Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062523.D
Acq On : 13 May 2019 2:00
Operator : FY/SY
Sample : K2756-04RE
Misc : 6.52g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1218-01

Quant Time: May 13 04:51:16 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	301646	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	408531	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	346526	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	186536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	124277	43.60	ug/l	0.03
Spiked Amount 50.000			Recovery = 87.20%			
35) Dibromofluoromethane	4.33	113	153104	47.04	ug/l	0.03
Spiked Amount 50.000			Recovery = 94.08%			
50) Toluene-d8	7.73	98	319390	40.54	ug/l	0.03
Spiked Amount 50.000			Recovery = 81.08%			
62) 4-Bromofluorobenzene	11.51	95	140190	39.44	ug/l	0.02
Spiked Amount 50.000			Recovery = 78.88%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	182	Below Cal	#	42
11) Tert butyl alcohol	2.73	59	875	5.431 ug/l	#	1
13) Acrolein	2.14	56	911	Below Cal	#	13
15) Acrylonitrile	3.10	53	738	2.418 ug/l	#	30
16) Acetone	2.35	43	8991	15.591 ug/l	#	76
18) Methyl Acetate	2.48	43	789	Below Cal	#	41
25) 2-Butanone	4.56	43	954	1.317 ug/l	#	60
29) Tetrahydrofuran	4.31	42	684	2.054 ug/l	#	53
37) Ethyl Acetate	4.32	43	257	Below Cal	#	73
38) Carbon Tetrachloride	4.22	117	61	Below Cal	#	14
39) Methylcyclohexane	5.79	83	6951	1.975 ug/l	#	33
49) 1,4-Dioxane	6.86	88	69	Below Cal	#	1
59) 2-Hexanone	9.64	43	1416	1.693 ug/l	#	28

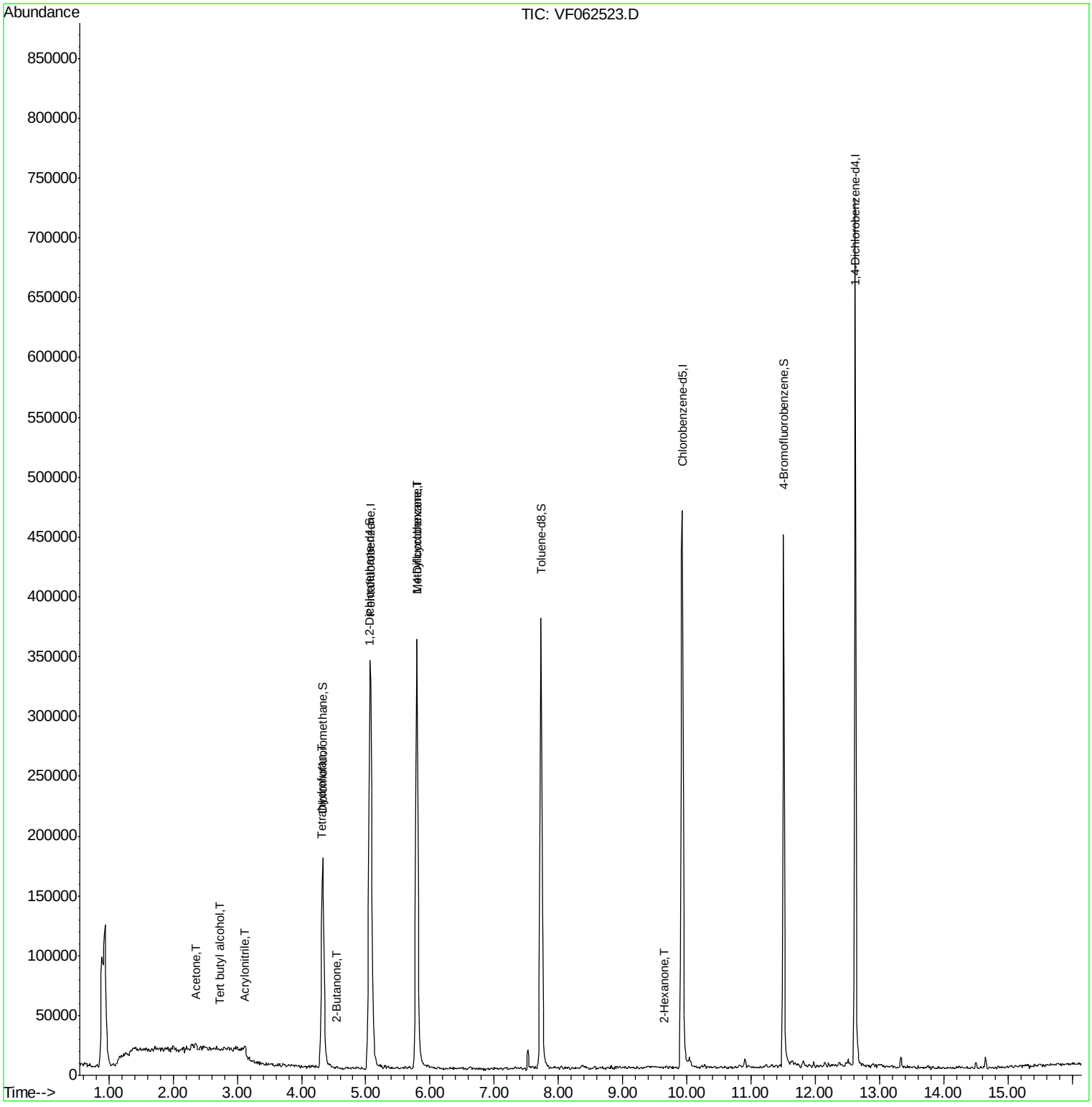
(#) = qualifier out of range (m) = manual integration (+) = signals summed

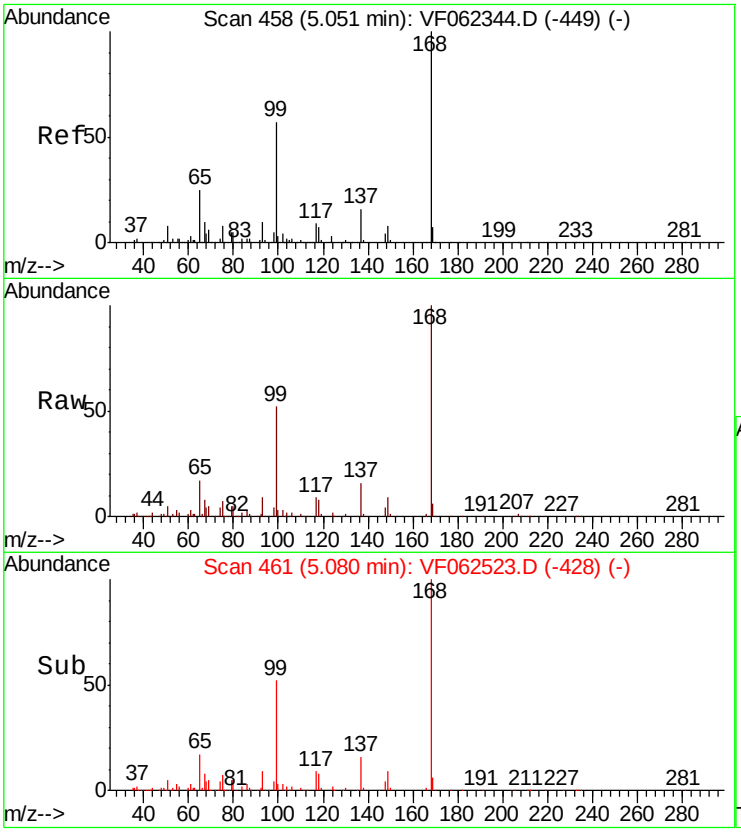
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062523.D
Acq On : 13 May 2019 2:00
Operator : FY/SY
Sample : K2756-04RE
Misc : 6.52g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Quant Time: May 13 04:51:16 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



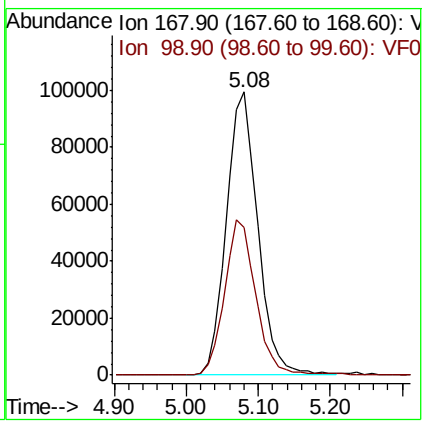


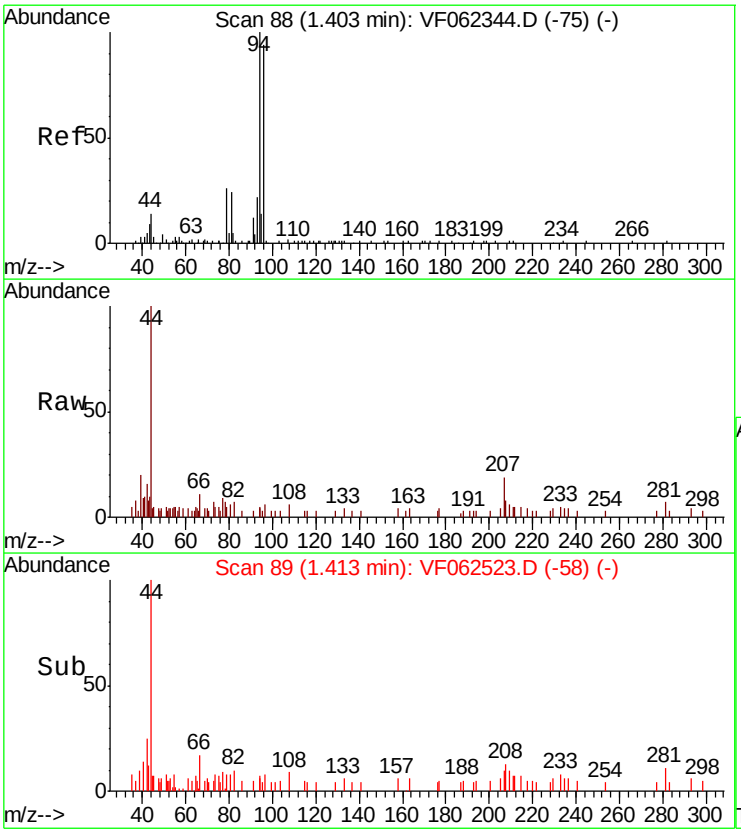
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:168 Resp: 301646

Ion	Ratio	Lower	Upper
168	100		
99	52.3	45.9	68.9

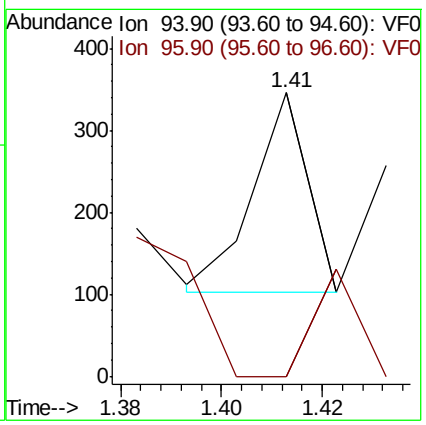


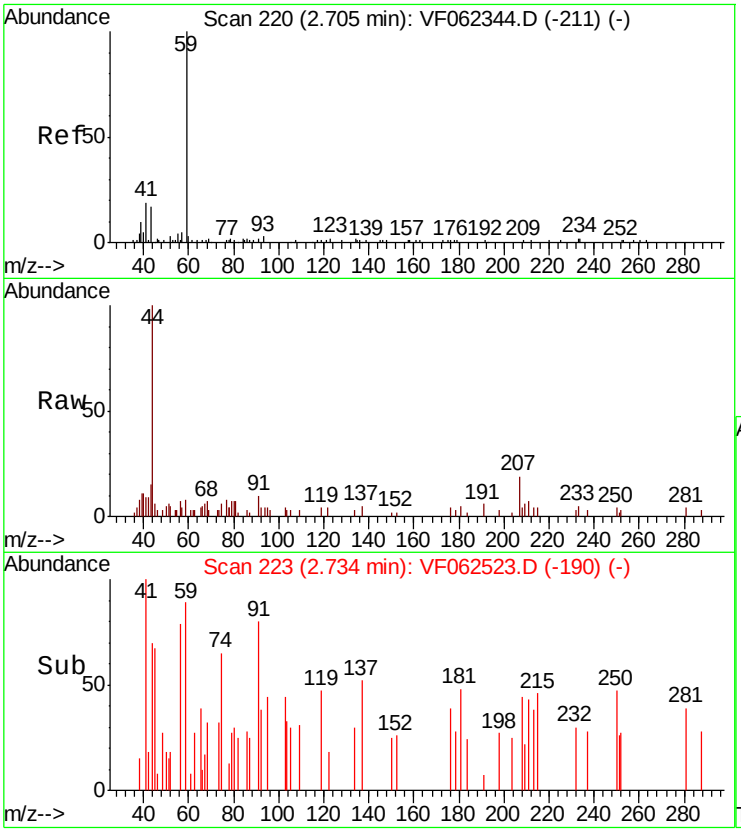


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 94 Resp: 182

Ion	Ratio	Lower	Upper
94	100		
96	38.7	75.4	113.2#



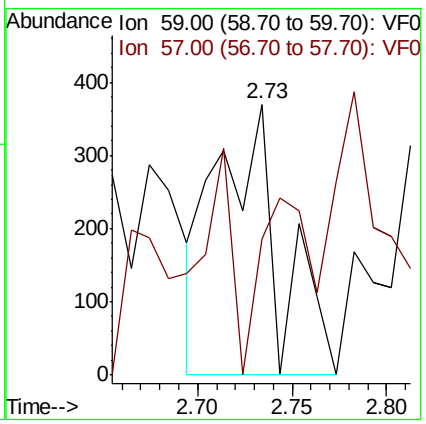


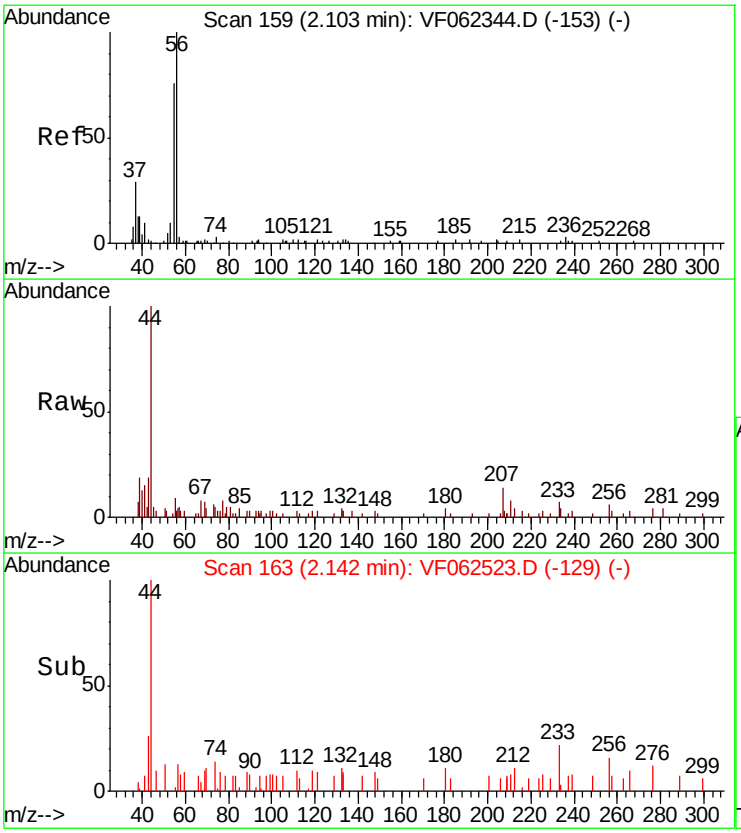
#11
Tert butyl alcohol
Concen: 5.431 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1218-01

Tgt Ion: 59 Resp: 875

Ion	Ratio	Lower	Upper
59	100		
57	51.7	9.3	13.9#

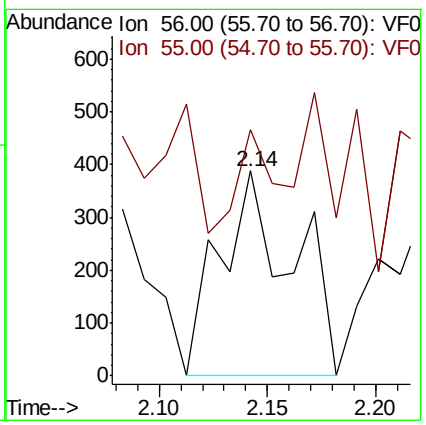


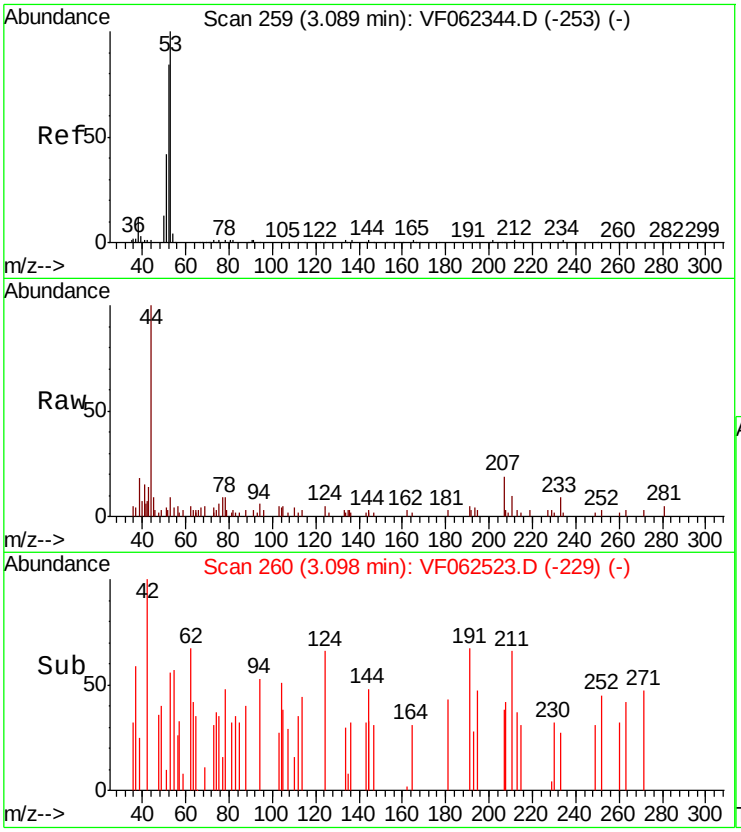


#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.04 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 56 Resp: 911

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



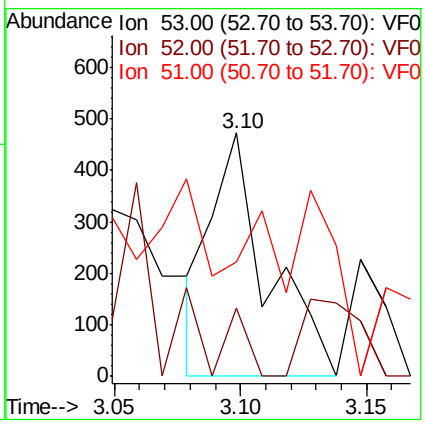


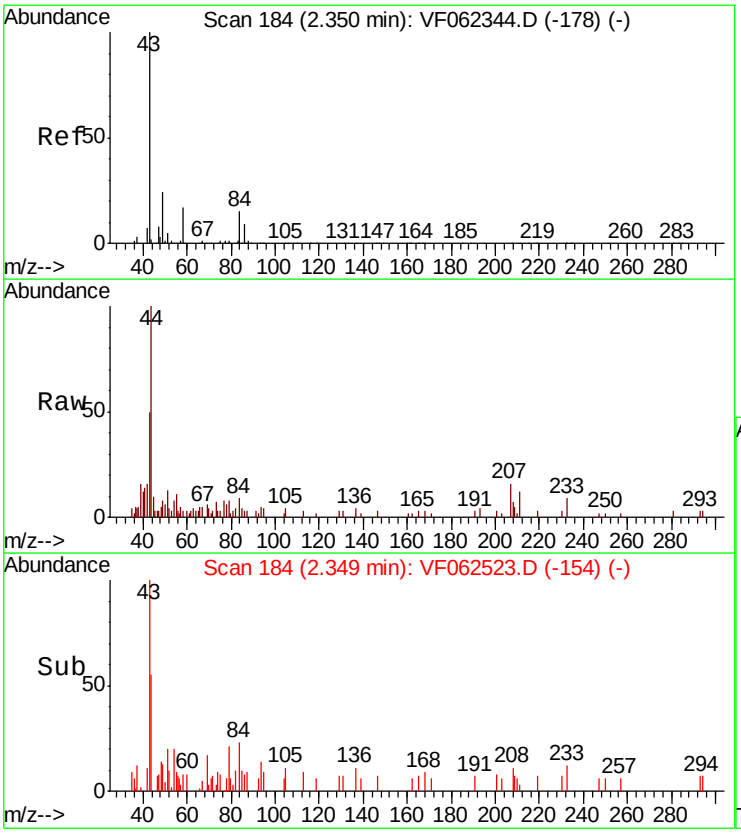
#15
Acrylonitrile
Concen: 2.418 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1218-01

Tgt Ion: 53 Resp: 738

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	38.9	40.6	61.0#

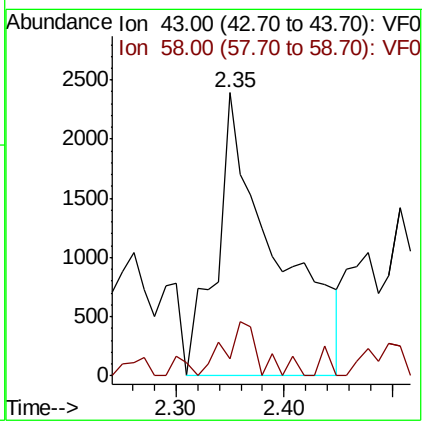


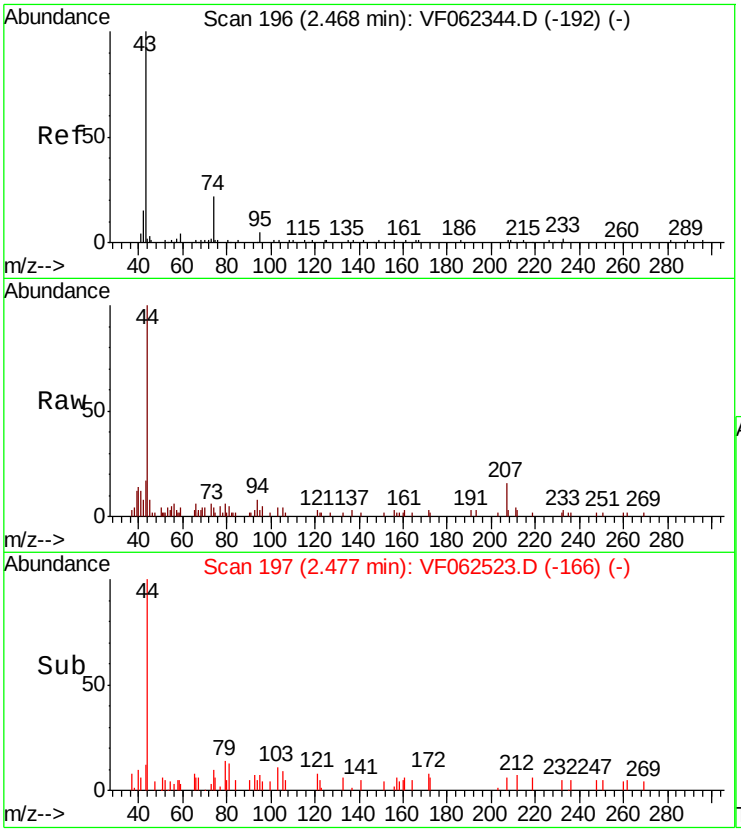


#16
Acetone
Concen: 15.591 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 43 Resp: 8991

Ion	Ratio	Lower	Upper
43	100		
58	6.0	13.1	19.7#



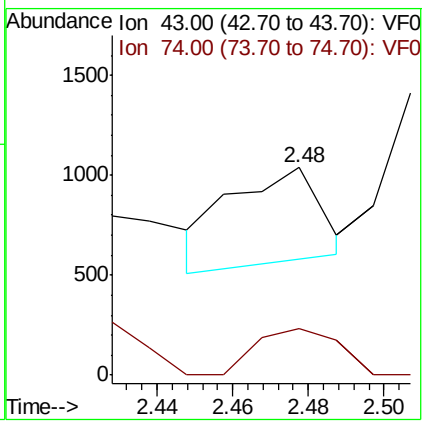


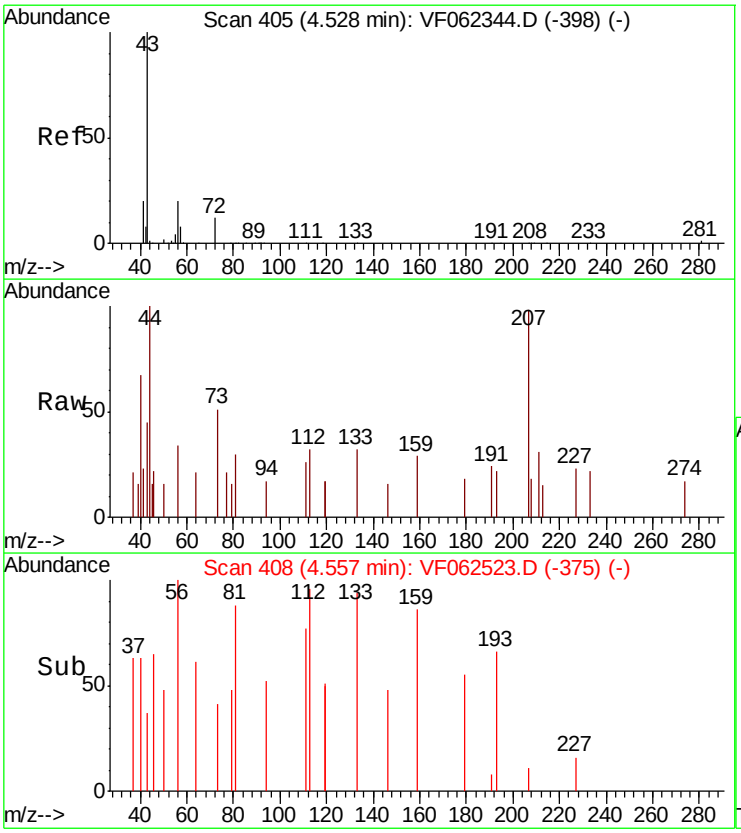
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1218-01

Tgt Ion: 43 Resp: 789

Ion	Ratio	Lower	Upper
43	100		
74	45.1	15.0	22.4#

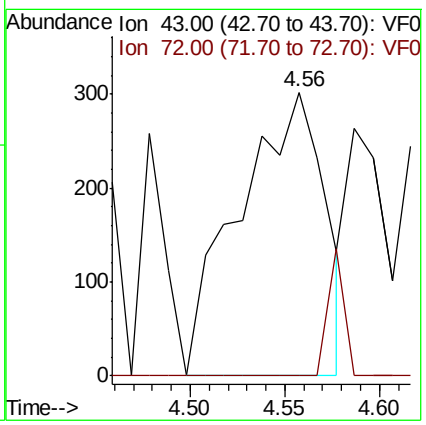


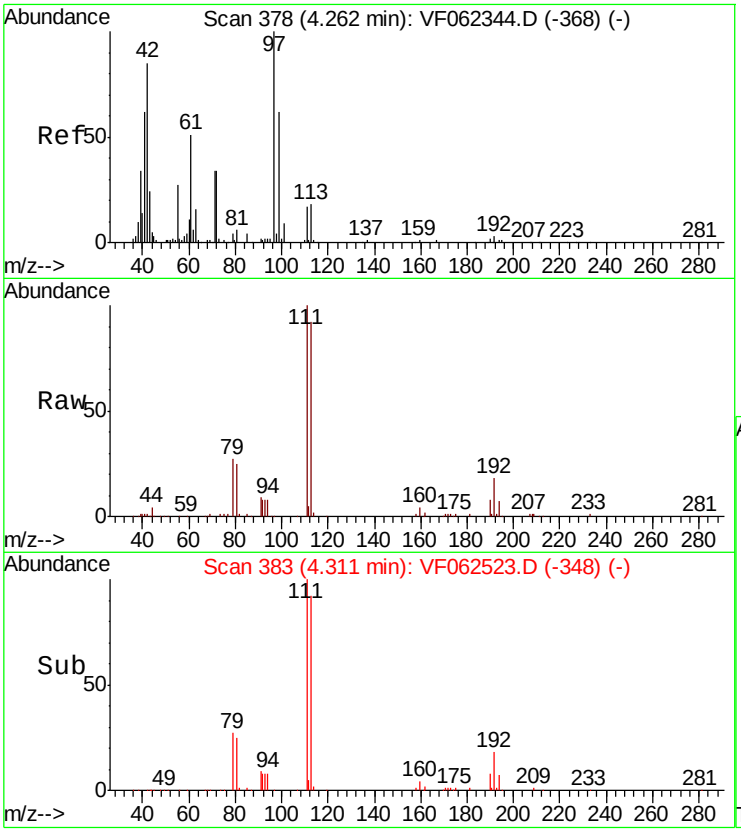


#25
2-Butanone
Concen: 1.317 ug/l
RT: 4.56 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



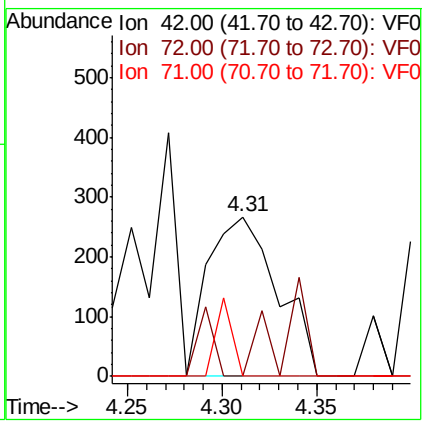


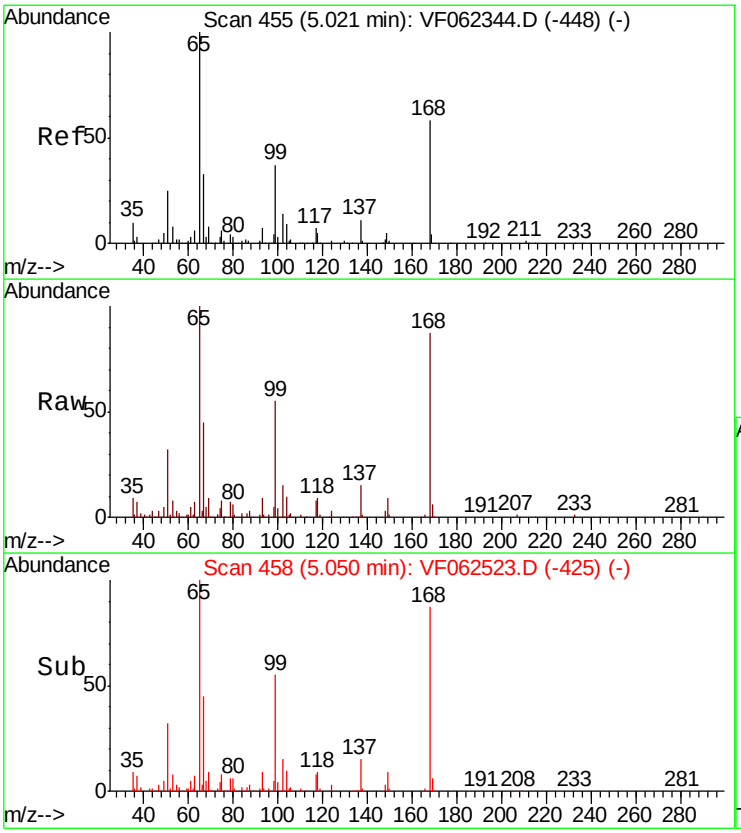
#29
Tetrahydrofuran
Concen: 2.054 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.05 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 42 Resp: 684

Ion	Ratio	Lower	Upper
42	100		
72	10.1	31.4	47.0#
71	11.4	31.7	47.5#

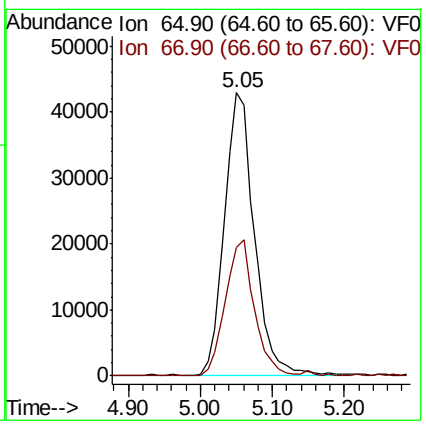


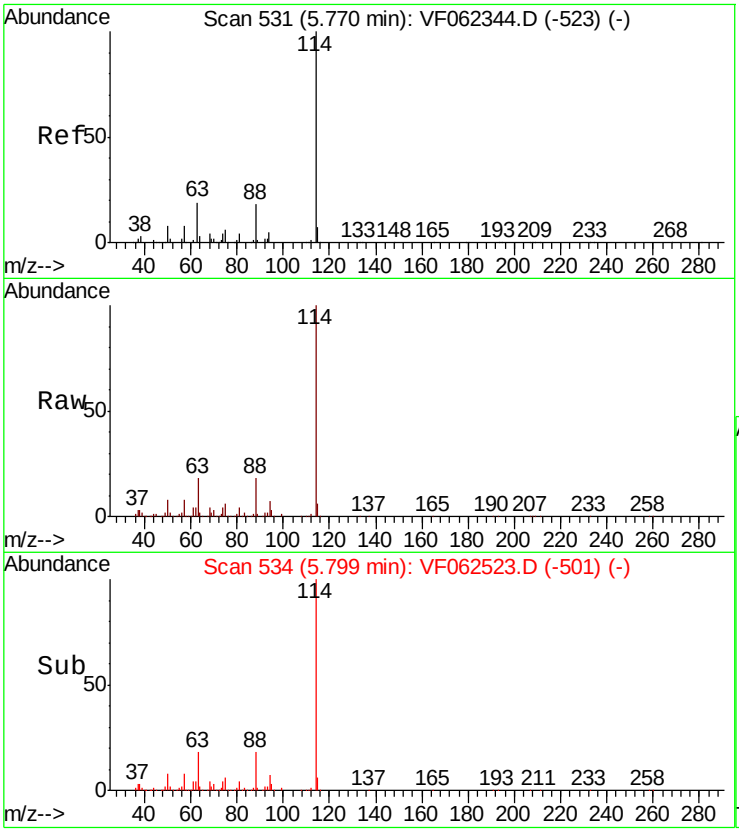


#33
1,2-Dichloroethane-d4
Concen: 43.596 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 65 Resp: 124277

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	85.8



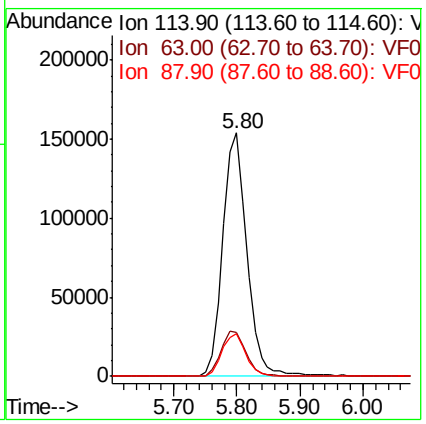


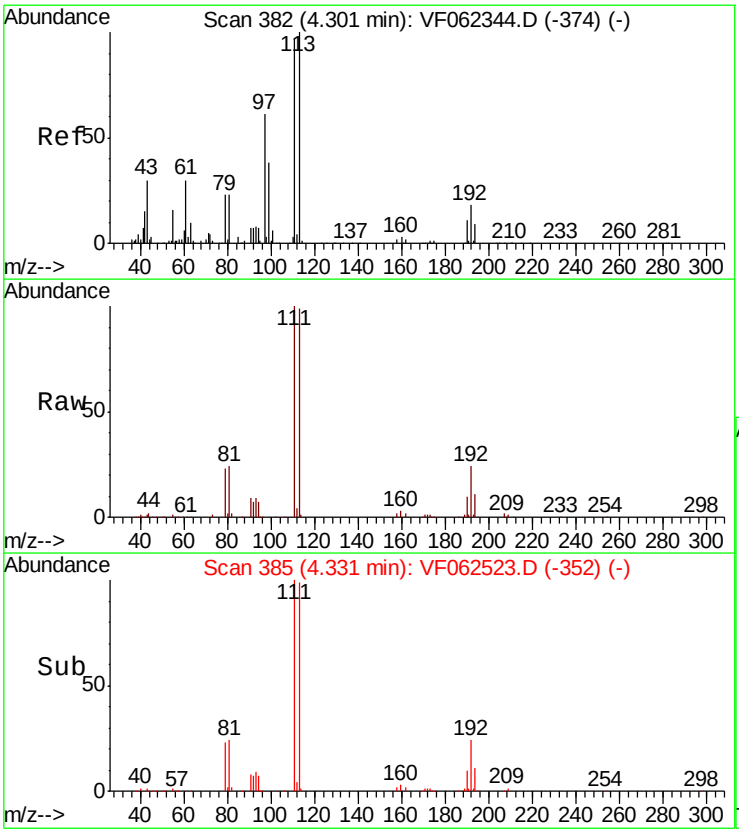
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:114 Resp: 408531

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.4
88	17.5	0.0	36.4

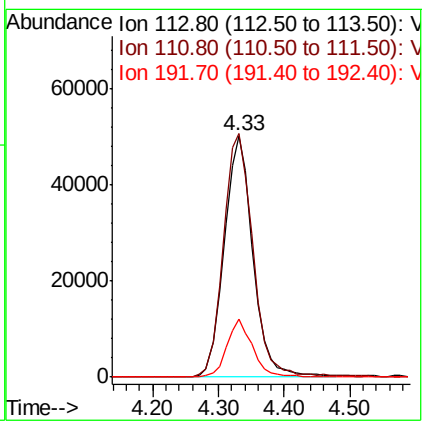


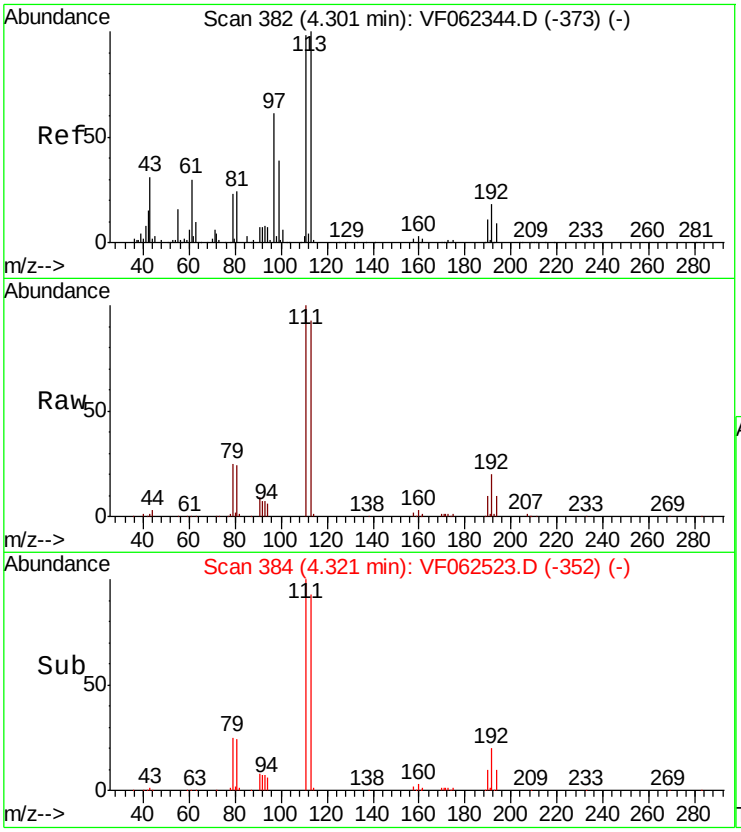


#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion:113 Resp: 153104

Ion	Ratio	Lower	Upper
113	100		
111	104.6	79.4	119.0
192	21.6	16.0	24.0



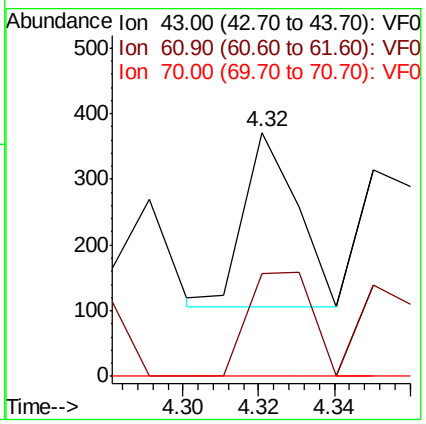


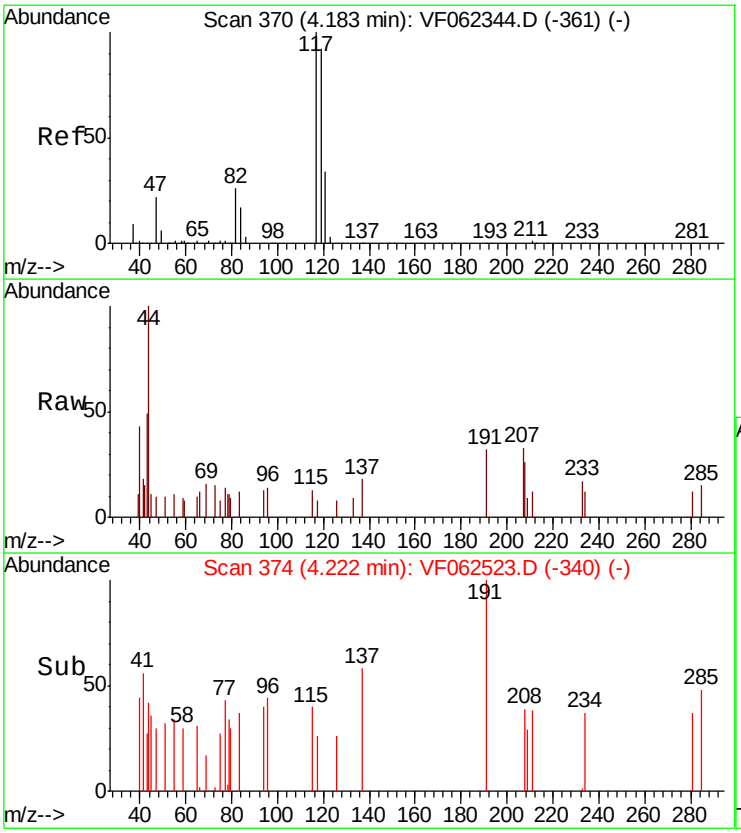
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 43 Resp: 257

Ion	Ratio	Lower	Upper
43	100		
61	72.4	0.0	0.0#
70	0.0	8.2	12.2#

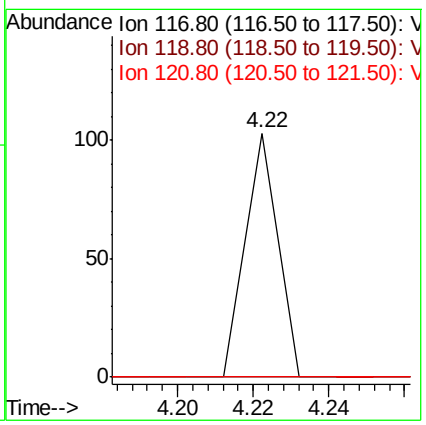


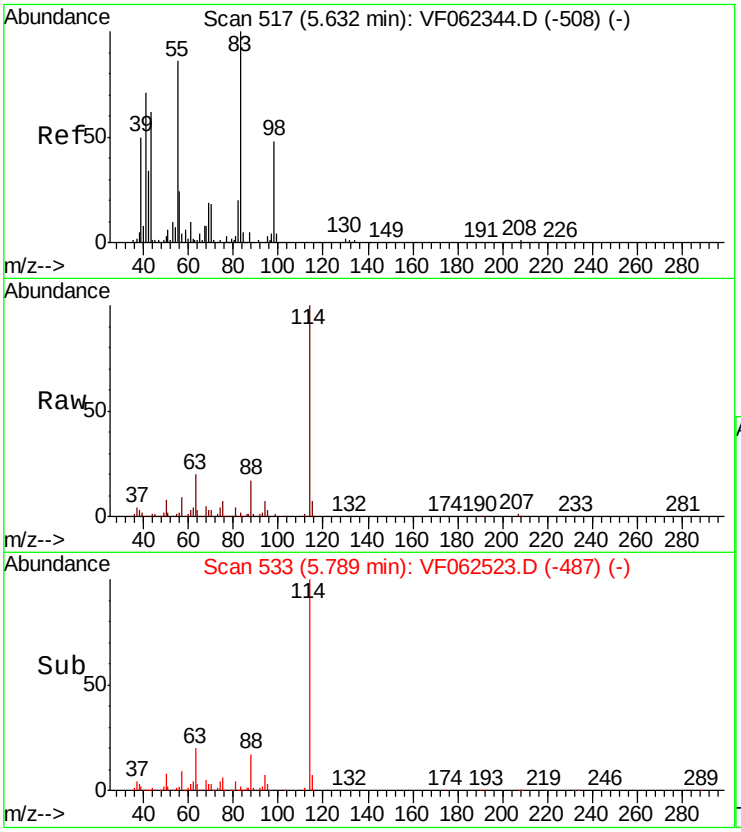


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.04 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion:117 Resp: 61

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



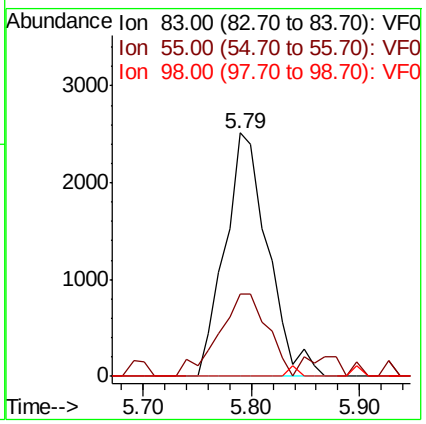


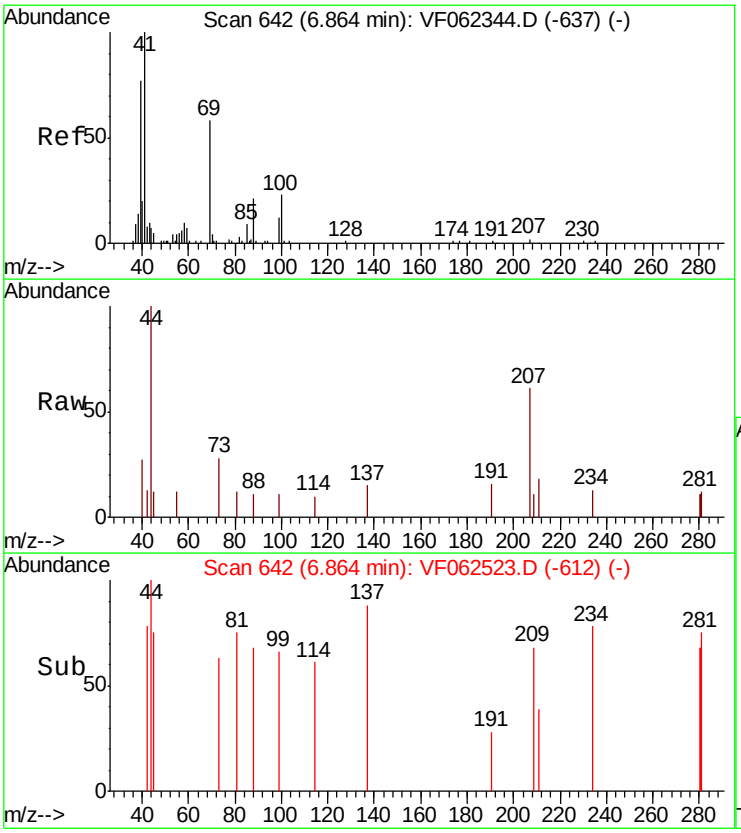
#39
Methylcyclohexane
Concen: 1.975 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.16 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 83 Resp: 6951

Ion	Ratio	Lower	Upper
83	100		
55	26.6	69.0	103.6#
98	0.0	38.6	58.0#

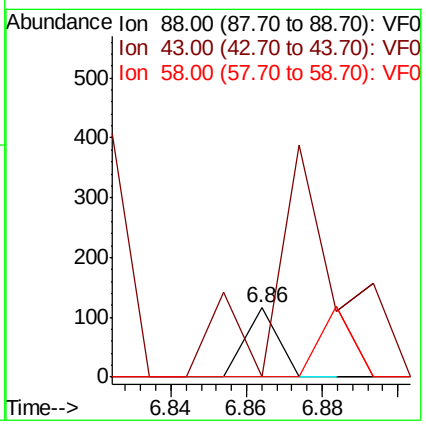


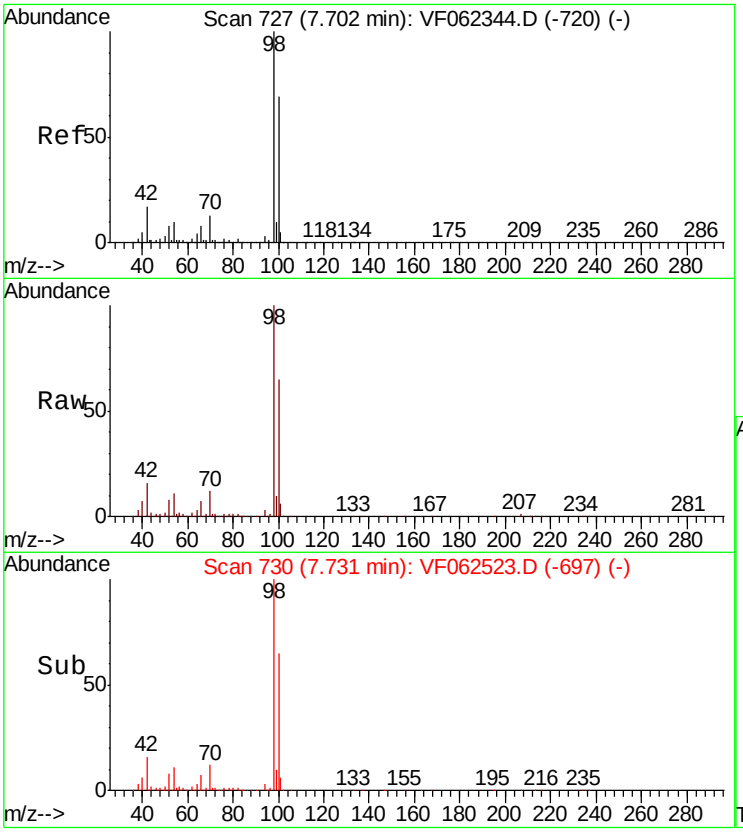


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.00 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	682.6	55.6	83.4#
58	101.4	52.8	79.2#



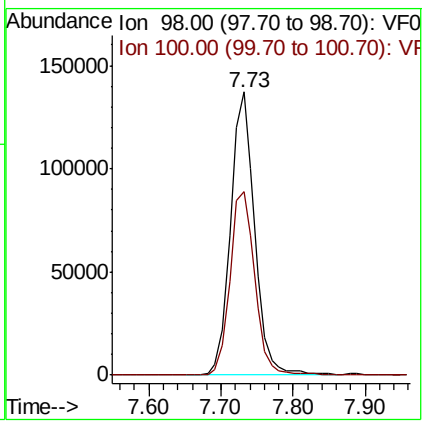


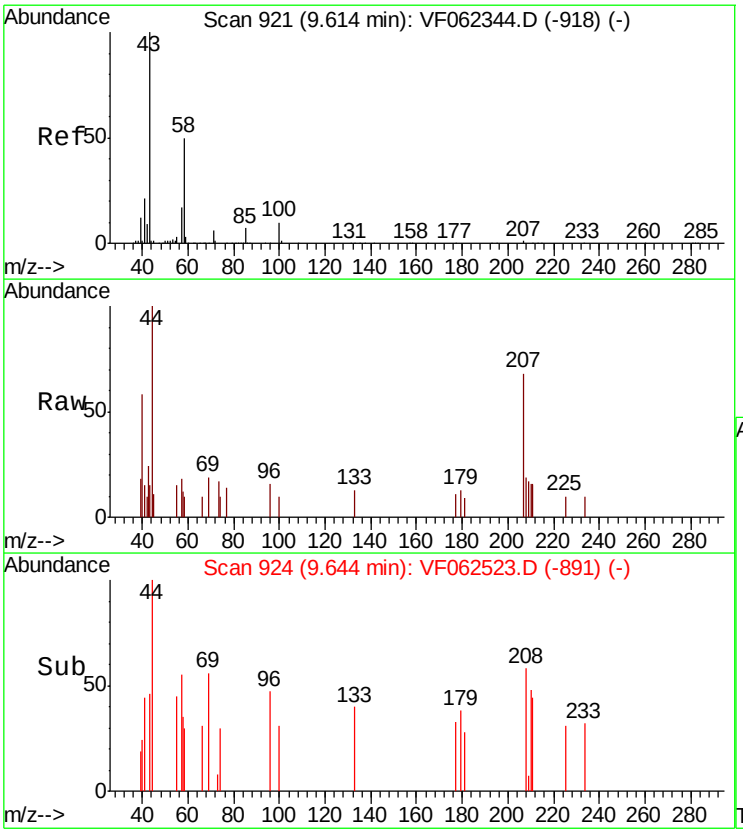
#50
Toluene-d8
Concen: 40.540 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 98 Resp: 319390

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9

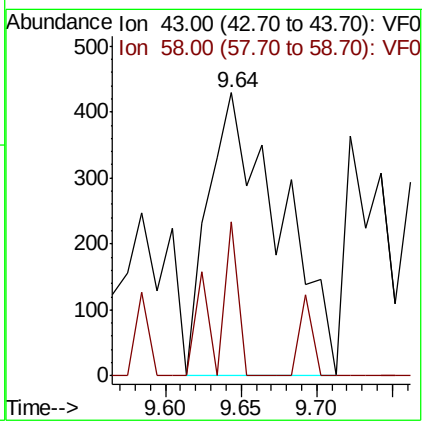


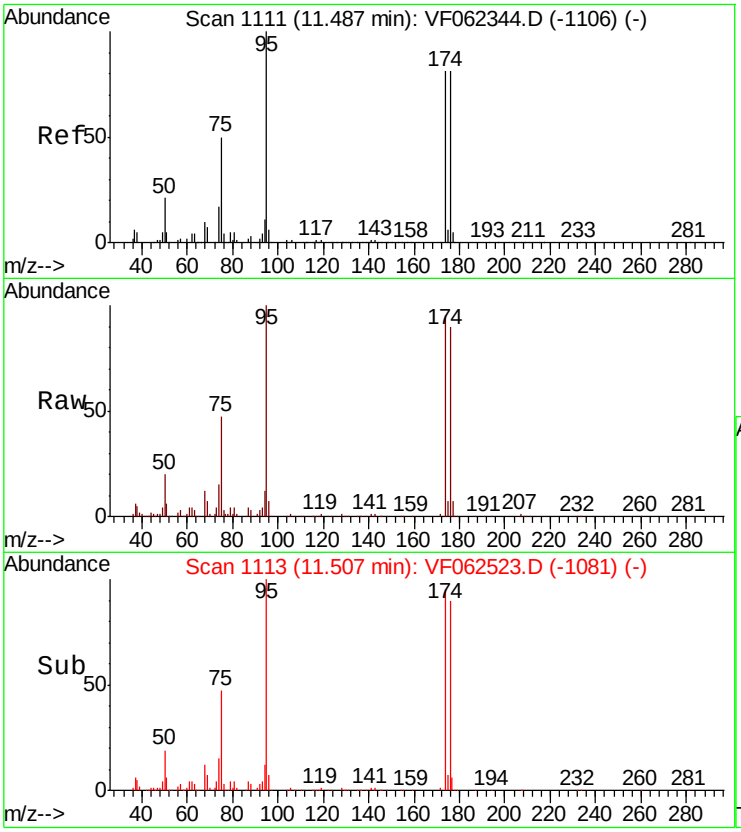


#59
2-Hexanone
Concen: 1.693 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion: 43 Resp: 1416

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.3	73.0#



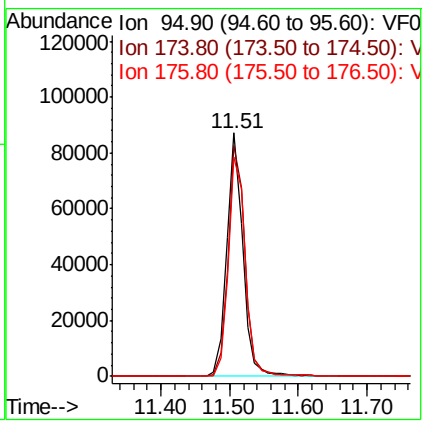


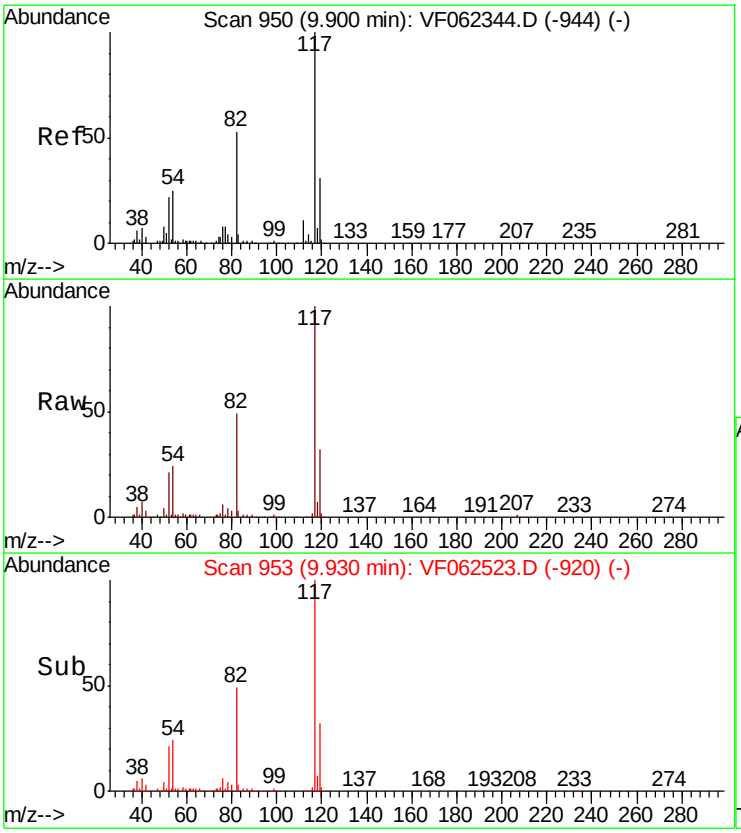
#62
4-Bromofluorobenzene
Concen: 39.440 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion: 95 Resp: 140190

Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	191.8
176	95.3	0.0	193.2

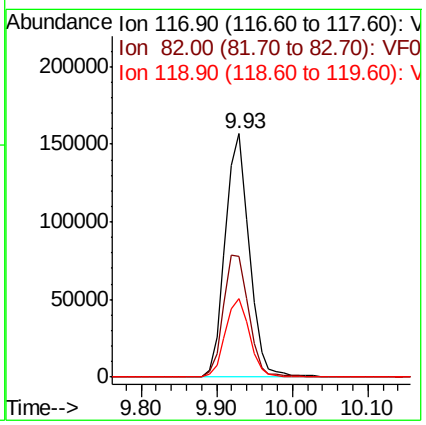


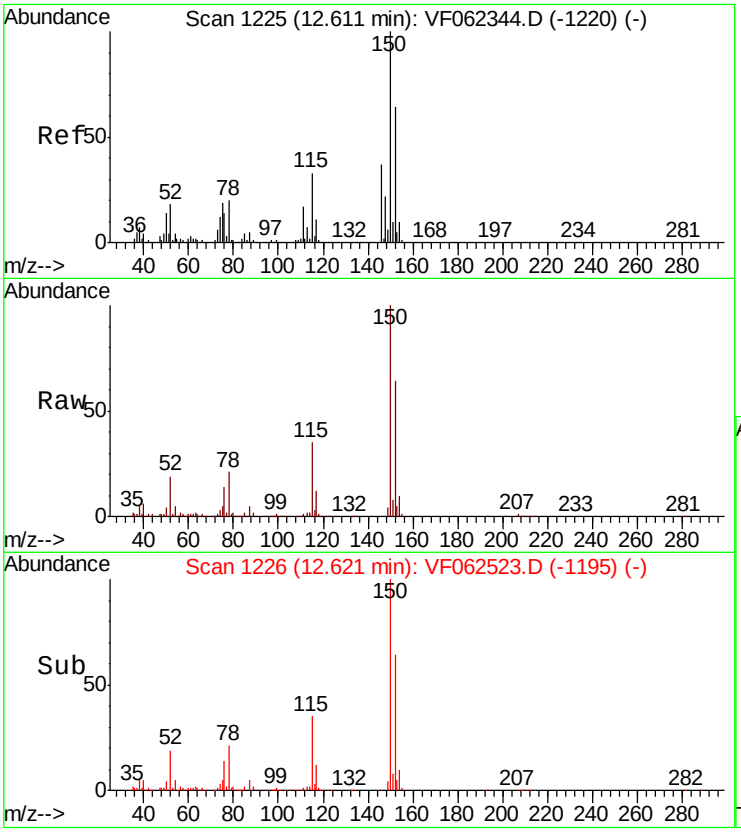


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062523.D
Acq: 13 May 2019 2:00

Tgt Ion:117 Resp: 346526

Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.2	63.2
119	32.4	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: VF062523.D
Acq: 13 May 2019 2:00

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1218-01

Tgt Ion:152 Resp: 186536

Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.4	79.2
150	154.2	0.0	335.0