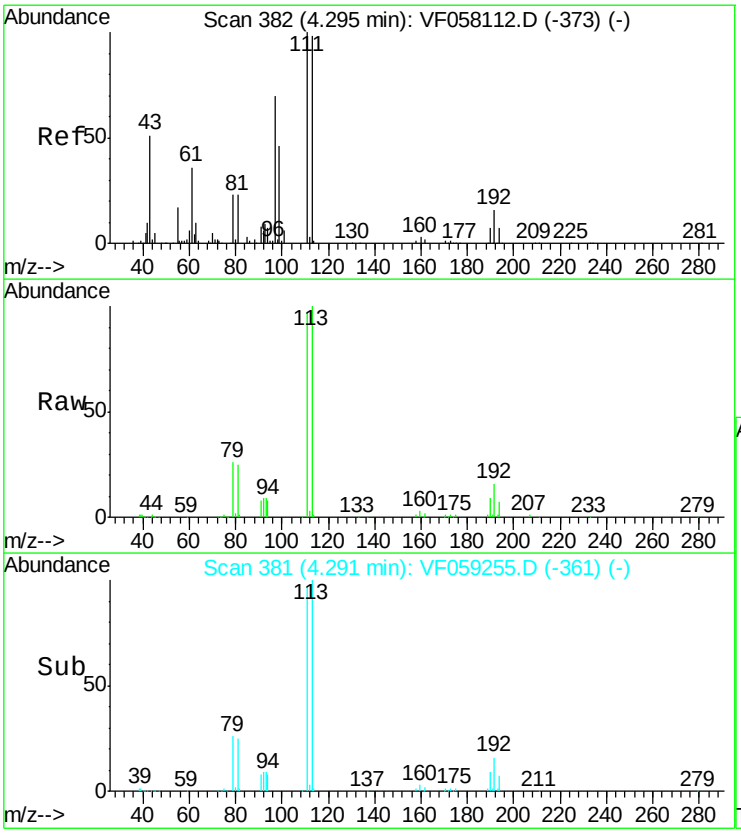
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 331061

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	18.2	0.0	38.8

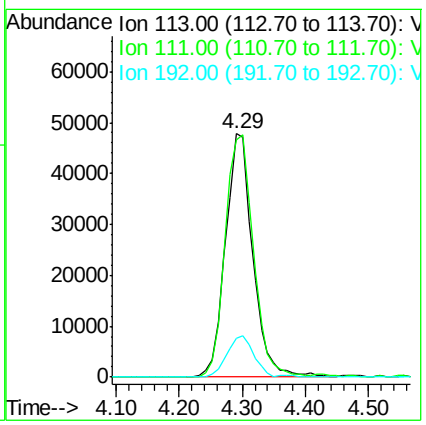


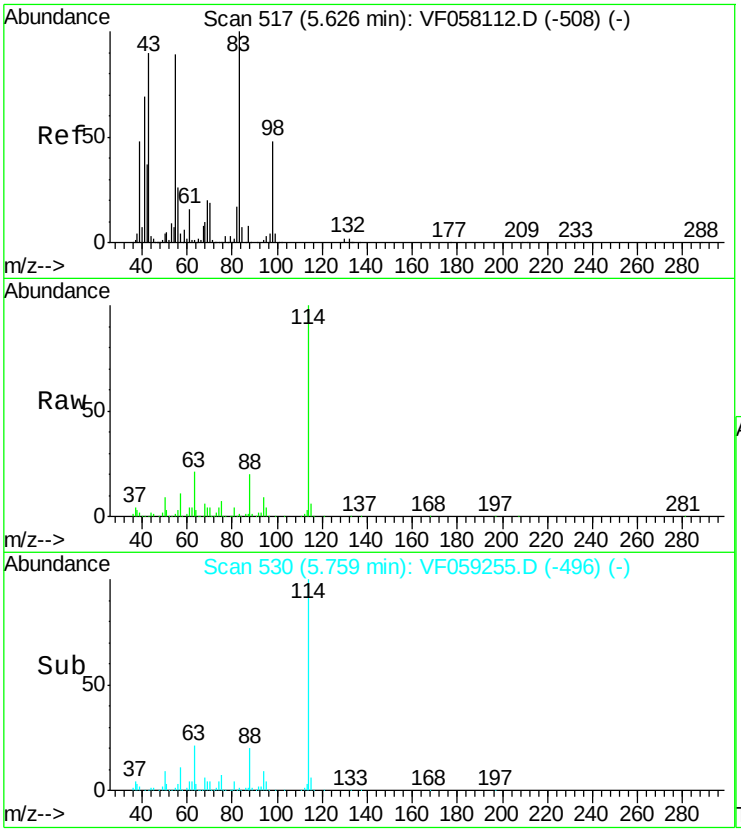


#35
Dibromofluoromethane
Concen: 61.720 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion:113 Resp: 143374

Ion	Ratio	Lower	Upper
113	100		
111	97.2	81.3	121.9
192	15.9	12.7	19.1



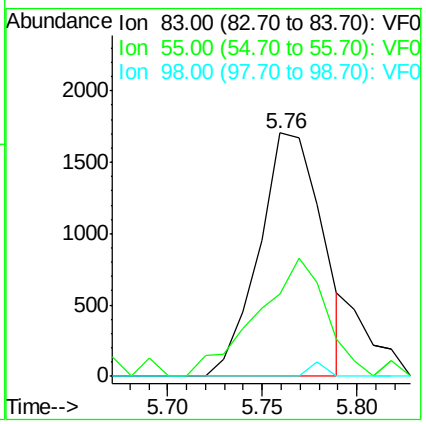


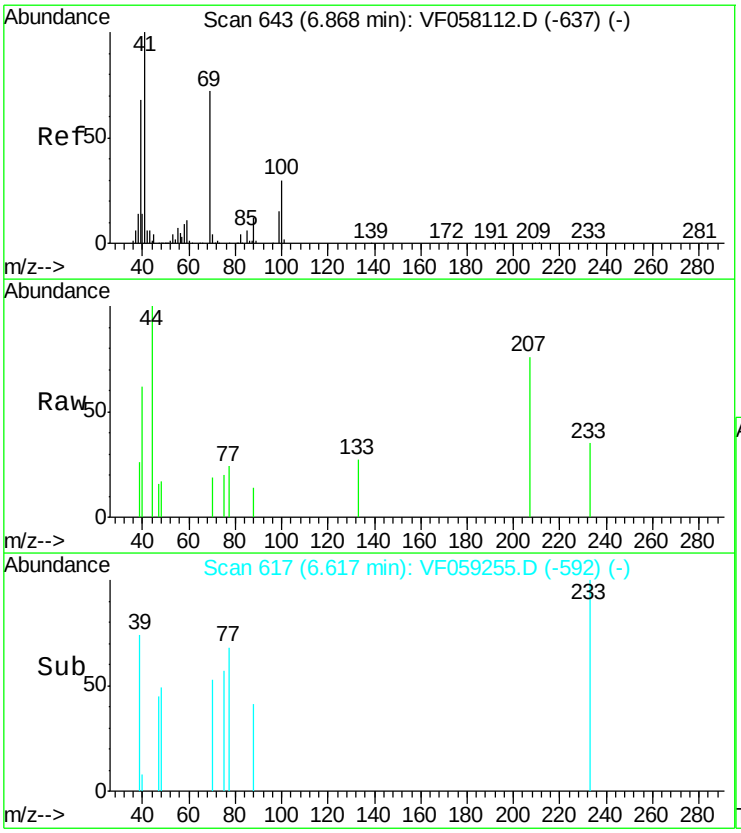
#39
Methylcyclohexane
Concen: 1.210 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.13 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 3957

Ion	Ratio	Lower	Upper
83	100		
55	33.8	71.0	106.4#
98	0.0	38.1	57.1#

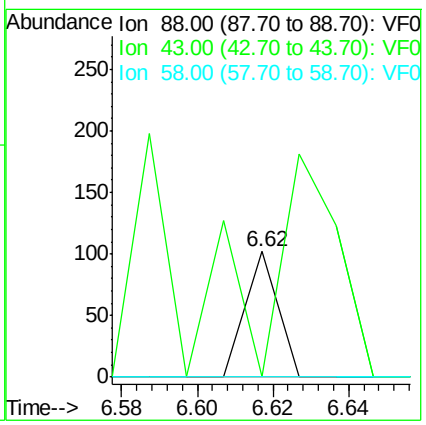


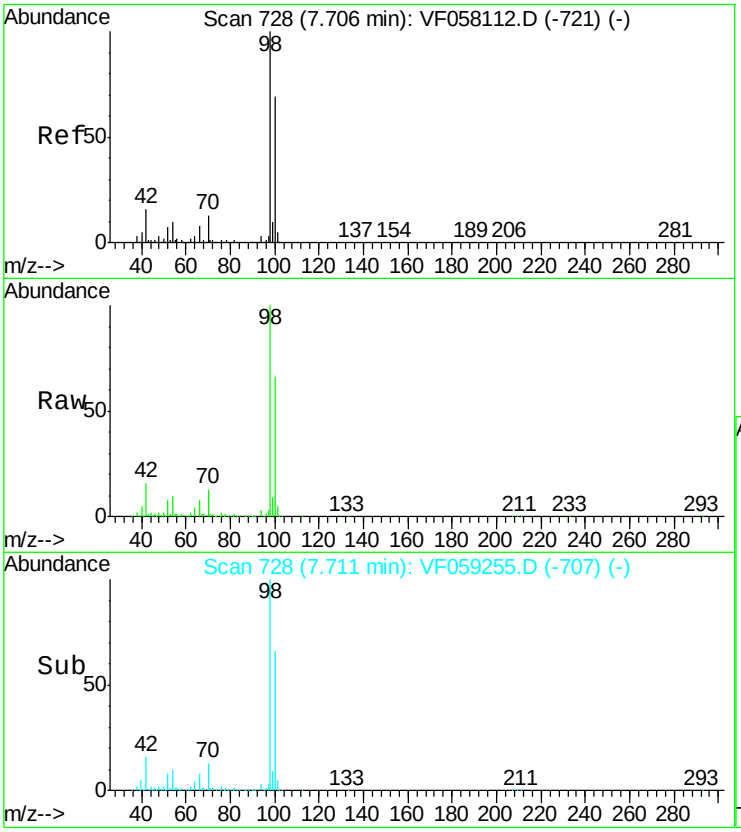


#49
1,4-Dioxane
Concen: 17.570 ug/l
RT: 6.62 min Scan# 617
Delta R.T. -0.25 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	47.8	71.8#
58	0.0	59.4	89.0#



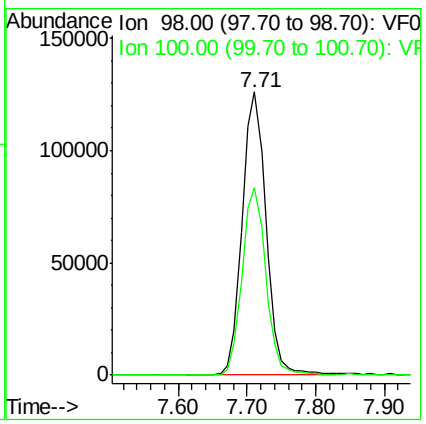


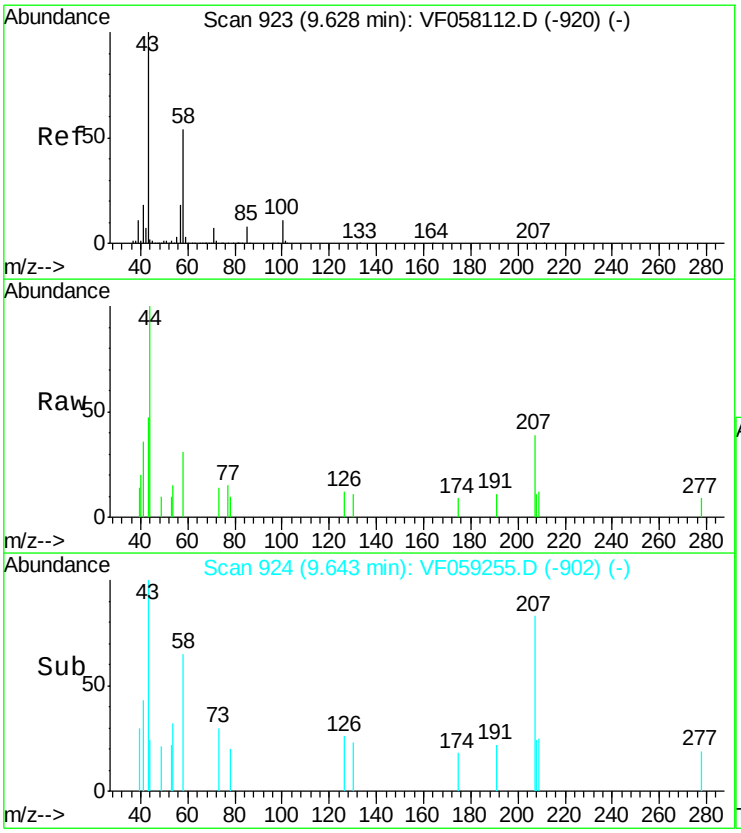
#50
Toluene-d8
Concen: 44.635 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 304607

Ion	Ratio	Lower	Upper
98	100		
100	66.1	55.6	83.4

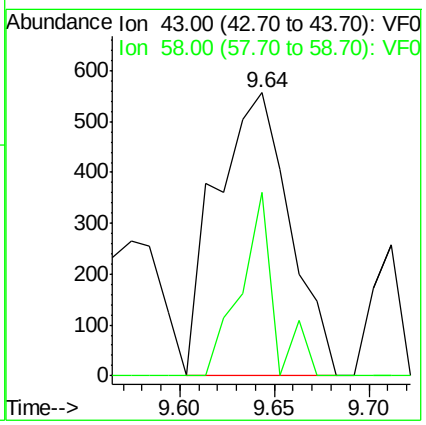


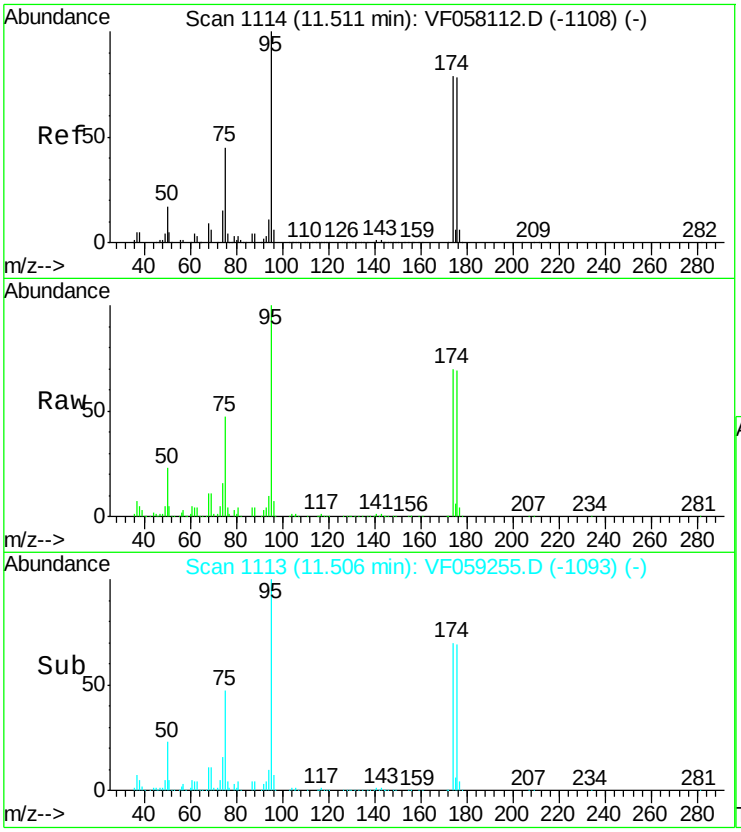


#59
2-Hexanone
Concen: 1.049 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
58	65.0	26.3	78.8



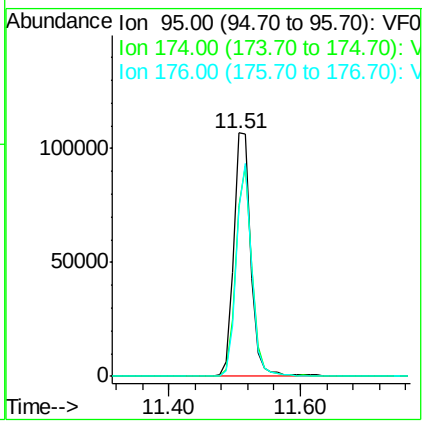


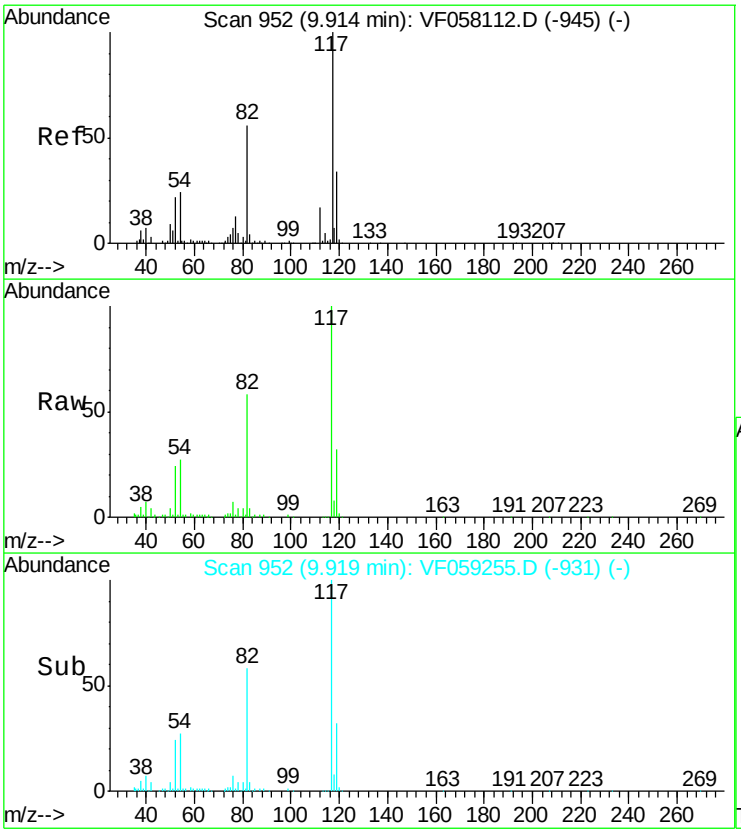
#62
4-Bromofluorobenzene
Concen: 55.891 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 195634

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	157.8
176	69.1	0.0	155.8

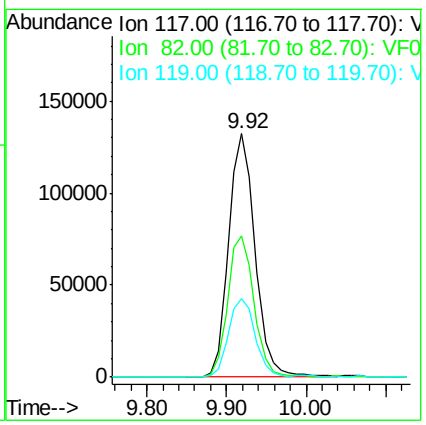


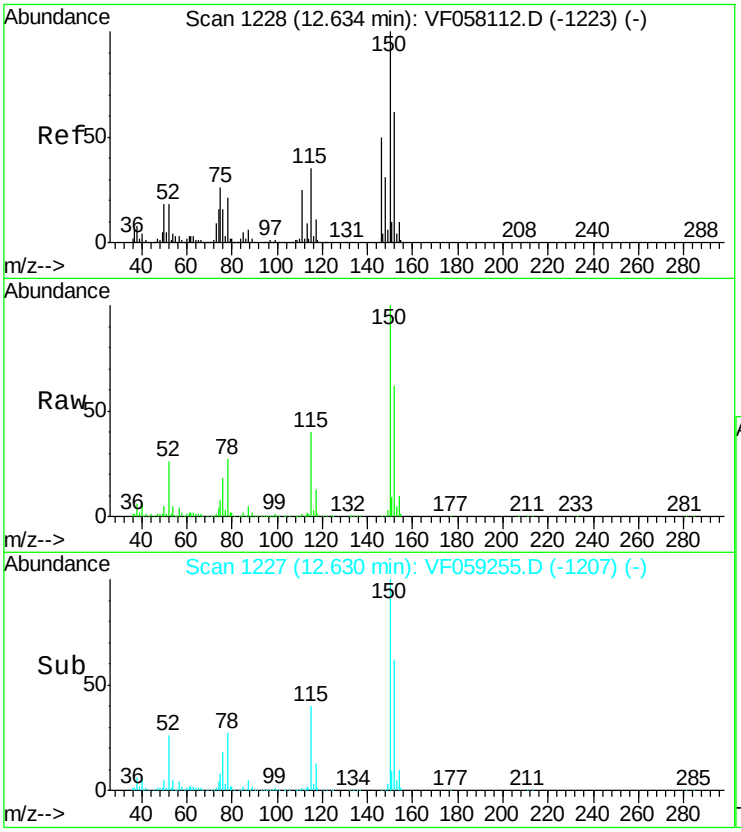


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Tgt Ion:117 Resp: 308398

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.2	67.8
119	32.4	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059255.D
Acq: 21 Jun 2018 6:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 208811

Ion	Ratio	Lower	Upper
152	100		
115	64.5	28.5	85.5
150	160.4	0.0	323.8