Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070618\
Data File : VF059460.D
Acq On : 6 Jul 2018 20:07
Operator : VA/AP
Sample : J3868-11
Misc : 5.91g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Quant Time: Jul 07 01:51:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	194483	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	291711	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	265689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	133048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	159343	63.42	ug/l	-0.02
Spiked Amount 50.000			Recovery = 126.84%			
35) Dibromofluoromethane	4.27	113	137813	64.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 129.32%			
50) Toluene-d8	7.68	98	284607	53.93	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.86%			
62) 4-Bromofluorobenzene	11.50	95	136417	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.66%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	1260	1.056	ug/l	93
5) Bromomethane	1.33	94	412	Below Cal	#	4
8) Diethyl Ether	1.73	74	637	1.069	ug/l	99
11) Tert butyl alcohol	2.65	59	291	1.740	ug/l #	52
13) Acrolein	1.94	56	630	Below Cal		97
15) Acrylonitrile	3.07	53	532	1.806	ug/l #	52
16) Acetone	2.32	43	5037	Below Cal	#	88
18) Methyl Acetate	2.47	43	2702	1.248	ug/l #	61
20) Methylene Chloride	2.26	84	5238	Below Cal	#	90
25) 2-Butanone	4.49	43	727	Below Cal	#	59
28) Bromochloromethane	3.91	49	73	Below Cal	#	6
29) Tetrahydrofuran	4.20	42	333	Below Cal	#	36
37) Ethyl Acetate	4.30	43	203	Below Cal	#	26
49) 1,4-Dioxane	6.93	88	59	Below Cal	#	20
58) 2-Chloroethyl Vinyl ether	7.68	63	360	2.360	ug/l	100
59) 2-Hexanone	9.60	43	527	Below Cal	#	30
64) Tetrachloroethene	8.28	164	2782	1.614	ug/l #	78
87) 1,3-Dichlorobenzene	12.54	146	305	Below Cal	#	19

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
Data File : VF059460.D
Acq On : 6 Jul 2018 20:07
Operator : VA/AP
Sample : J3868-11
Misc : 5.91g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Quant Time: Jul 07 01:51:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
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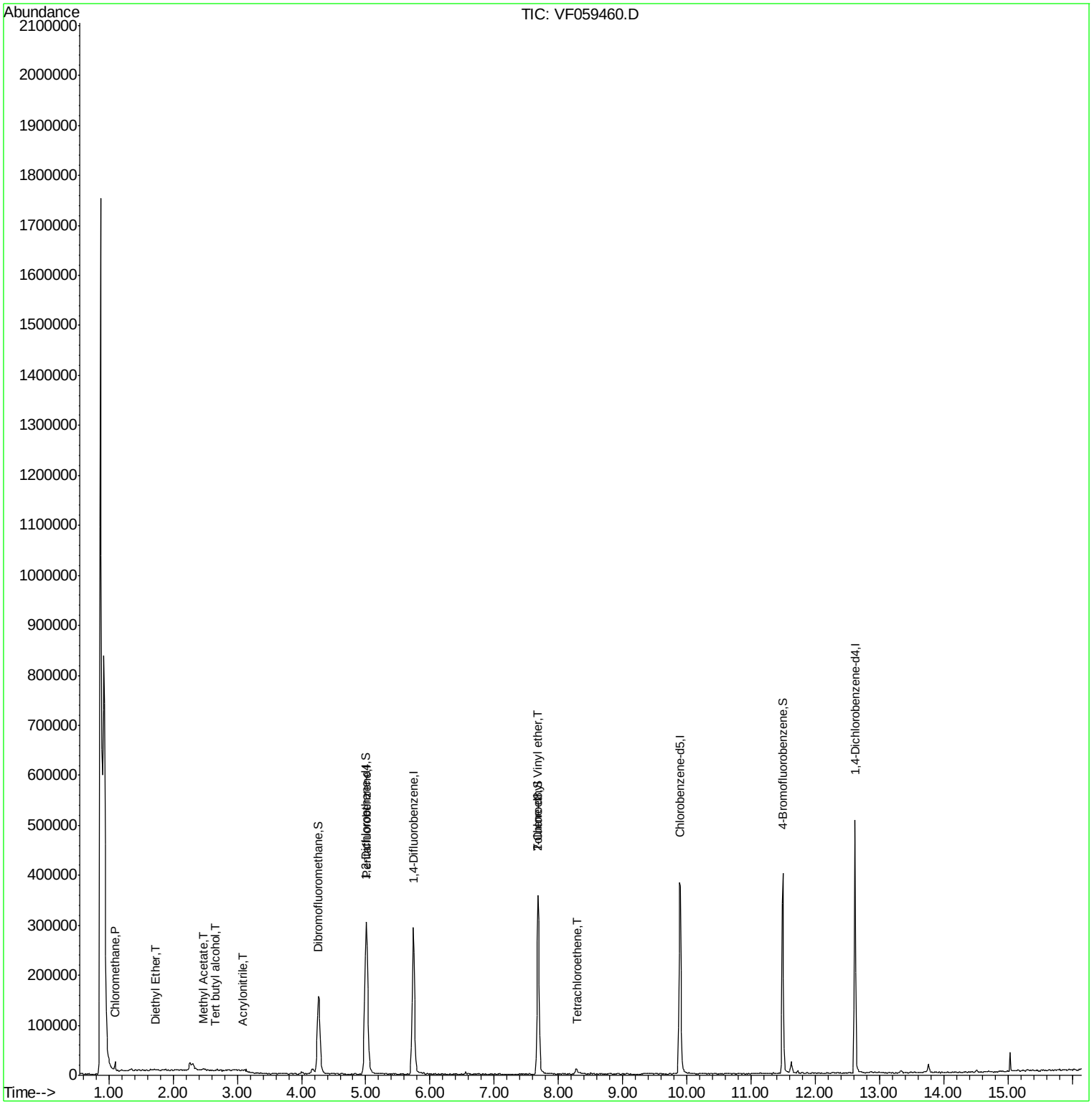
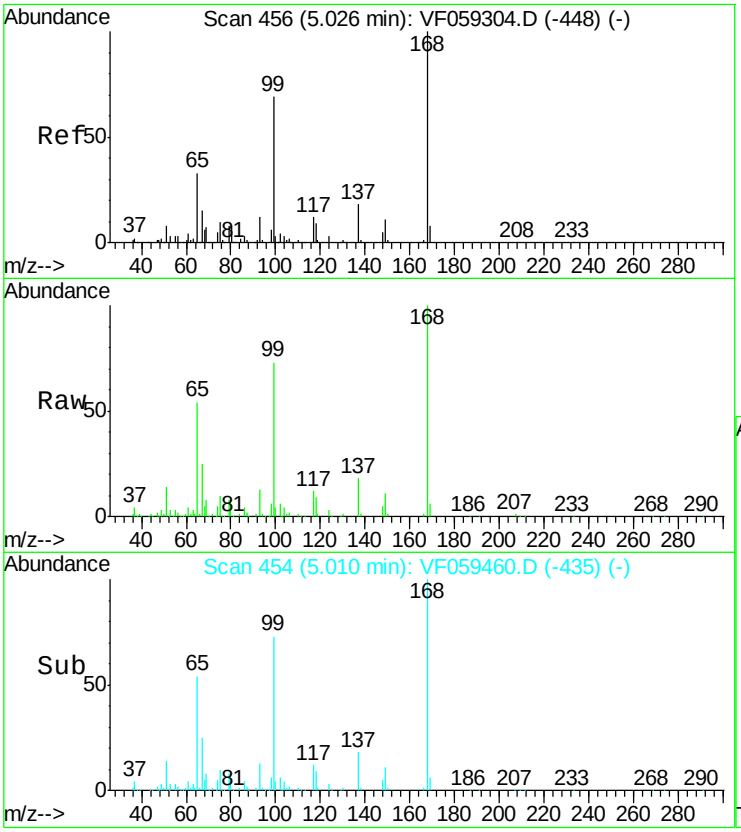


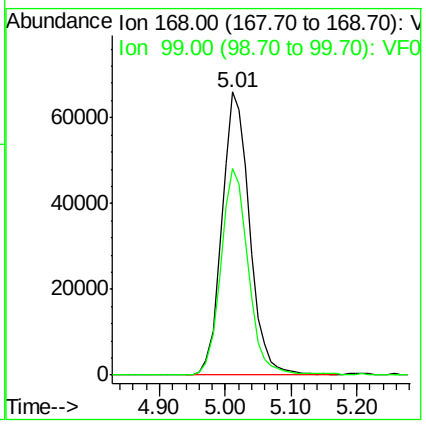


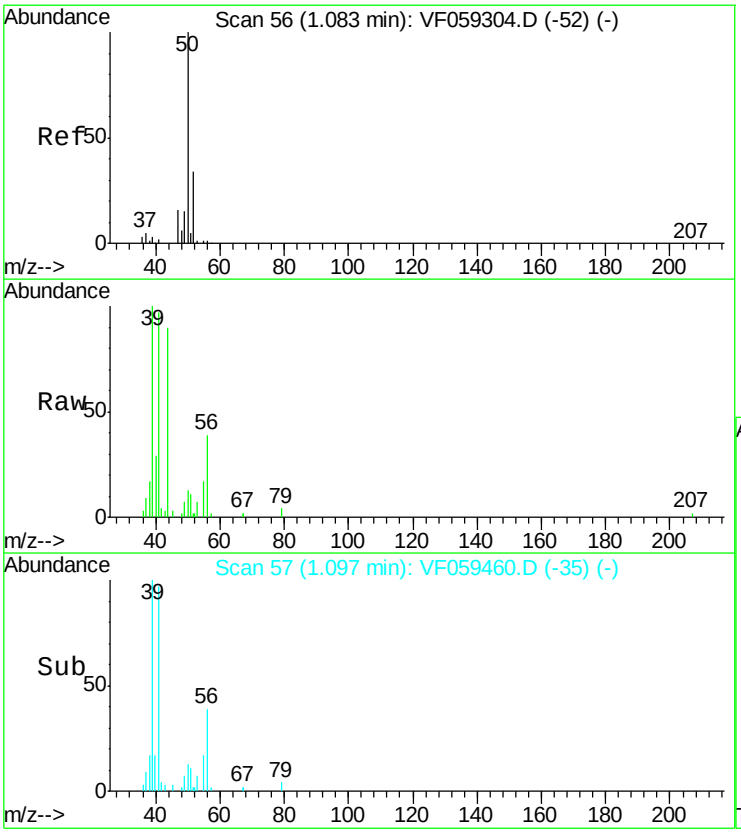
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:168 Resp: 194483

Ion	Ratio	Lower	Upper
168	100		
99	73.0	54.9	82.3

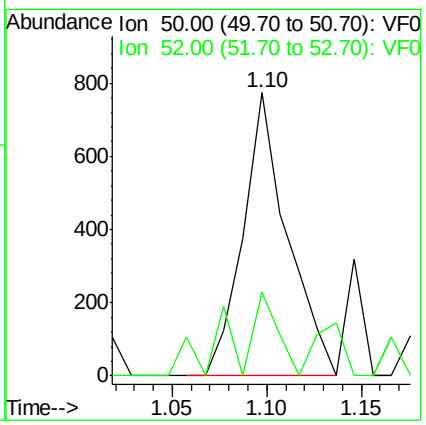


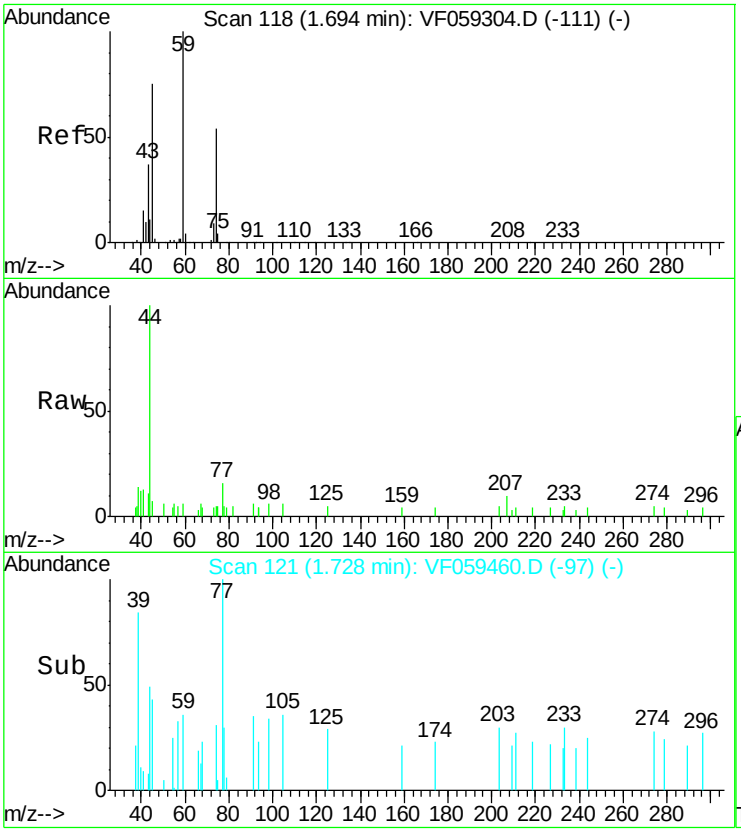


#3
Chloromethane
Concen: 1.056 ug/l
RT: 1.10 min Scan# 57
Delta R.T. 0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 50 Resp: 1260

Ion	Ratio	Lower	Upper
50	100		
52	29.6	26.7	40.1



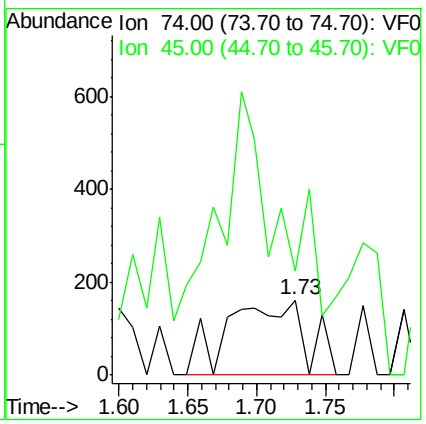


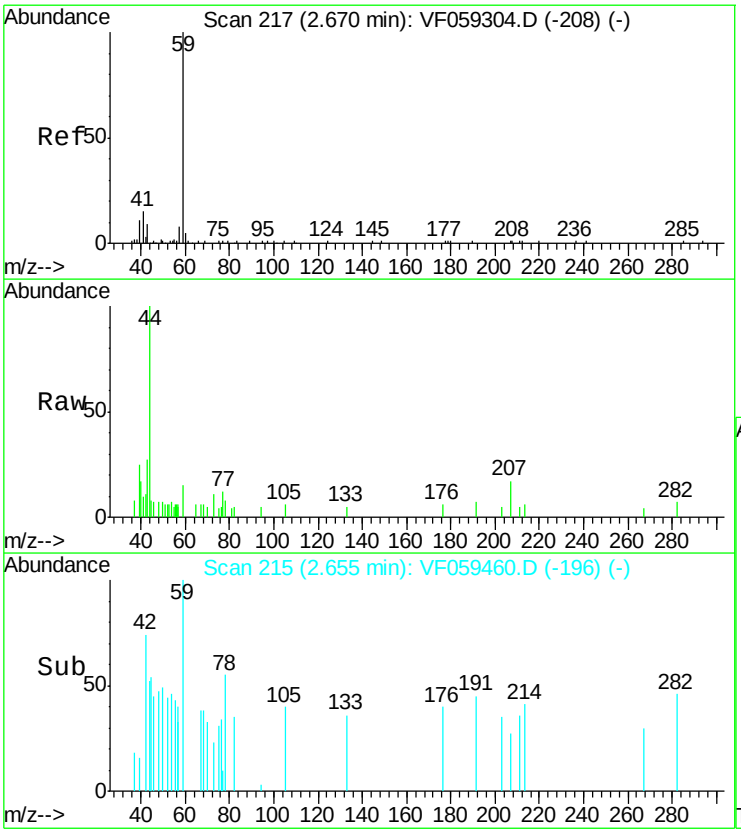
#8
Diethyl Ether
Concen: 1.069 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.03 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Tgt Ion: 74 Resp: 637

Ion	Ratio	Lower	Upper
74	100		
45	139.1	70.0	210.0

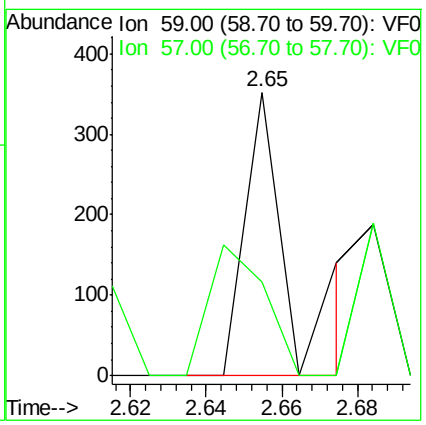


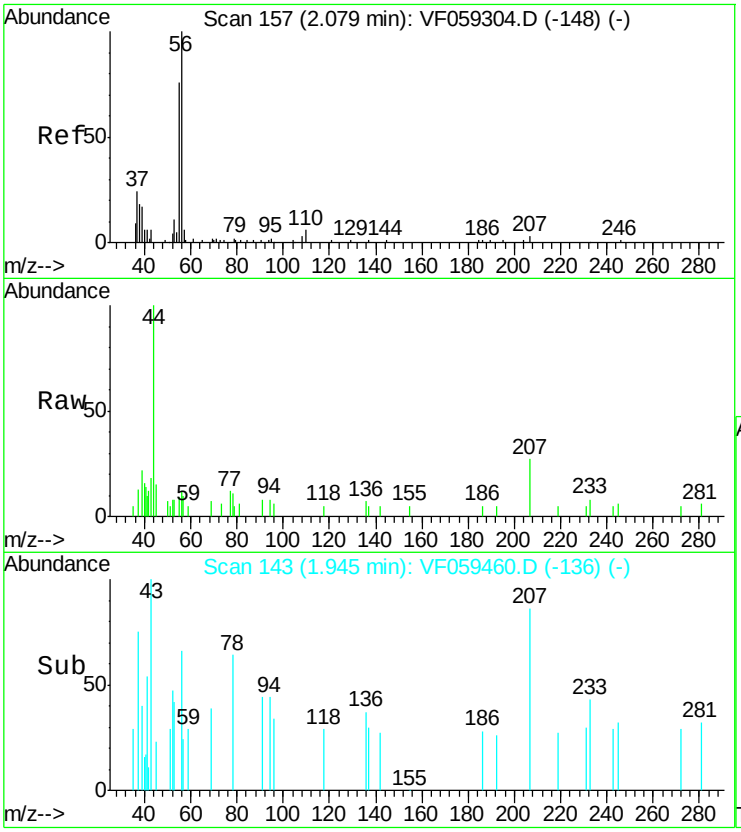


#11
Tert butyl alcohol
Concen: 1.740 ug/l
RT: 2.65 min Scan# 215
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 59 Resp: 291

Ion	Ratio	Lower	Upper
59	100		
57	33.2	11.0	16.4#



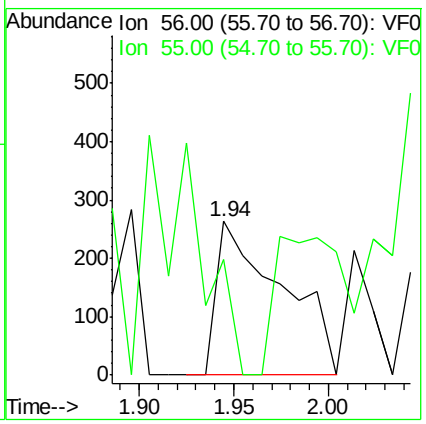


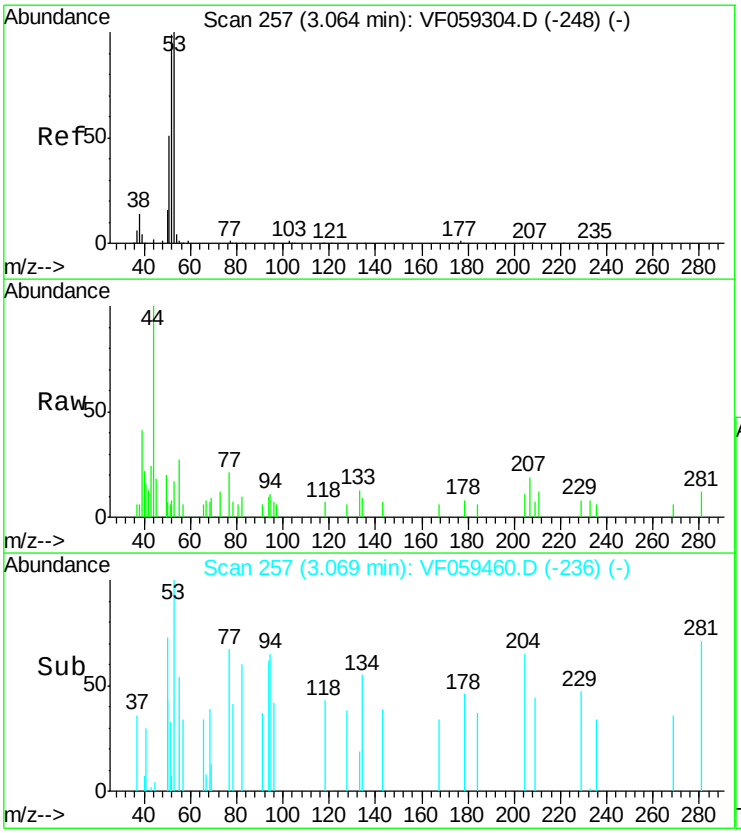
#13
Acrolein
Concen: Below Cal
RT: 1.94 min Scan# 143
Delta R.T. -0.13 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 56 Resp: 630

Ion	Ratio	Lower	Upper
56	100		
55	75.7	62.4	93.6

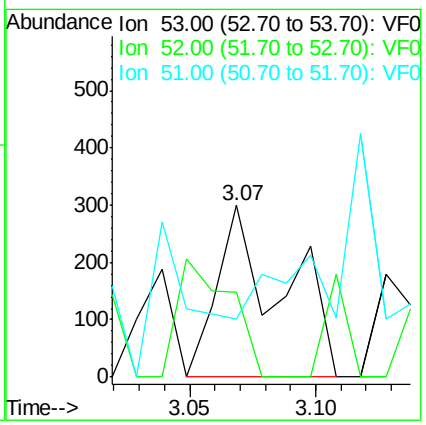


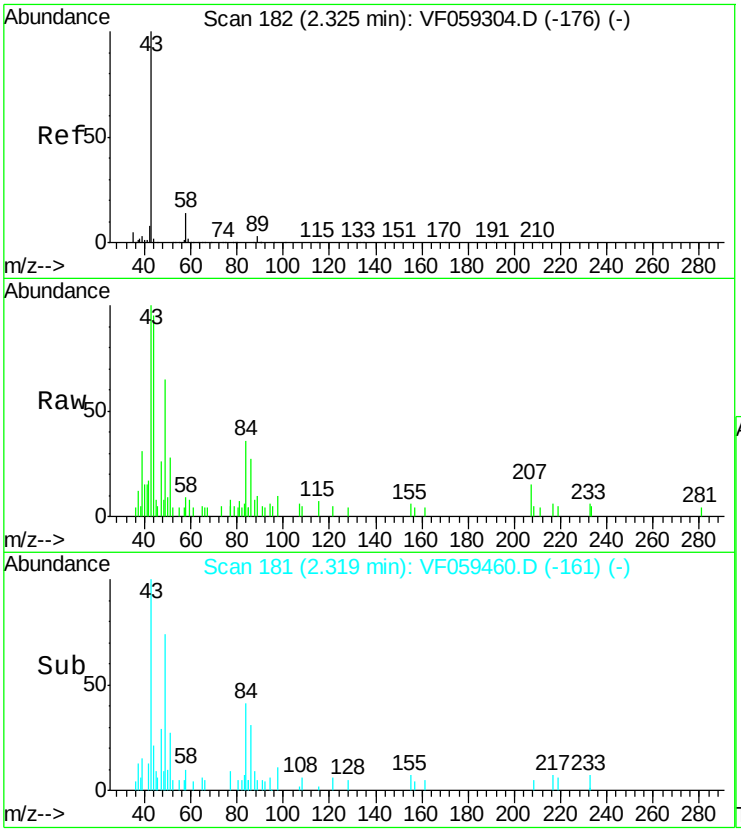


#15
Acrylonitrile
Concen: 1.806 ug/l
RT: 3.07 min Scan# 257
Delta R.T. 0.00 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 53 Resp: 532

Ion	Ratio	Lower	Upper
53	100		
52	49.2	79.2	118.8#
51	82.6	40.9	61.3#



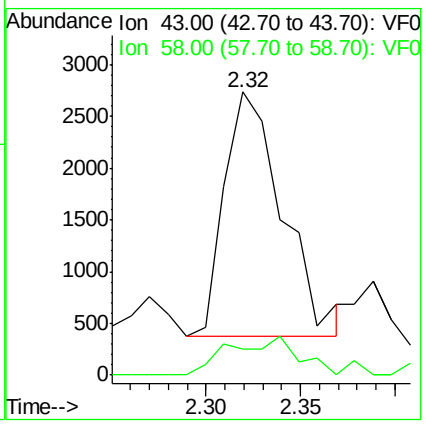


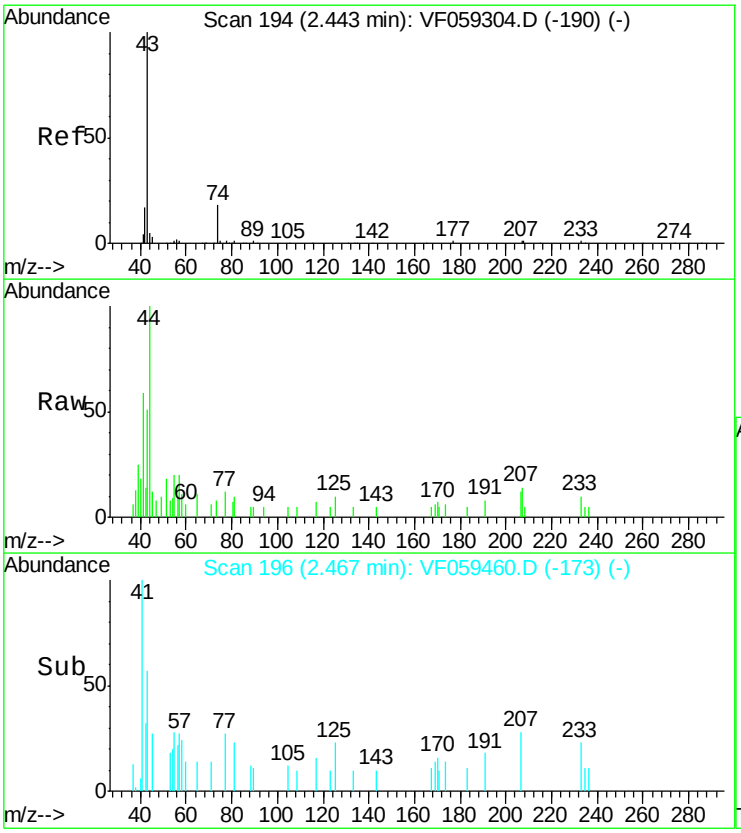
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 43 Resp: 5037

Ion	Ratio	Lower	Upper
43	100		
58	9.3	11.4	17.0#

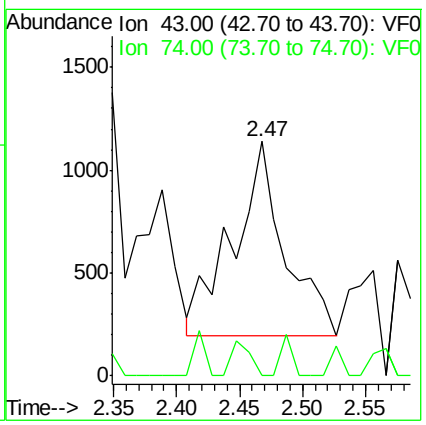


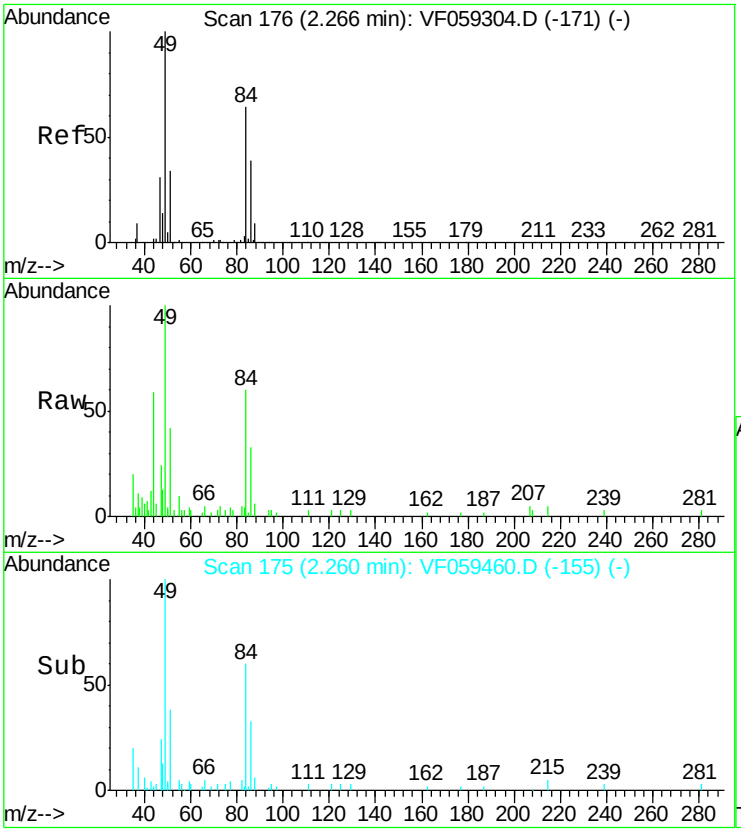


#18
Methyl Acetate
Concen: 1.248 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 43 Resp: 2702

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



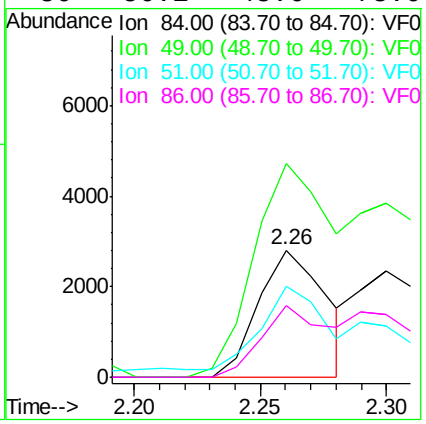


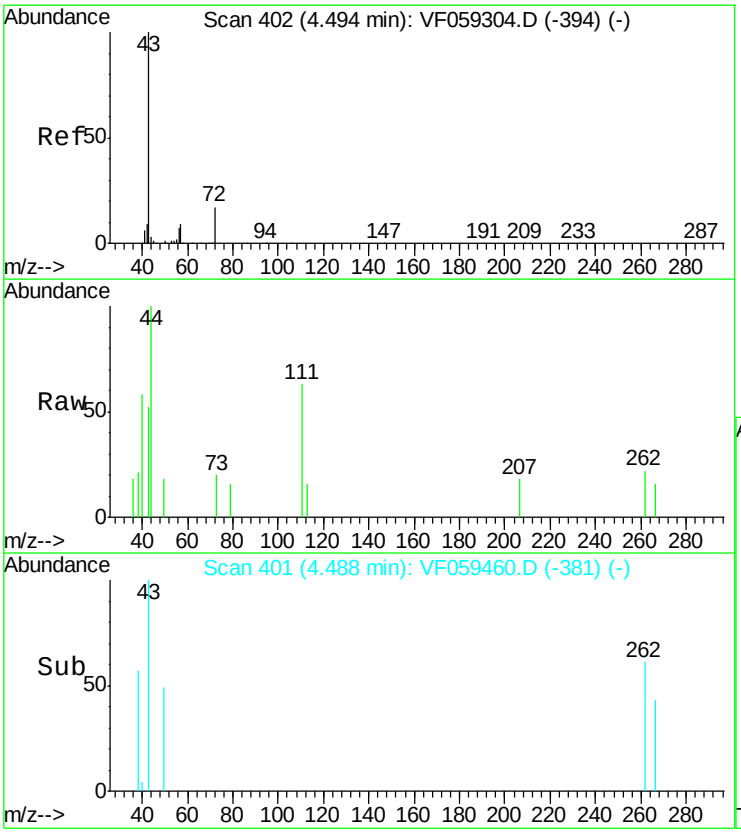
#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 175
Delta R.T. -0.00 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Tgt Ion: 84 Resp: 5238

Ion	Ratio	Lower	Upper
84	100		
49	167.7	126.5	189.7
51	71.2	42.9	64.3#
86	56.1	48.6	73.0

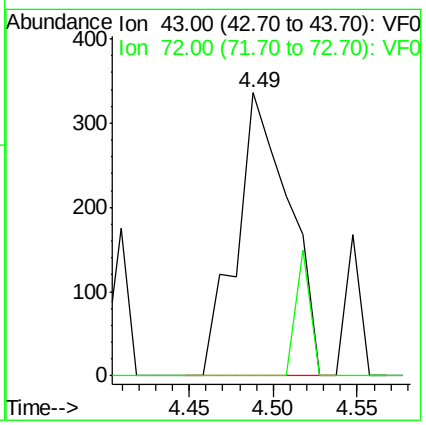


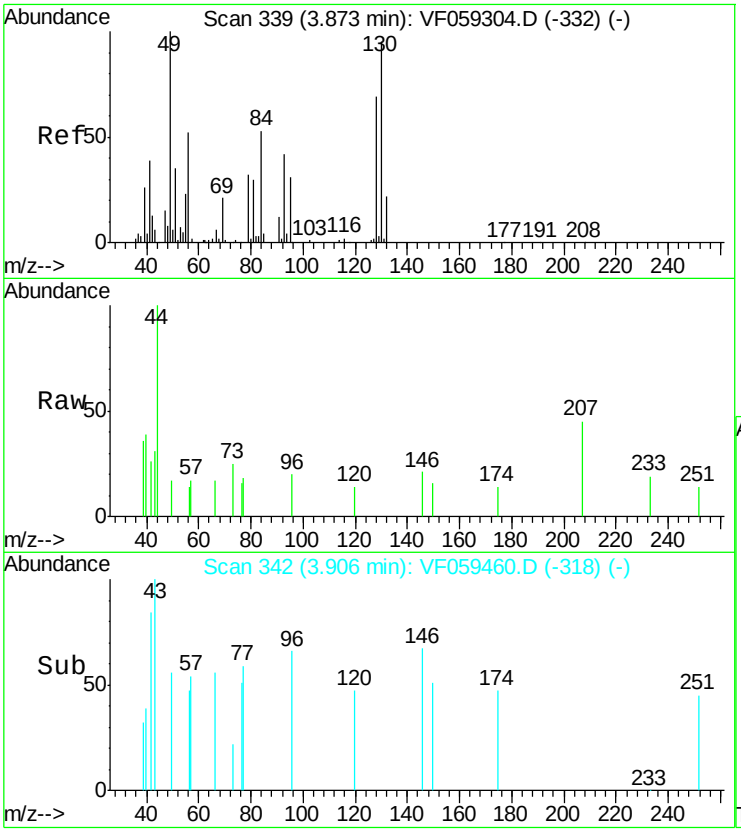


#25
2-Butanone
Concen: Below Cal
RT: 4.49 min Scan# 401
Delta R.T. -0.00 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 43 Resp: 727

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#



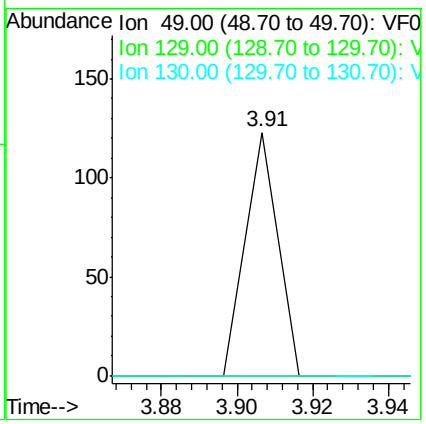


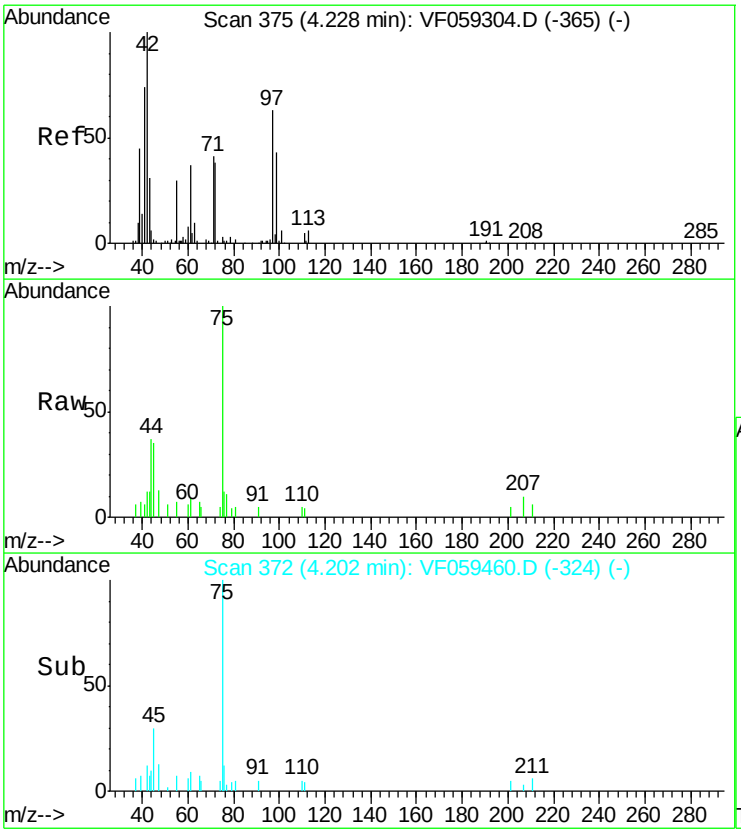
#28
Bromochloromethane
Concen: Below Cal
RT: 3.91 min Scan# 342
Delta R.T. 0.03 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Tgt Ion: 49 Resp: 73

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#

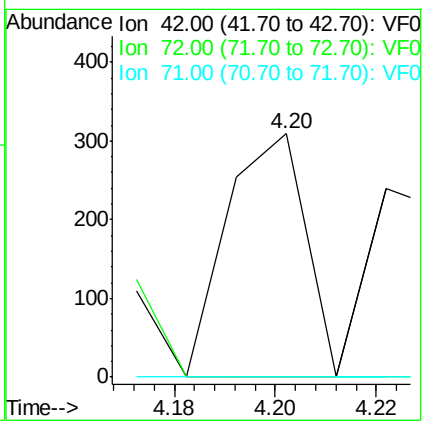


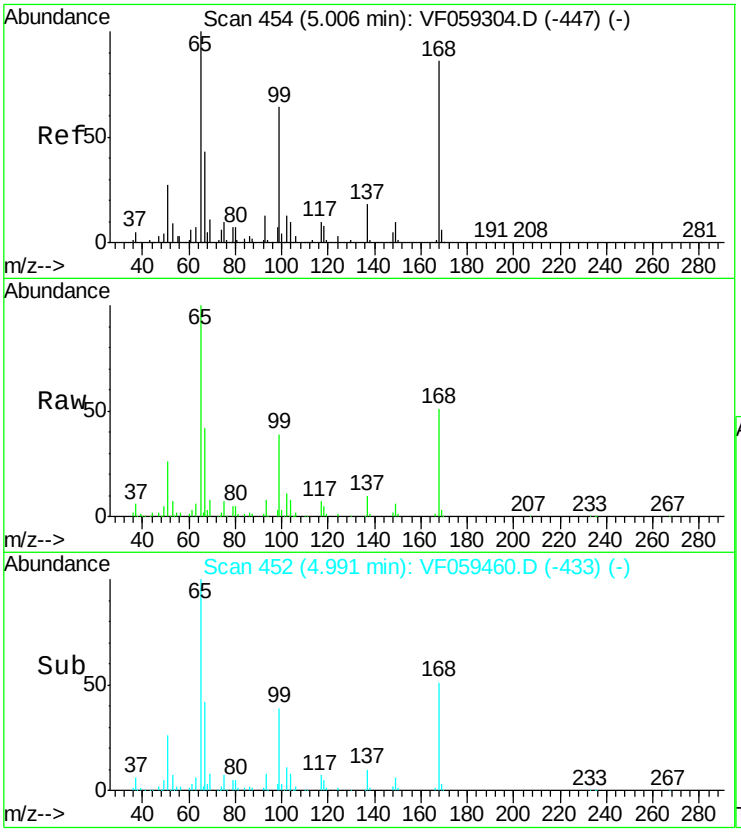


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 42 Resp: 333

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	32.5	48.7#



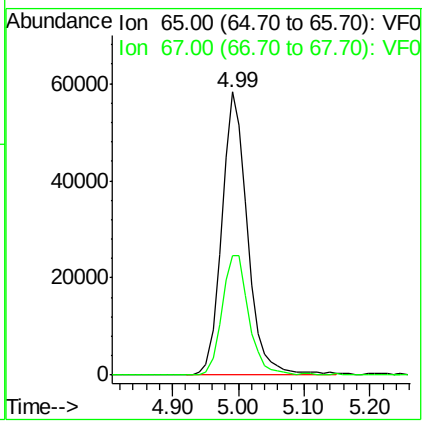


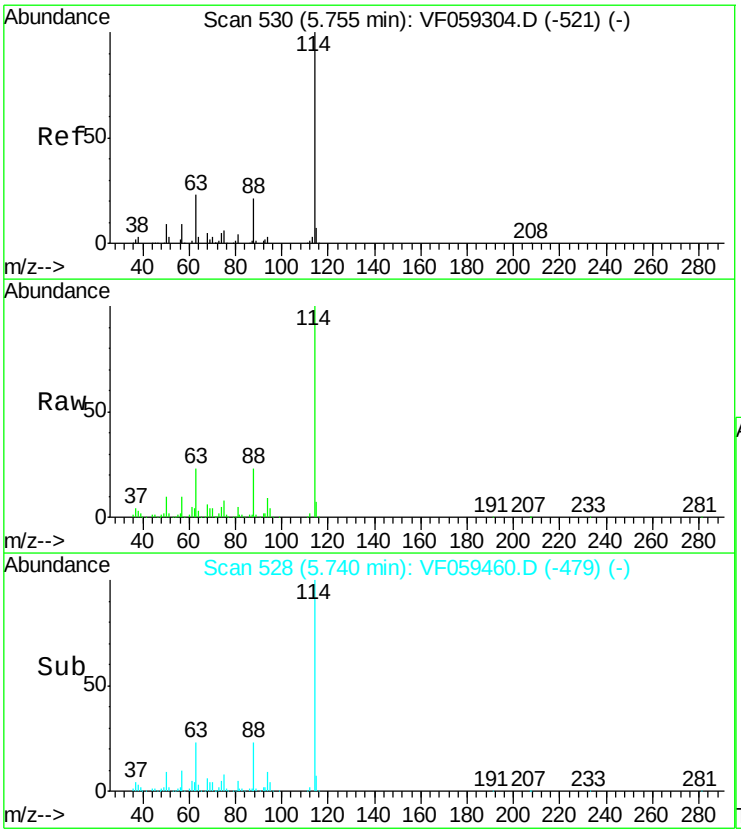
#33
1,2-Dichloroethane-d4
Concen: 63.415 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 65 Resp: 159343

Ion	Ratio	Lower	Upper
65	100		
67	42.2	0.0	96.8

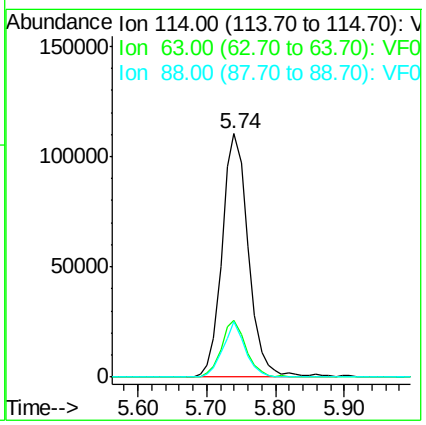


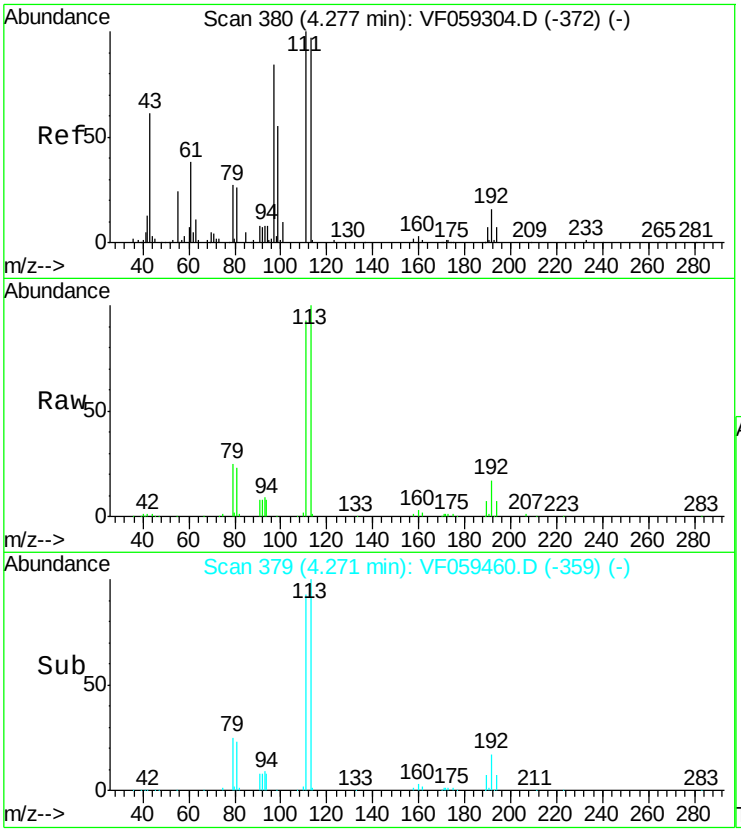


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion:114 Resp: 291711

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.8
88	22.7	0.0	41.2



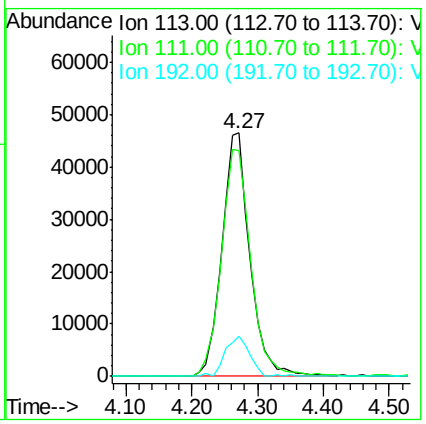


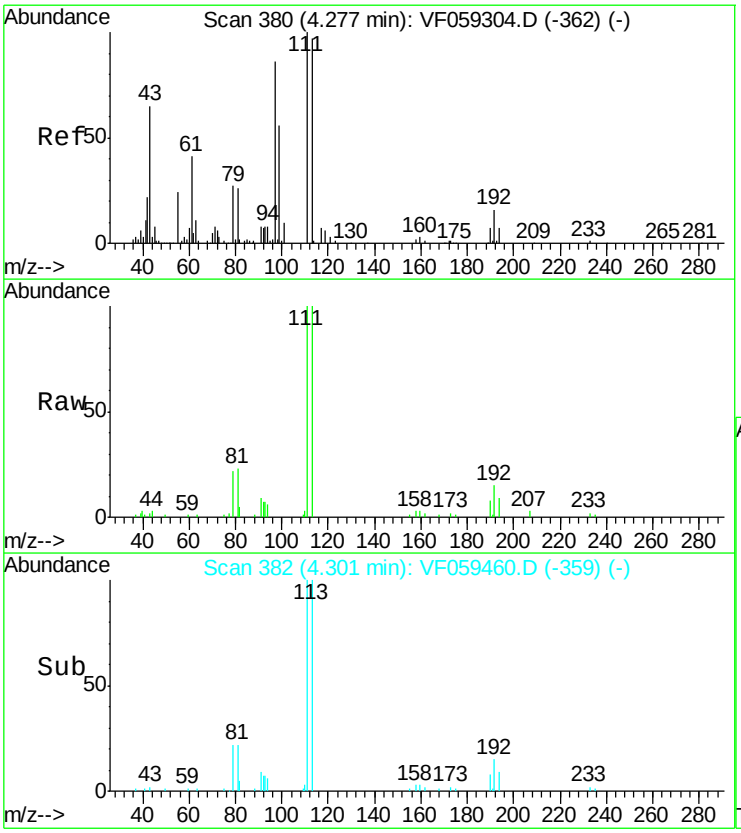
#35
Dibromofluoromethane
Concen: 64.657 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:113 Resp: 137813

Ion	Ratio	Lower	Upper
113	100		
111	92.9	82.1	123.1
192	16.6	13.0	19.6

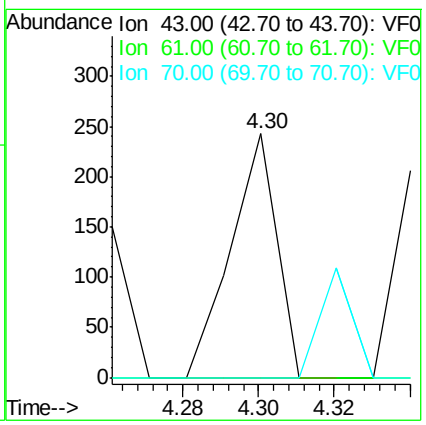


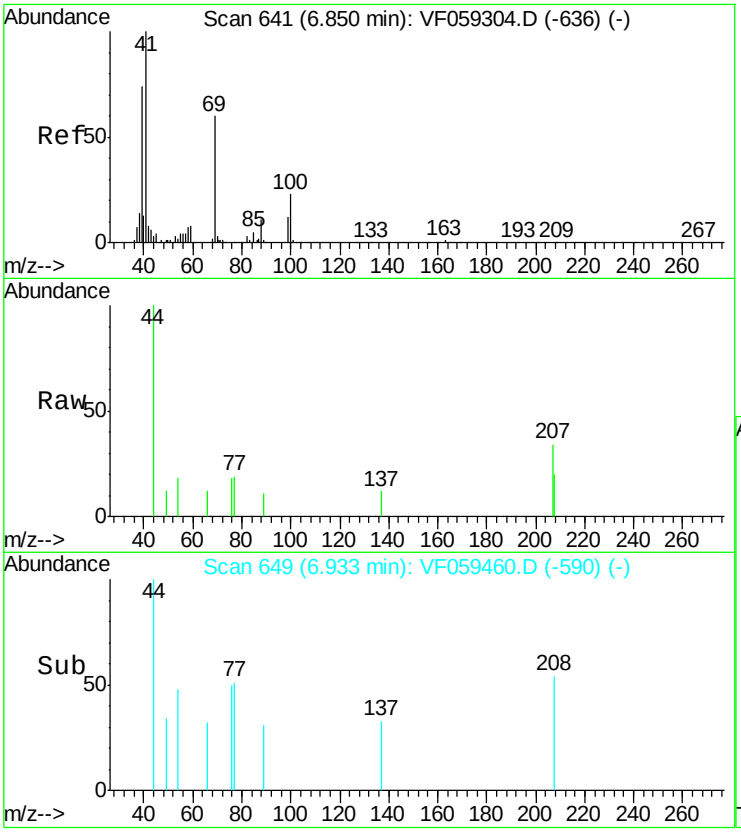


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 43 Resp: 203

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	0.0	6.2	9.4#



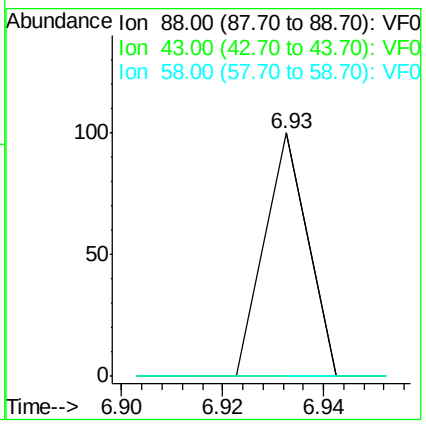


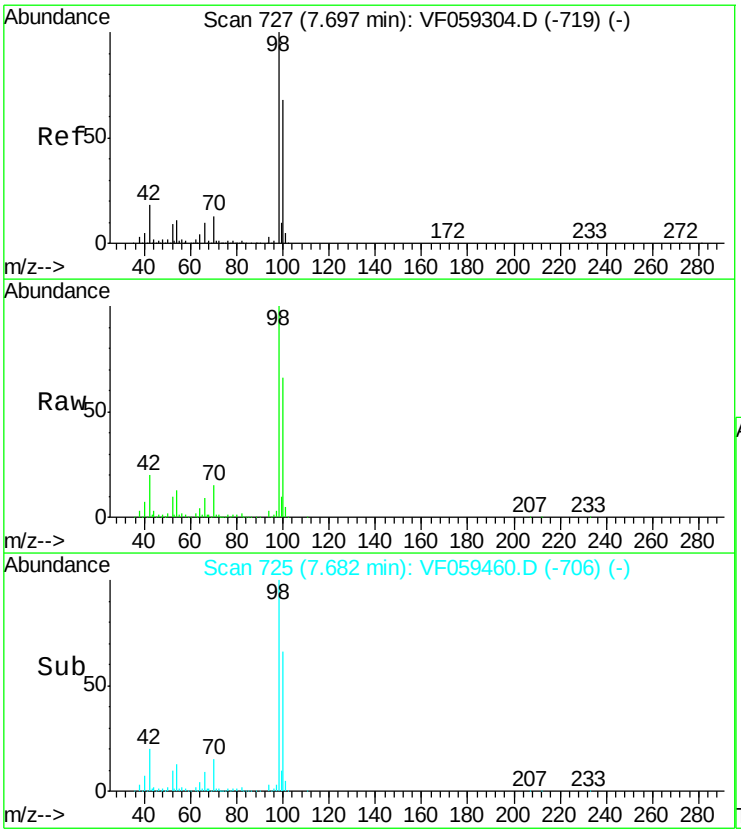
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.93 min Scan# 649
Delta R.T. 0.08 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.6	75.8#
58	0.0	46.6	69.8#

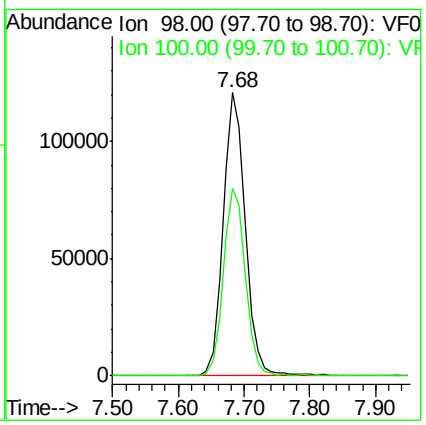


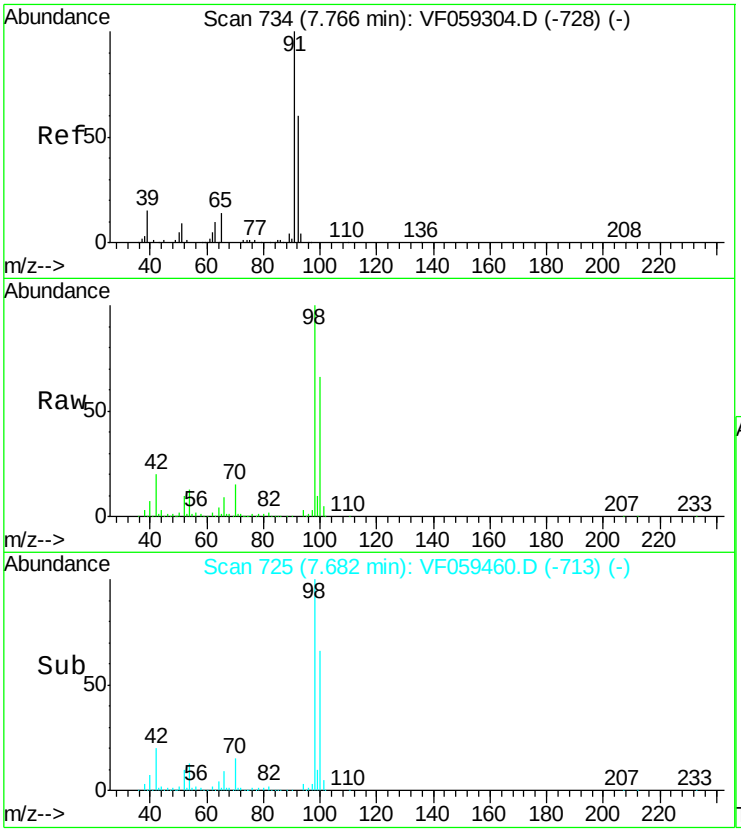


#50
Toluene-d8
Concen: 53.931 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 98 Resp: 284607

Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.6	82.0



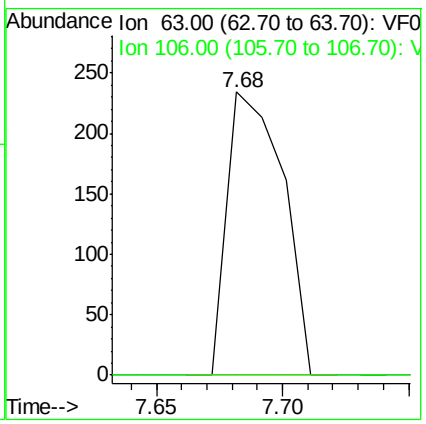


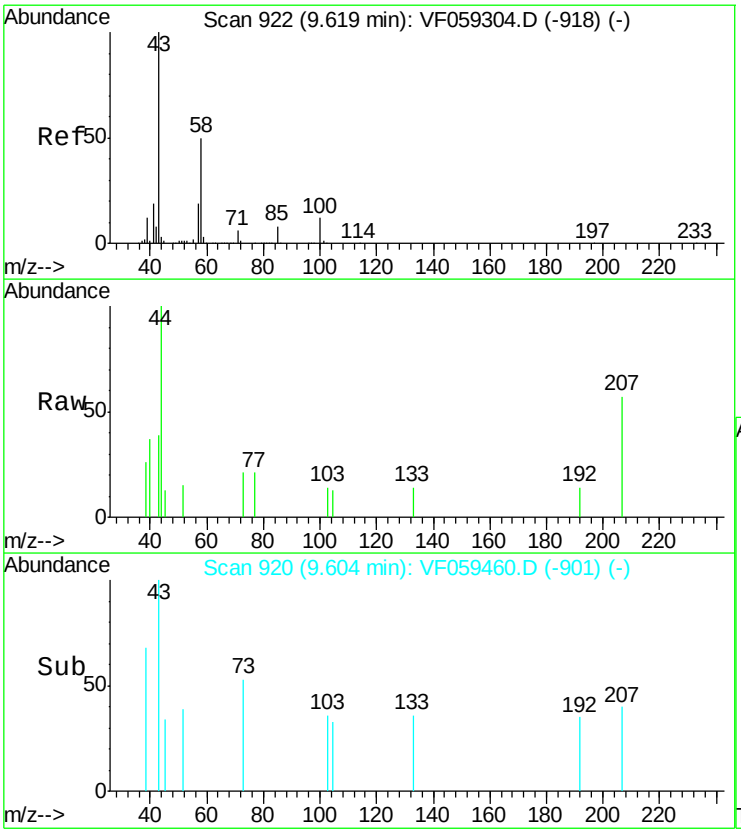
#58
2-Chloroethyl Vinyl ether
Concen: 2.360 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.08 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument : MSVOA_F
ClientSampleId : TP-TP-5-S

Tgt Ion: 63 Resp: 360

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

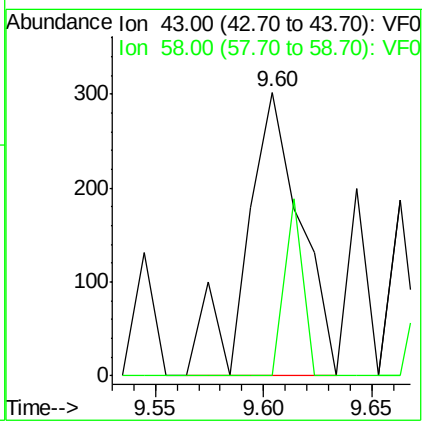


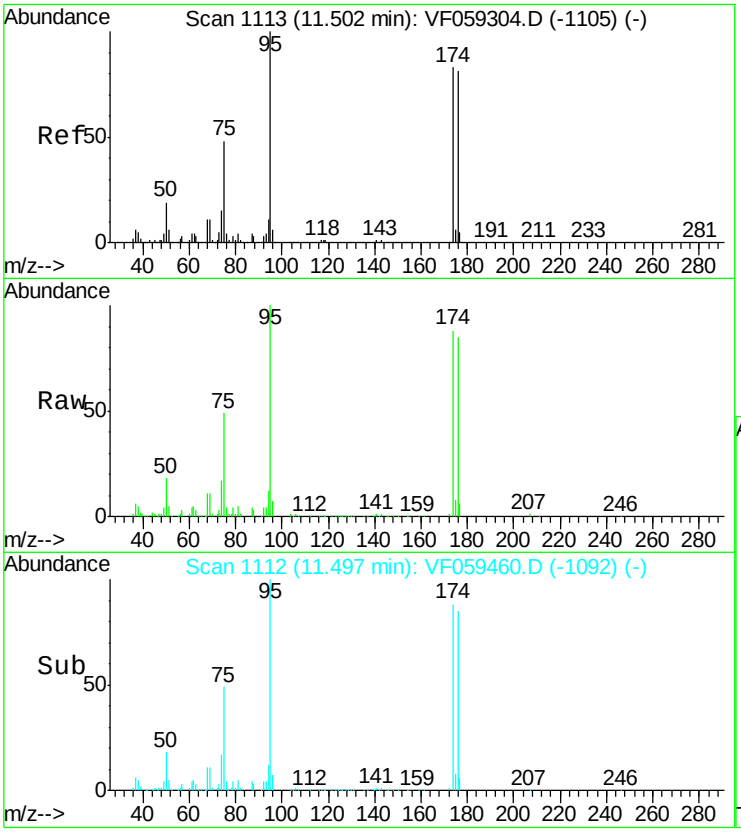


#59
2-Hexanone
Concen: Below Cal
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion: 43 Resp: 527

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#



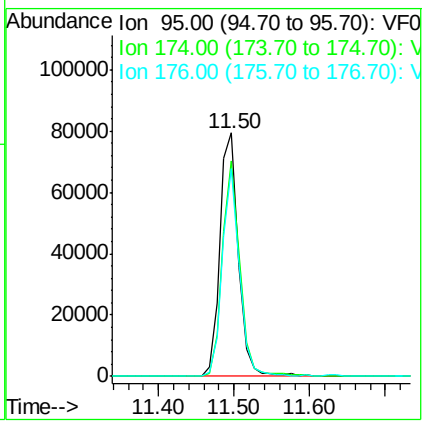


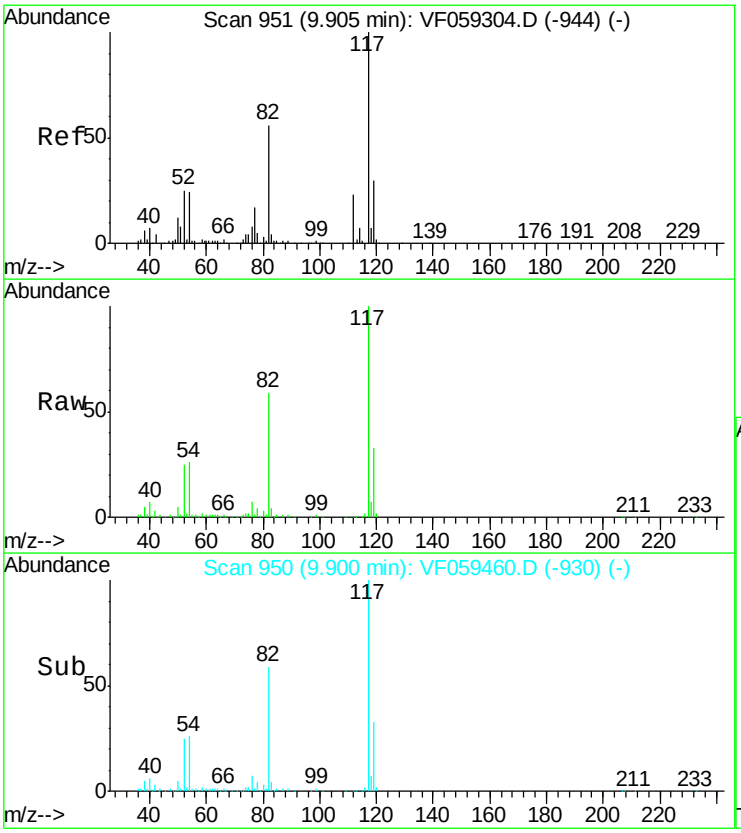
#62
4-Bromofluorobenzene
Concen: 45.826 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 95 Resp: 136417

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	165.2
176	85.2	0.0	161.0

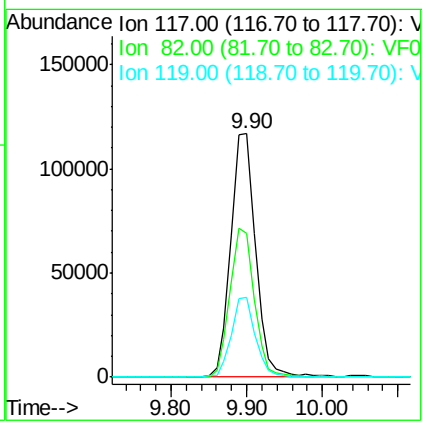


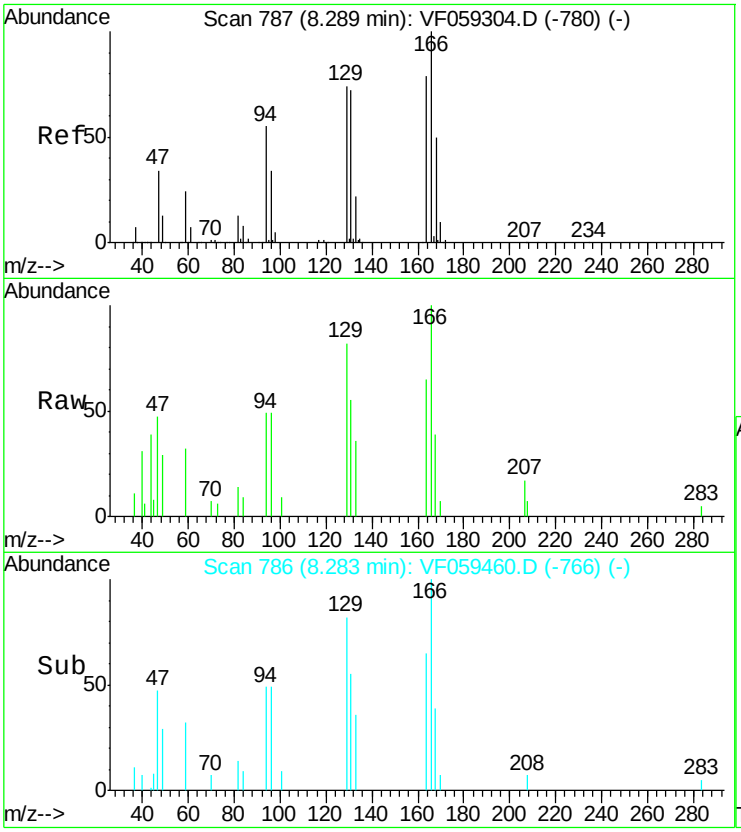


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion:117 Resp: 265689

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	32.9	24.1	36.1



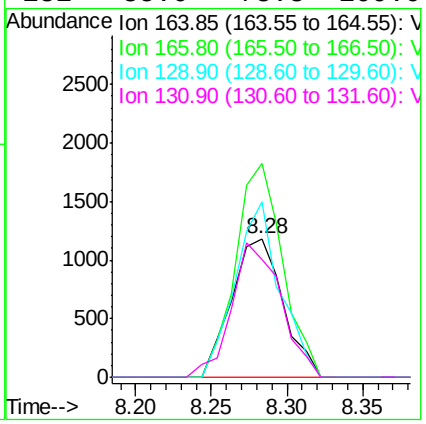


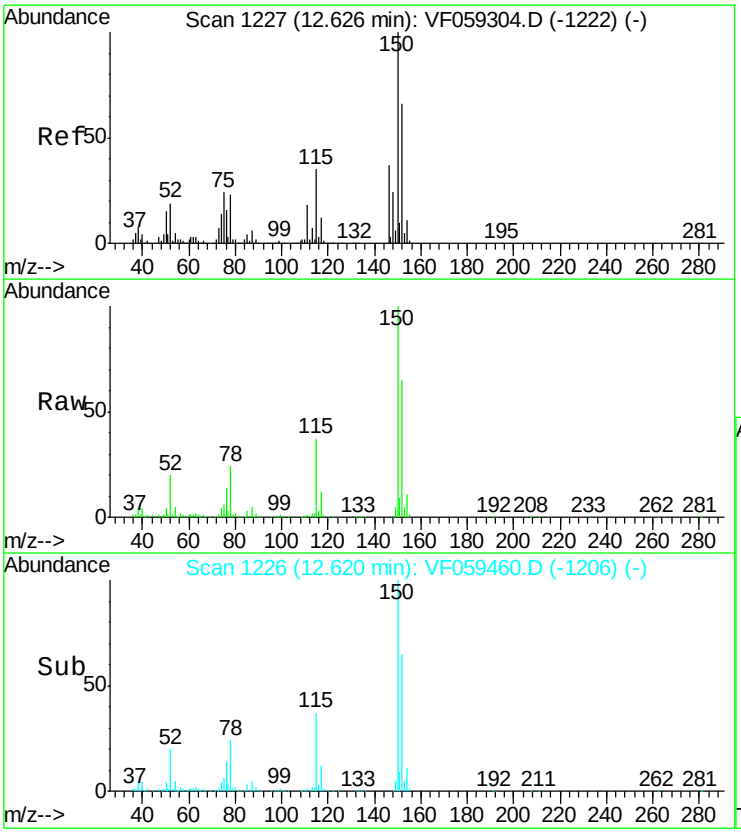
#64
Tetrachloroethene
Concen: 1.614 ug/l
RT: 8.28 min Scan# 786
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:164 Resp: 2782

Ion	Ratio	Lower	Upper
164	100		
166	154.2	101.1	151.7#
129	126.6	75.0	112.4#
131	85.0	73.3	109.9

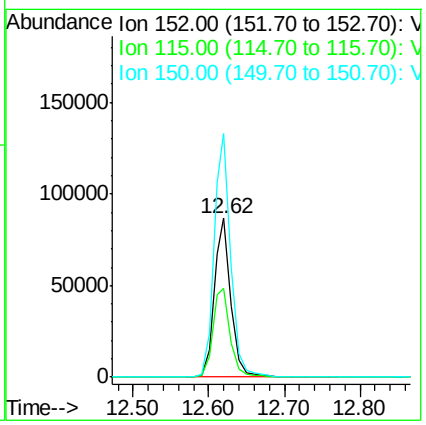


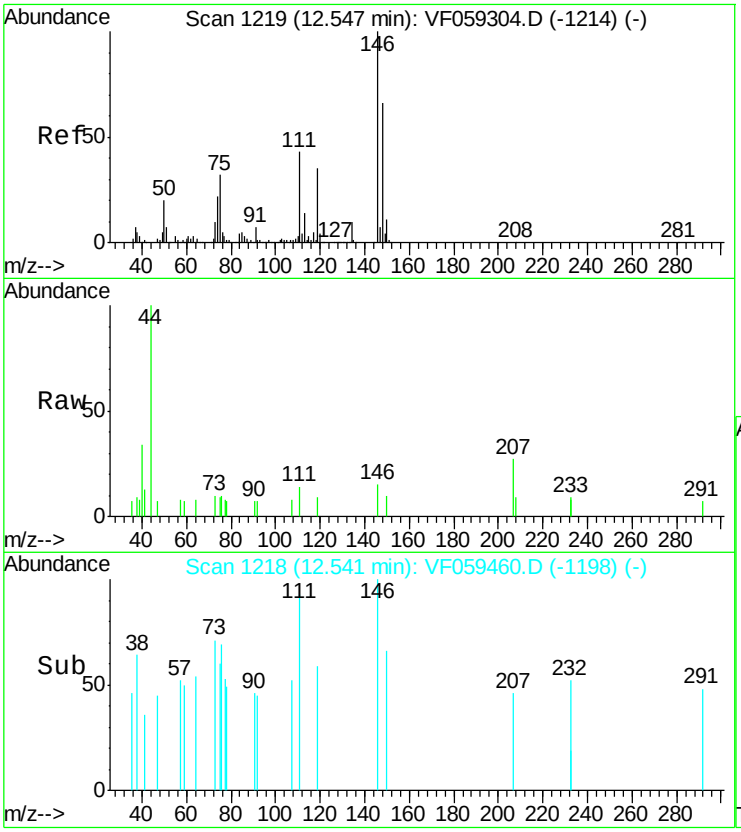


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Tgt Ion:152 Resp: 133048

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.1	81.3
150	153.3	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF059460.D
Acq: 6 Jul 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:146 Resp: 305

Ion	Ratio	Lower	Upper
146	100		
111	93.0	21.4	64.2#
148	0.0	32.8	98.4#