Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062718\
Data File : VF059349.D
Acq On : 27 Jun 2018 19:55
Operator : VA/AP
Sample : J3677-09
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 28 01:44:50 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	5.03	168	146795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	225624	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	204632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	113931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	84801	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.42%			
35) Dibromofluoromethane	4.28	113	73426	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.08%			
50) Toluene-d8	7.71	98	162093	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.42%			
62) 4-Bromofluorobenzene	11.51	95	81939	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.18%			
Target Compounds						Qvalue
5) Bromomethane	1.34	94	156	Below Cal		93
11) Tert butyl alcohol	2.69	59	303	2.400	ug/l #	1
13) Acrolein	2.18	56	183	Below Cal		91
16) Acetone	2.32	43	10416	12.293	ug/l	94
18) Methyl Acetate	2.47	43	5412	5.281	ug/l #	61
20) Methylene Chloride	2.27	84	10629	3.055	ug/l #	78
25) 2-Butanone	4.50	43	236	Below Cal	#	59
29) Tetrahydrofuran	4.25	42	85	Below Cal	#	41
37) Ethyl Acetate	4.26	43	273	Below Cal	#	26
39) Methylcyclohexane	5.75	83	2942	1.684	ug/l #	44
49) 1,4-Dioxane	7.03	88	61	Below Cal	#	20
58) 2-Chloroethyl Vinyl ether	7.70	63	320	2.713	ug/l	100
59) 2-Hexanone	9.62	43	203	Below Cal		91
87) 1,3-Dichlorobenzene	12.55	146	259	Below Cal	#	23

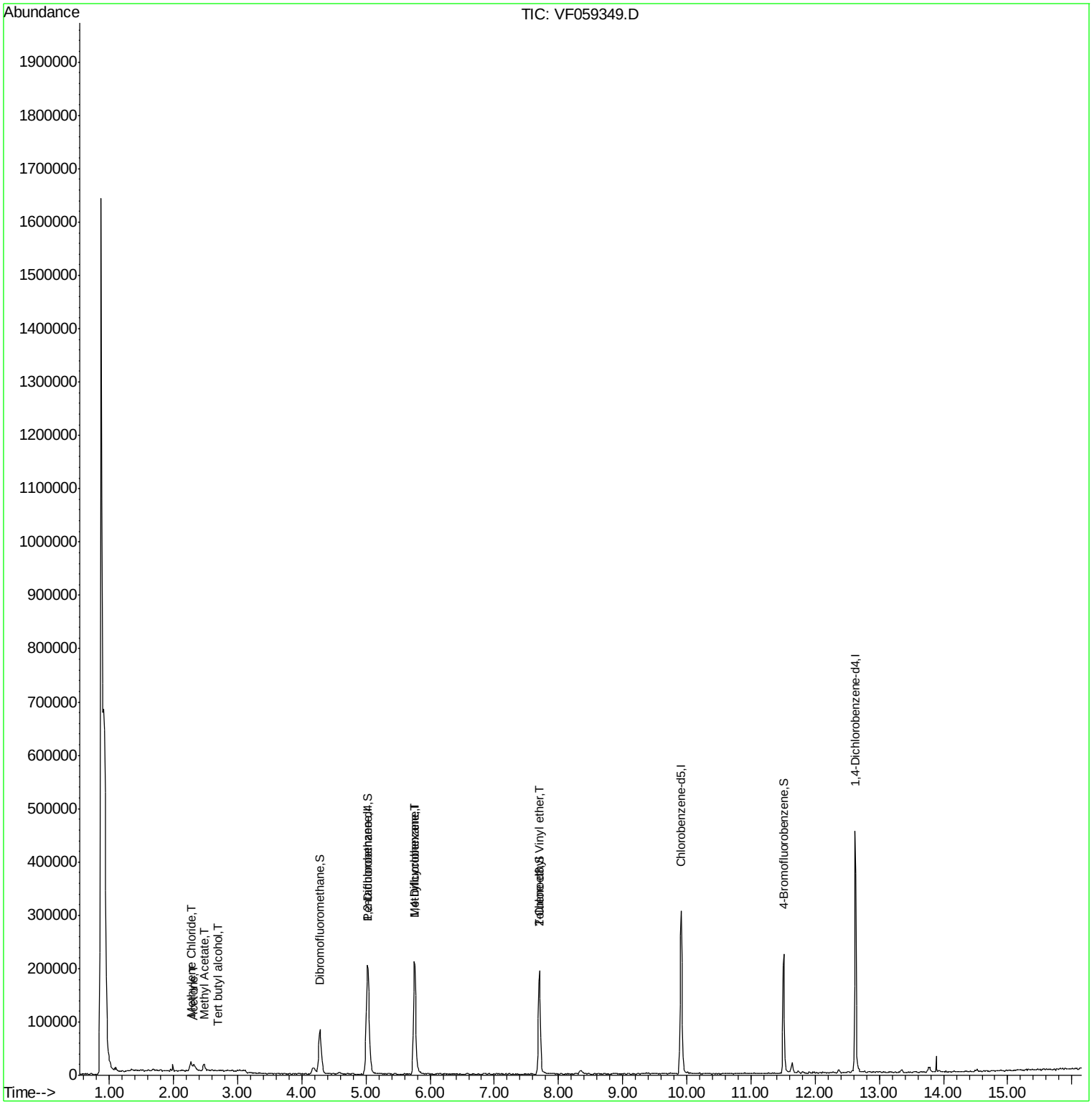
(#) = qualifier out of range (m) = manual integration (+) = signals summed

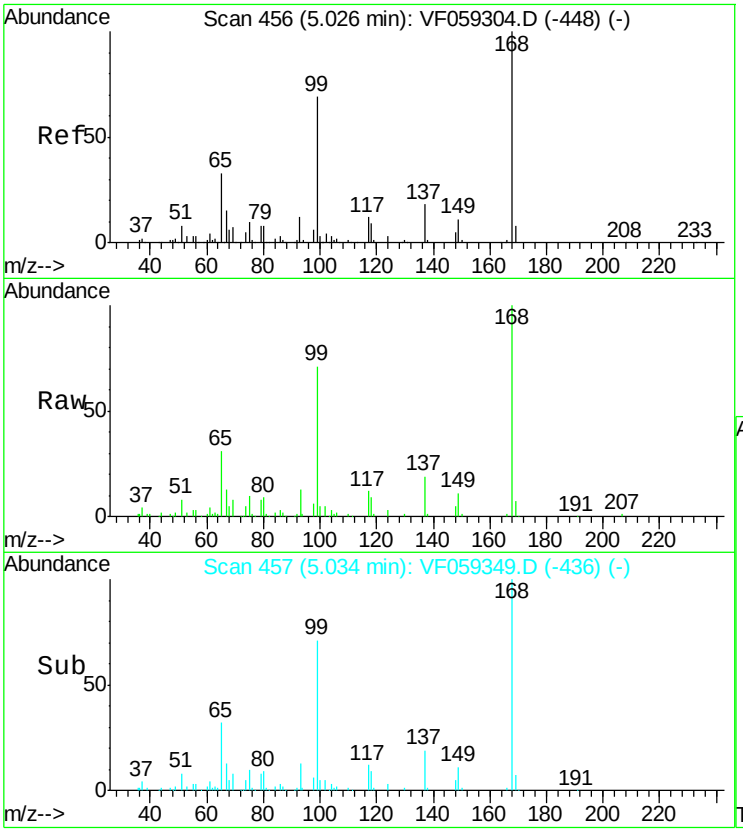
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
Data File : VF059349.D
Acq On : 27 Jun 2018 19:55
Operator : VA/AP
Sample : J3677-09
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 28 01:44:50 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



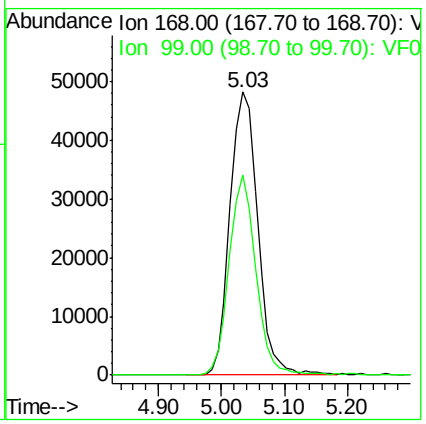


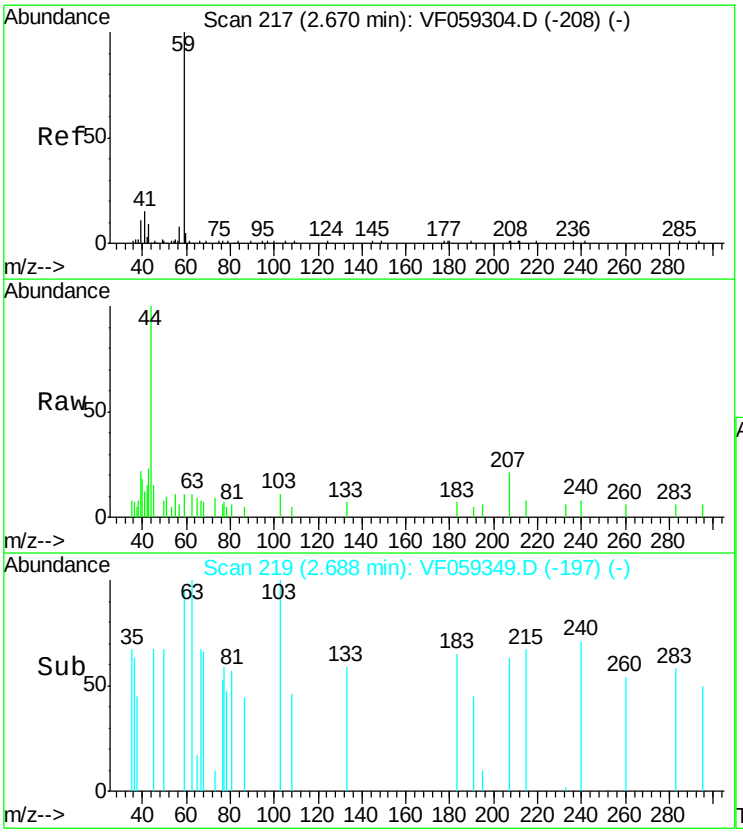
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 146795

Ion	Ratio	Lower	Upper
168	100		
99	70.8	54.9	82.3

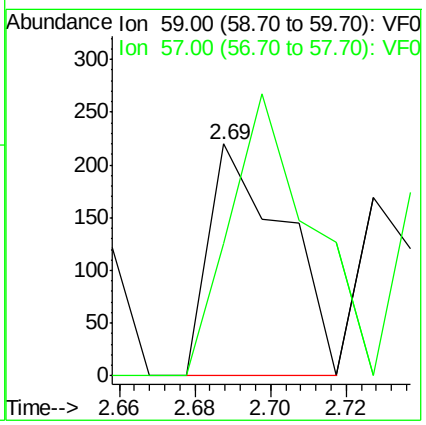


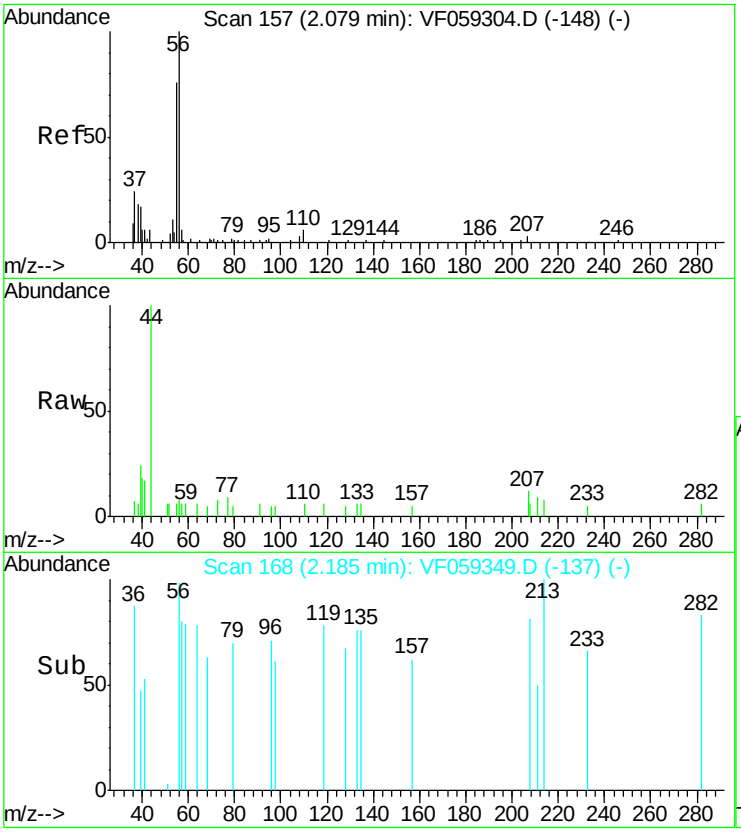


#11
Tert butyl alcohol
Concen: 2.400 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.02 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 59 Resp: 303

Ion	Ratio	Lower	Upper
59	100		
57	56.8	11.0	16.4#



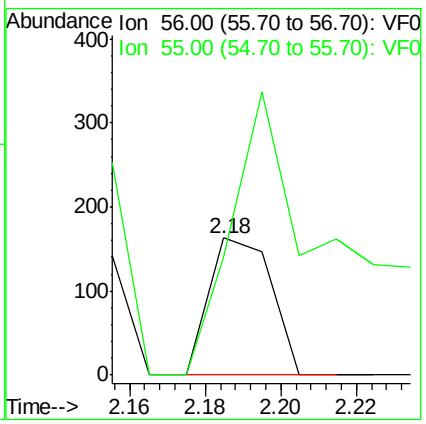


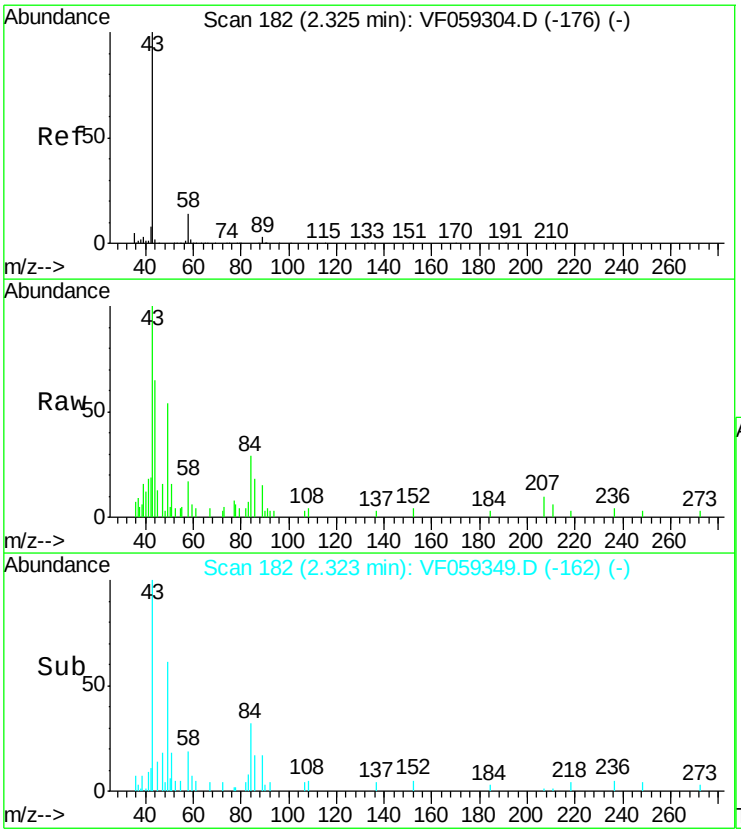
#13
Acrolein
Concen: Below Cal
RT: 2.18 min Scan# 168
Delta R.T. 0.11 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 183

Ion	Ratio	Lower	Upper
56	100		
55	85.9	62.4	93.6

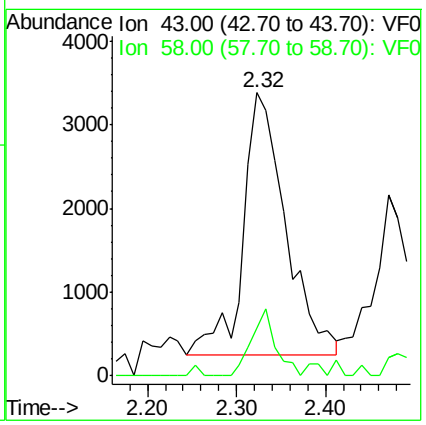


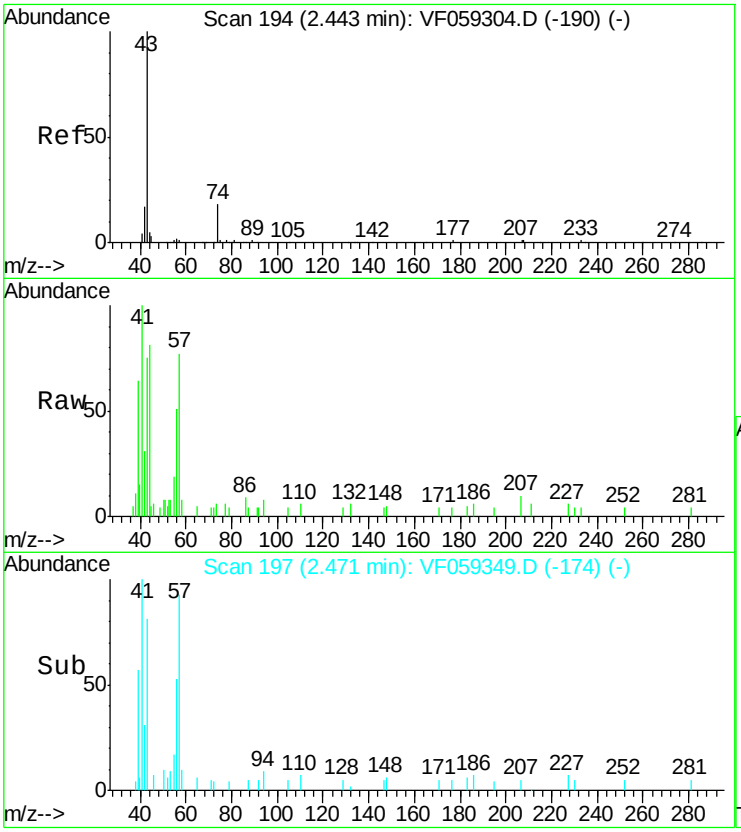


#16
Acetone
Concen: 12.293 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 43 Resp: 10416

Ion	Ratio	Lower	Upper
43	100		
58	16.8	11.4	17.0



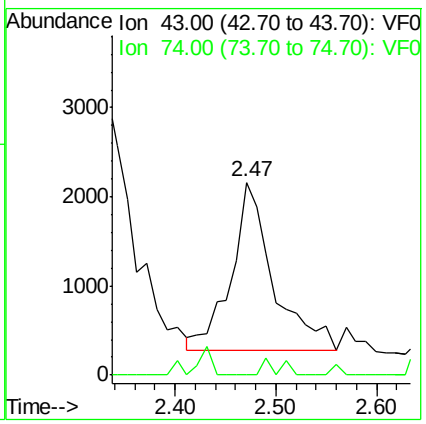


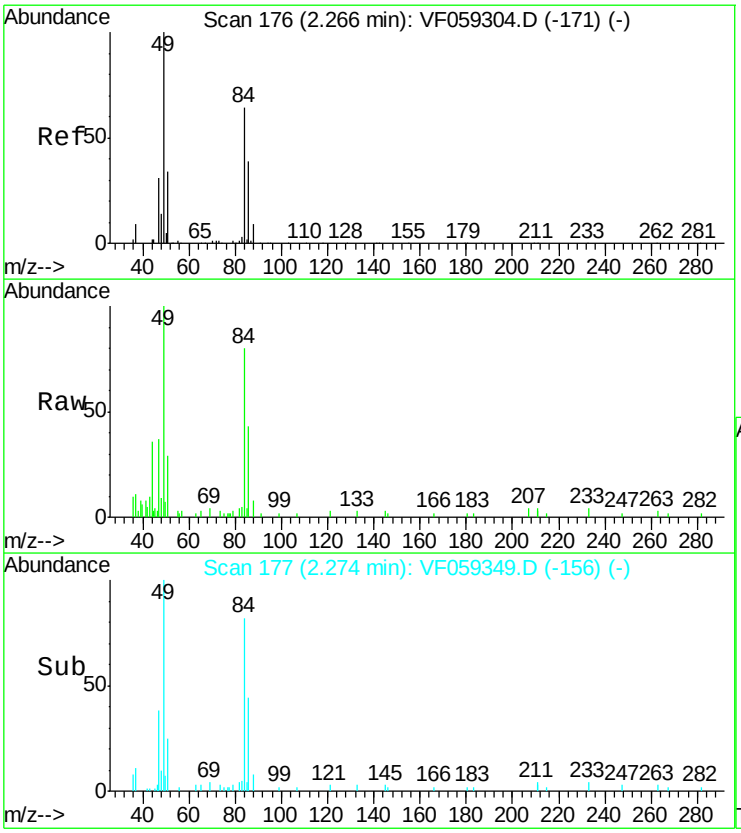
#18
Methyl Acetate
Concen: 5.281 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5412

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

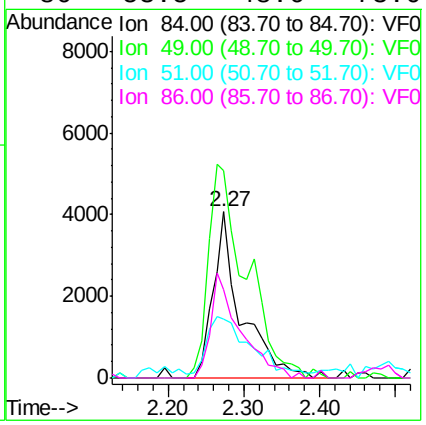


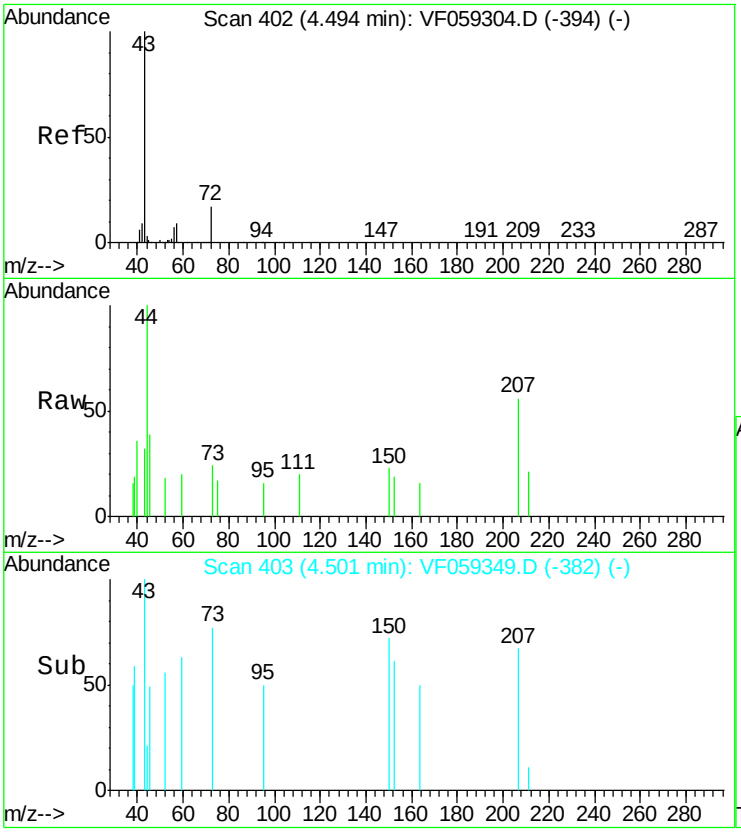


#20
Methylene Chloride
Concen: 3.055 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 84 Resp: 10629

Ion	Ratio	Lower	Upper
84	100		
49	125.0	126.5	189.7#
51	35.8	42.9	64.3#
86	53.5	48.6	73.0



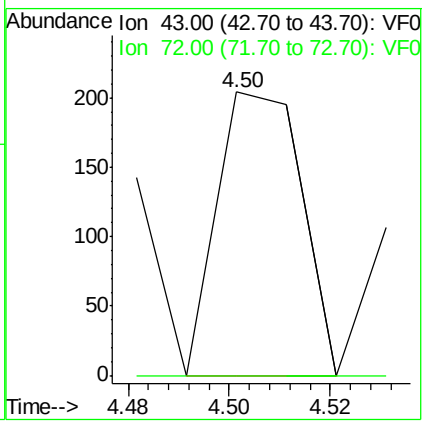


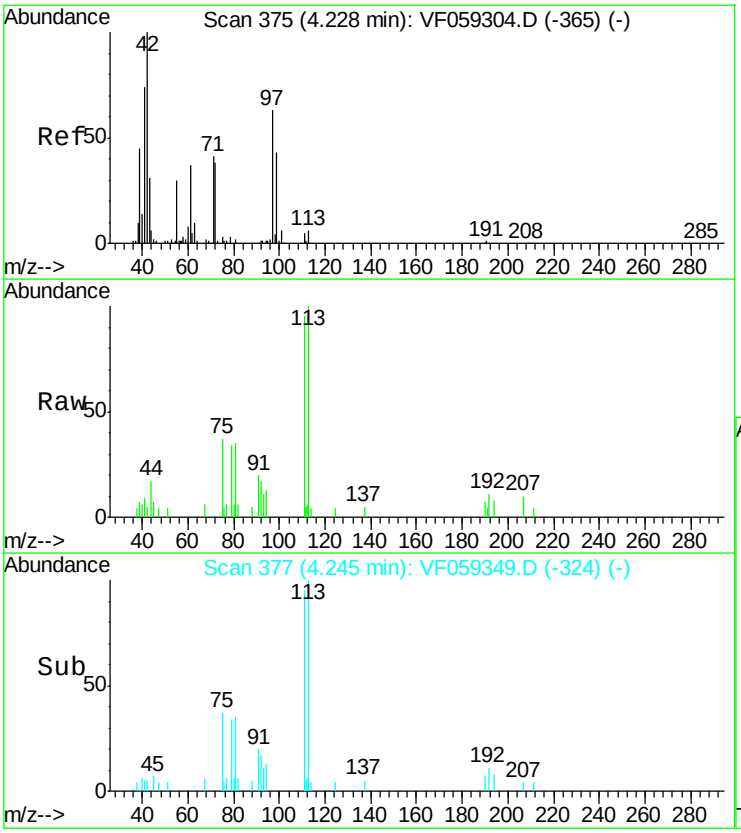
#25
2-Butanone
Concen: Below Cal
RT: 4.50 min Scan# 403
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#

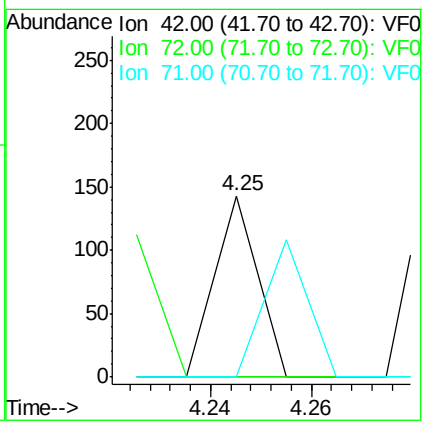


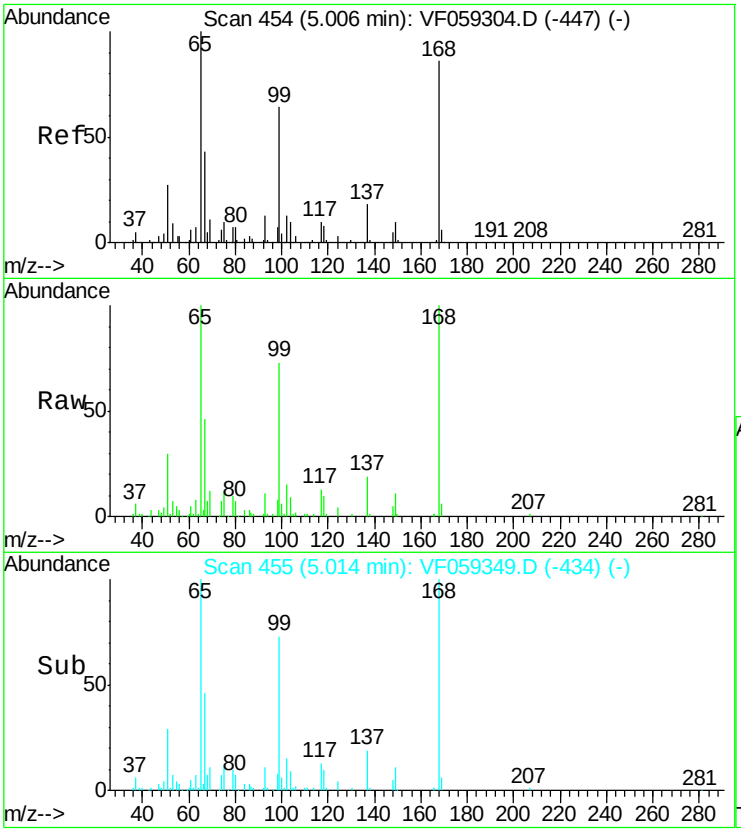


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.25 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 42 Resp: 85

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	75.3	32.5	48.7#



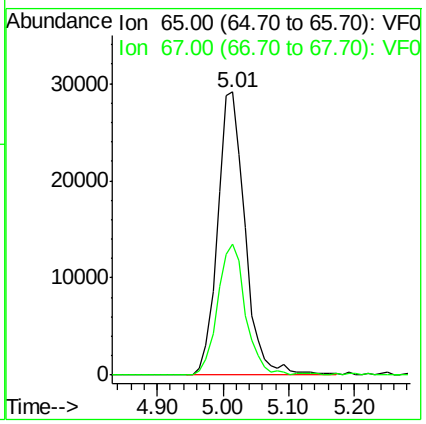


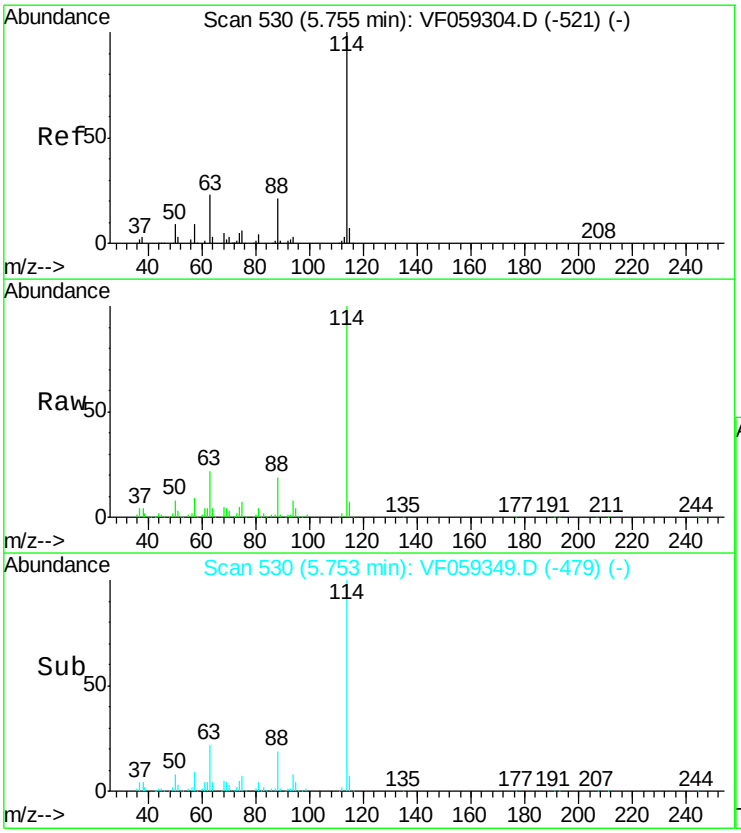
#33
1,2-Dichloroethane-d4
Concen: 44.713 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 84801

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	96.8

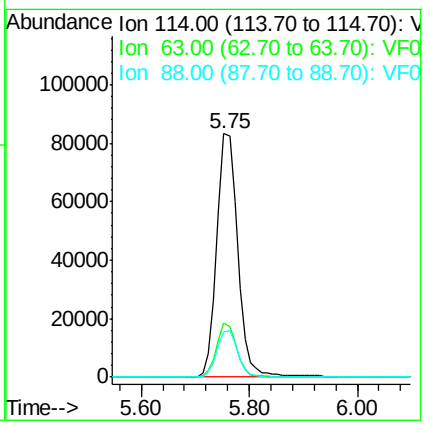


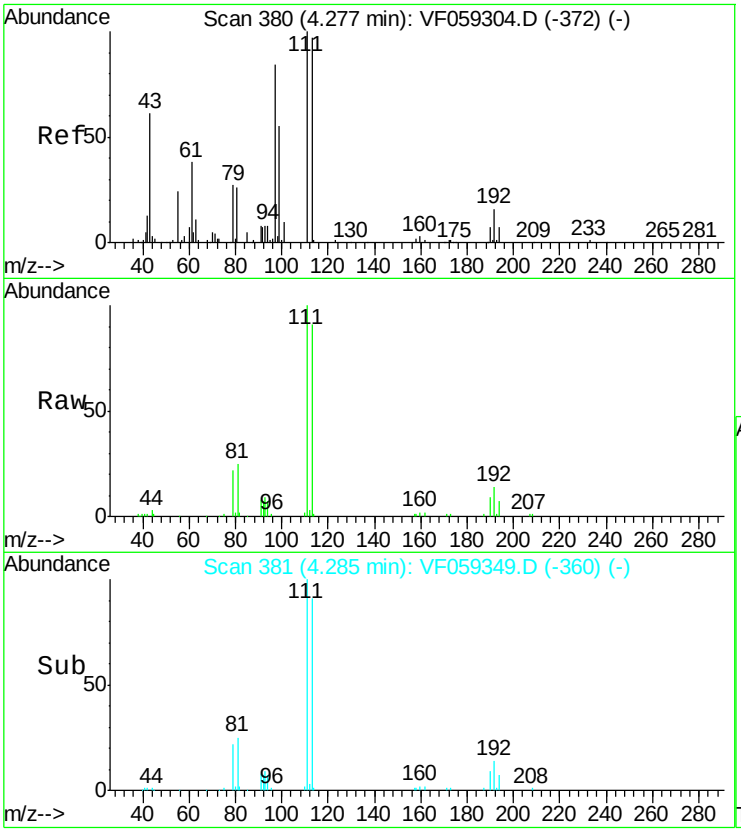


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.00 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion:114 Resp: 225624

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.8
88	18.7	0.0	41.2



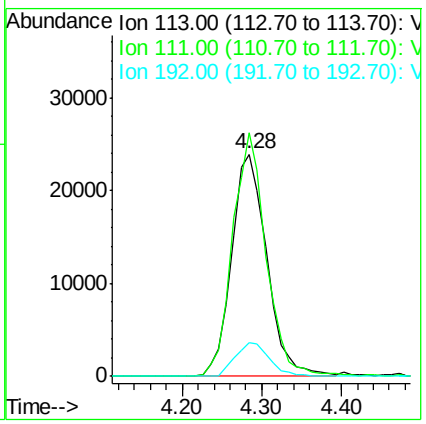


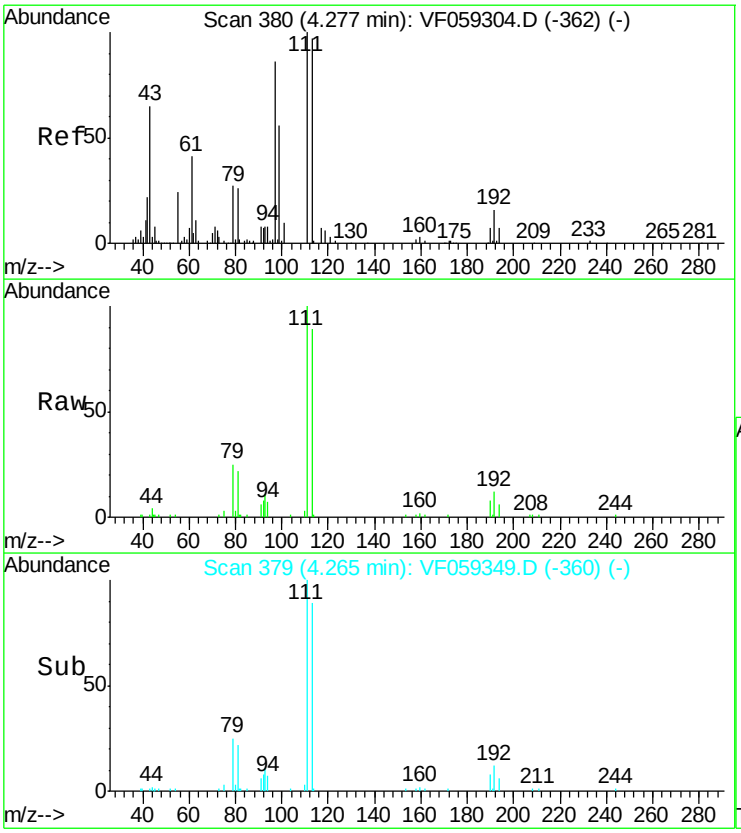
#35
Dibromofluoromethane
Concen: 44.539 ug/l
RT: 4.28 min Scan# 381
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 73426

Ion	Ratio	Lower	Upper
113	100		
111	109.7	82.1	123.1
192	14.9	13.0	19.6

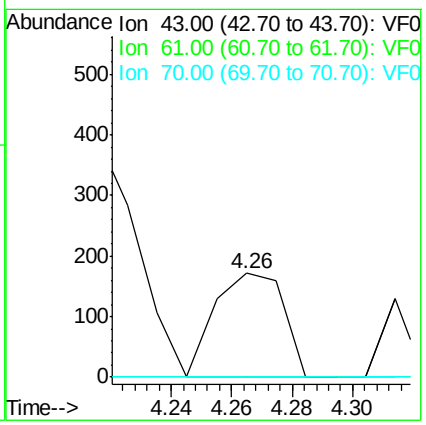


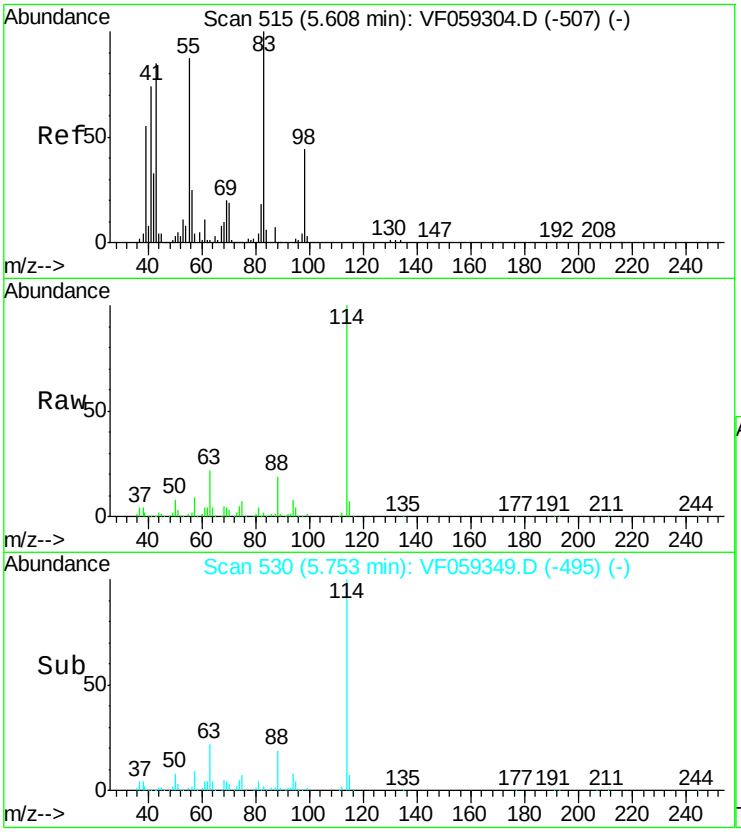


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.26 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 43 Resp: 273

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



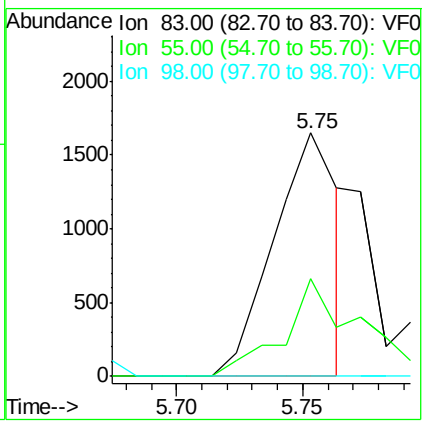


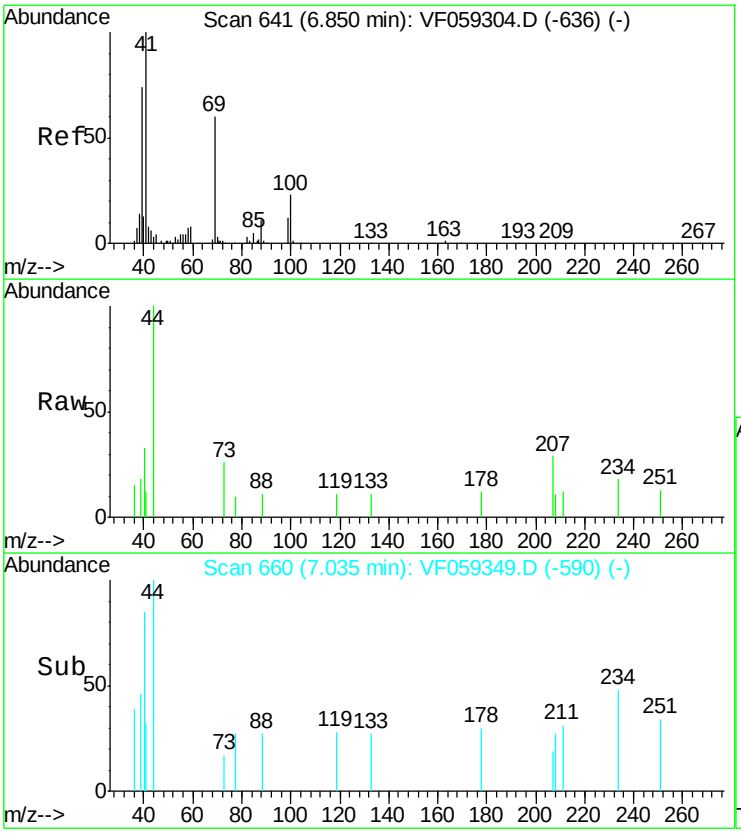
#39
Methylcyclohexane
Concen: 1.684 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.15 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 2942

Ion	Ratio	Lower	Upper
83	100		
55	40.0	69.2	103.8#
98	0.0	35.0	52.6#

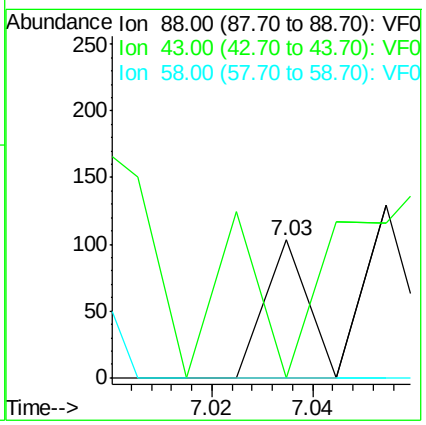


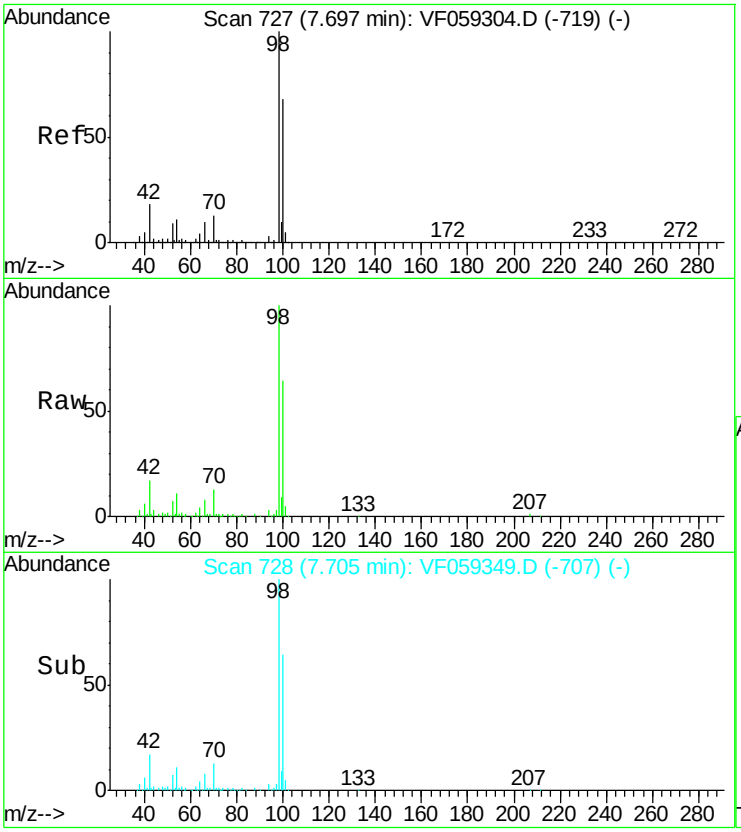


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.03 min Scan# 660
Delta R.T. 0.19 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 88 Resp: 61

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



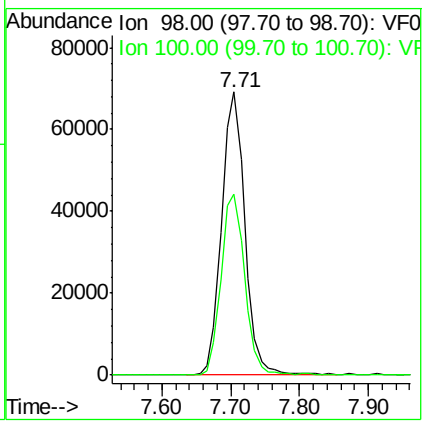


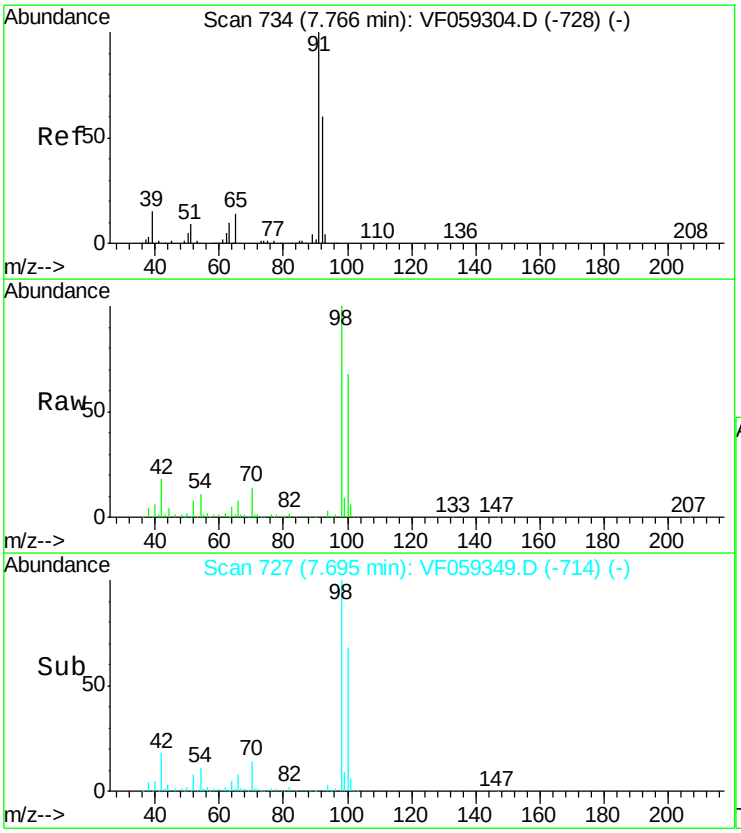
#50
Toluene-d8
Concen: 39.712 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 162093

Ion	Ratio	Lower	Upper
98	100		
100	63.8	54.6	82.0

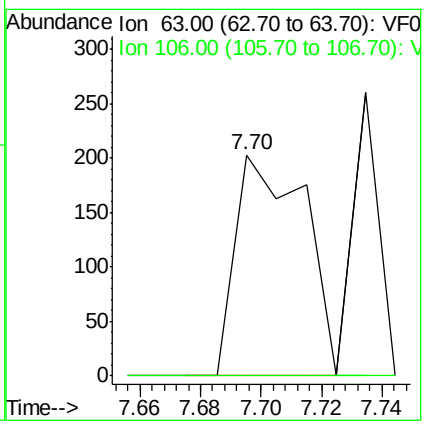


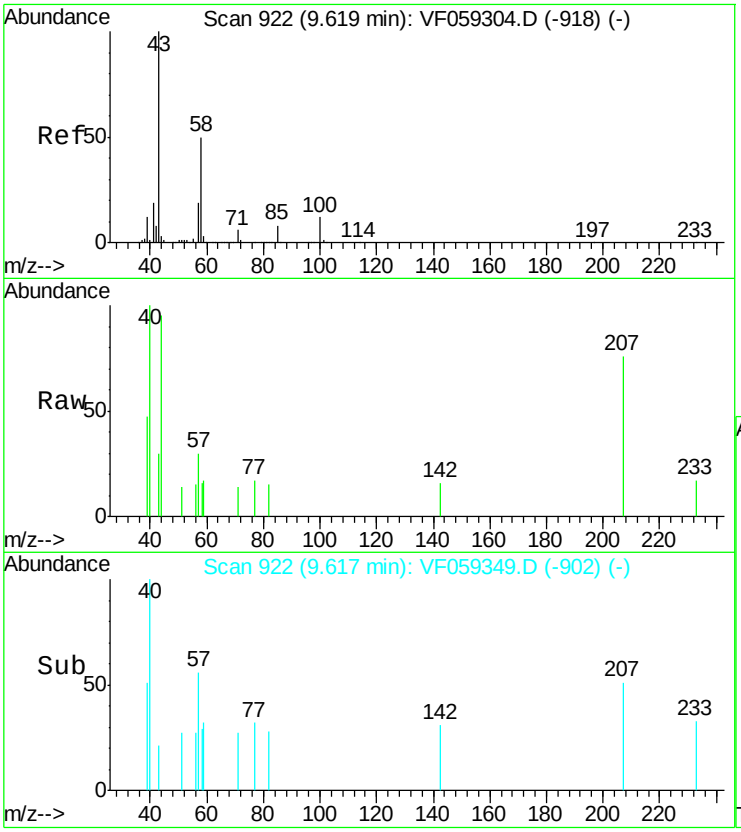


#58
2-Chloroethyl Vinyl ether
Concen: 2.713 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.07 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 63 Resp: 320

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



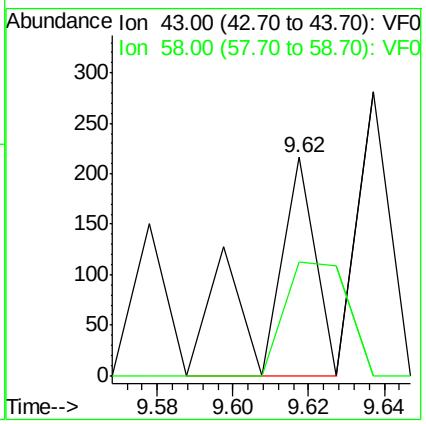


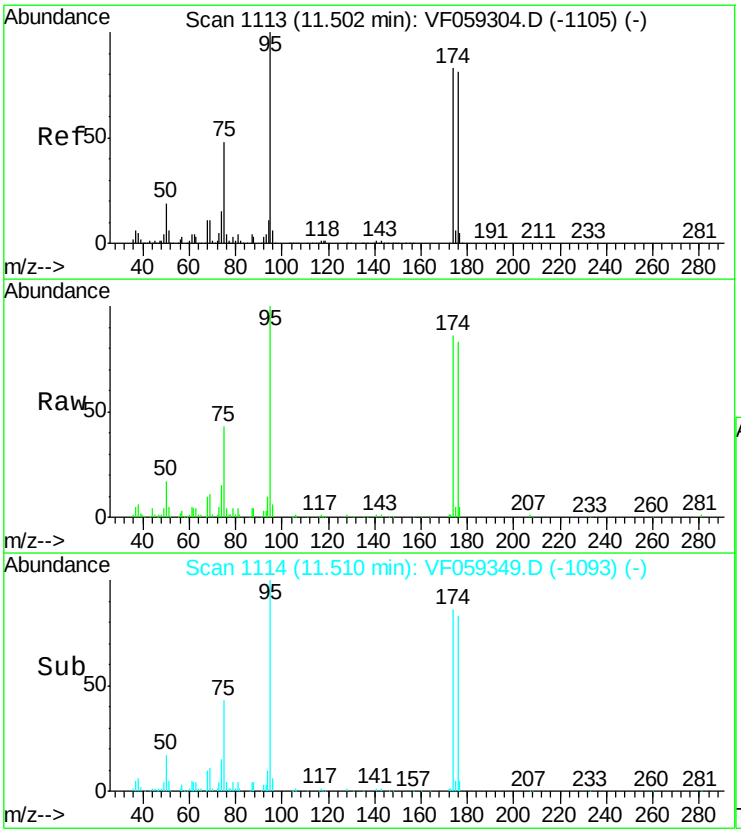
#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 203

Ion	Ratio	Lower	Upper
43	100		
58	52.3	23.3	69.9

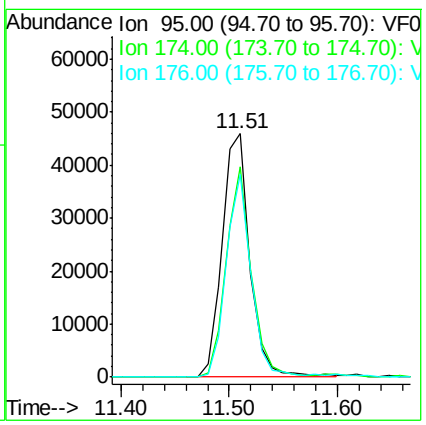


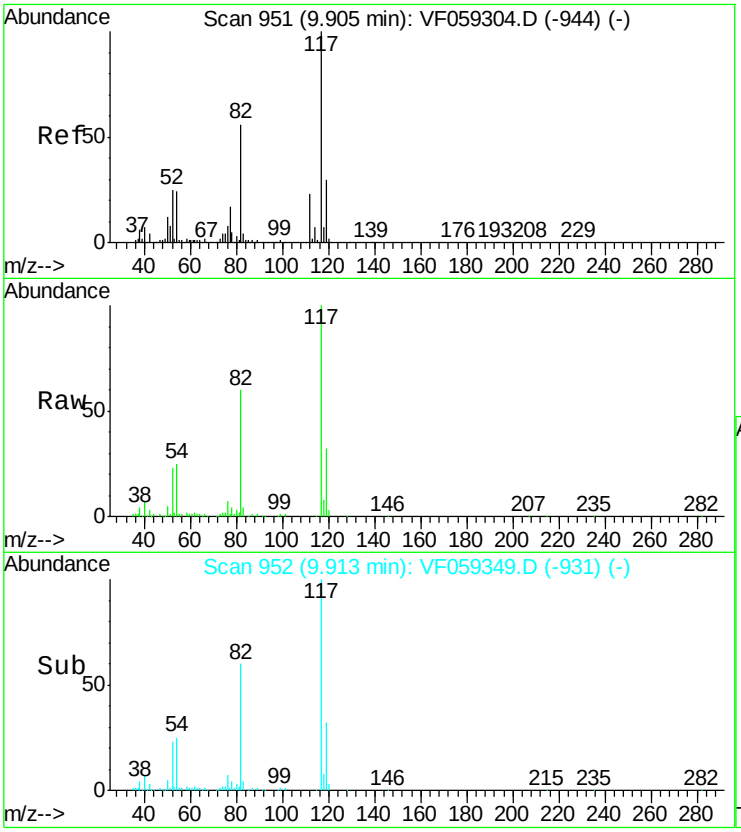


#62
4-Bromofluorobenzene
Concen: 35.588 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion: 95 Resp: 81939

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	165.2
176	83.3	0.0	161.0



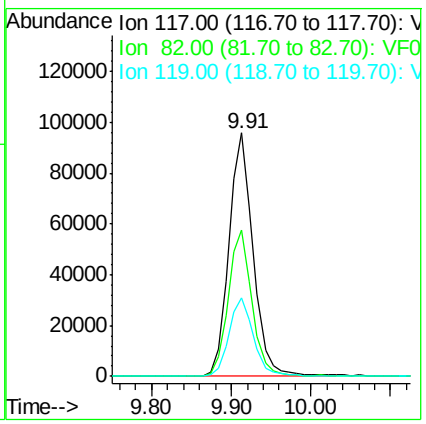


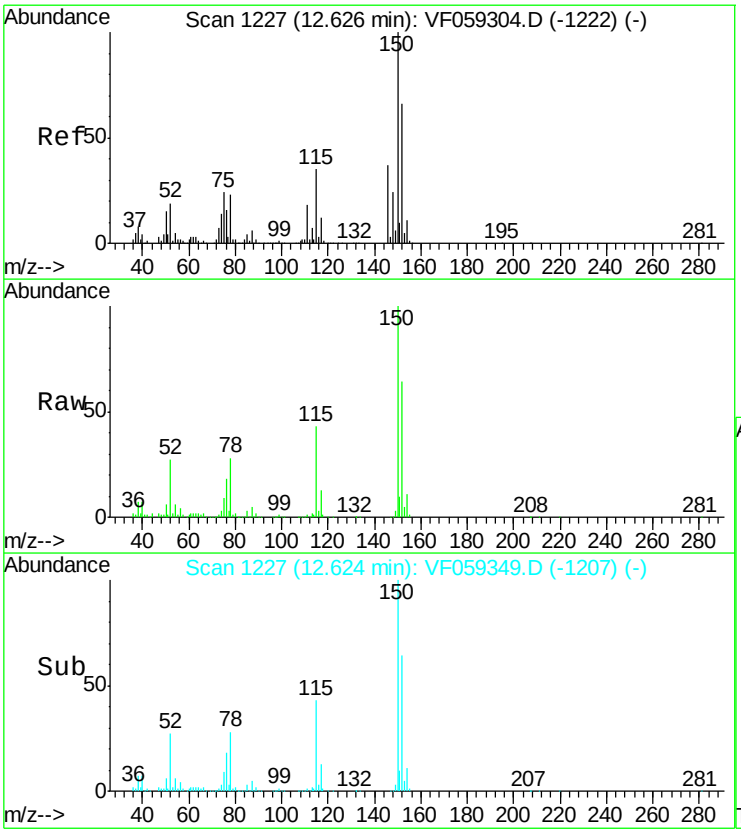
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 204632

Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.6	66.8
119	32.2	24.1	36.1

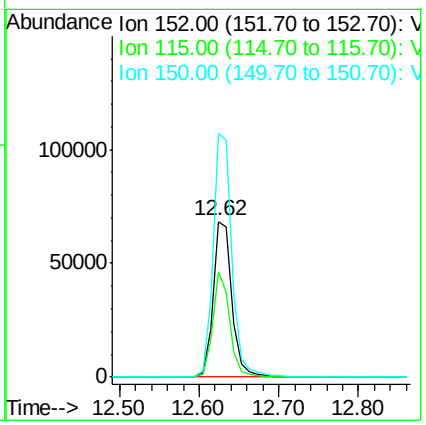


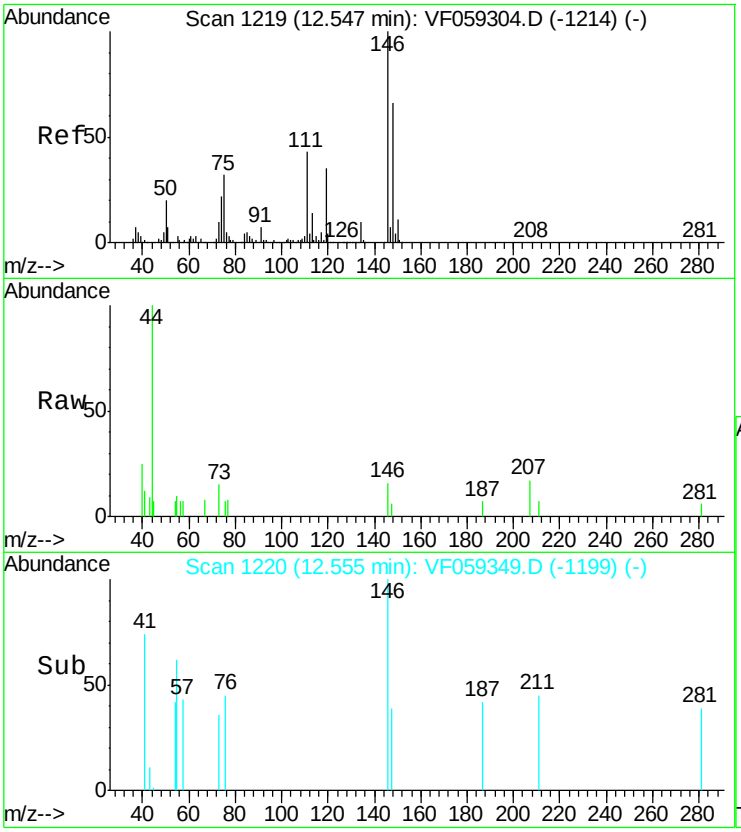


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Tgt Ion:152 Resp: 113931

Ion	Ratio	Lower	Upper
152	100		
115	67.8	27.1	81.3
150	156.8	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059349.D
Acq: 27 Jun 2018 19:55

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 259

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