Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062517.D
Acq On : 12 May 2019 23:12
Operator : FY/SY
Sample : VF0512SBL02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0512SBL02

Quant Time: May 13 04:49:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	292447	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	405721	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	350725	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	233999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	155891	56.41	ug/l	0.03
Spiked Amount 50.000			Recovery = 112.82%			
35) Dibromofluoromethane	4.33	113	190148	58.83	ug/l	0.03
Spiked Amount 50.000			Recovery = 117.66%			
50) Toluene-d8	7.73	98	390928	49.96	ug/l	0.03
Spiked Amount 50.000			Recovery = 99.92%			
62) 4-Bromofluorobenzene	11.51	95	192274	54.47	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.94%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	368	Below Cal	#	33
11) Tert butyl alcohol	2.75	59	1011	6.473	ug/l #	70
13) Acrolein	2.13	56	195	Below Cal	#	13
15) Acrylonitrile	3.12	53	490	1.656	ug/l #	16
16) Acetone	2.34	43	4543	8.126	ug/l #	62
29) Tetrahydrofuran	4.28	42	1091	3.380	ug/l #	64
37) Ethyl Acetate	4.30	43	1115	Below Cal	#	73
38) Carbon Tetrachloride	4.27	117	76	Below Cal	#	14
39) Methylcyclohexane	5.79	83	6267	1.793	ug/l #	38
49) 1,4-Dioxane	7.07	88	77	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.43	43	1823	1.518	ug/l #	86
59) 2-Hexanone	9.64	43	2786	3.353	ug/l	91

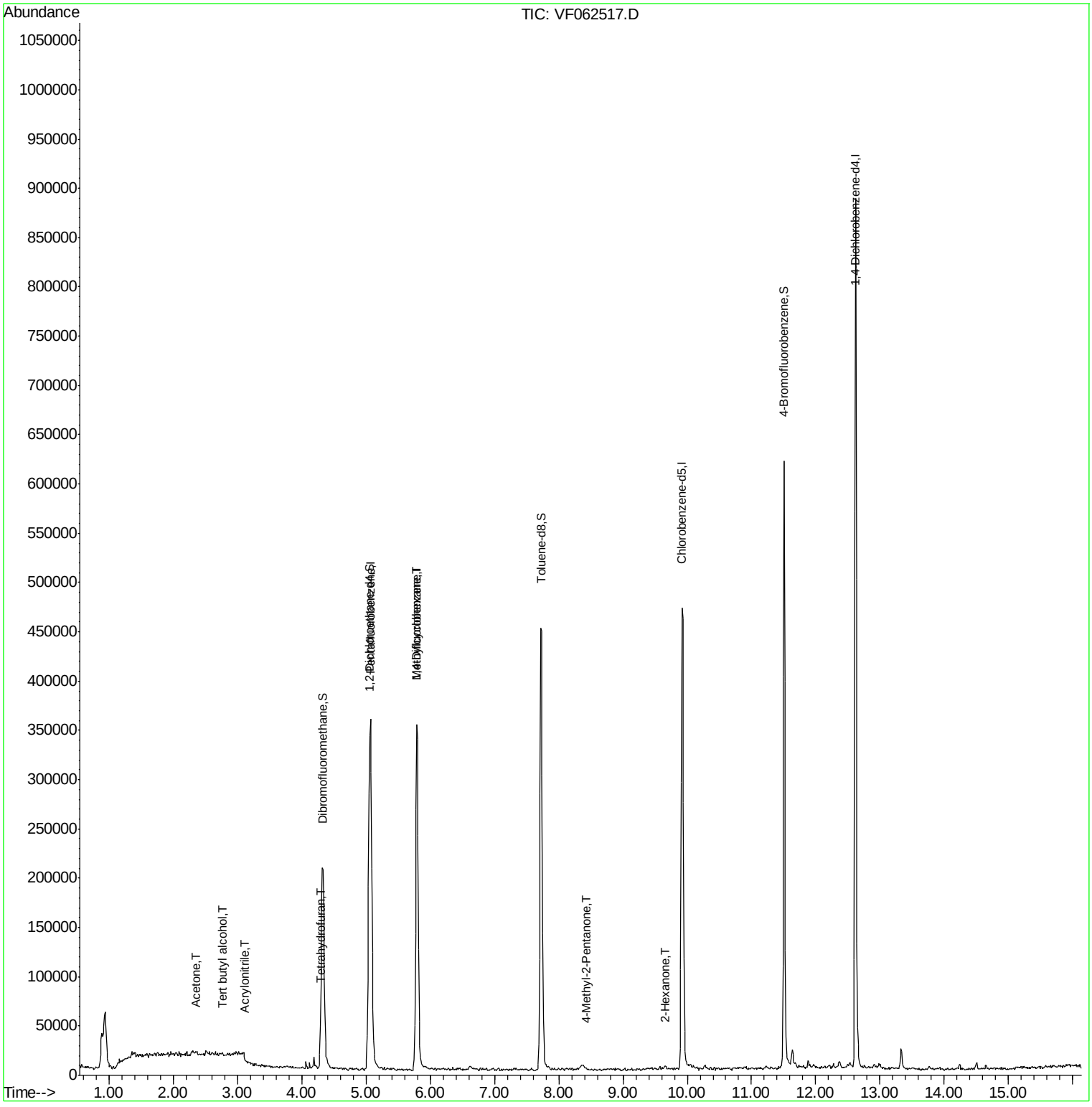
(#) = qualifier out of range (m) = manual integration (+) = signals summed

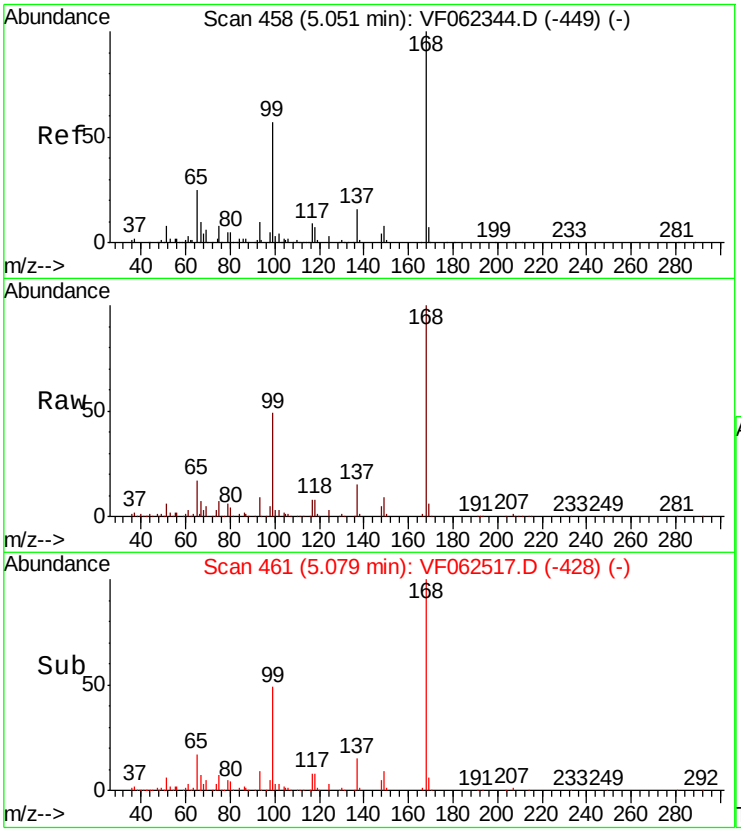
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062517.D
Acq On : 12 May 2019 23:12
Operator : FY/SY
Sample : VF0512SBL02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Quant Time: May 13 04:49:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



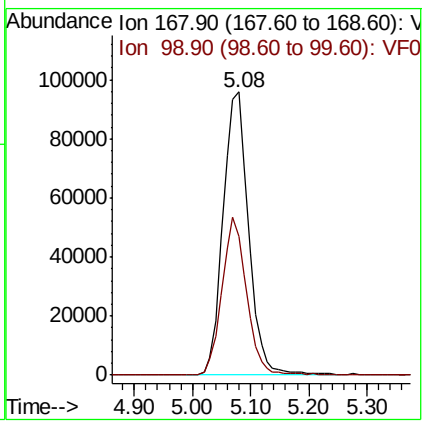


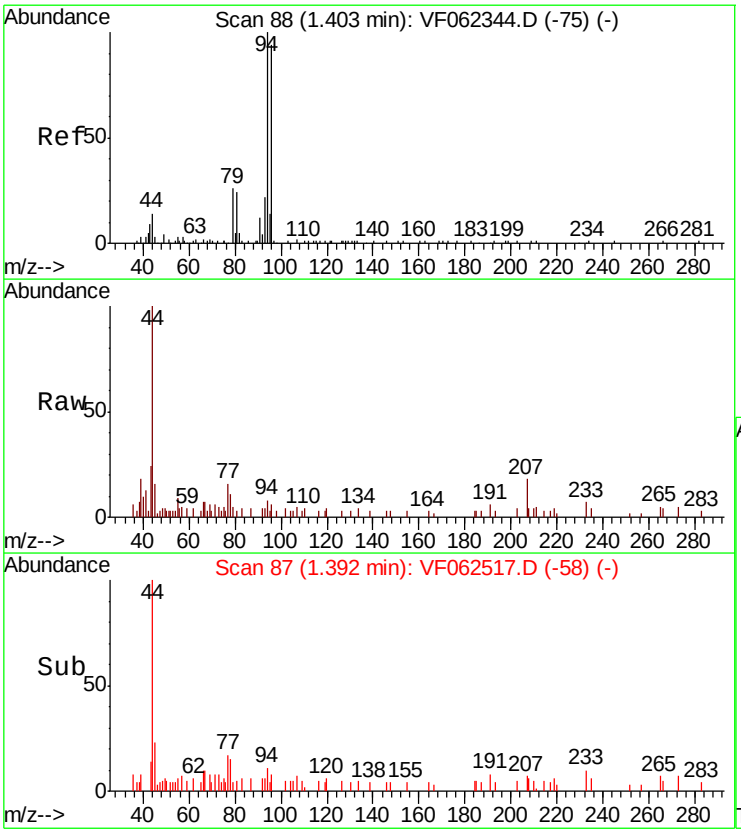
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion:168 Resp: 292447

Ion	Ratio	Lower	Upper
168	100		
99	49.2	45.9	68.9

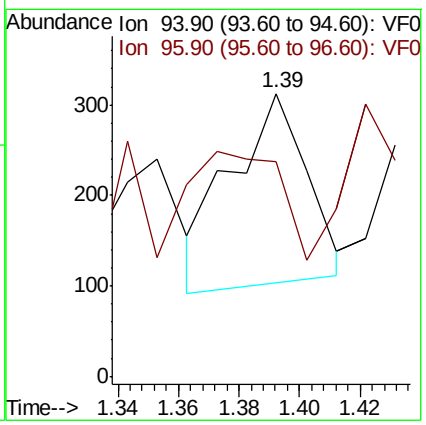


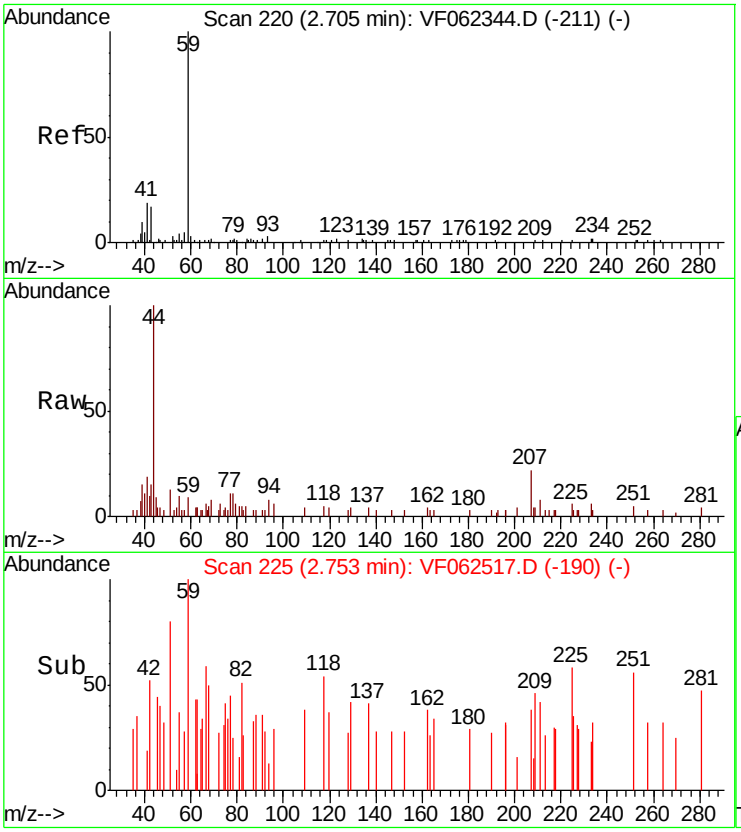


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.01 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 94 Resp: 368

Ion	Ratio	Lower	Upper
94	100		
96	29.7	75.4	113.2#



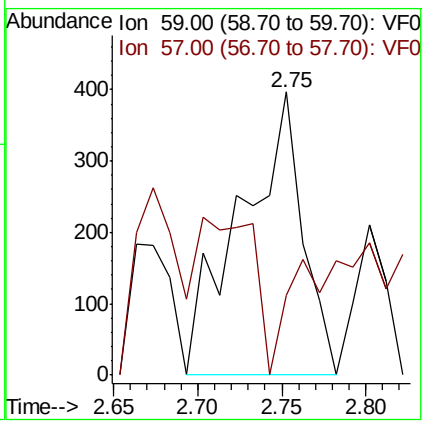


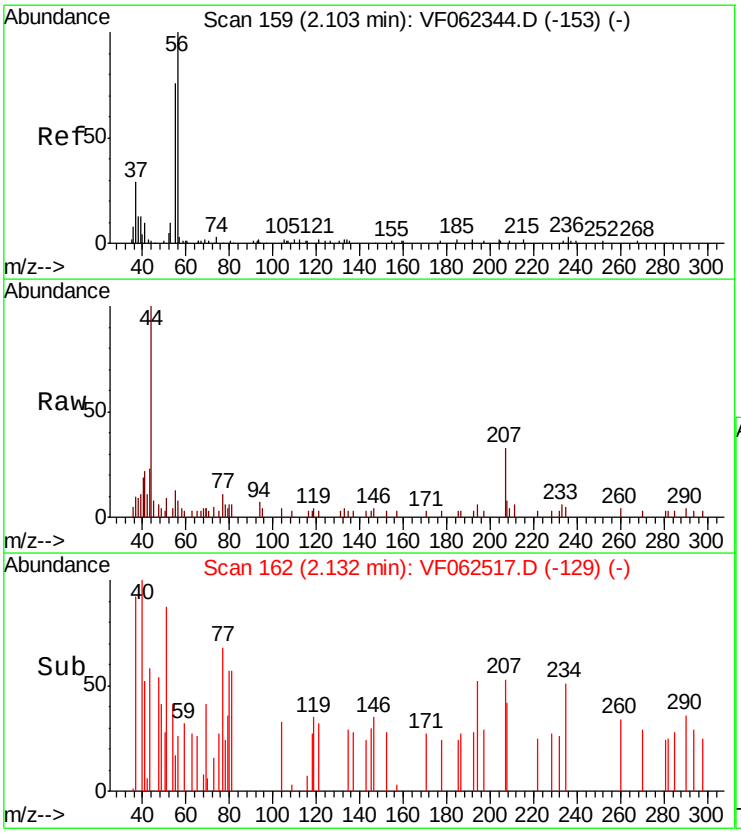
#11
Tert butyl alcohol
Concen: 6.473 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.05 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion: 59 Resp: 1011

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

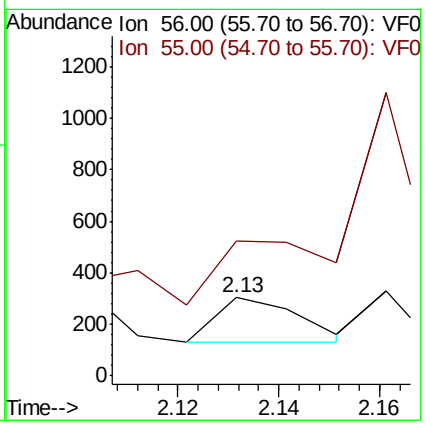


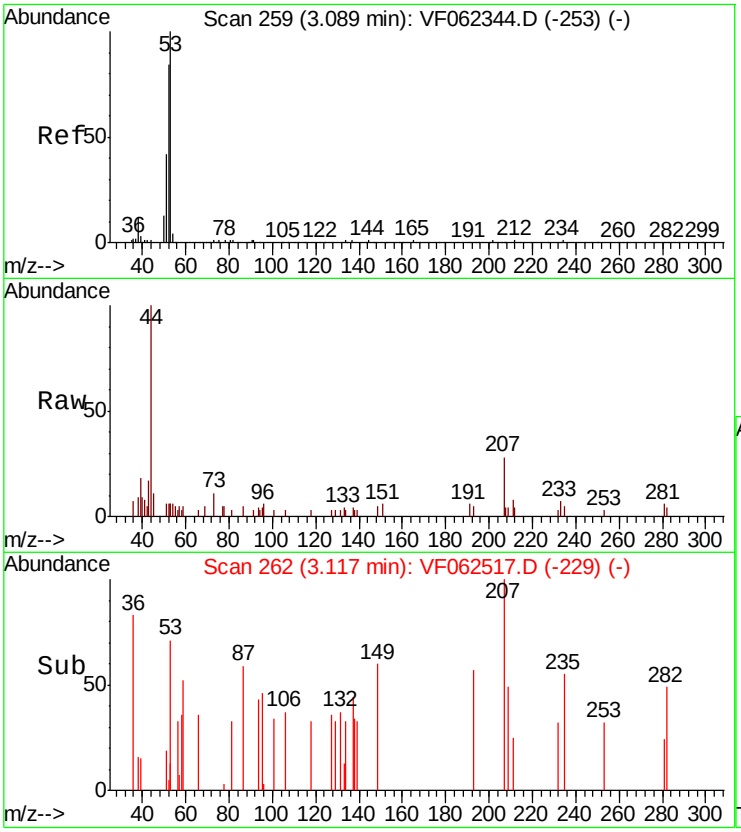


#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 56 Resp: 195

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



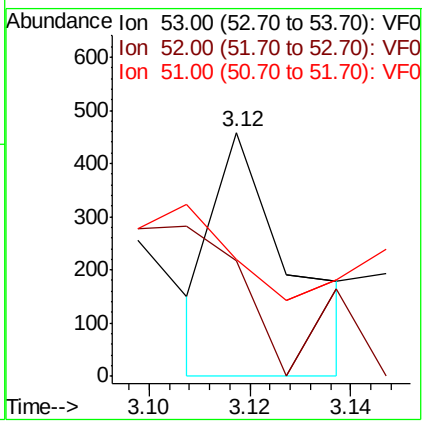


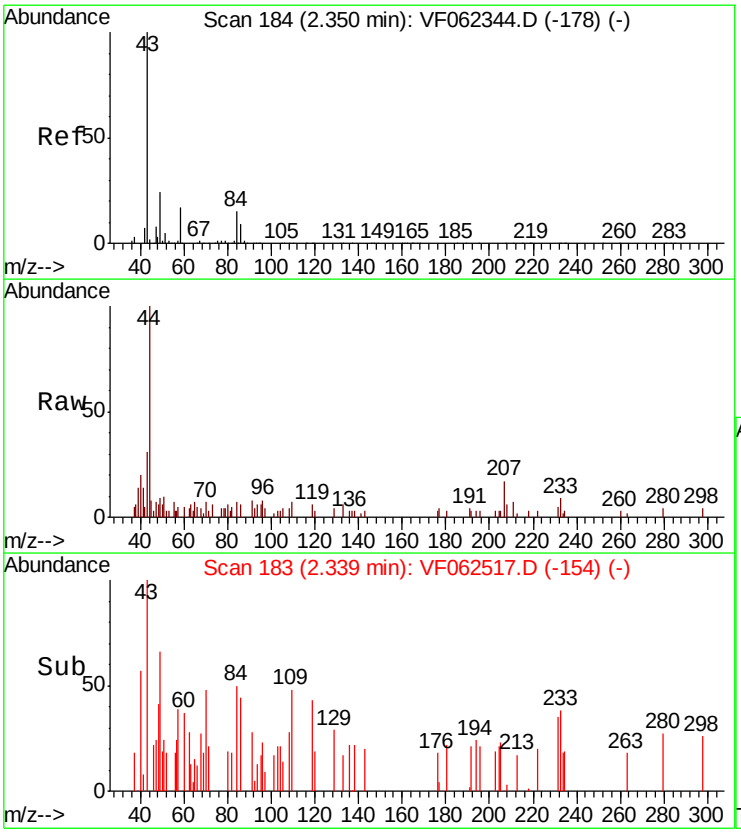
#15
Acrylonitrile
Concen: 1.656 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument : MSVOA_F
ClientSampleId : VF0512SBL02

Tgt Ion: 53 Resp: 490

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	91.0	40.6	61.0#

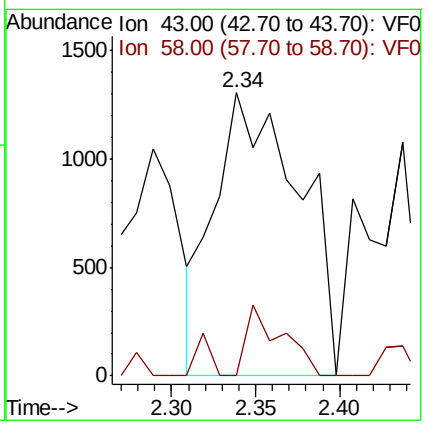


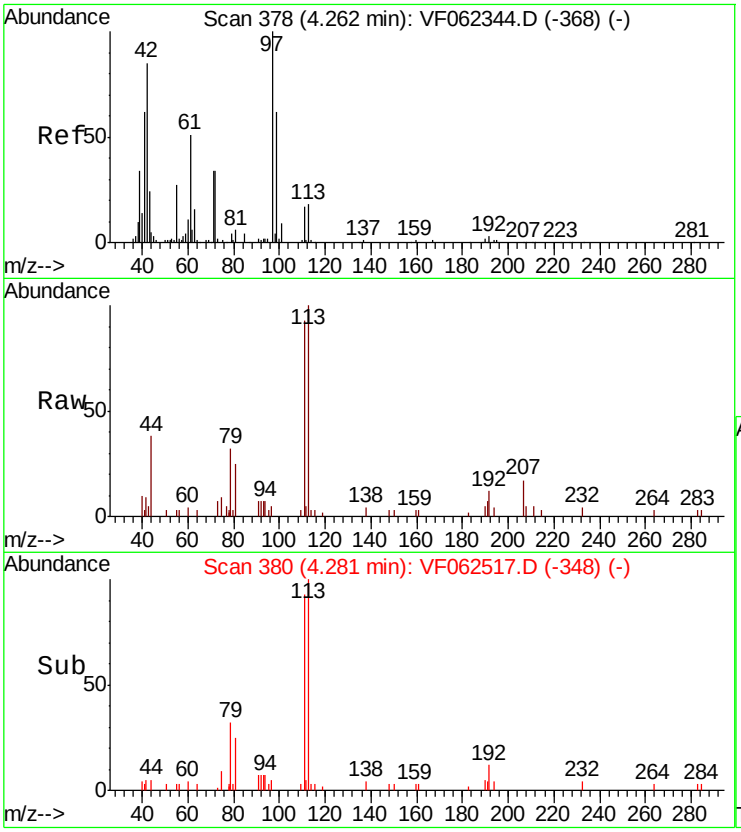


#16
Acetone
Concen: 8.126 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 43 Resp: 4543

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.1	19.7#



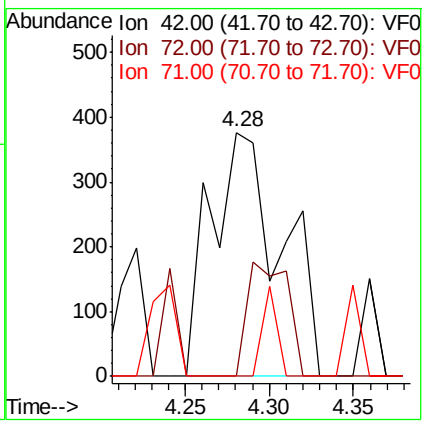


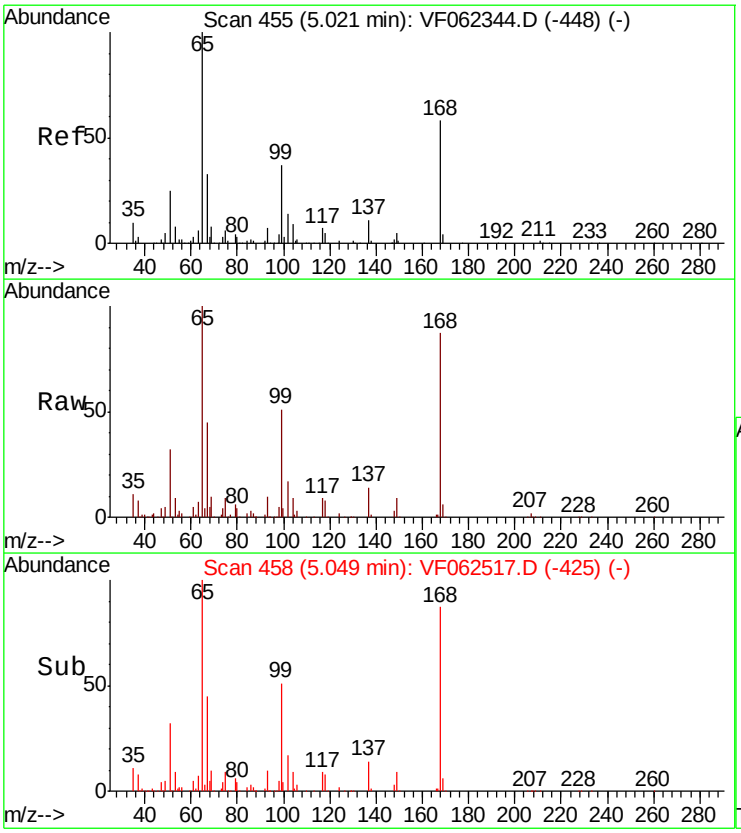
#29
Tetrahydrofuran
Concen: 3.380 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument : MSVOA_F
ClientSampleId : VF0512SBL02

Tgt Ion: 42 Resp: 1091

Ion	Ratio	Lower	Upper
42	100		
72	26.8	31.4	47.0#
71	7.6	31.7	47.5#

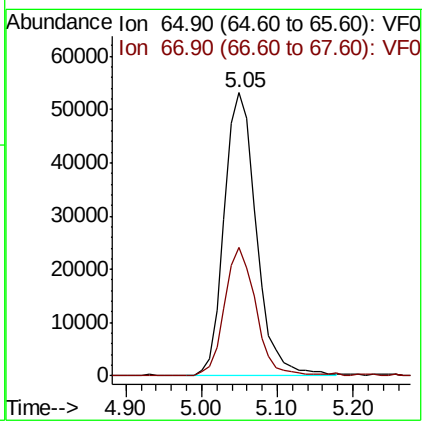


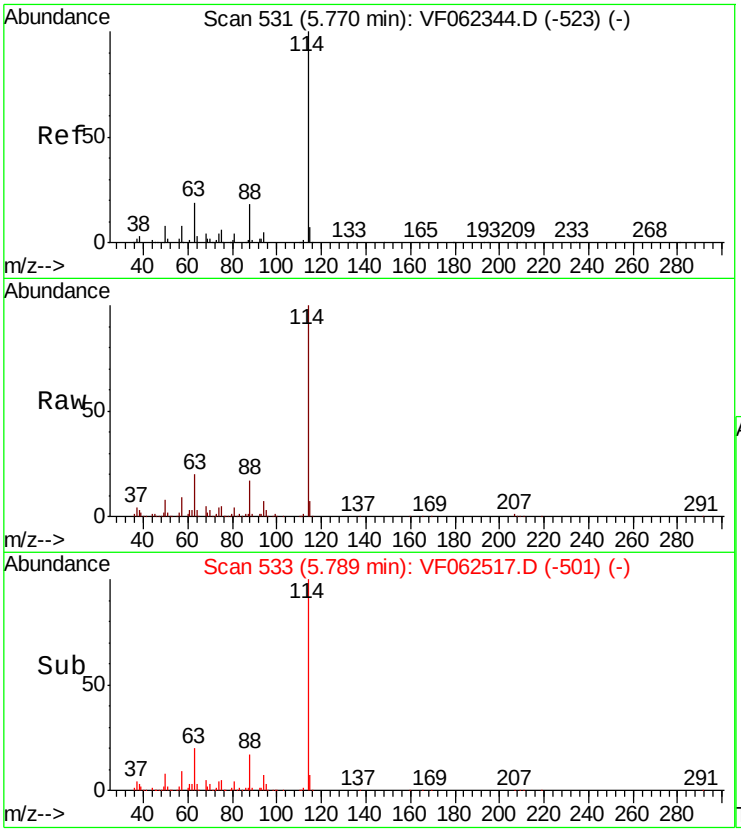


#33
1,2-Dichloroethane-d4
Concen: 56.406 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 65 Resp: 155891

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	85.8



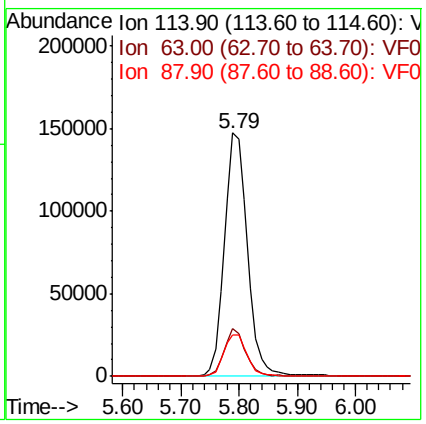


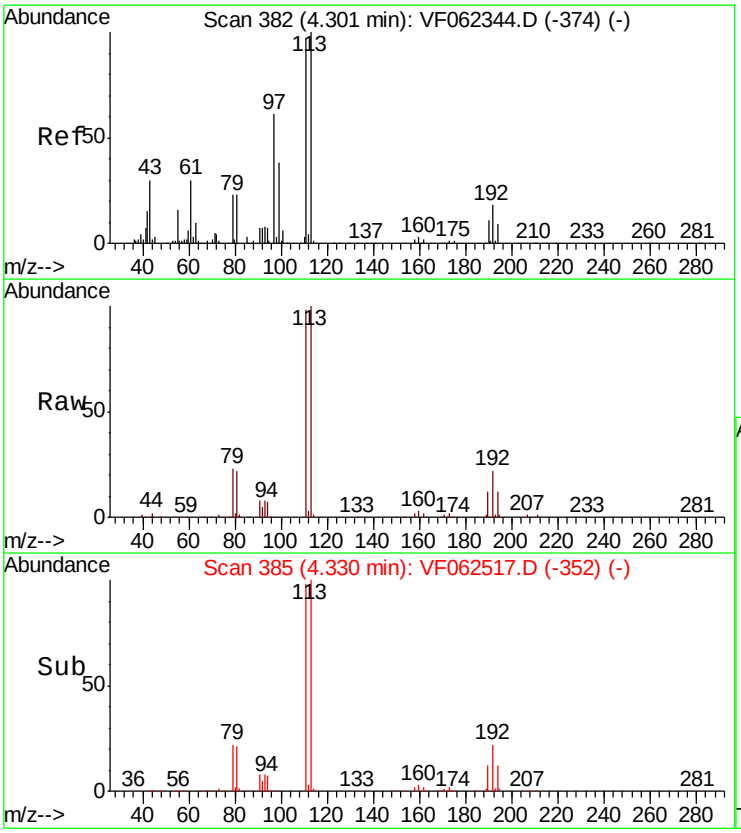
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion:114 Resp: 405721

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.4
88	16.9	0.0	36.4

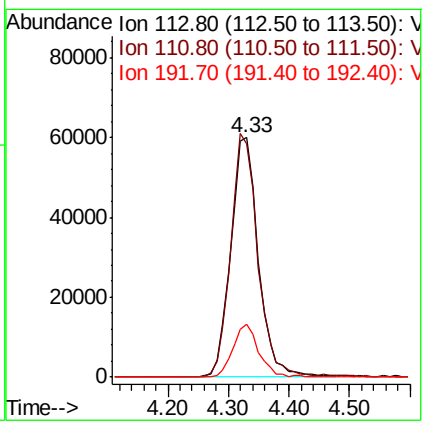


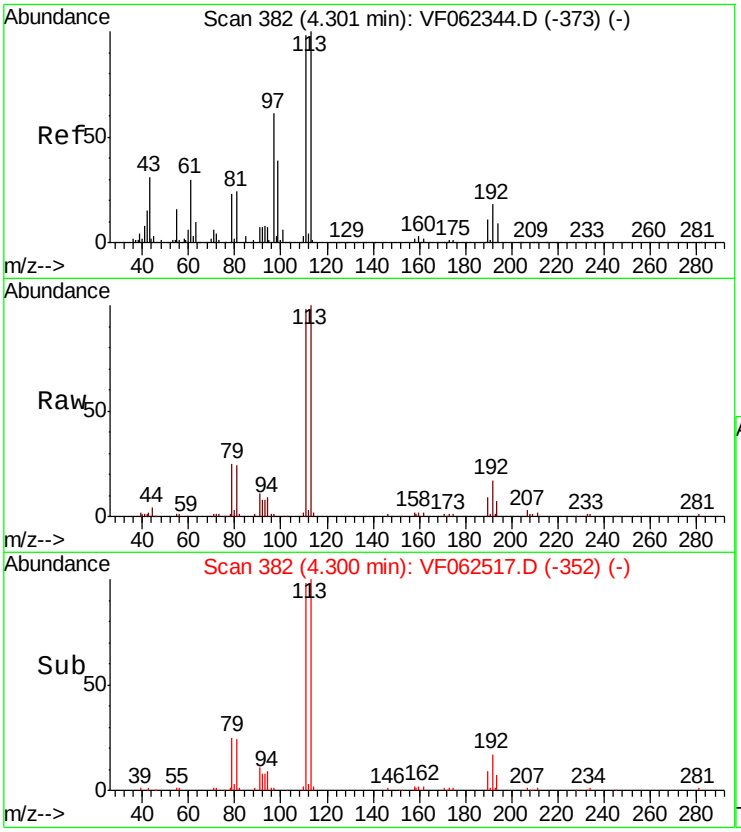


#35
Dibromofluoromethane
Concen: 58.827 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion:113 Resp: 190148

Ion	Ratio	Lower	Upper
113	100		
111	99.4	79.4	119.0
192	20.8	16.0	24.0



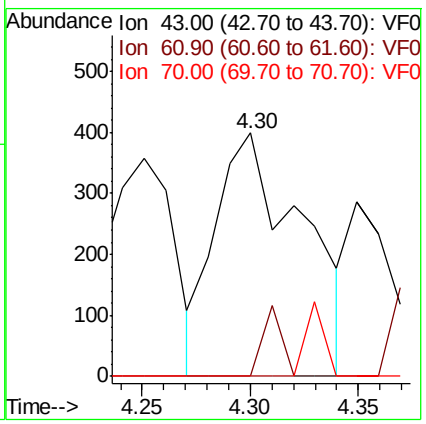


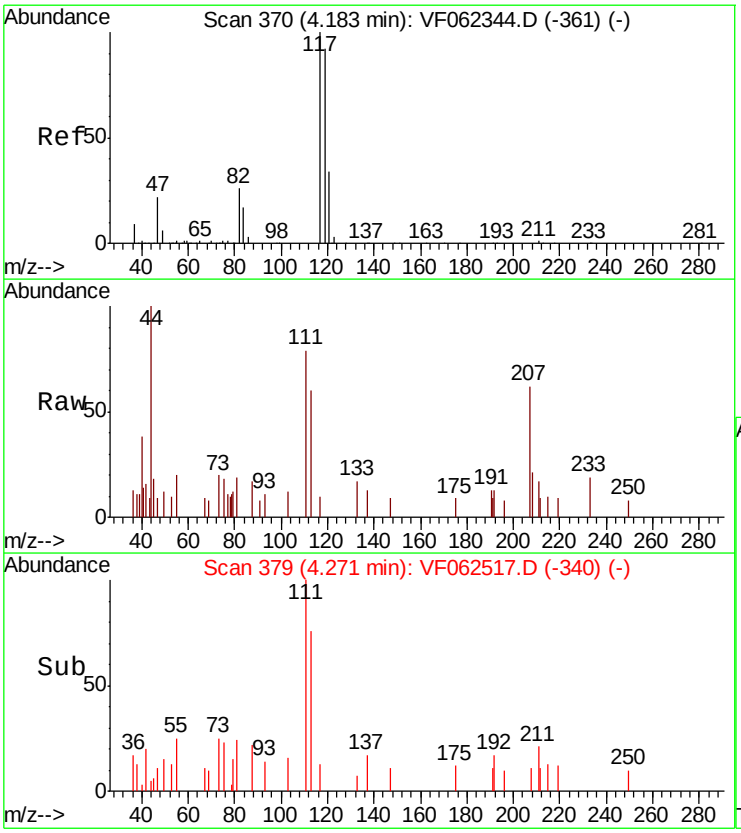
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument : MSVOA_F
ClientSampleId : VF0512SBL02

Tgt Ion: 43 Resp: 1115

Ion	Ratio	Lower	Upper
43	100		
61	6.2	0.0	0.0#
70	0.0	8.2	12.2#

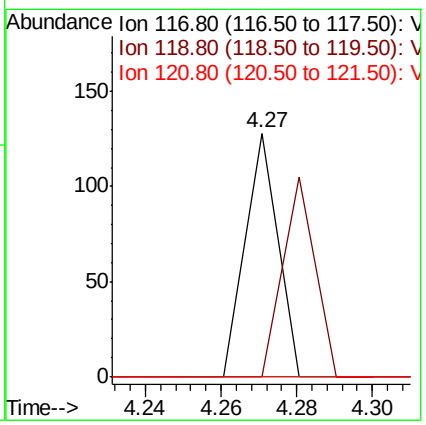


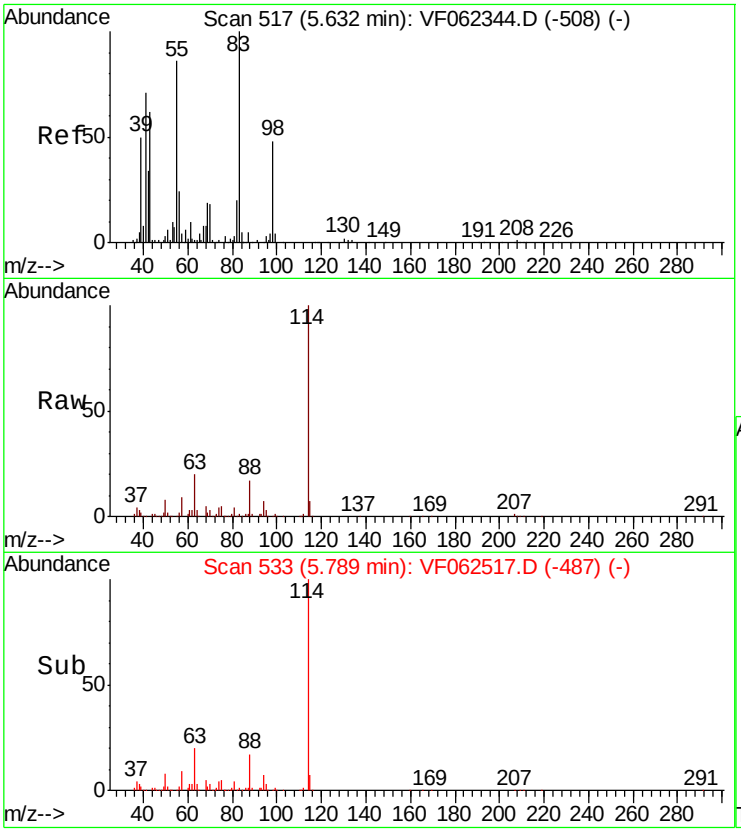


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. 0.09 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion:117 Resp: 76

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#



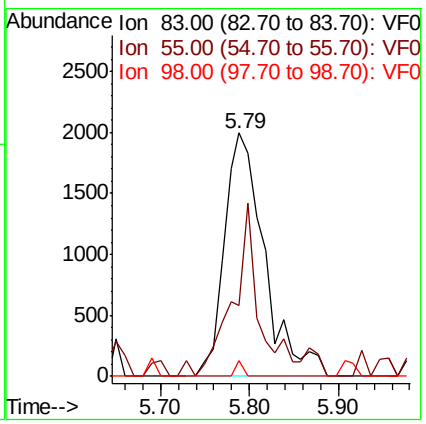


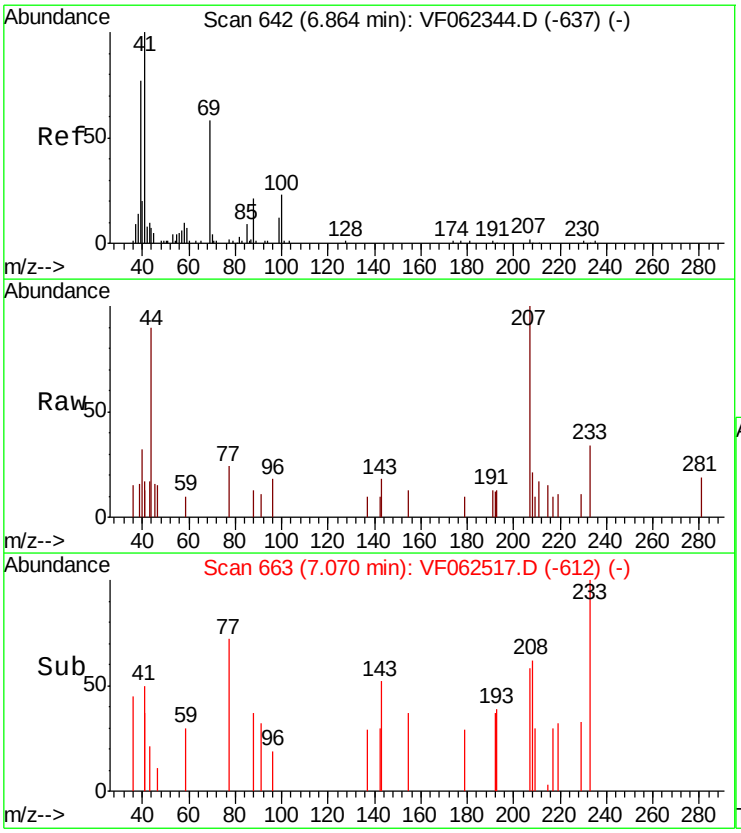
#39
Methylcyclohexane
Concen: 1.793 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.16 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion: 83 Resp: 6267

Ion	Ratio	Lower	Upper
83	100		
55	29.1	69.0	103.6#
98	6.5	38.6	58.0#

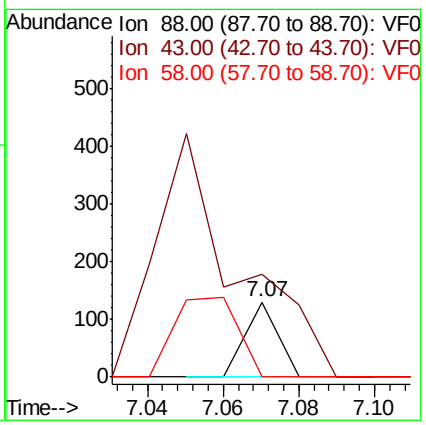


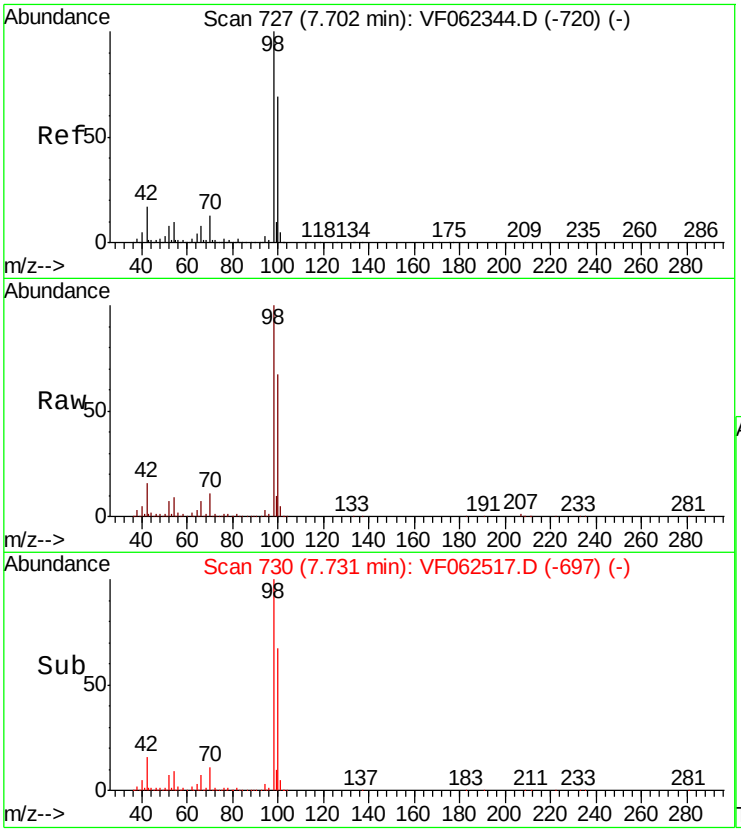


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.07 min Scan# 663
Delta R.T. 0.21 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 88 Resp: 77

Ion	Ratio	Lower	Upper
88	100		
43	824.7	55.6	83.4#
58	207.8	52.8	79.2#



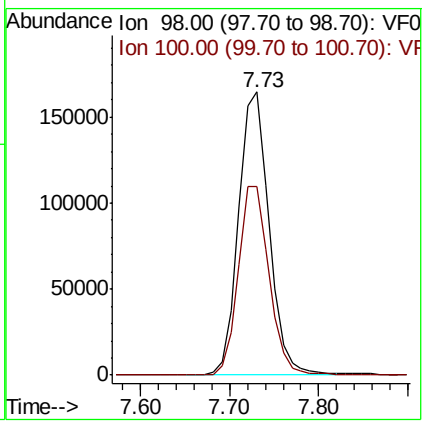


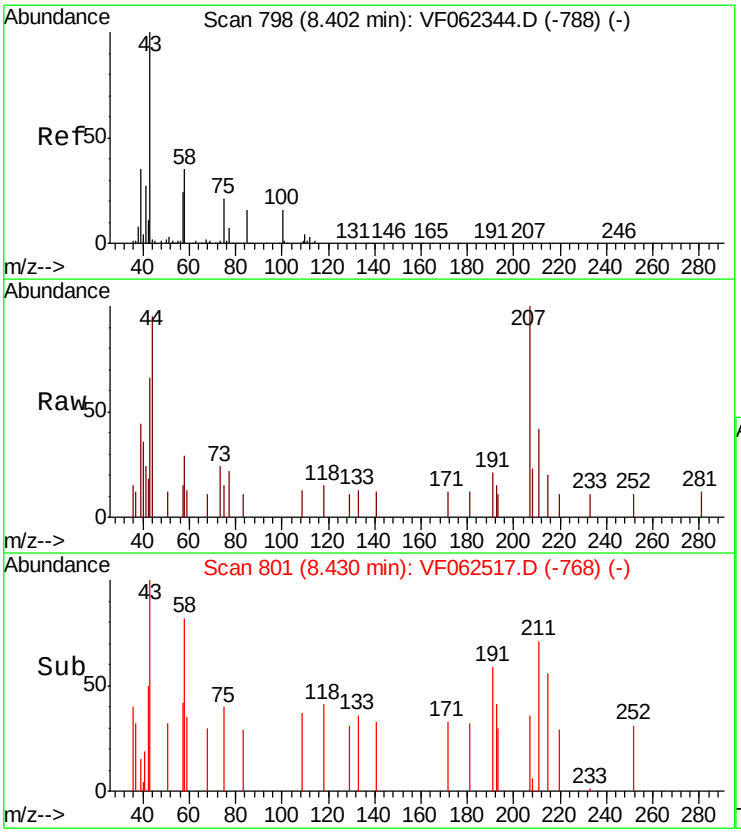
#50
Toluene-d8
Concen: 49.963 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion: 98 Resp: 390928

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9

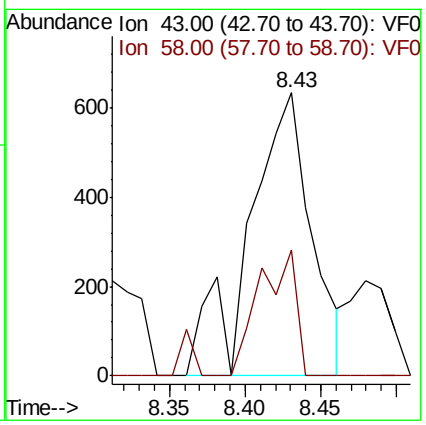


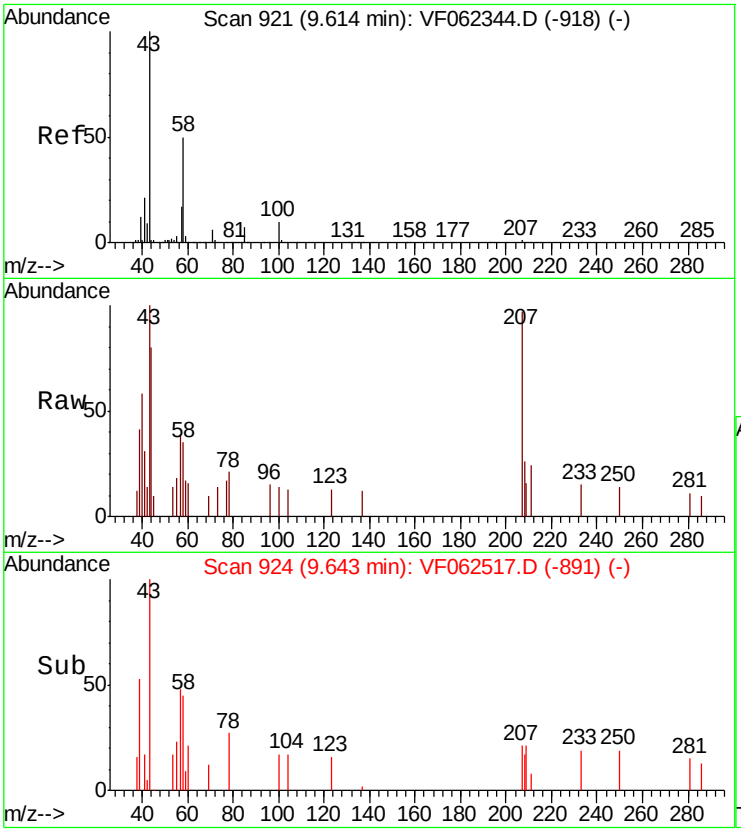


#51
4-Methyl-2-Pentanone
Concen: 1.518 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 43 Resp: 1823

Ion	Ratio	Lower	Upper
43	100		
58	26.3	27.8	41.6#



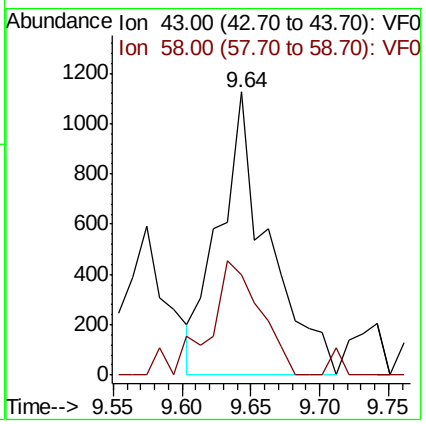


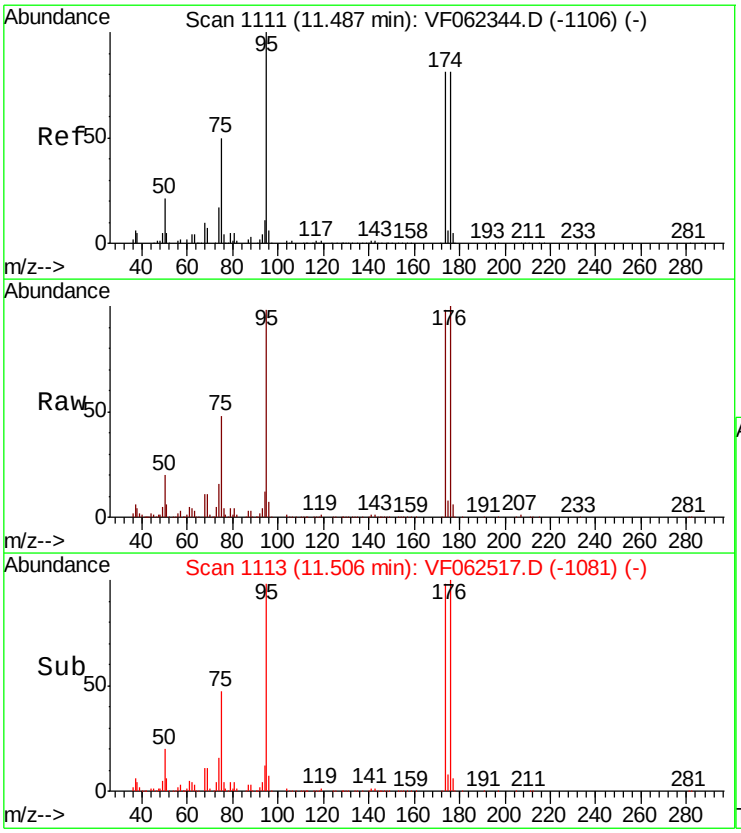
#59
2-Hexanone
Concen: 3.353 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion: 43 Resp: 2786

Ion	Ratio	Lower	Upper
43	100		
58	42.4	24.3	73.0

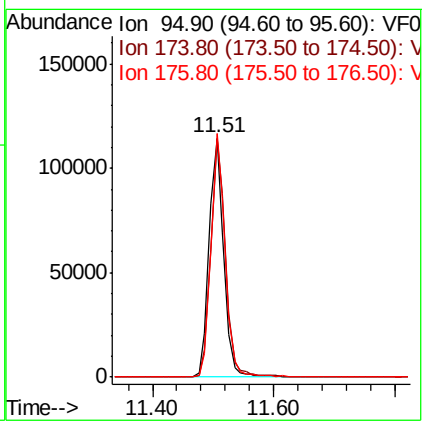


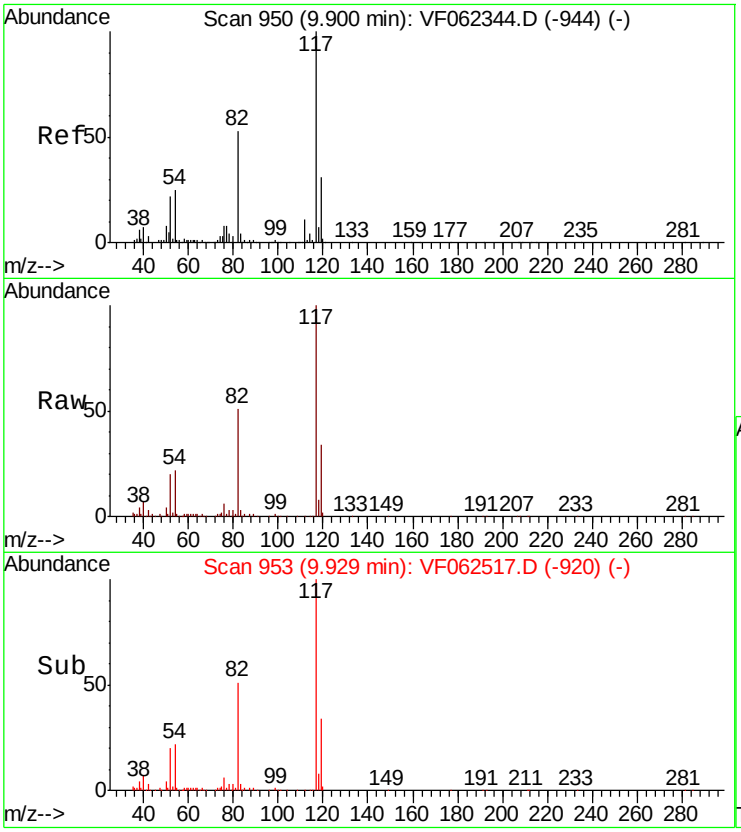


#62
4-Bromofluorobenzene
Concen: 54.468 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion: 95 Resp: 192274

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	191.8
176	98.7	0.0	193.2



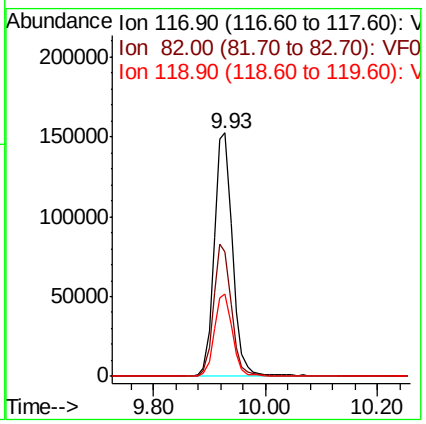


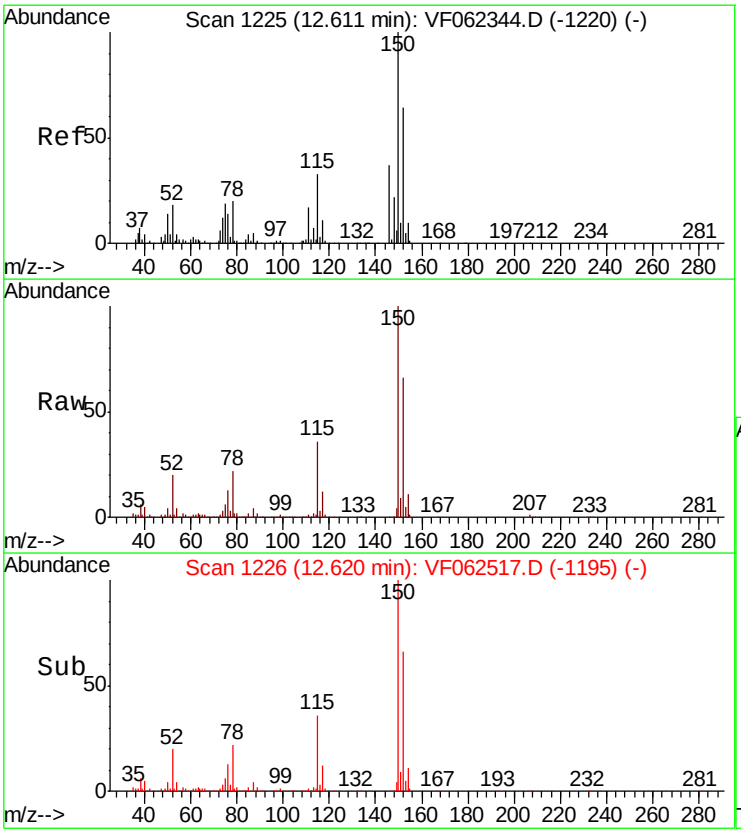
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tgt Ion:117 Resp: 350725

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.2	63.2
119	33.8	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion:152 Resp: 233999

Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	152.4	0.0	335.0