Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062554.D
Acq On : 13 May 2019 21:03
Operator : FY/SY
Sample : K2733-10RE
Misc : 6.55g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS002-0206-01RE

Quant Time: May 14 07:04:51 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	5.07	168	265686	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	344721	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	254365	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	115530	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	107222	42.70	ug/l	0.02
Spiked Amount 50.000			Recovery = 85.40%			
35) Dibromofluoromethane	4.32	113	123791	45.07	ug/l	0.01
Spiked Amount 50.000			Recovery = 90.14%			
50) Toluene-d8	7.73	98	228401	34.36	ug/l	0.02
Spiked Amount 50.000			Recovery = 68.72%			
62) 4-Bromofluorobenzene	11.50	95	86124	28.71	ug/l	0.01
Spiked Amount 50.000			Recovery = 57.42%			
Target Compounds						Qvalue
5) Bromomethane	1.42	94	284	Below Cal	#	10
11) Tert butyl alcohol	2.72	59	475	3.347	ug/l #	1
13) Acrolein	2.08	56	595	Below Cal	#	77
16) Acetone	2.34	43	12292	24.200	ug/l #	87
18) Methyl Acetate	2.44	43	642	Below Cal	#	1
25) 2-Butanone	4.55	43	2204	3.454	ug/l	96
37) Ethyl Acetate	4.29	43	733	Below Cal	#	73
38) Carbon Tetrachloride	4.17	117	74	Below Cal	#	14
39) Methylcyclohexane	5.78	83	5752	1.937	ug/l #	38
41) Methacrylonitrile	4.94	41	748	1.053	ug/l #	8
49) 1,4-Dioxane	6.80	88	67	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.42	43	1166	1.142	ug/l #	67

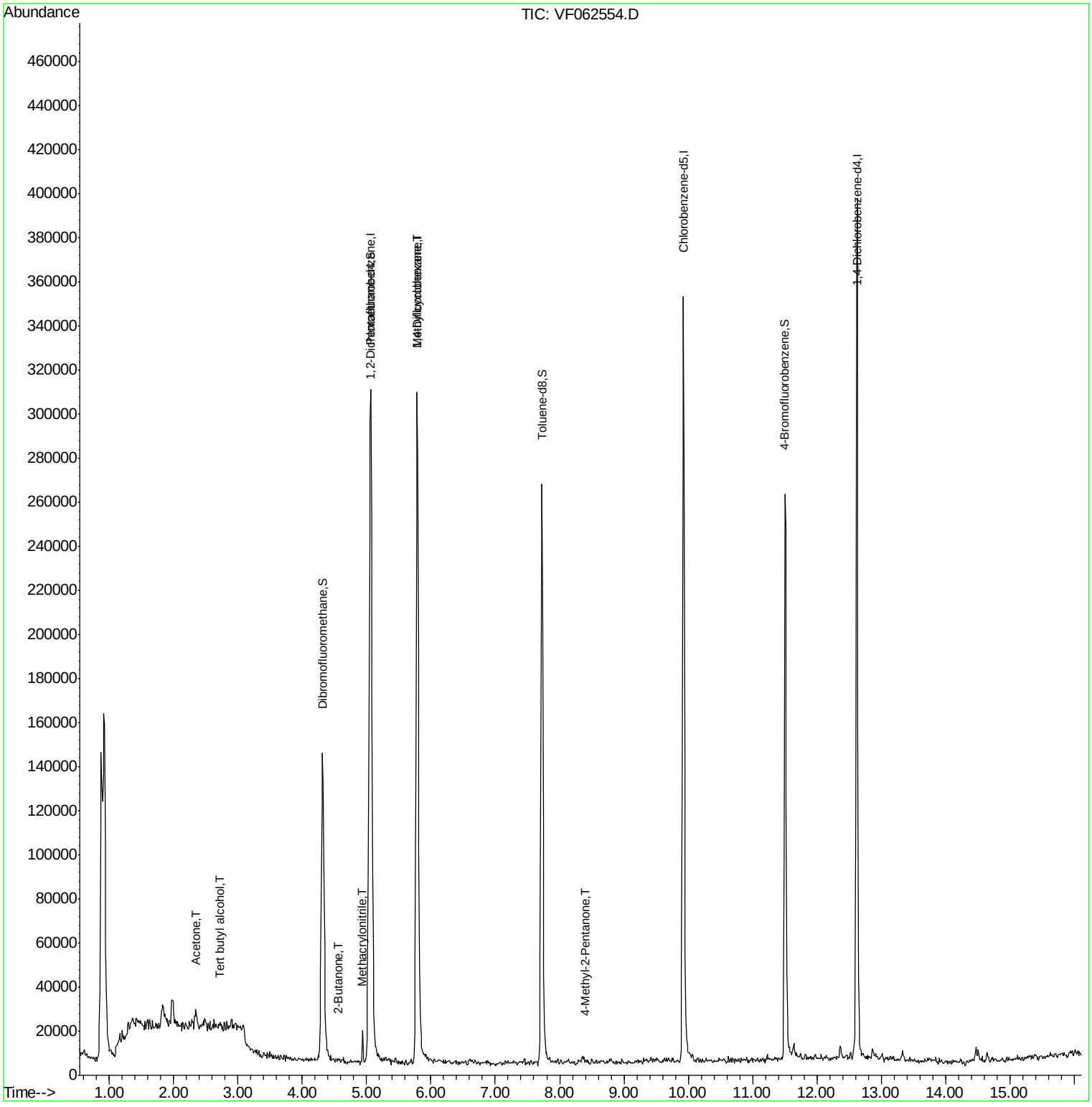
(#) = qualifier out of range (m) = manual integration (+) = signals summed

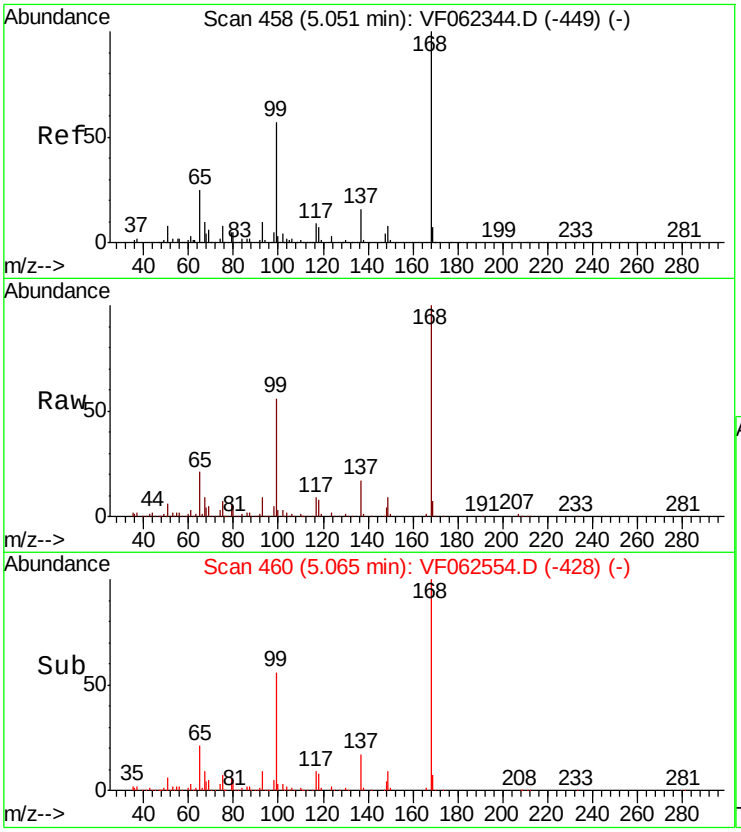
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062554.D
Acq On : 13 May 2019 21:03
Operator : FY/SY
Sample : K2733-10RE
Misc : 6.55g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Quant Time: May 14 07:04:51 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



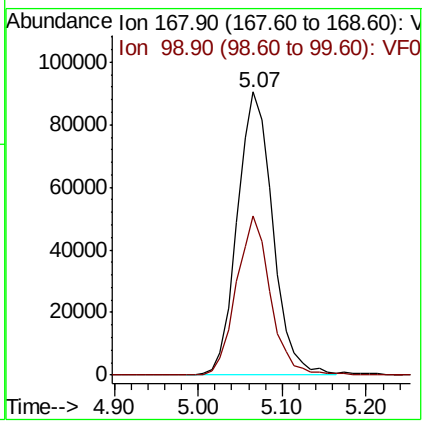


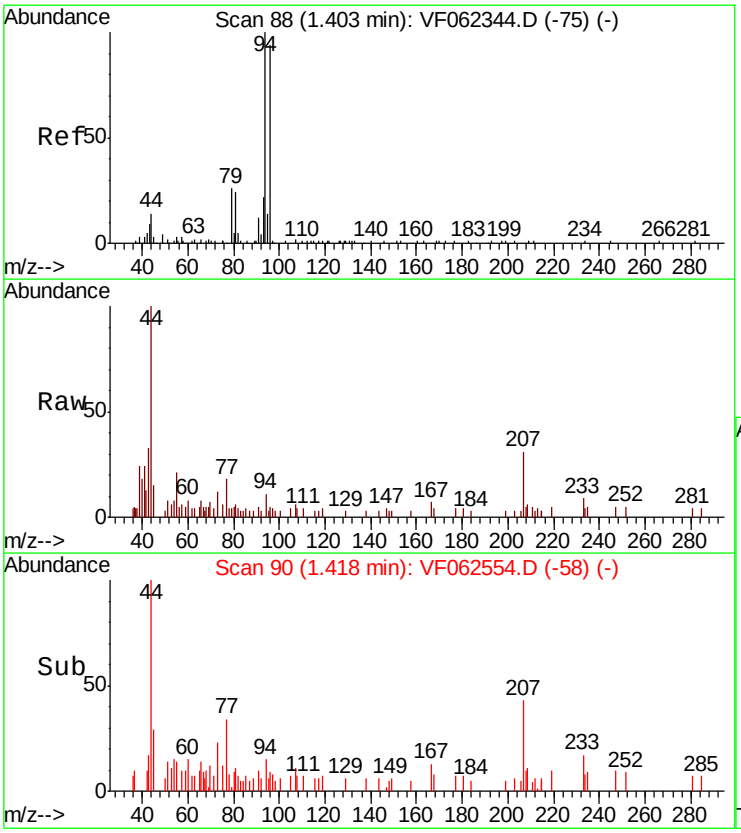
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion:168 Resp: 265686

Ion	Ratio	Lower	Upper
168	100		
99	56.1	45.9	68.9

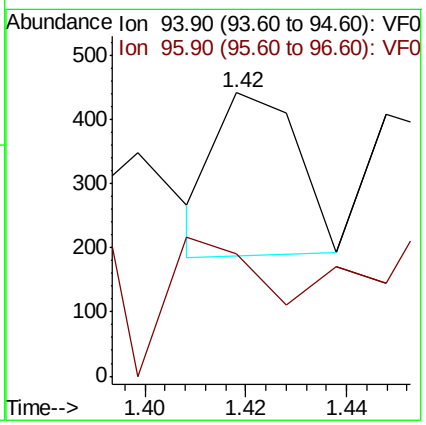


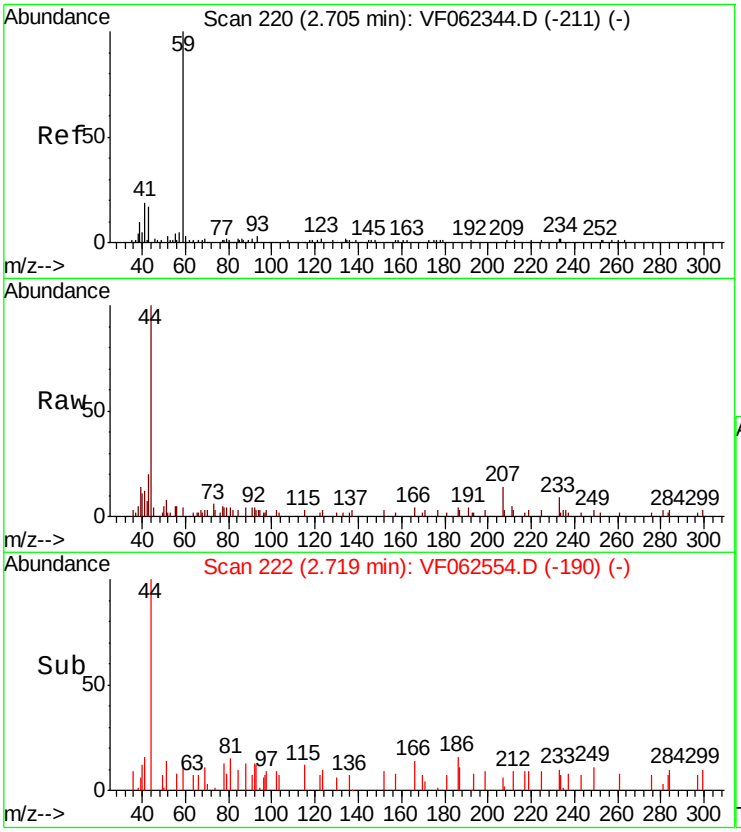


#5
Bromomethane
Concen: Below Cal
RT: 1.42 min Scan# 90
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 94 Resp: 284

Ion	Ratio	Lower	Upper
94	100		
96	7.6	75.4	113.2#



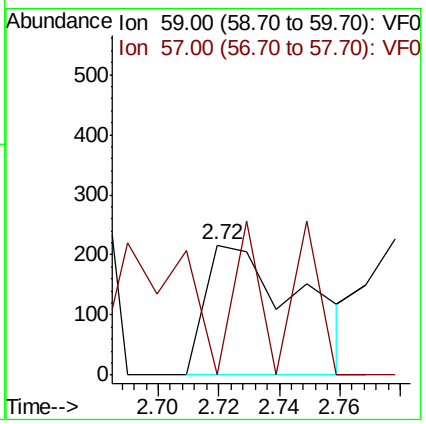


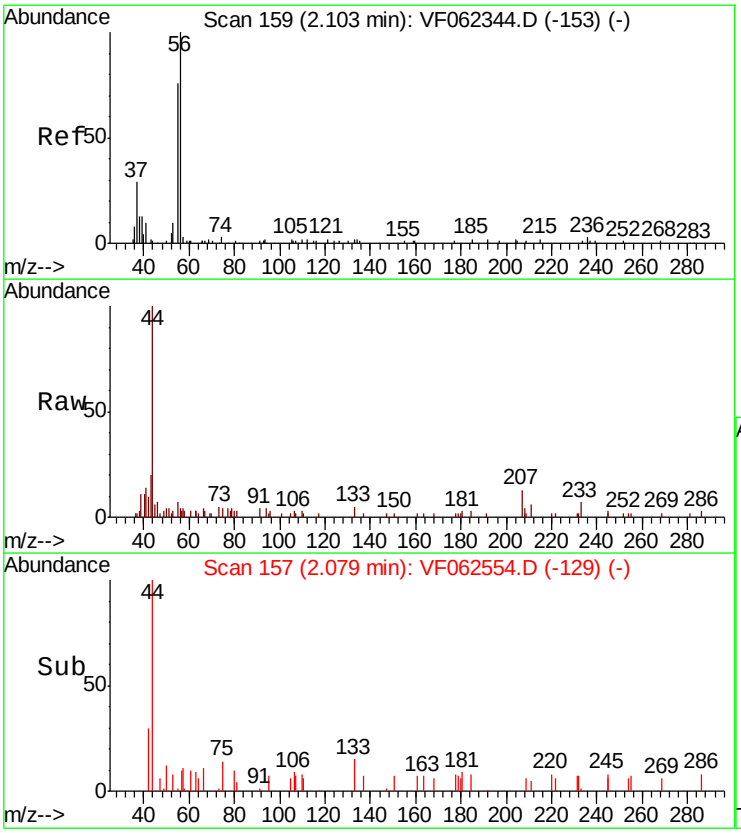
#11
Tert butyl alcohol
Concen: 3.347 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 59 Resp: 475

Ion	Ratio	Lower	Upper
59	100		
57	63.8	9.3	13.9#

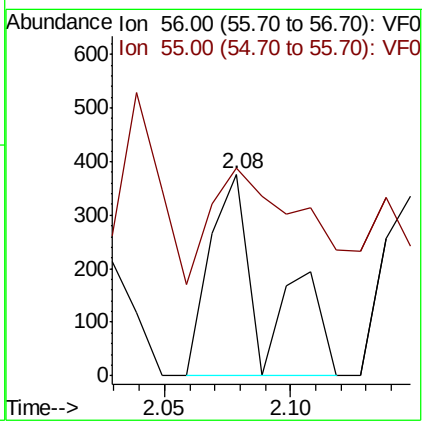


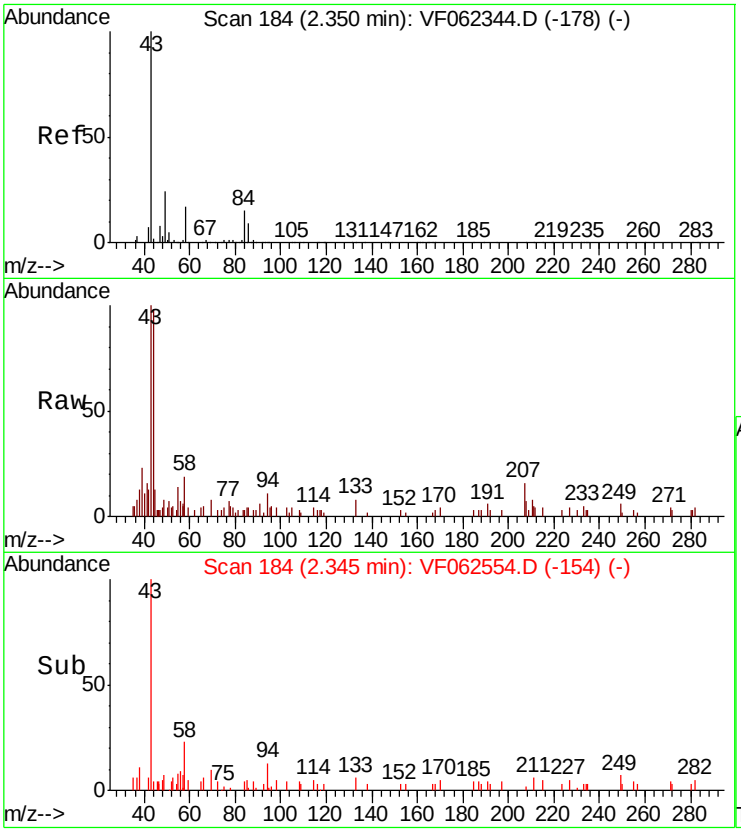


#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 56 Resp: 595

Ion	Ratio	Lower	Upper
56	100		
55	92.6	58.4	87.6#



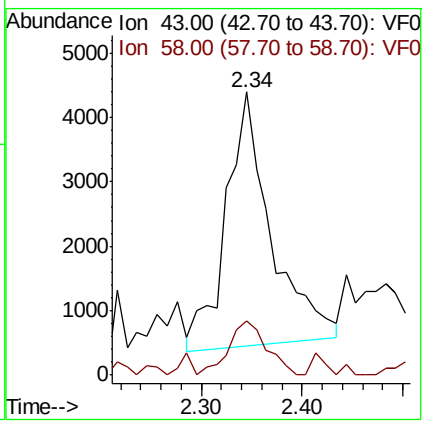


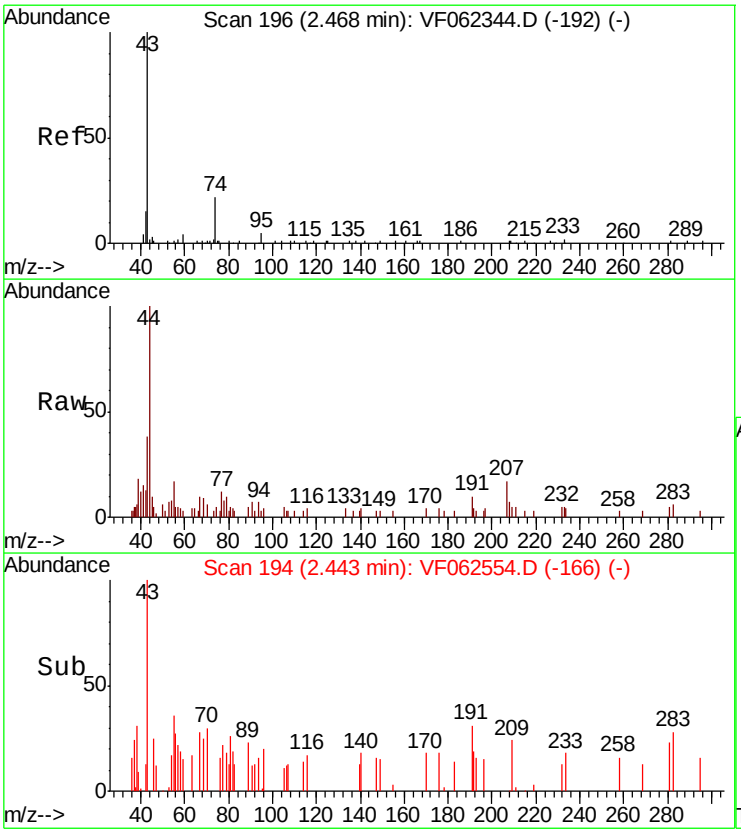
#16
Acetone
Concen: 24.200 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 43 Resp: 12292

Ion	Ratio	Lower	Upper
43	100		
58	21.9	13.1	19.7#

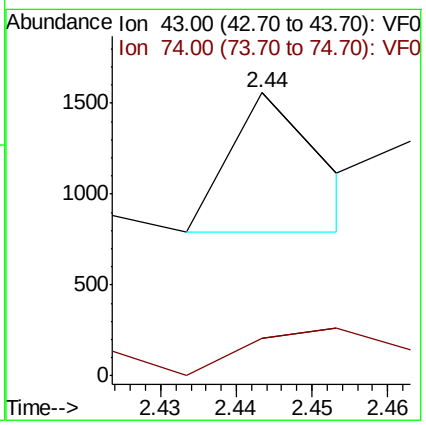


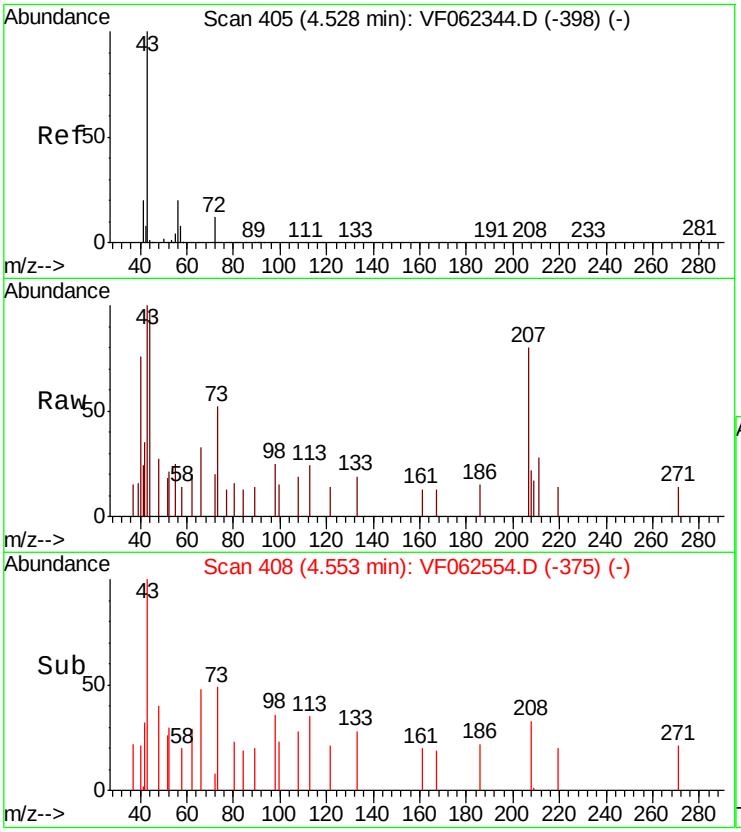


#18
Methyl Acetate
Concen: Below Cal
RT: 2.44 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 43 Resp: 642

Ion	Ratio	Lower	Upper
43	100		
74	80.2	15.0	22.4#



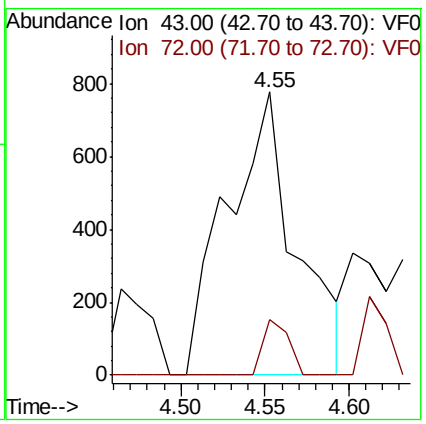


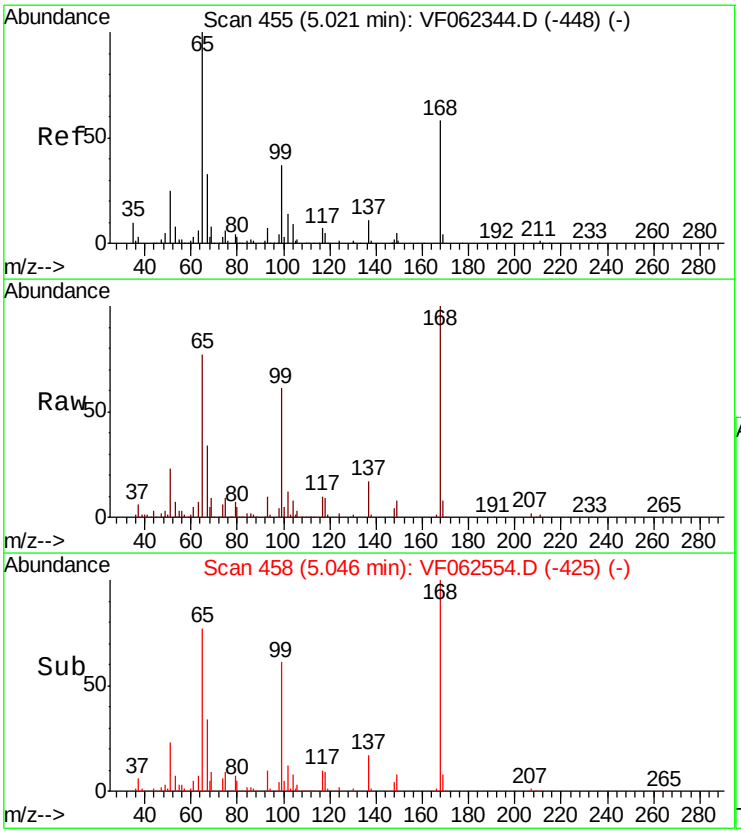
#25
2-Butanone
Concen: 3.454 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 43 Resp: 2204

Ion	Ratio	Lower	Upper
43	100		
72	19.6	14.2	21.4

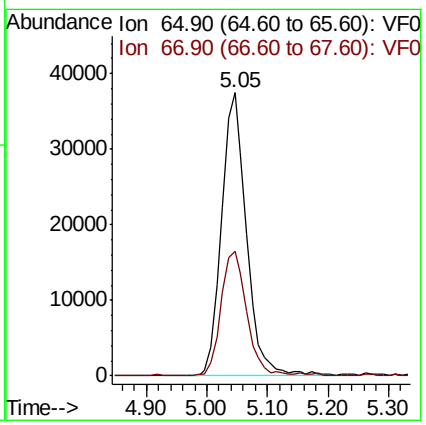


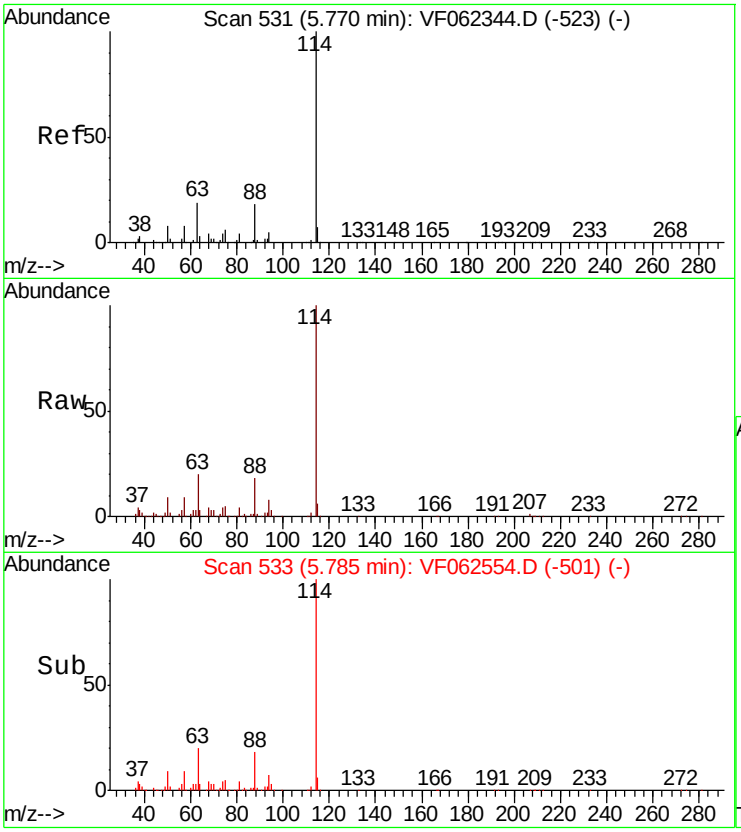


#33
1,2-Dichloroethane-d4
Concen: 42.704 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 65 Resp: 107222

Ion	Ratio	Lower	Upper
65	100		
67	45.8	0.0	85.8



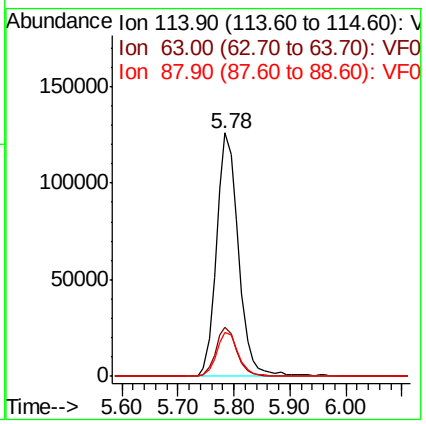


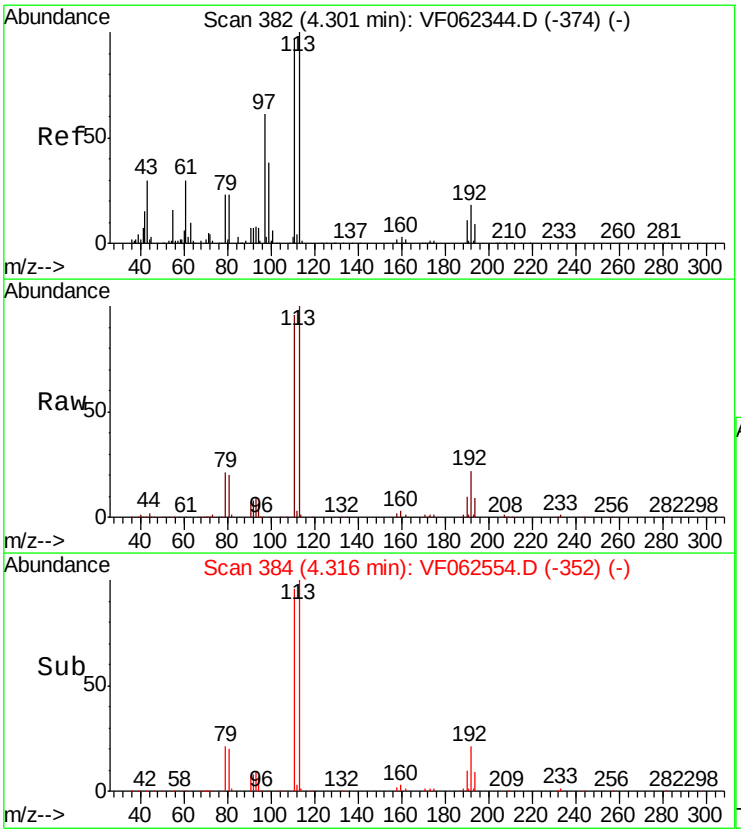
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion:114 Resp: 344721

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.4
88	18.3	0.0	36.4

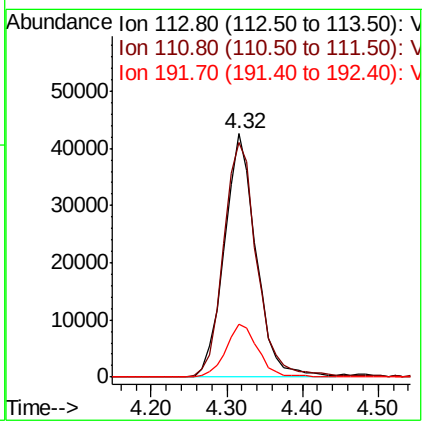


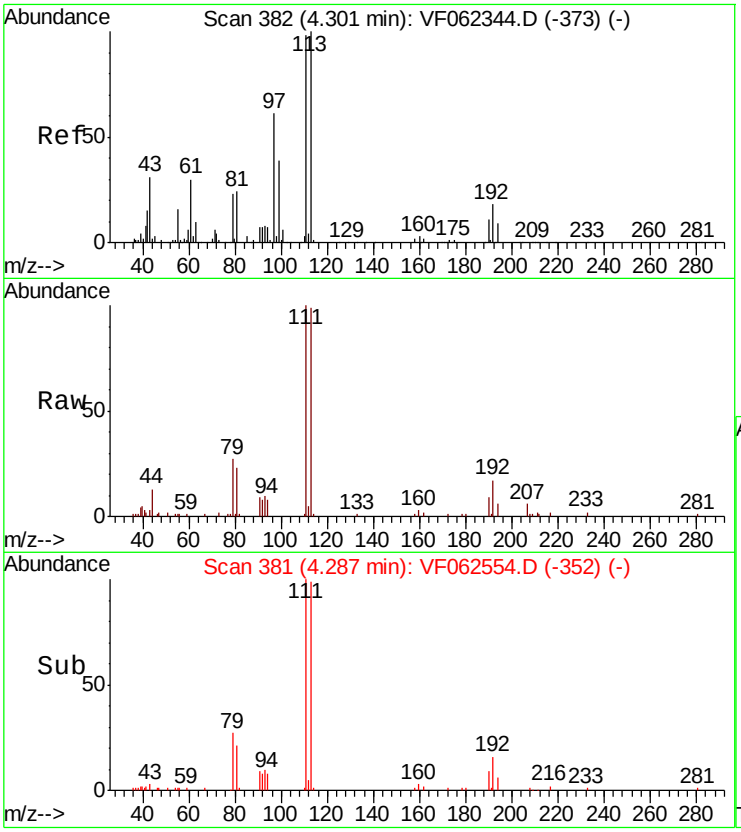


#35
Dibromofluoromethane
Concen: 45.075 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion:113 Resp: 123791

Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.4	119.0
192	21.9	16.0	24.0



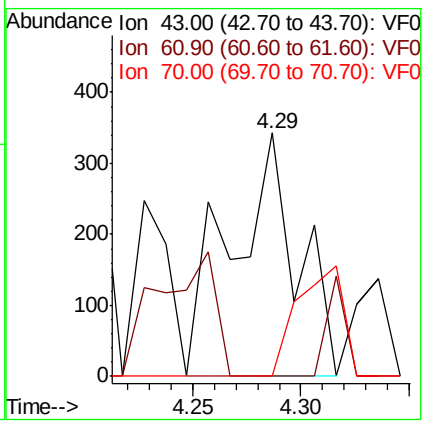


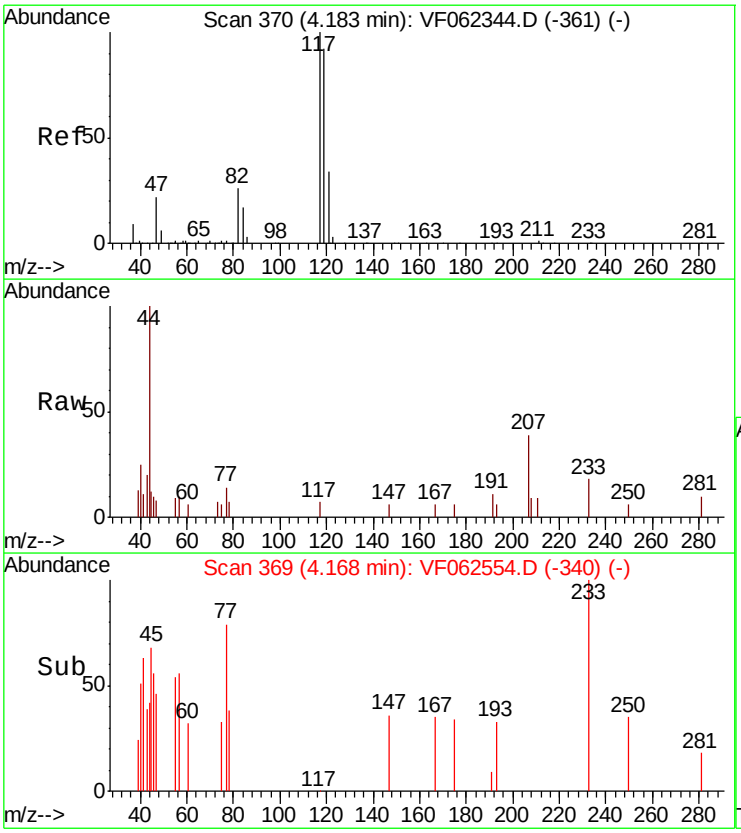
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 43 Resp: 733

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

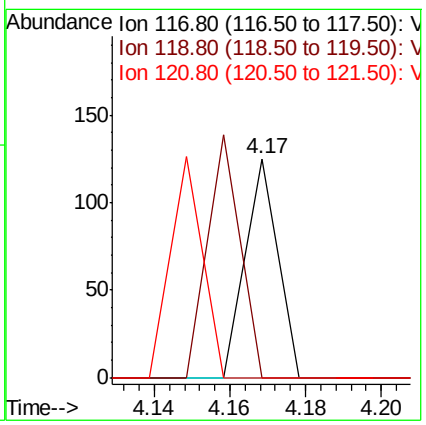


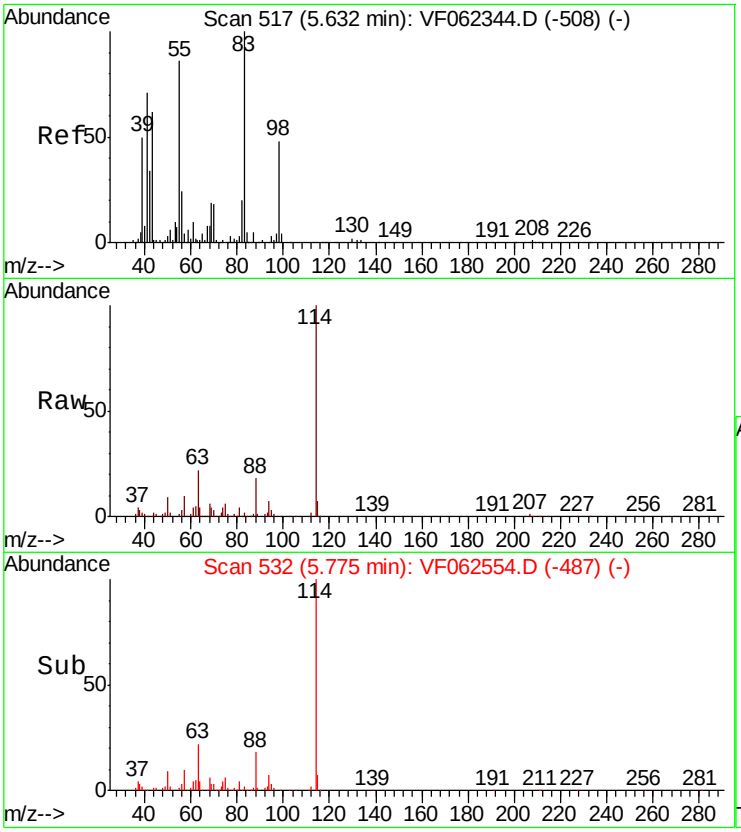


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.17 min Scan# 369
Delta R.T. -0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion:117 Resp: 74

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



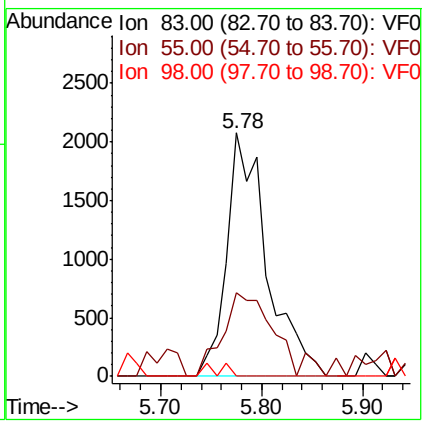


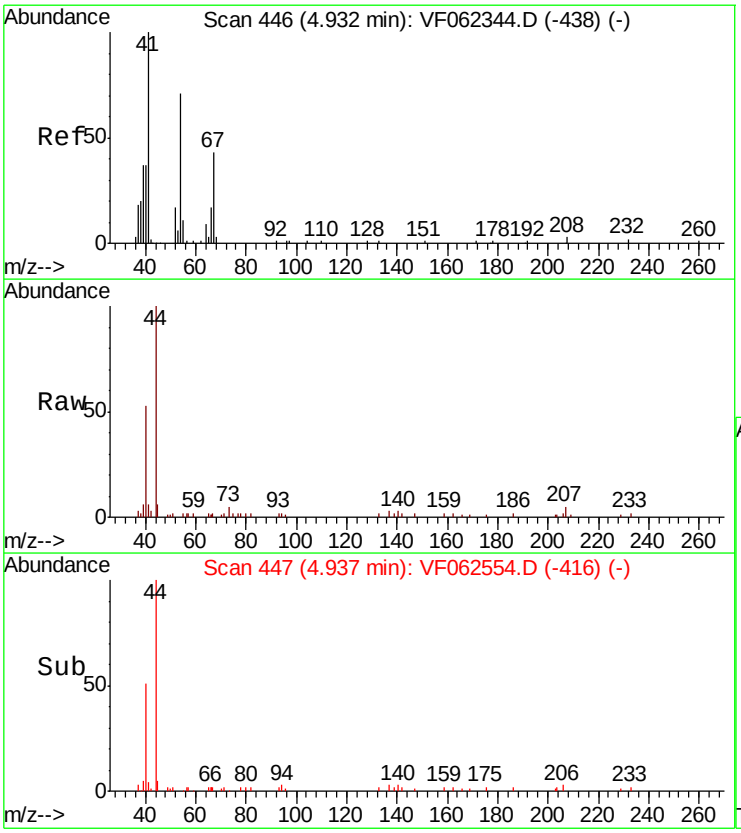
#39
Methylcyclohexane
Concen: 1.937 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 83 Resp: 5752

Ion	Ratio	Lower	Upper
83	100		
55	34.6	69.0	103.6#
98	0.0	38.6	58.0#

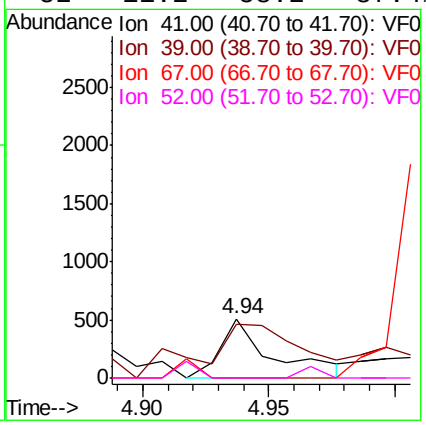


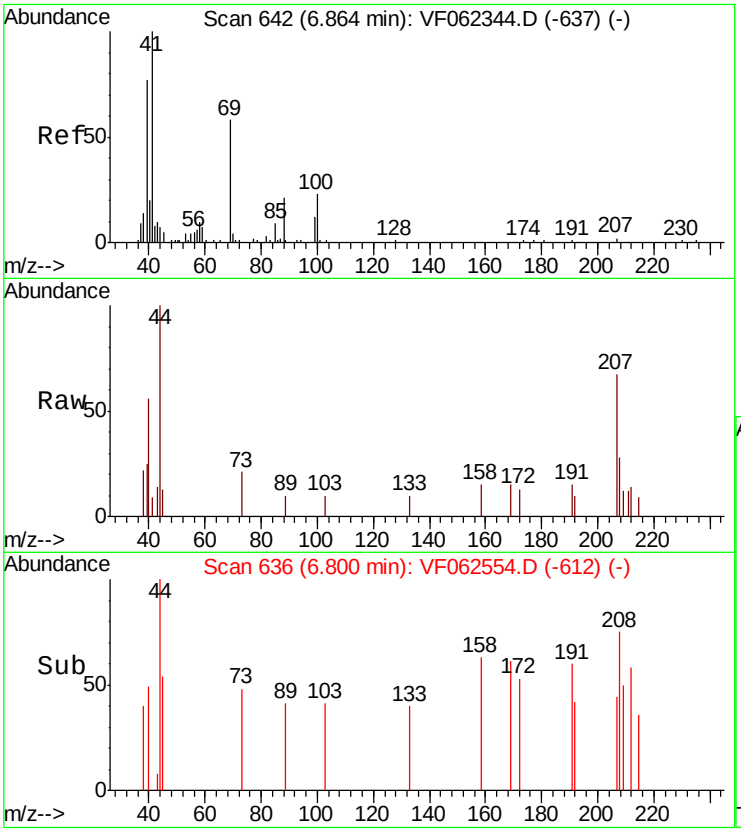


#41
Methacrylonitrile
Concen: 1.053 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.00 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 41 Resp: 748

Ion	Ratio	Lower	Upper
41	100		
39	169.7	54.3	81.5#
67	0.0	37.8	56.8#
52	11.2	58.2	87.4#



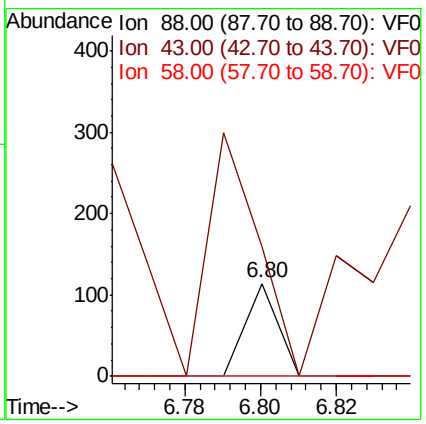


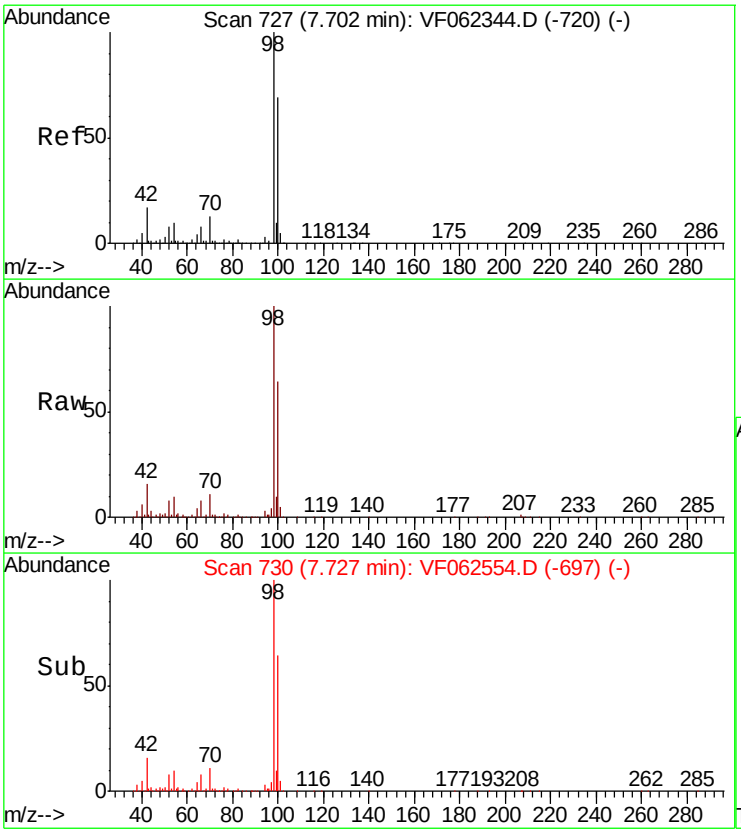
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.80 min Scan# 636
Delta R.T. -0.06 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	404.5	55.6	83.4#
58	0.0	52.8	79.2#

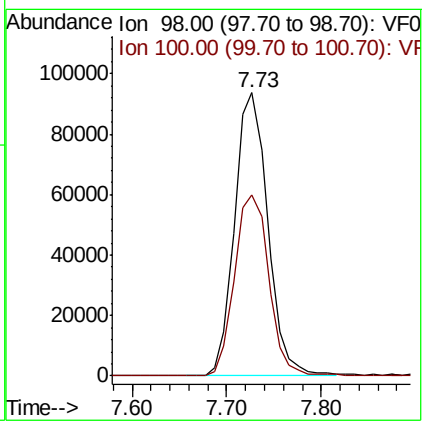


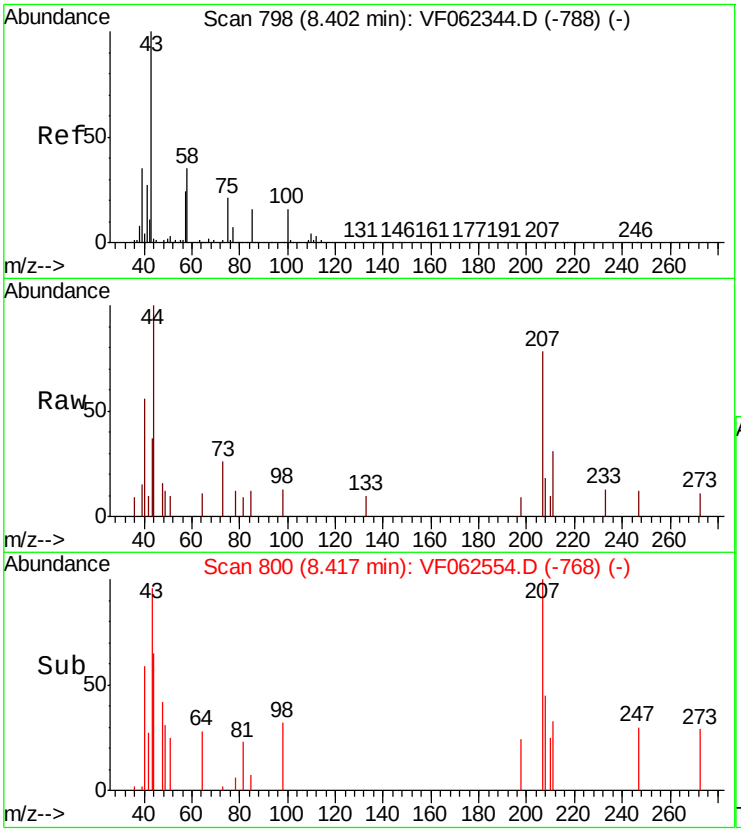


#50
Toluene-d8
Concen: 34.357 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 98 Resp: 228401

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9



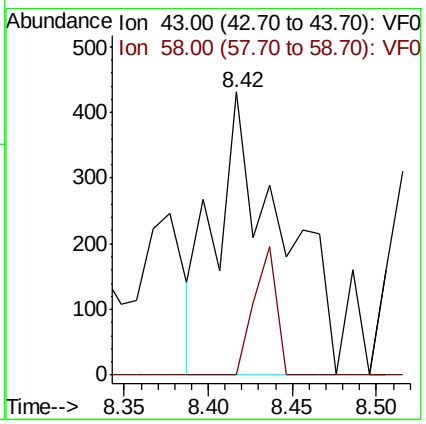


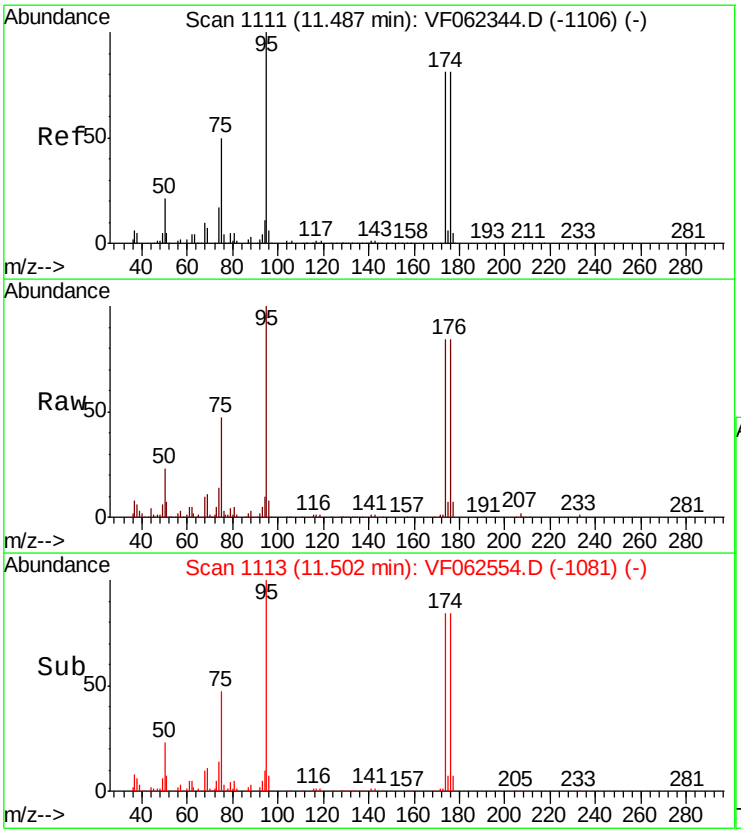
#51
4-Methyl-2-Pentanone
Concen: 1.142 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
58	15.4	27.8	41.6#

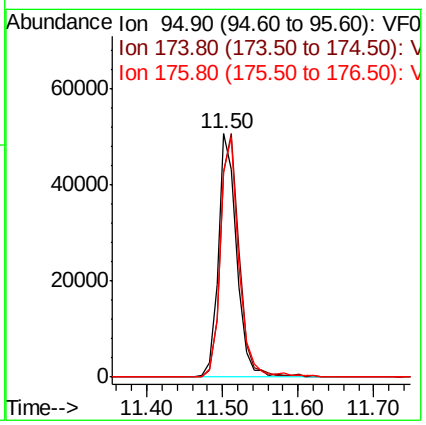


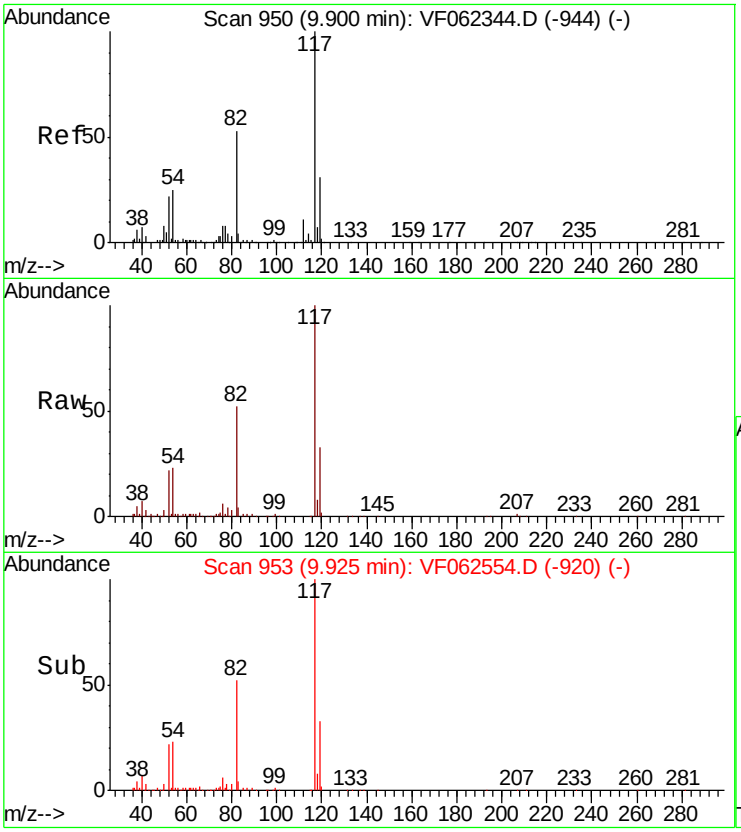


#62
4-Bromofluorobenzene
Concen: 28.715 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion: 95 Resp: 86124

Ion	Ratio	Lower	Upper
95	100		
174	101.0	0.0	191.8
176	98.9	0.0	193.2



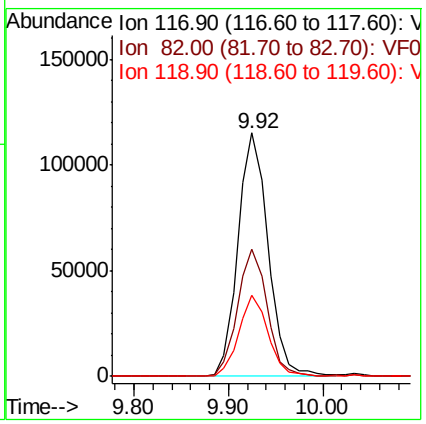


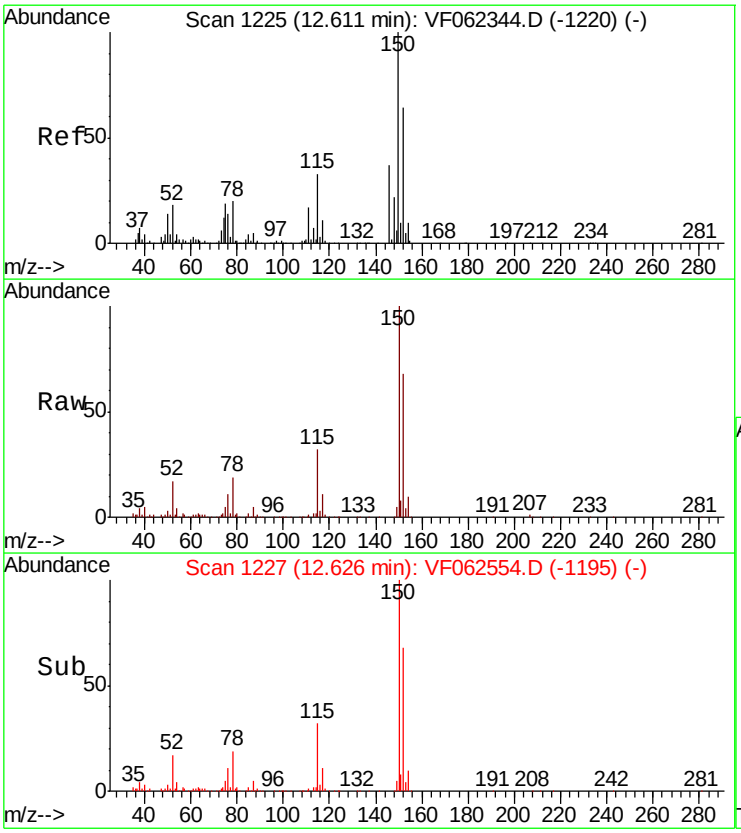
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-0206-01RE

Tgt Ion:117 Resp: 254365

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.2
119	33.3	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062554.D
Acq: 13 May 2019 21:03

Tgt Ion:152 Resp: 115530

Ion	Ratio	Lower	Upper
152	100		
115	51.6	26.4	79.2
150	150.3	0.0	335.0