Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062520.D
Acq On : 13 May 2019 00:36
Operator : FY/SY
Sample : K2756-01RE
Misc : 5.63g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS005-0002-01

Quant Time: May 13 04:50:46 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	275906	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	380111	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	278653	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	124930	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	108412	41.58	ug/l	0.02
Spiked Amount 50.000			Recovery = 83.16%			
35) Dibromofluoromethane	4.33	113	126007	41.61	ug/l	0.02
Spiked Amount 50.000			Recovery = 83.22%			
50) Toluene-d8	7.73	98	254515	34.72	ug/l	0.02
Spiked Amount 50.000			Recovery = 69.44%			
62) 4-Bromofluorobenzene	11.50	95	94785	28.66	ug/l	0.01
Spiked Amount 50.000			Recovery = 57.32%			
Target Compounds						Qvalue
5) Bromomethane	1.44	94	542	Below Cal	#	3
11) Tert butyl alcohol	2.70	59	927	6.291 ug/l	#	1
13) Acrolein	2.14	56	420	Below Cal		97
15) Acrylonitrile	3.09	53	1098	3.933 ug/l	#	82
16) Acetone	2.35	43	52916	100.322 ug/l	#	91
18) Methyl Acetate	2.35	43	51896	54.214 ug/l	#	60
25) 2-Butanone	4.55	43	5236	7.901 ug/l		97
29) Tetrahydrofuran	4.28	42	861	2.827 ug/l	#	49
37) Ethyl Acetate	4.35	43	278	Below Cal	#	1
38) Carbon Tetrachloride	4.15	117	68	Below Cal	#	14
39) Methylcyclohexane	5.79	83	6400	1.954 ug/l	#	39
43) Isopropyl Acetate	7.12	43	1573	1.059 ug/l	#	48
49) 1,4-Dioxane	6.86	88	63	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.42	43	4859	4.318 ug/l	#	85
59) 2-Hexanone	9.64	43	5802	7.454 ug/l		88
74) N-amyl acetate	11.46	43	7082	4.454 ug/l	#	84
95) Naphthalene	14.50	128	11488	2.479 ug/l		97

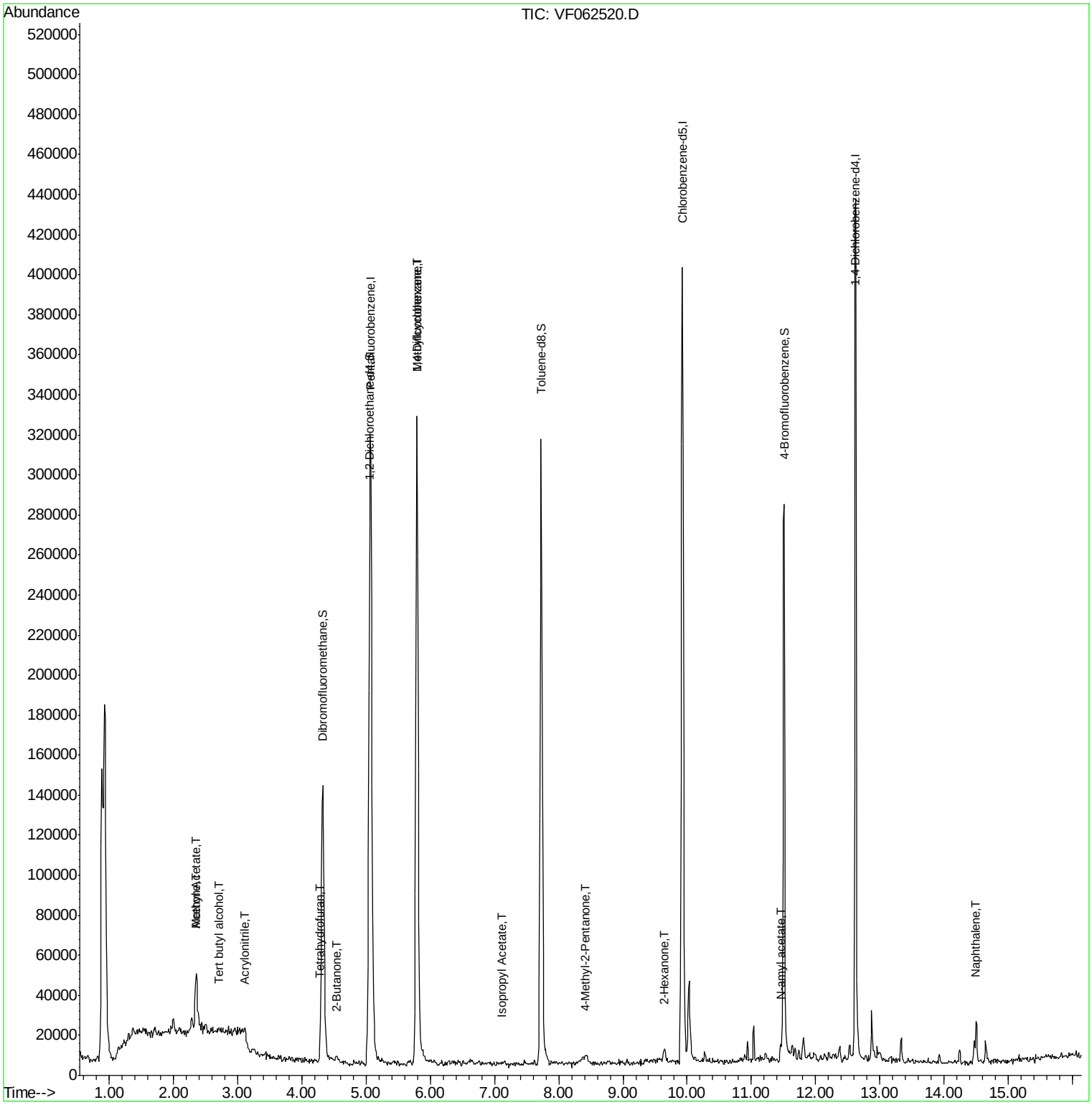
(#) = qualifier out of range (m) = manual integration (+) = signals summed

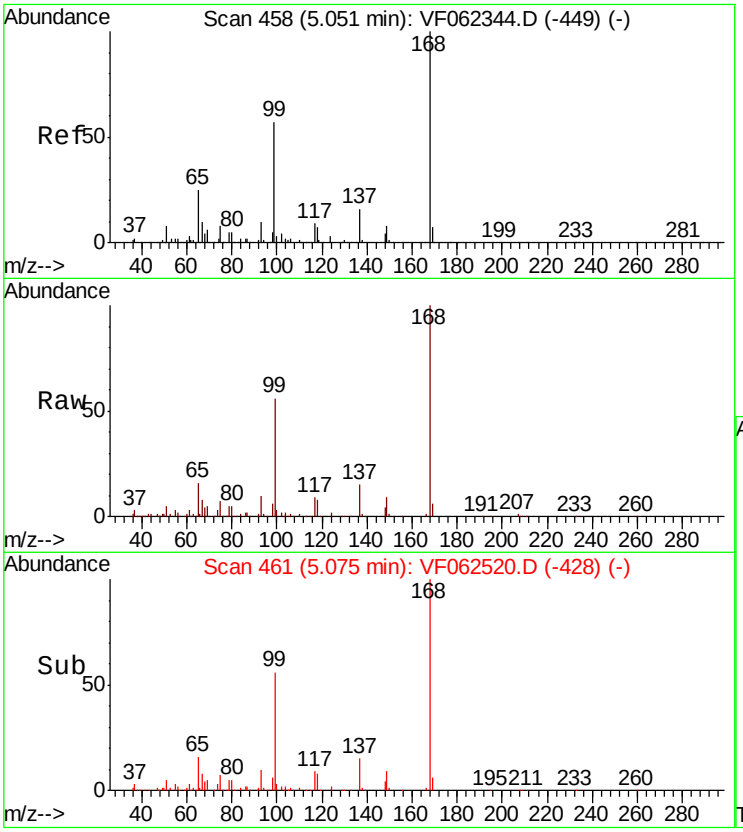
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062520.D
Acq On : 13 May 2019 00:36
Operator : FY/SY
Sample : K2756-01RE
Misc : 5.63g/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Quant Time: May 13 04:50:46 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



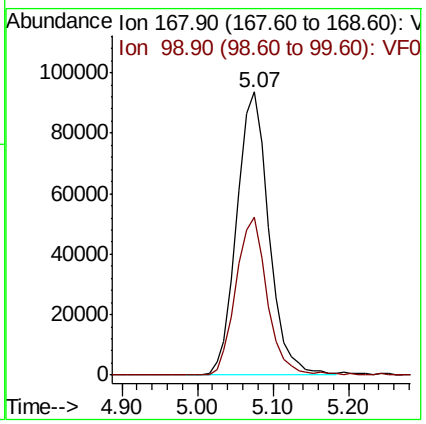


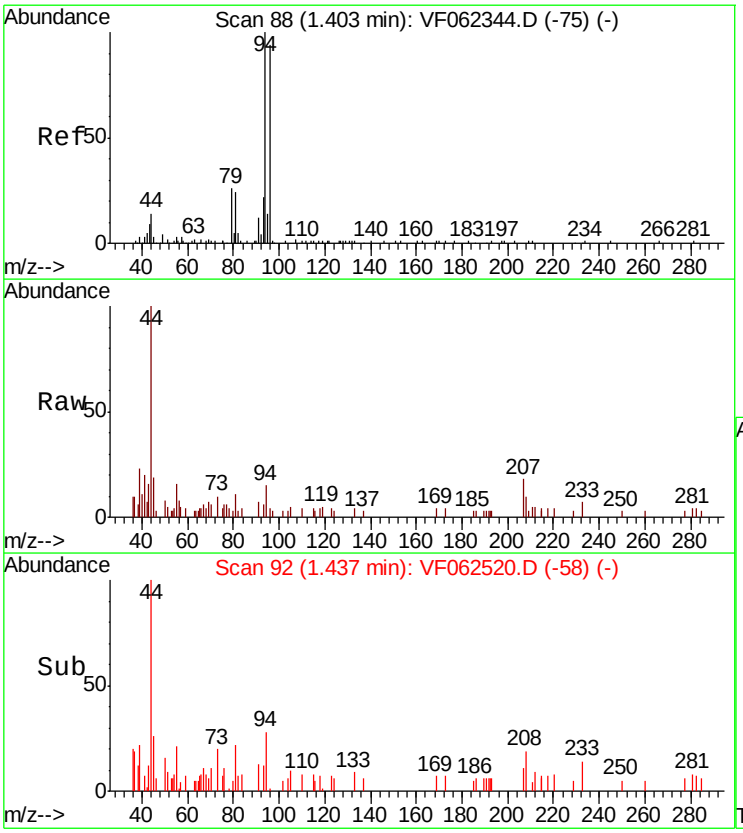
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:168 Resp: 275906

Ion	Ratio	Lower	Upper
168	100		
99	55.7	45.9	68.9

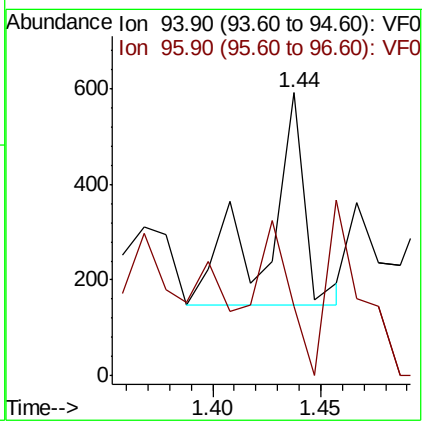


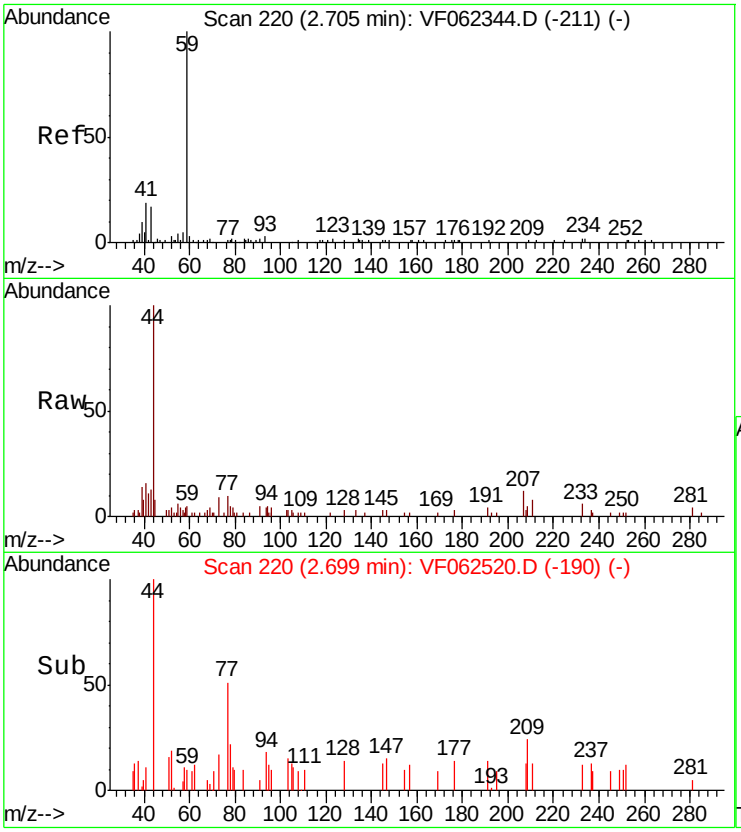


#5
Bromomethane
Concen: Below Cal
RT: 1.44 min Scan# 92
Delta R.T. 0.03 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 94 Resp: 542

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



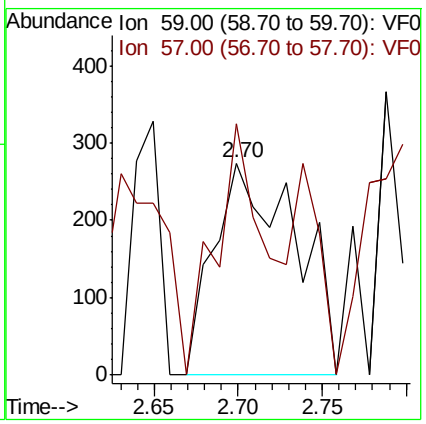


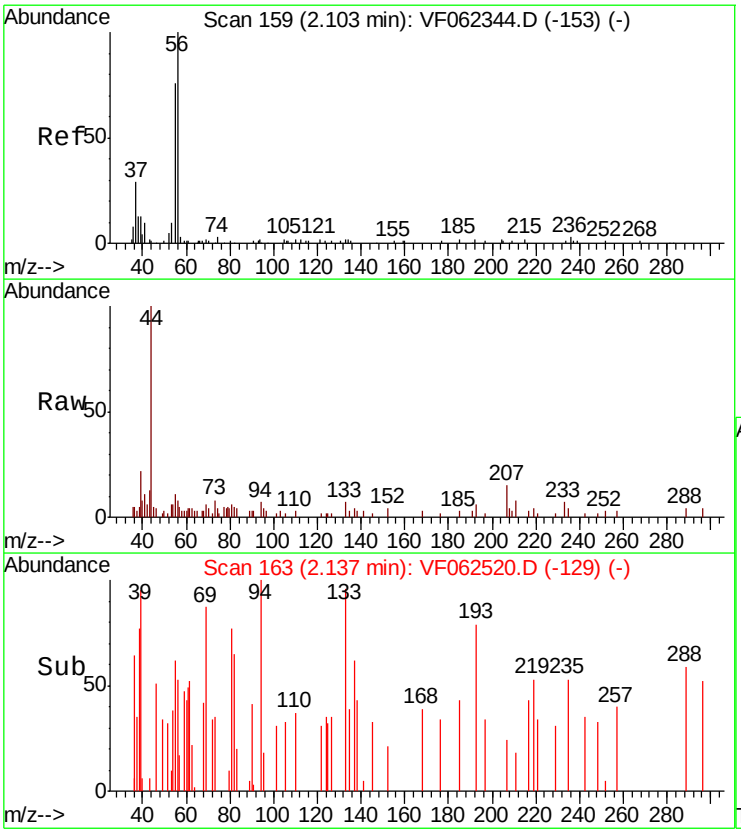
#11
Tert butyl alcohol
Concen: 6.291 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 59 Resp: 927

Ion	Ratio	Lower	Upper
59	100		
57	72.5	9.3	13.9#

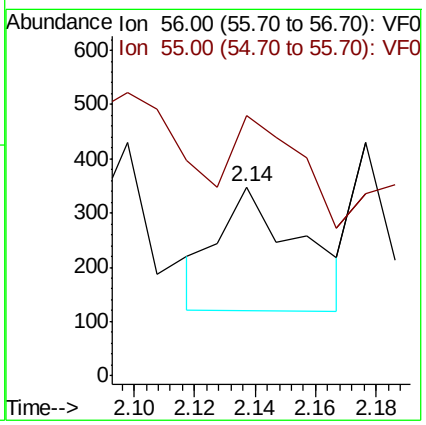


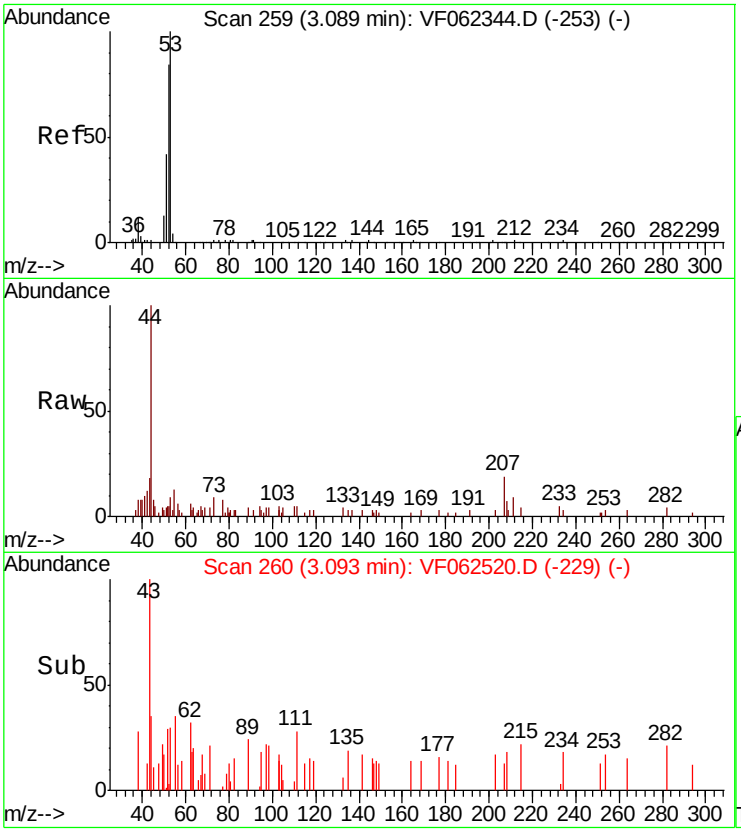


#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.03 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 56 Resp: 420

Ion	Ratio	Lower	Upper
56	100		
55	70.5	58.4	87.6



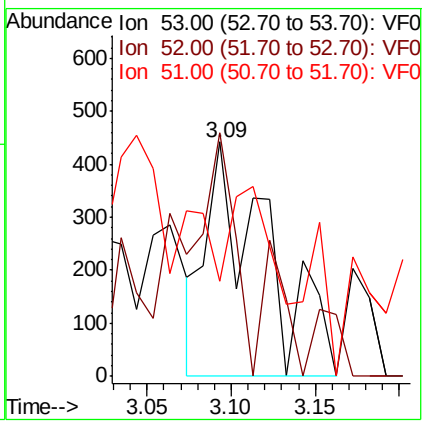


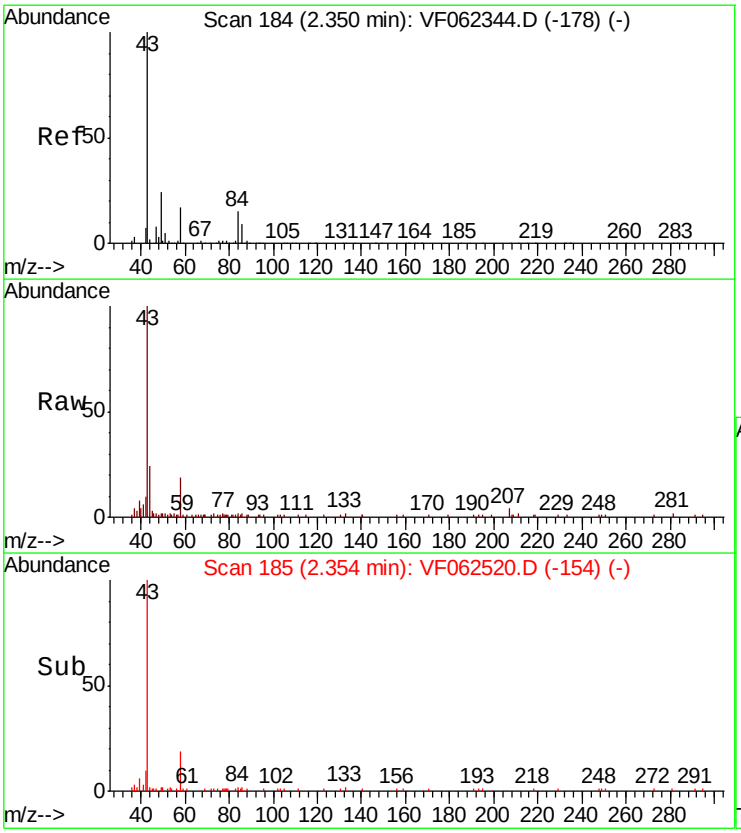
#15
Acrylonitrile
Concen: 3.933 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 53 Resp: 1098

Ion	Ratio	Lower	Upper
53	100		
52	121.2	77.2	115.8#
51	54.7	40.6	61.0

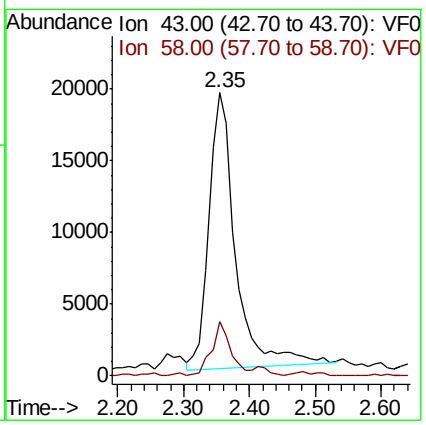


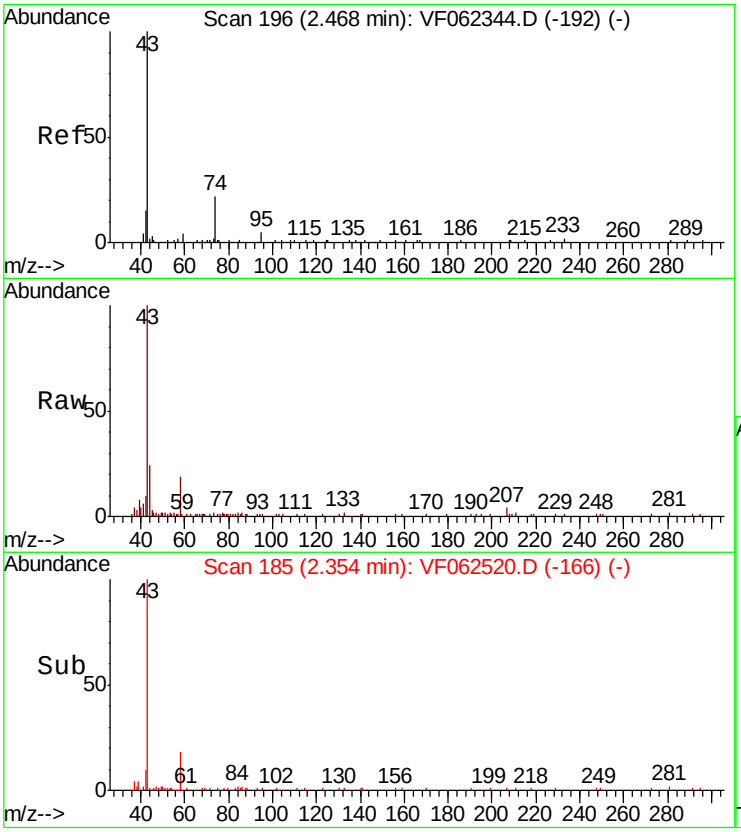


#16
Acetone
Concen: 100.322 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 52916

Ion	Ratio	Lower	Upper
43	100		
58	20.2	13.1	19.7#



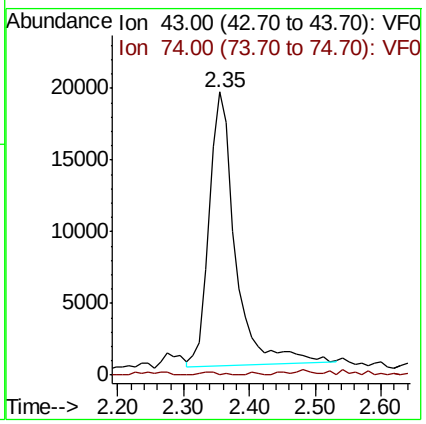


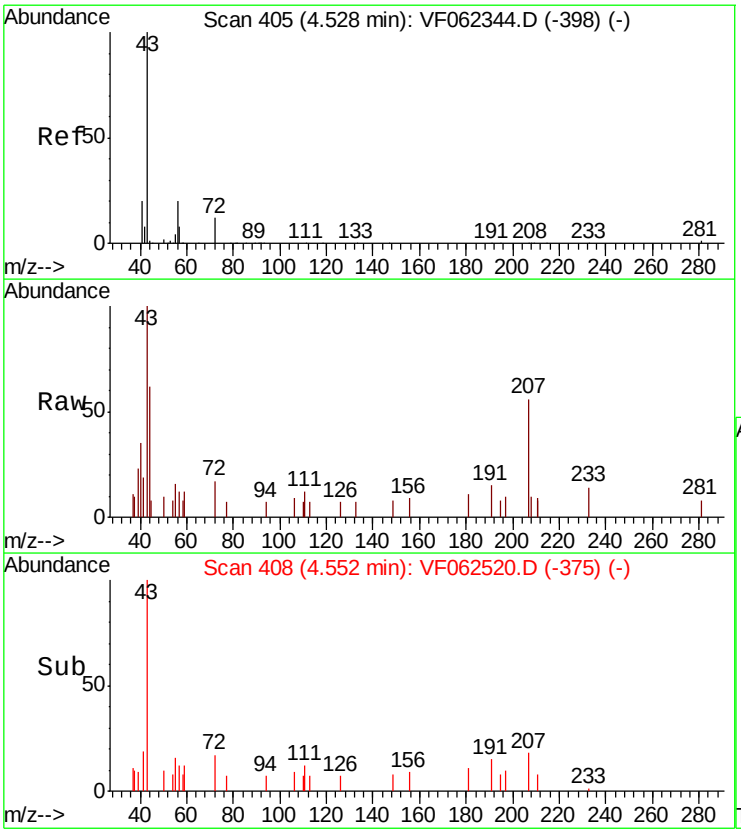
#18
Methyl Acetate
Concen: 54.214 ug/l
RT: 2.35 min Scan# 185
Delta R.T. -0.11 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 43 Resp: 51896

Ion	Ratio	Lower	Upper
43	100		
74	0.8	15.0	22.4#

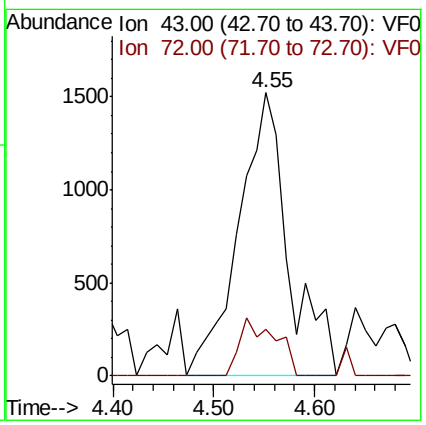


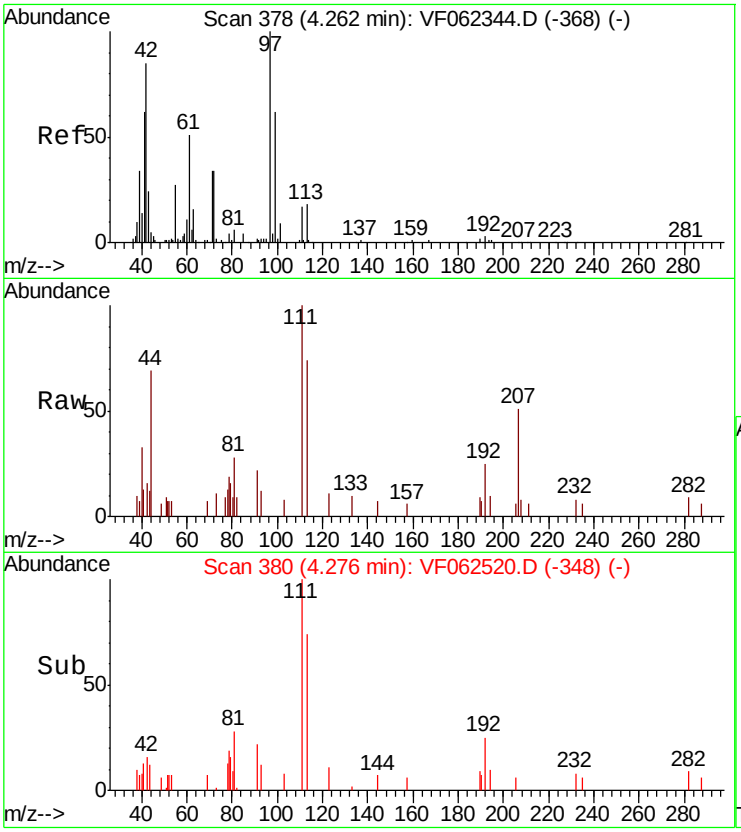


#25
2-Butanone
Concen: 7.901 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 5236

Ion	Ratio	Lower	Upper
43	100		
72	16.6	14.2	21.4



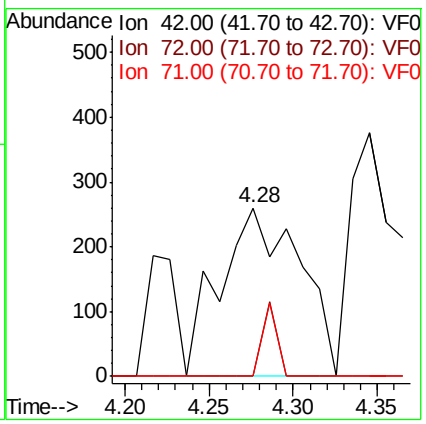


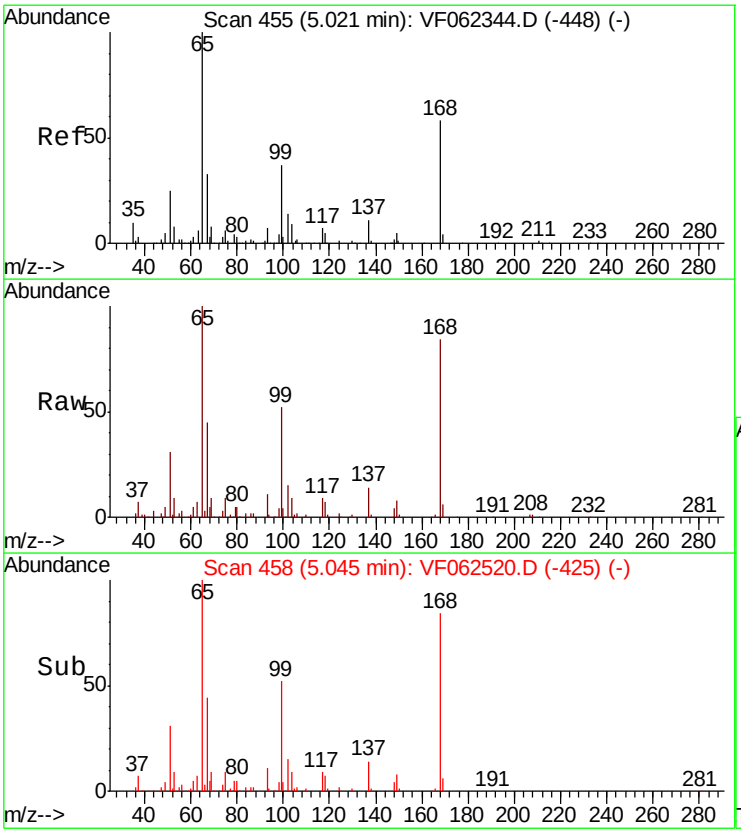
#29
Tetrahydrofuran
Concen: 2.827 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 42 Resp: 861

Ion	Ratio	Lower	Upper
42	100		
72	8.0	31.4	47.0#
71	7.8	31.7	47.5#

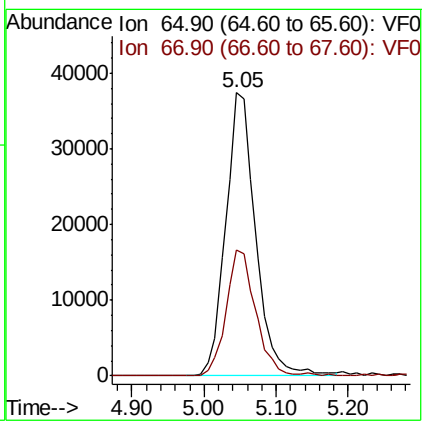


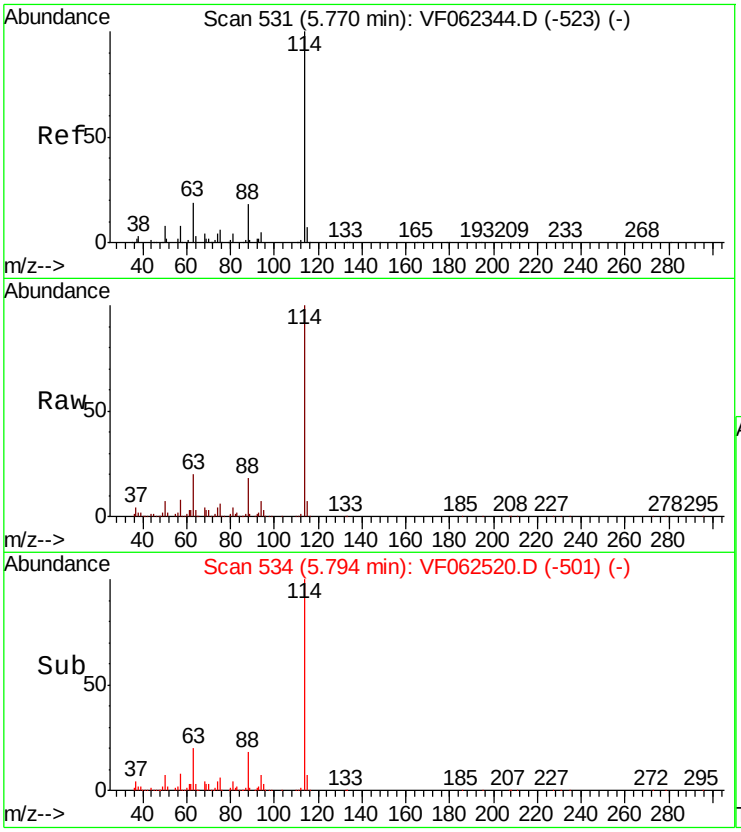


#33
1,2-Dichloroethane-d4
Concen: 41.578 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 65 Resp: 108412

Ion	Ratio	Lower	Upper
65	100		
67	43.6	0.0	85.8



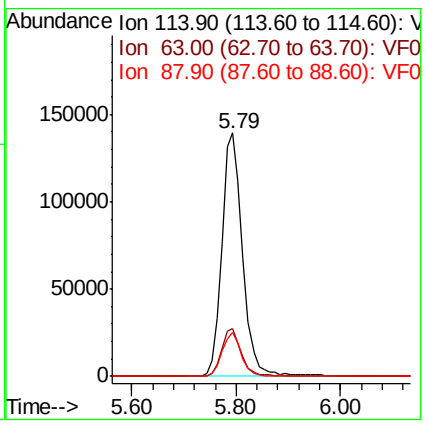


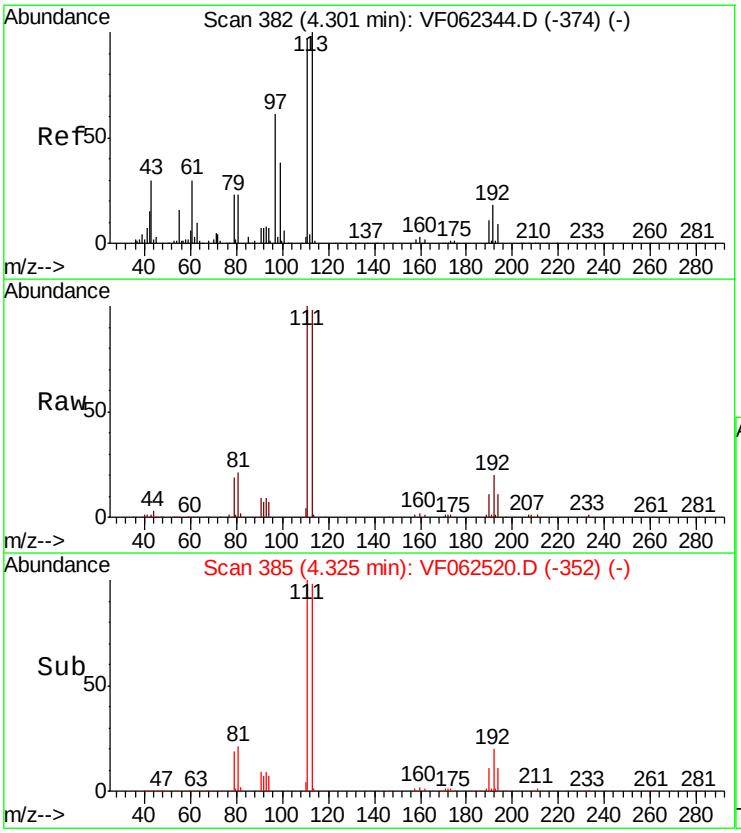
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:114 Resp: 380111

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.4
88	18.1	0.0	36.4

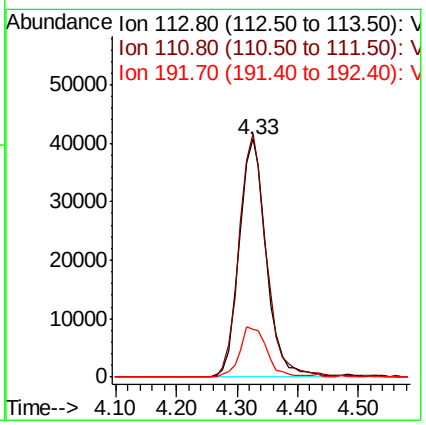


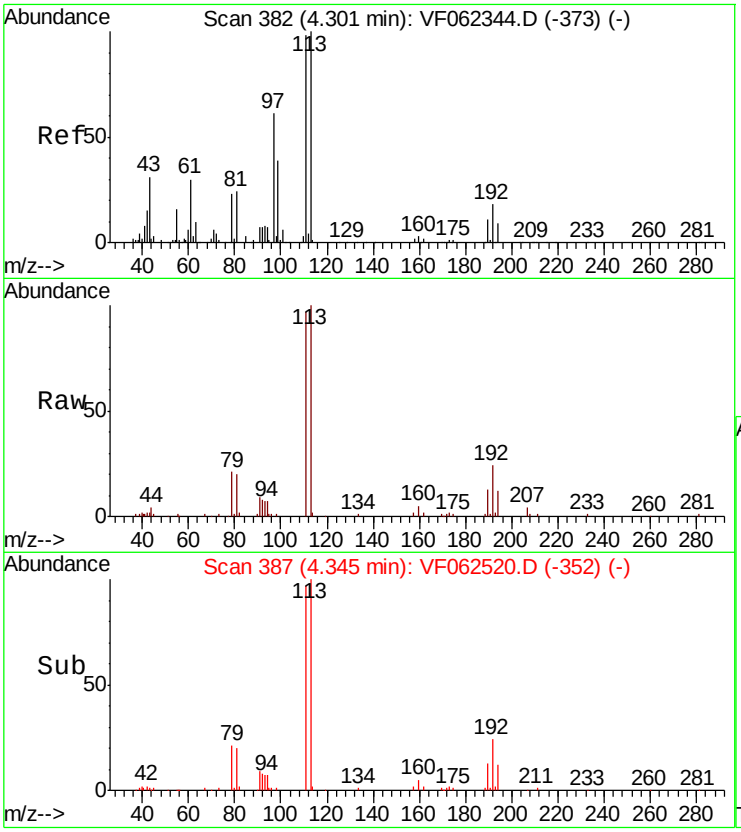


#35
Dibromofluoromethane
Concen: 41.610 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion:113 Resp: 126007

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	21.1	16.0	24.0



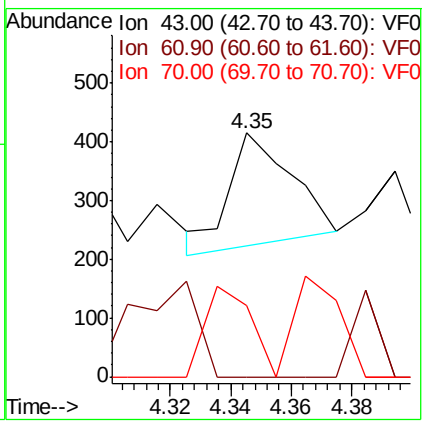


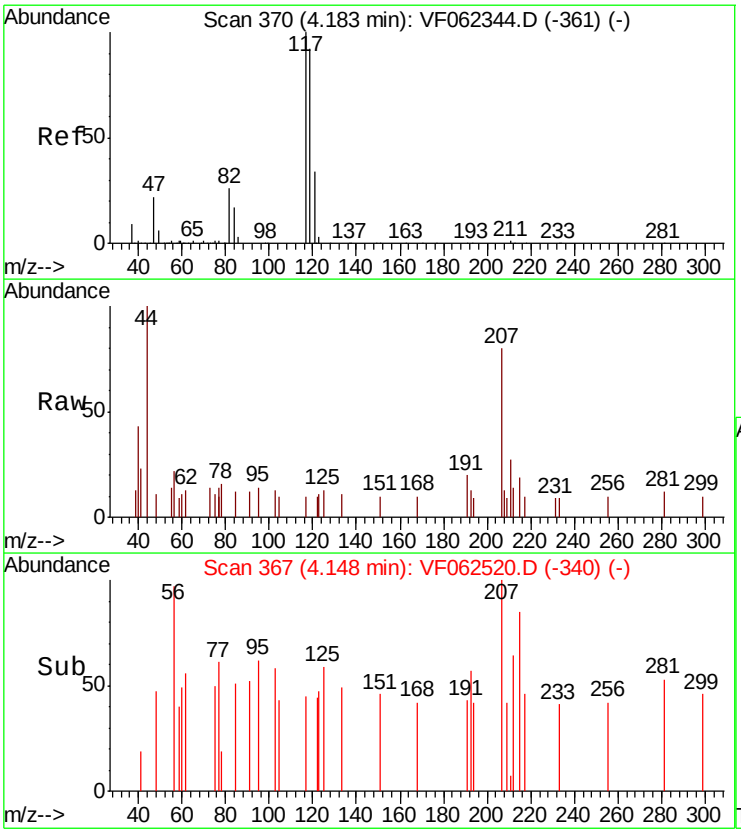
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 387
Delta R.T. 0.04 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument : MSVOA_F
ClientSampleId : P021-SS005-0002-01

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
61	108.3	0.0	0.0#
70	58.3	8.2	12.2#

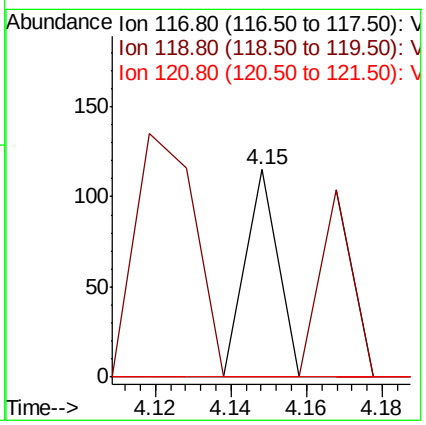


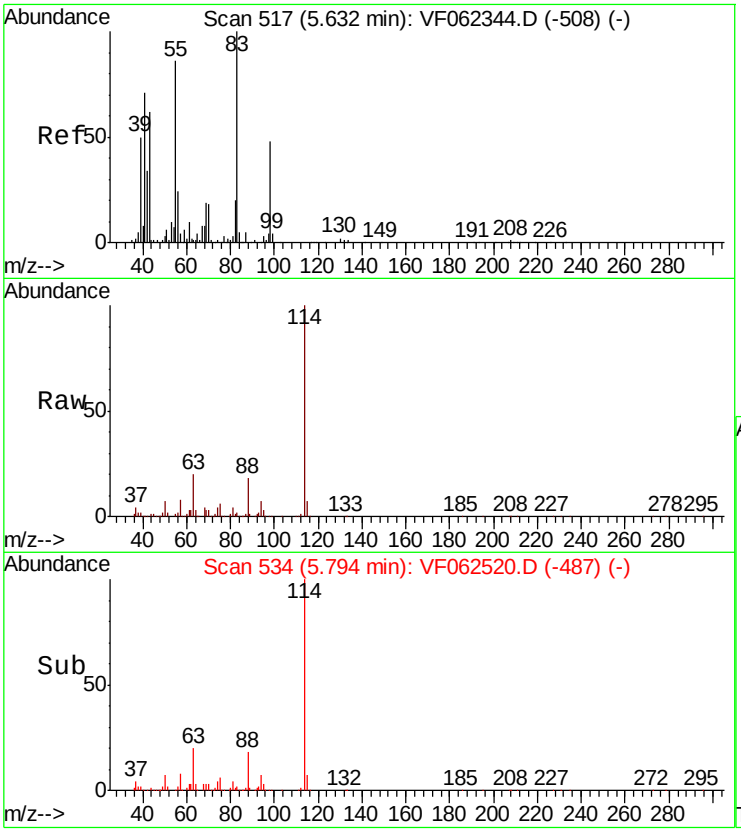


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.15 min Scan# 367
Delta R.T. -0.03 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion:117 Resp: 68

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



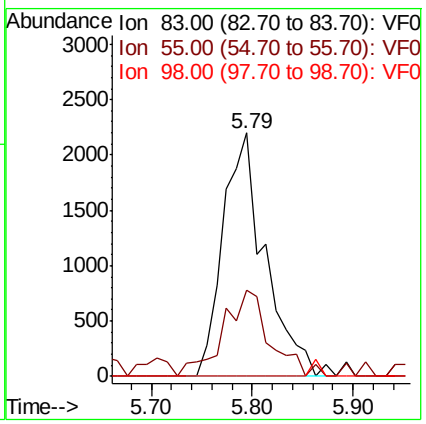


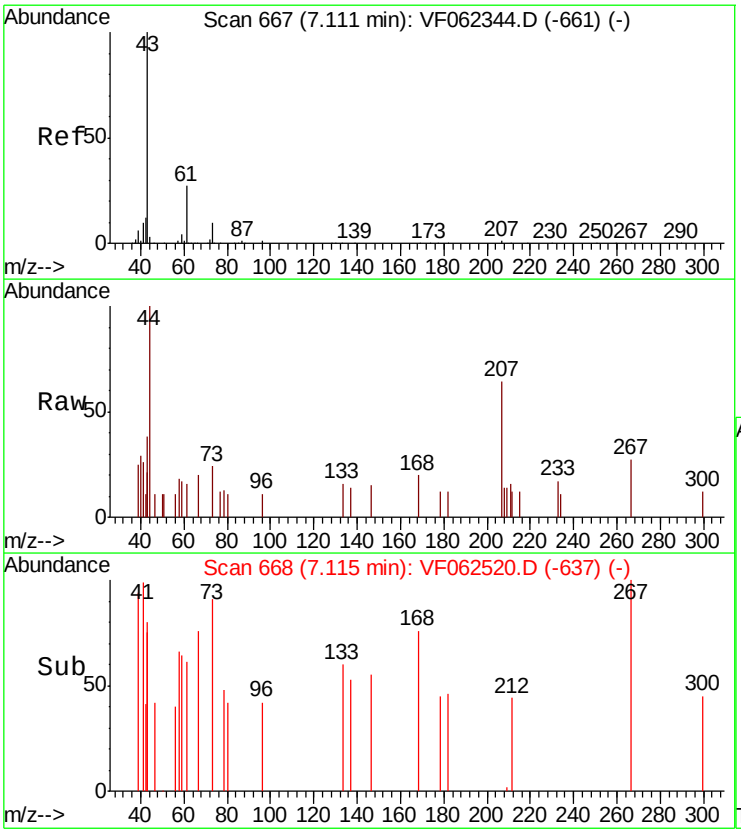
#39
Methylcyclohexane
Concen: 1.954 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 83 Resp: 6400

Ion	Ratio	Lower	Upper
83	100		
55	35.4	69.0	103.6#
98	0.0	38.6	58.0#

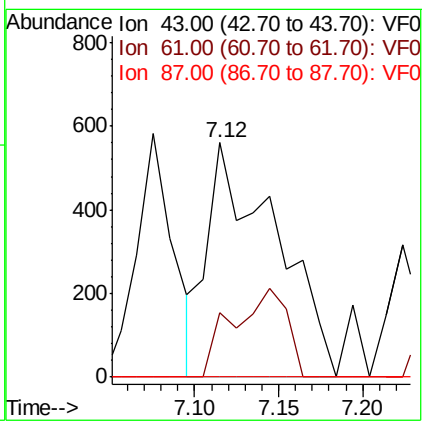


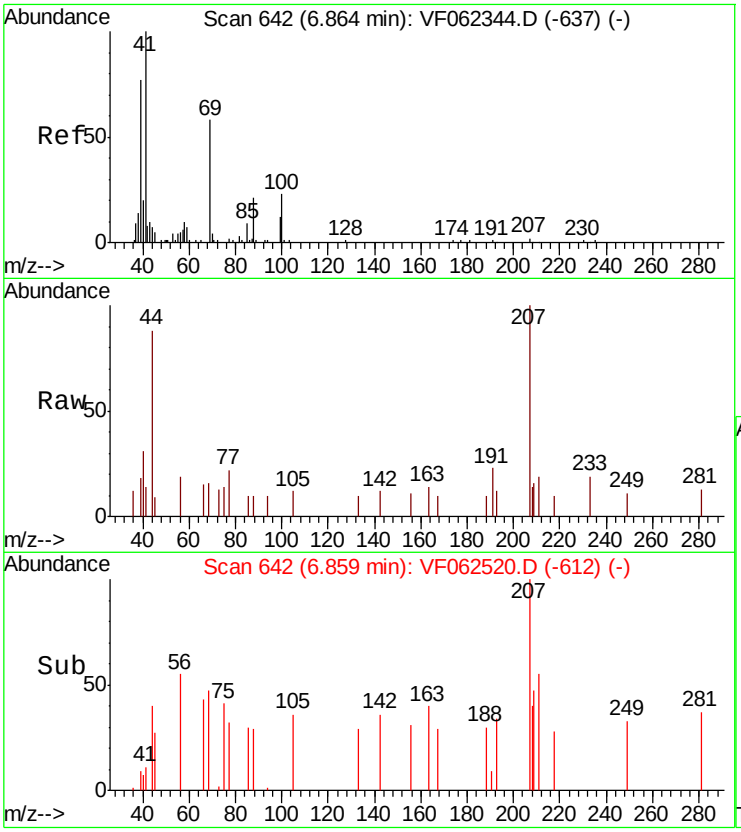


#43
Isopropyl Acetate
Concen: 1.059 ug/l
RT: 7.12 min Scan# 668
Delta R.T. 0.00 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 1573

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	0.6	1.0#



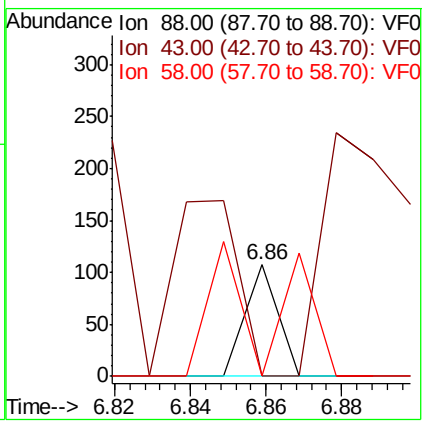


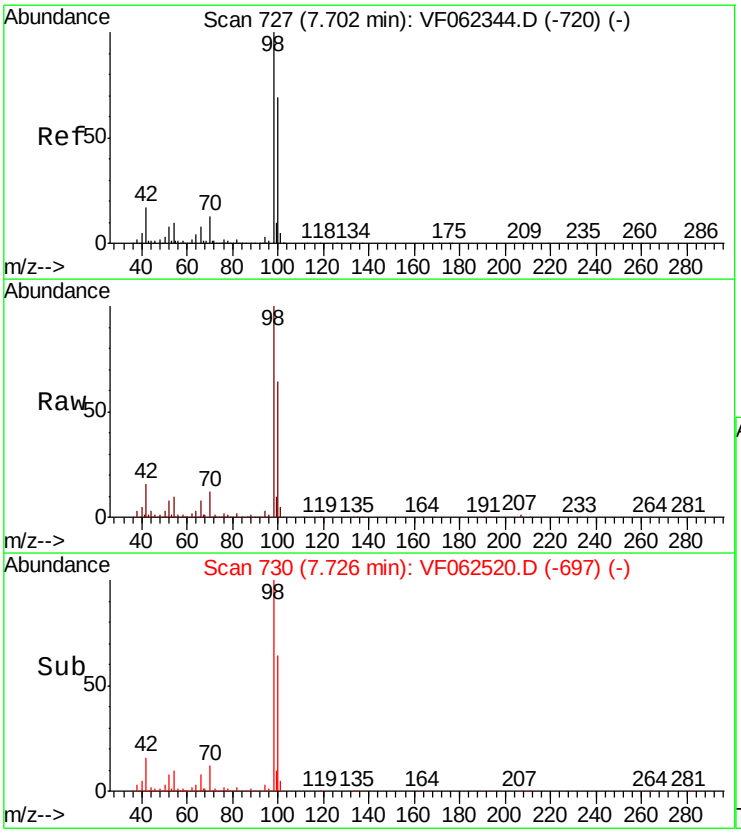
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	315.9	55.6	83.4#
58	233.3	52.8	79.2#

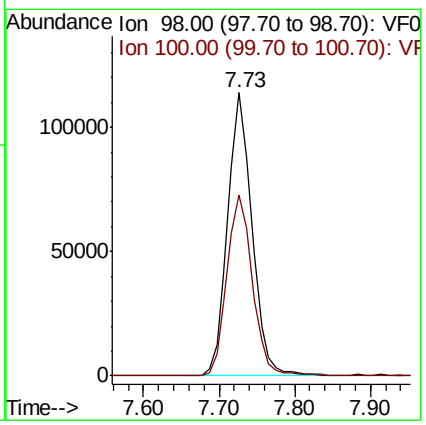


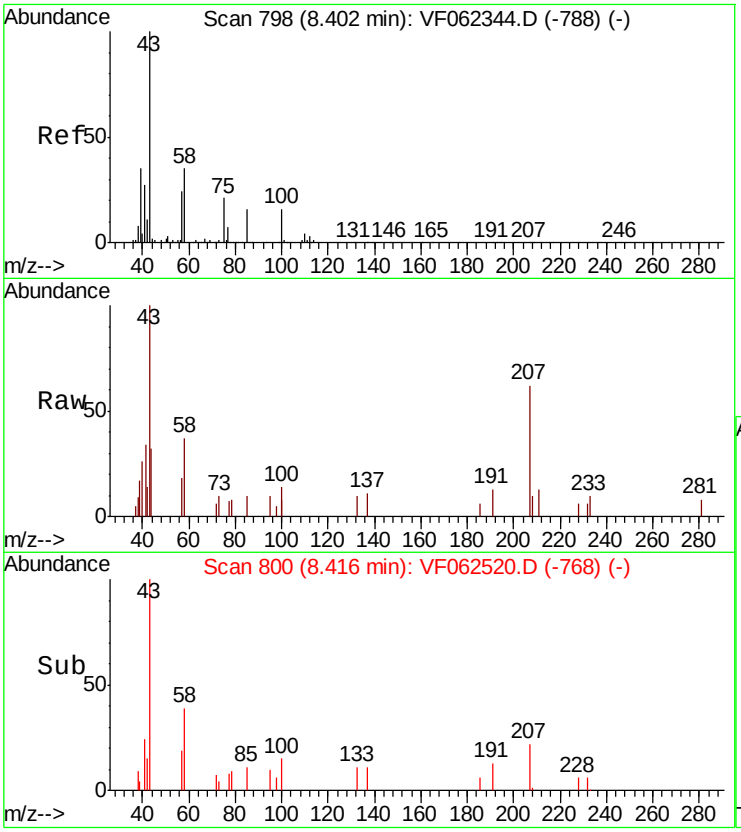


#50
Toluene-d8
Concen: 34.720 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 98 Resp: 254515

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9



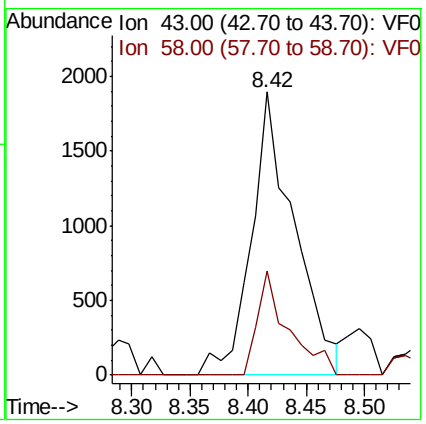


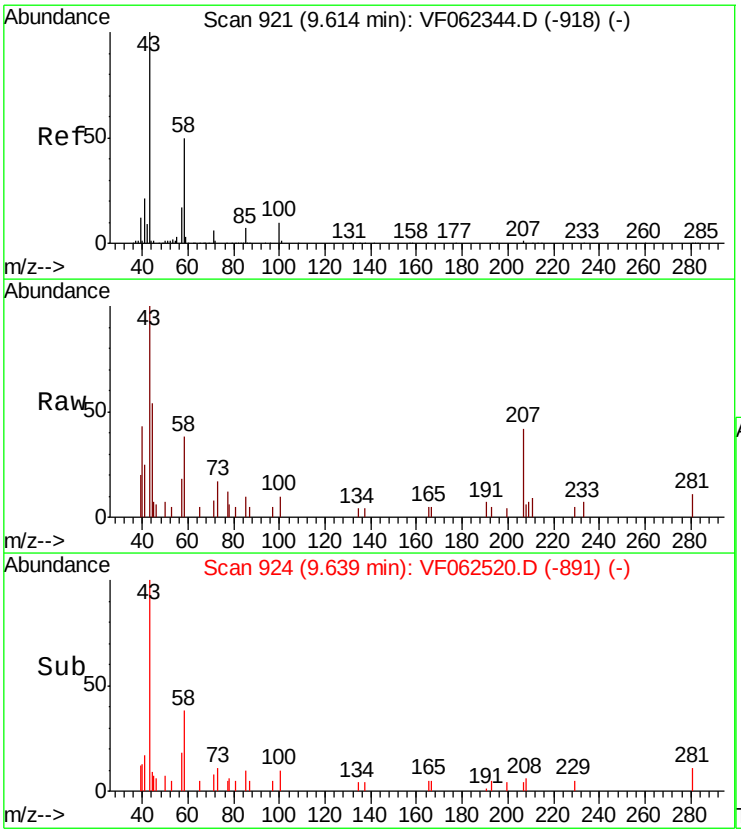
#51
4-Methyl-2-Pentanone
Concen: 4.318 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument : MSVOA_F
ClientSampleId : P021-SS005-0002-01

Tgt Ion: 43 Resp: 4859

Ion	Ratio	Lower	Upper
43	100		
58	26.2	27.8	41.6#

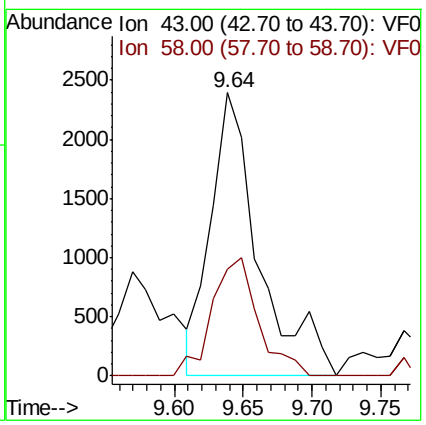


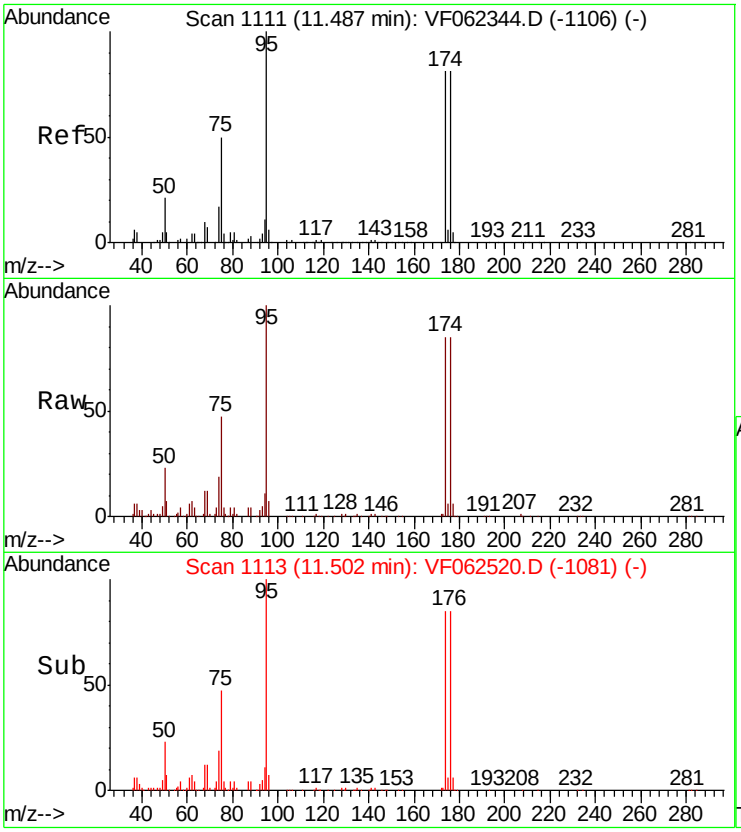


#59
2-Hexanone
Concen: 7.454 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 5802

Ion	Ratio	Lower	Upper
43	100		
58	40.4	24.3	73.0



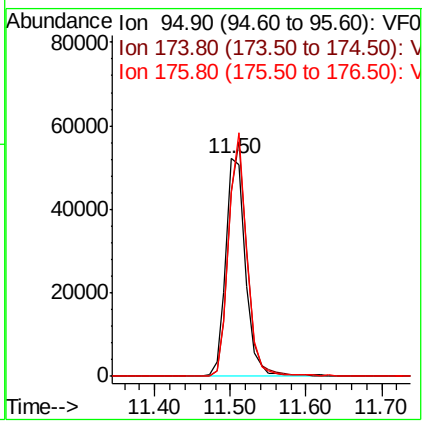


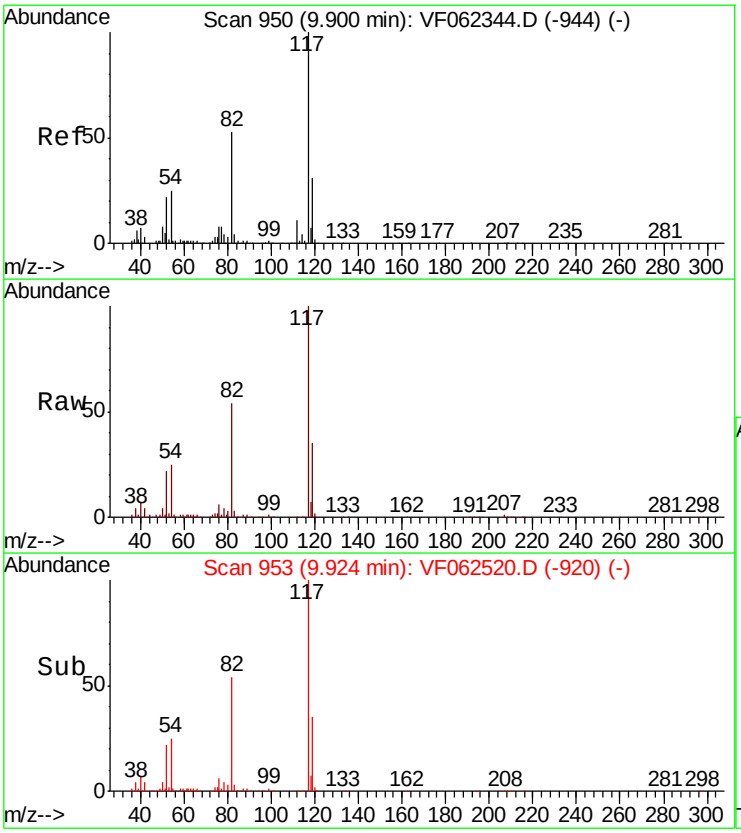
#62
4-Bromofluorobenzene
Concen: 28.660 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion: 95 Resp: 94785

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	191.8
176	101.0	0.0	193.2

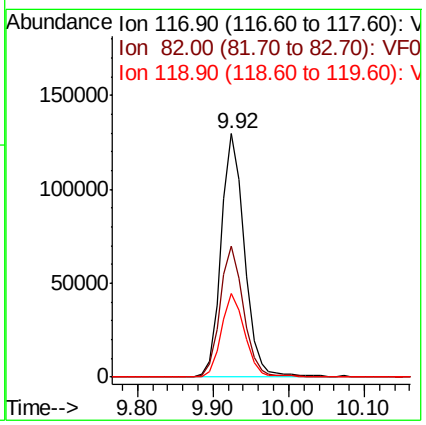


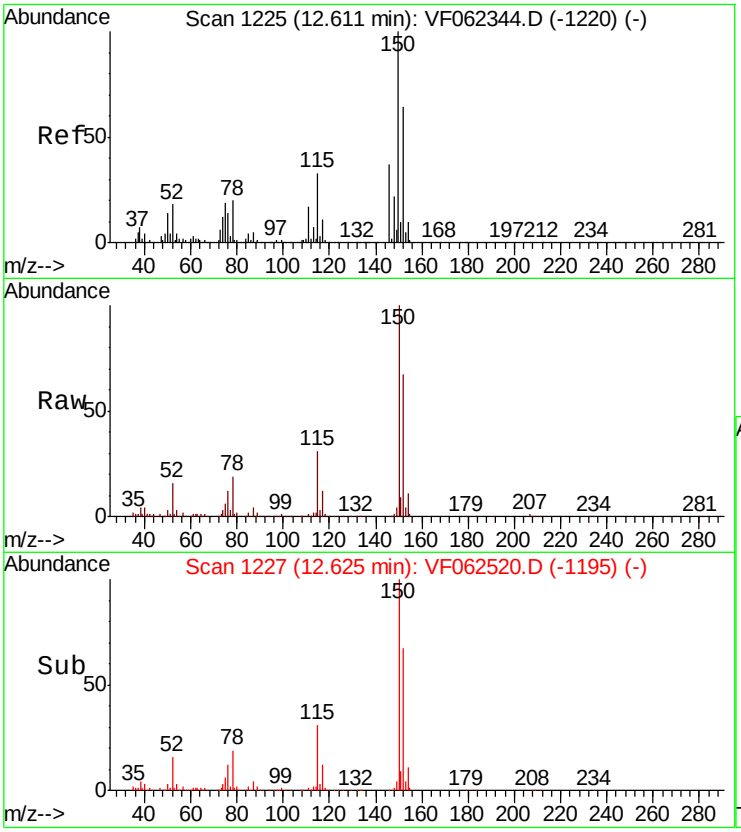


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion:117 Resp: 278653

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.2
119	34.6	25.0	37.4



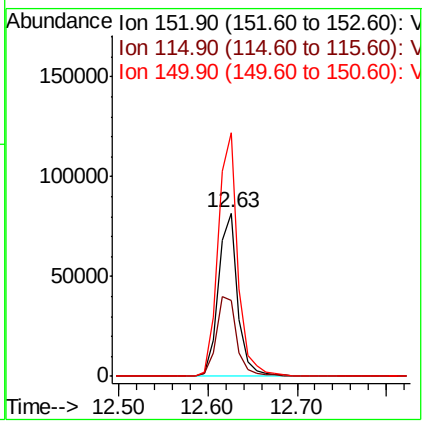


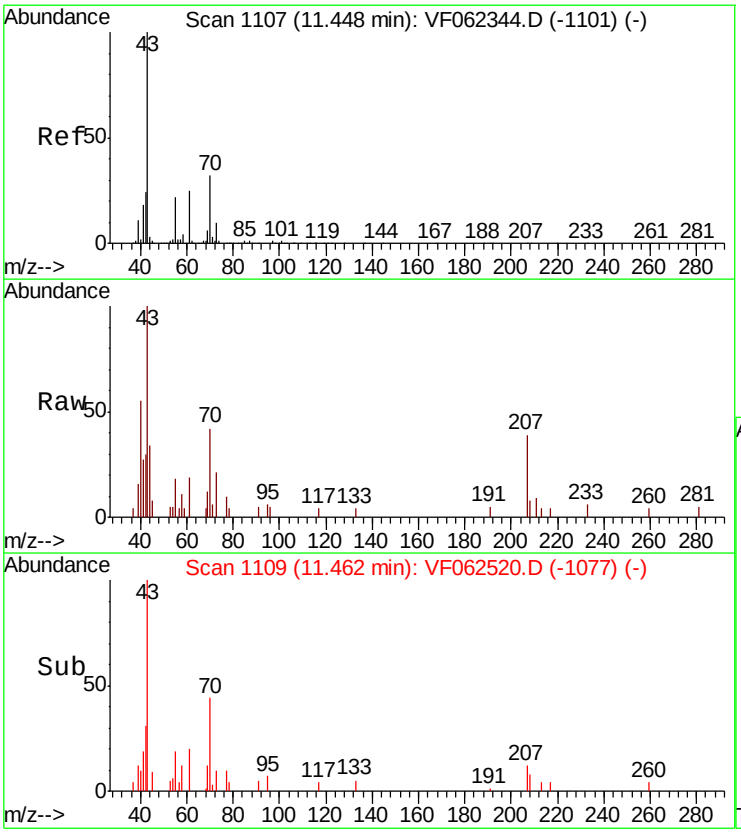
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:152 Resp: 124930

Ion	Ratio	Lower	Upper
152	100		
115	52.2	26.4	79.2
150	152.5	0.0	335.0

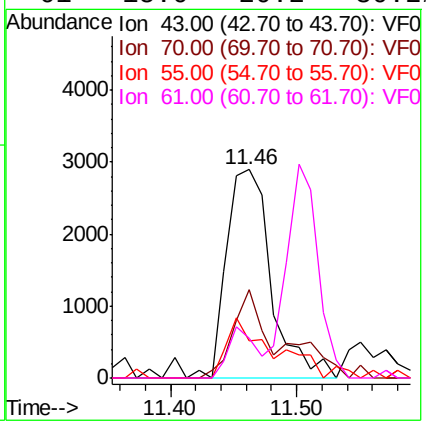


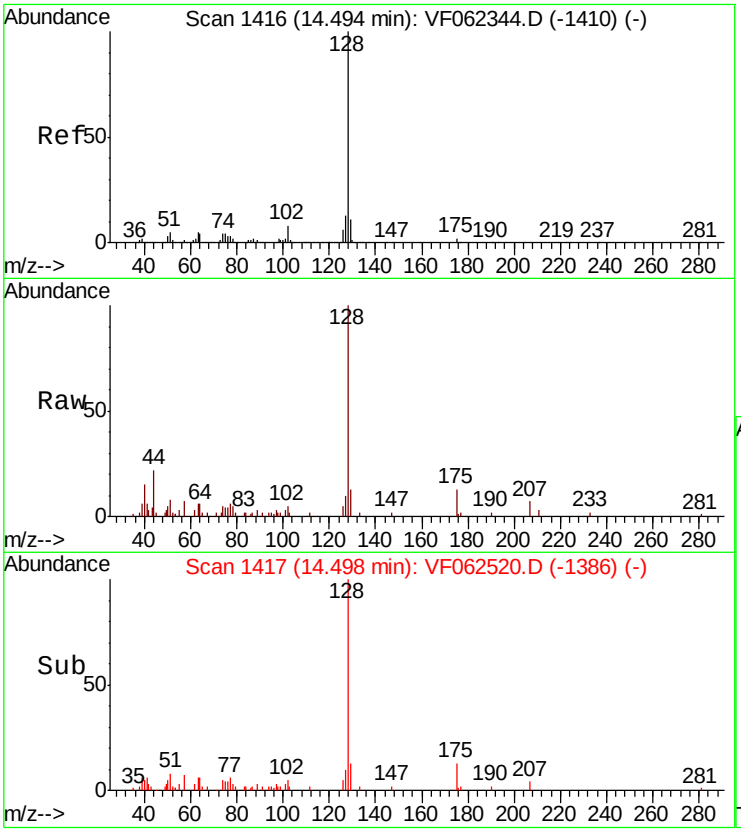


#74
N-amyl acetate
Concen: 4.454 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Tgt Ion: 43 Resp: 7082

Ion	Ratio	Lower	Upper
43	100		
70	28.2	26.5	39.7
55	32.0	17.8	26.6#
61	15.0	20.2	30.2#





#95
Naphthalene
Concen: 2.479 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062520.D
Acq: 13 May 2019 00:36

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0002-01

Tgt Ion:128 Resp: 11488

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	12.2	8.6	12.8