Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062527.D
Acq On : 13 May 2019 3:52
Operator : FY/SY
Sample : K2756-08RE
Misc : 6.09g/5mL/MSVOA_F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS006-0612-01

Quant Time: May 13 04:52:14 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	299692	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	395050	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	339358	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	188563	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	117844	41.61	ug/l	0.03
Spiked Amount 50.000			Recovery = 83.22%			
35) Dibromofluoromethane	4.33	113	146676	46.60	ug/l	0.03
Spiked Amount 50.000			Recovery = 93.20%			
50) Toluene-d8	7.73	98	304268	39.94	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.88%			
62) 4-Bromofluorobenzene	11.51	95	126879	36.91	ug/l	0.02
Spiked Amount 50.000			Recovery = 73.82%			
Target Compounds						Qvalue
5) Bromomethane	1.37	94	998	Below Cal	#	54
11) Tert butyl alcohol	2.73	59	592	3.698	ug/l #	1
13) Acrolein	2.12	56	602	Below Cal	#	46
15) Acrylonitrile	3.07	53	783	2.582	ug/l #	55
16) Acetone	2.36	43	4426	7.725	ug/l #	78
18) Methyl Acetate	2.48	43	1298	Below Cal		92
25) 2-Butanone	4.58	43	1047	1.455	ug/l #	1
29) Tetrahydrofuran	4.27	42	547	1.653	ug/l #	61
37) Ethyl Acetate	4.32	43	423	Below Cal	#	73
38) Carbon Tetrachloride	4.15	117	62	Below Cal	#	1
39) Methylcyclohexane	5.80	83	6792	1.996	ug/l #	35
49) 1,4-Dioxane	7.01	88	61	Below Cal	#	1
59) 2-Hexanone	9.64	43	1318	1.629	ug/l	67

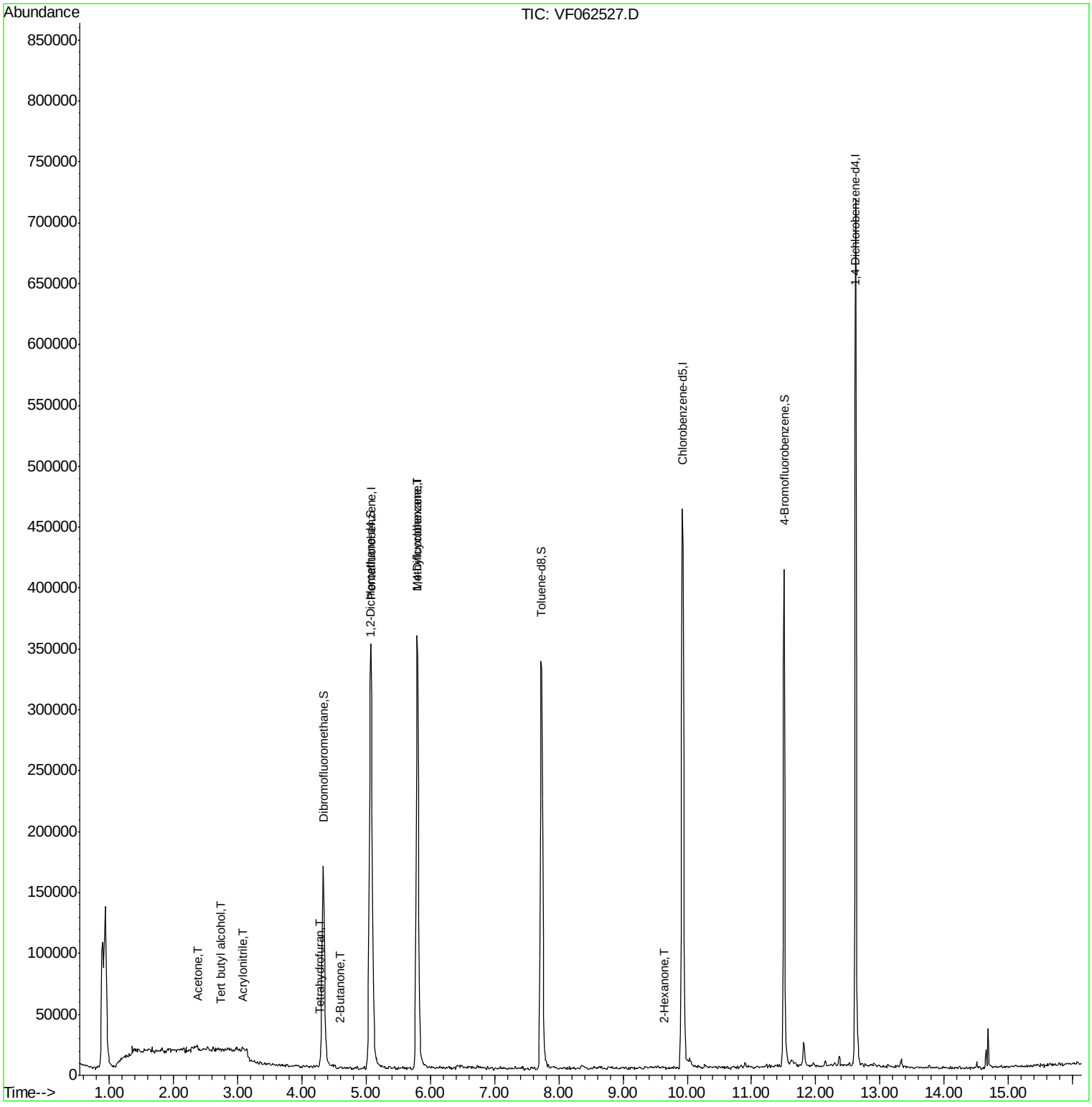
(#) = qualifier out of range (m) = manual integration (+) = signals summed

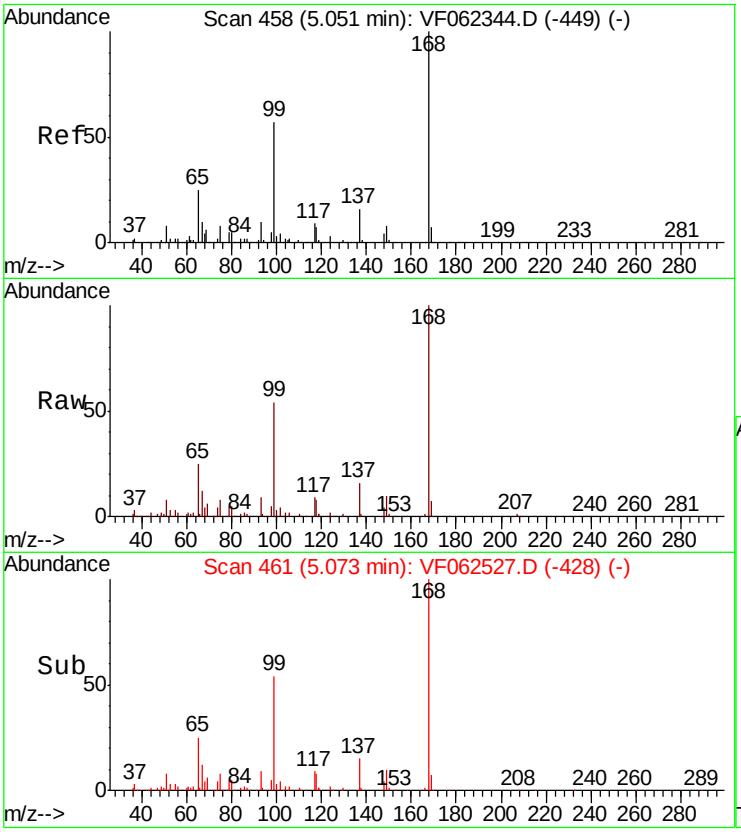
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062527.D
Acq On : 13 May 2019 3:52
Operator : FY/SY
Sample : K2756-08RE
Misc : 6.09g/5mL/MSVOA_F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Quant Time: May 13 04:52:14 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



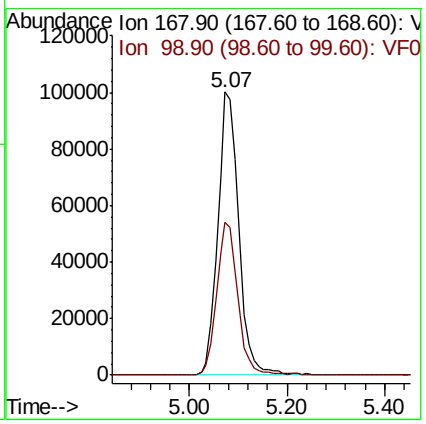


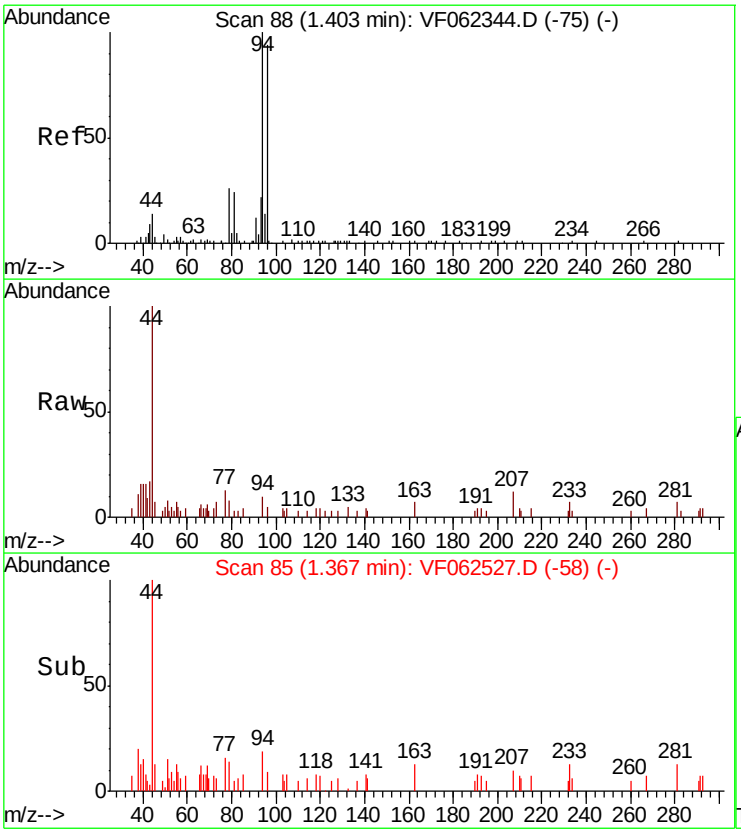
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:168 Resp: 299692

Ion	Ratio	Lower	Upper
168	100		
99	53.8	45.9	68.9

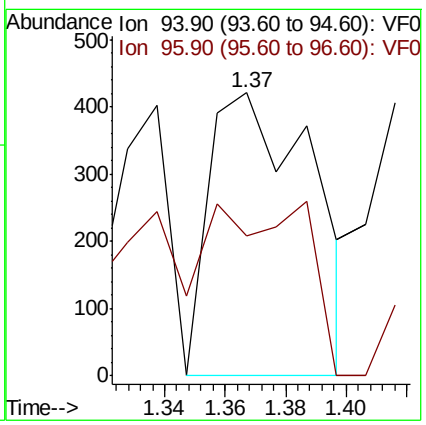


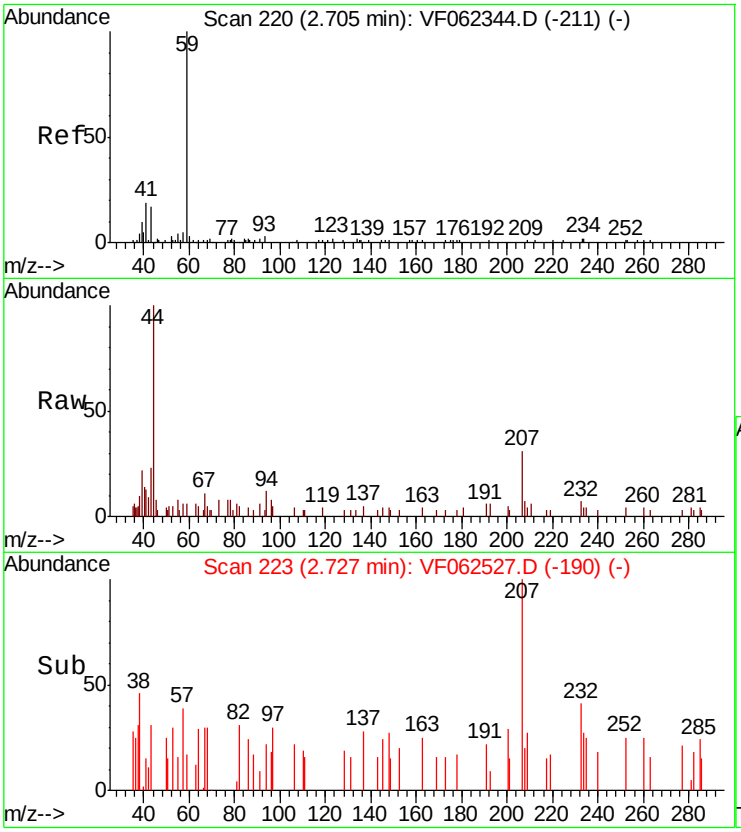


#5
Bromomethane
Concen: Below Cal
RT: 1.37 min Scan# 85
Delta R.T. -0.04 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 94 Resp: 998

Ion	Ratio	Lower	Upper
94	100		
96	49.4	75.4	113.2#



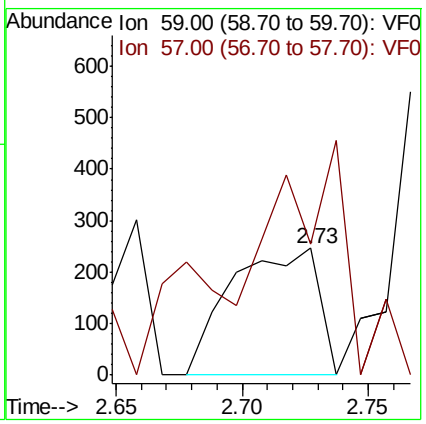


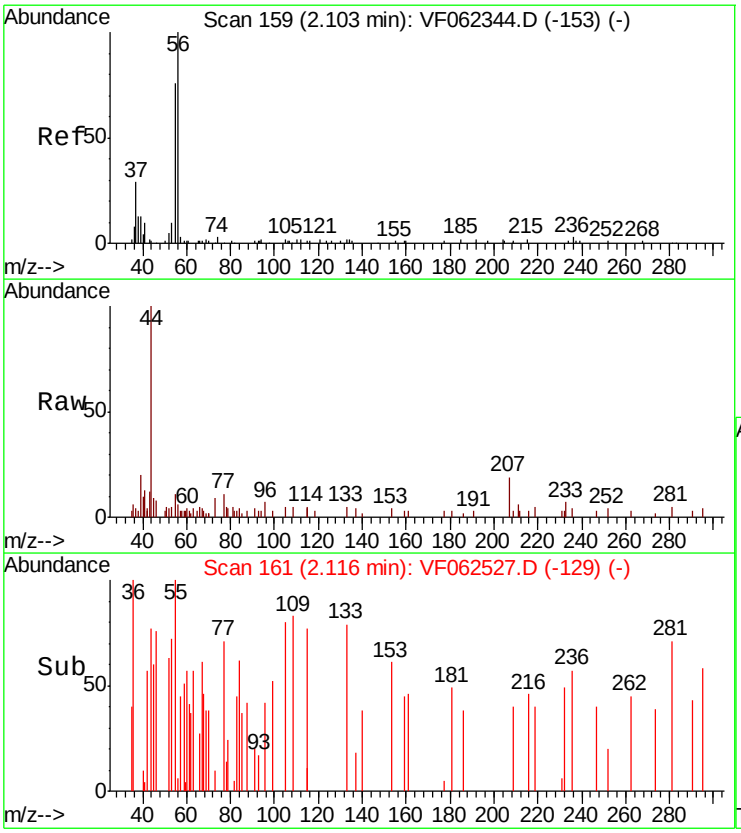
#11
Tert butyl alcohol
Concen: 3.698 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument : MSVOA_F
ClientSampleId : P021-SS006-0612-01

Tgt Ion: 59 Resp: 592

Ion	Ratio	Lower	Upper
59	100		
57	150.7	9.3	13.9#

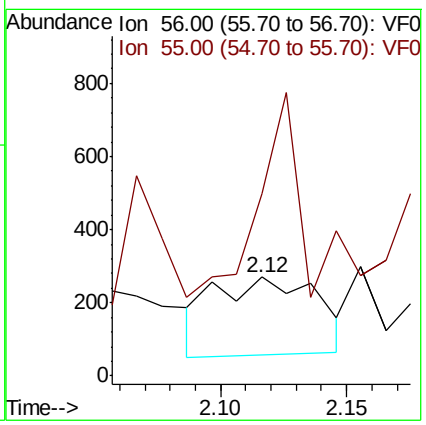


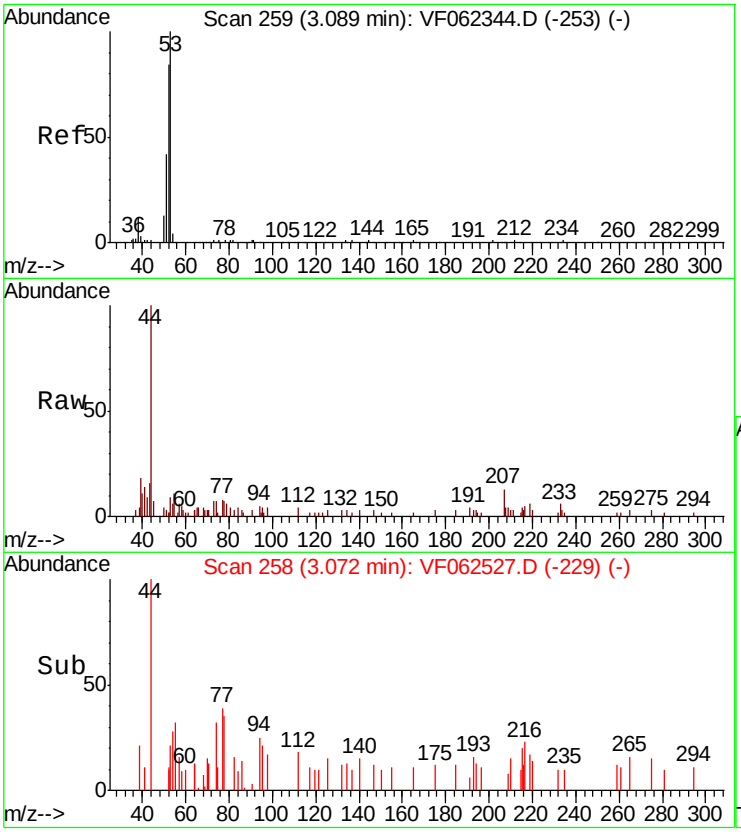


#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 56 Resp: 602

Ion	Ratio	Lower	Upper
56	100		
55	118.1	58.4	87.6#



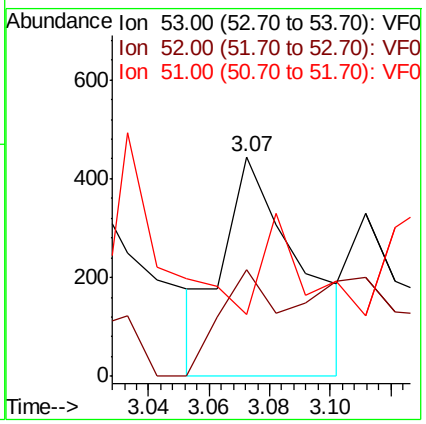


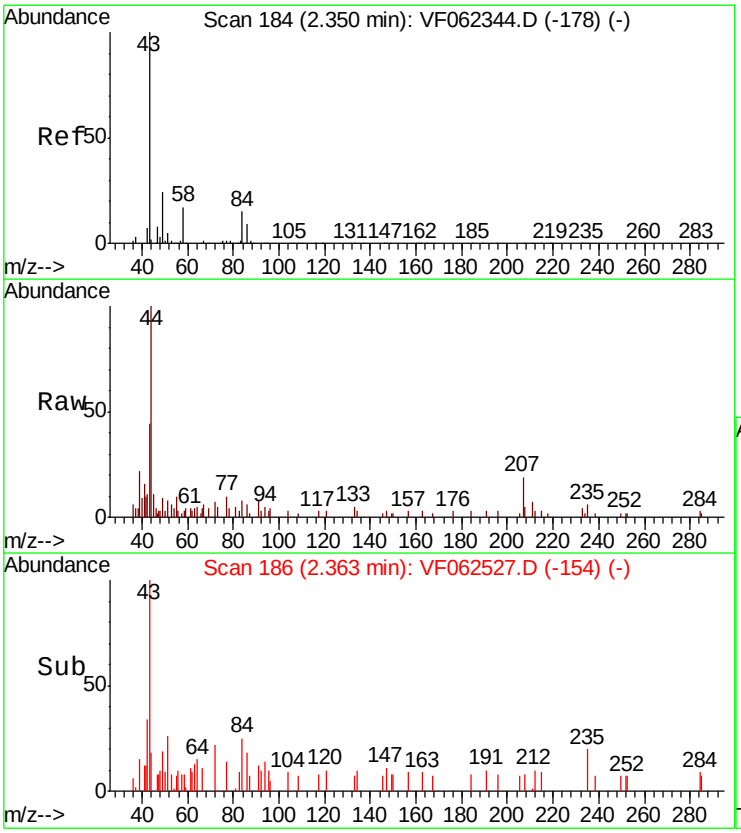
#15
Acrylonitrile
Concen: 2.582 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 53 Resp: 783

Ion	Ratio	Lower	Upper
53	100		
52	35.0	77.2	115.8#
51	42.5	40.6	61.0

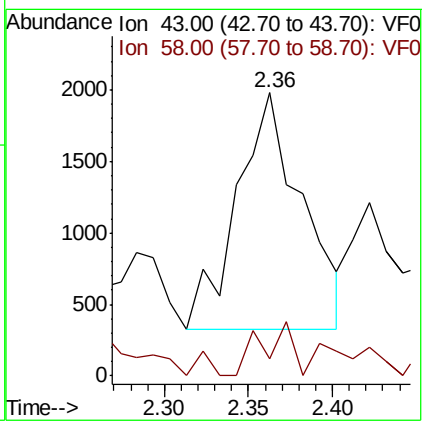


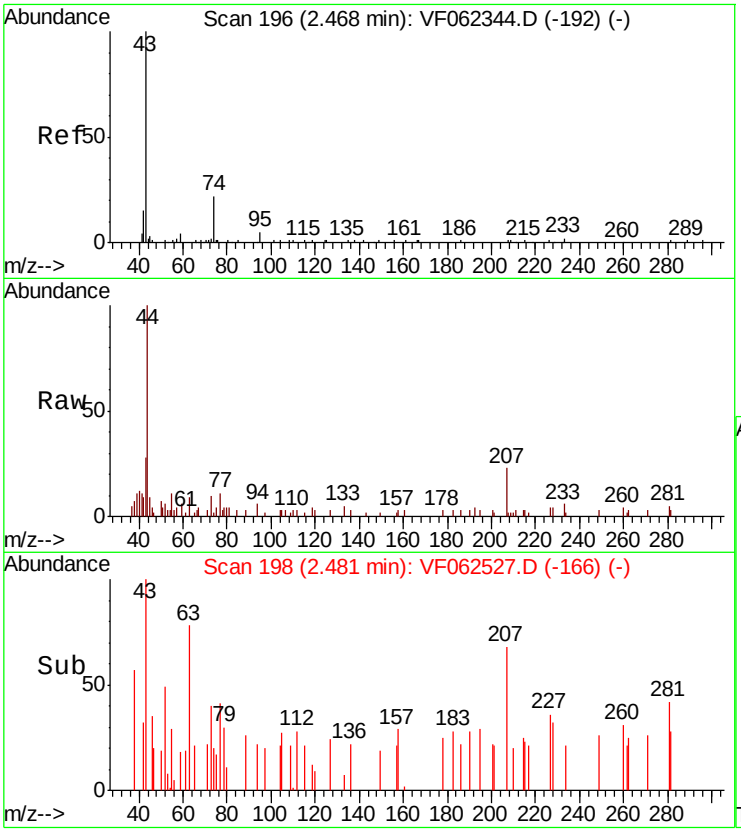


#16
Acetone
Concen: 7.725 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 43 Resp: 4426

Ion	Ratio	Lower	Upper
43	100		
58	7.1	13.1	19.7#



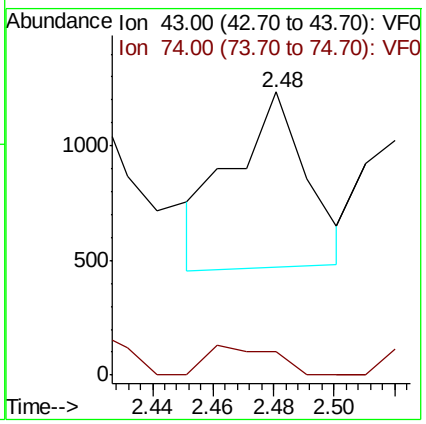


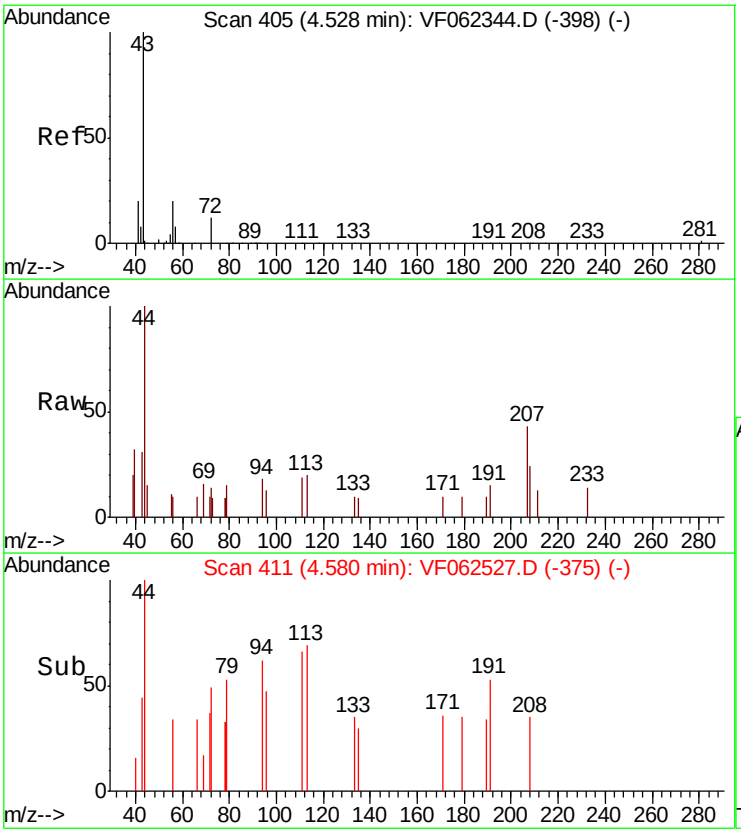
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 43 Resp: 1298

Ion	Ratio	Lower	Upper
43	100		
74	15.3	15.0	22.4

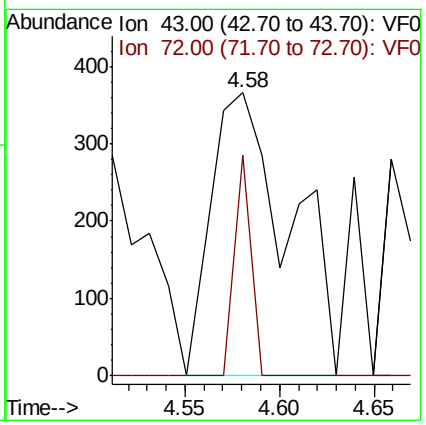


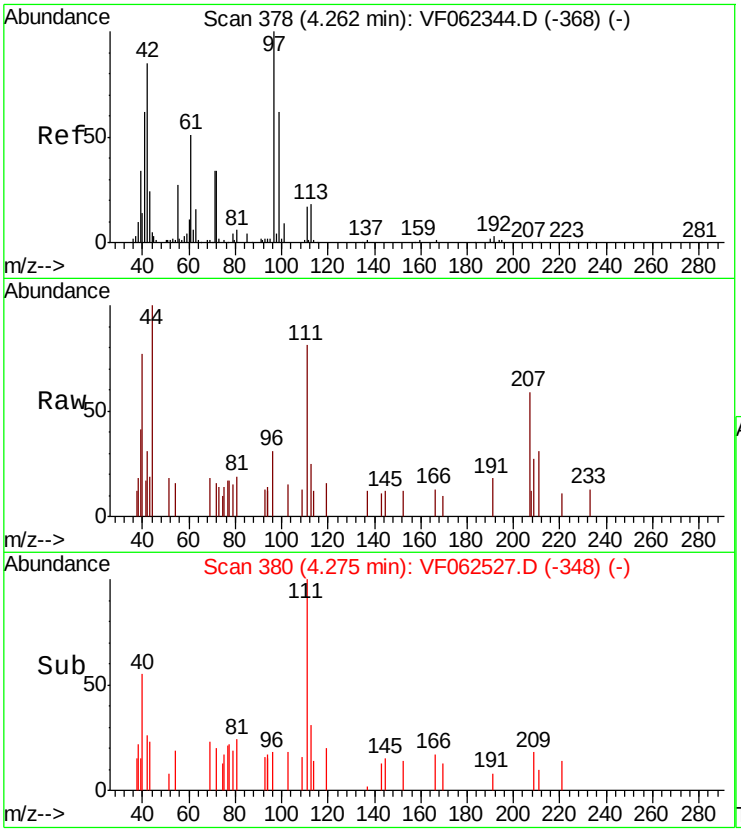


#25
2-Butanone
Concen: 1.455 ug/l
RT: 4.58 min Scan# 411
Delta R.T. 0.05 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 43 Resp: 1047

Ion	Ratio	Lower	Upper
43	100		
72	78.1	14.2	21.4#



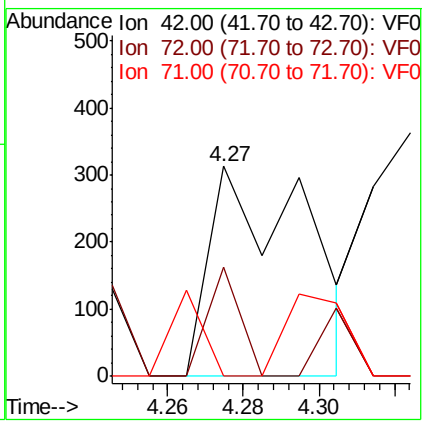


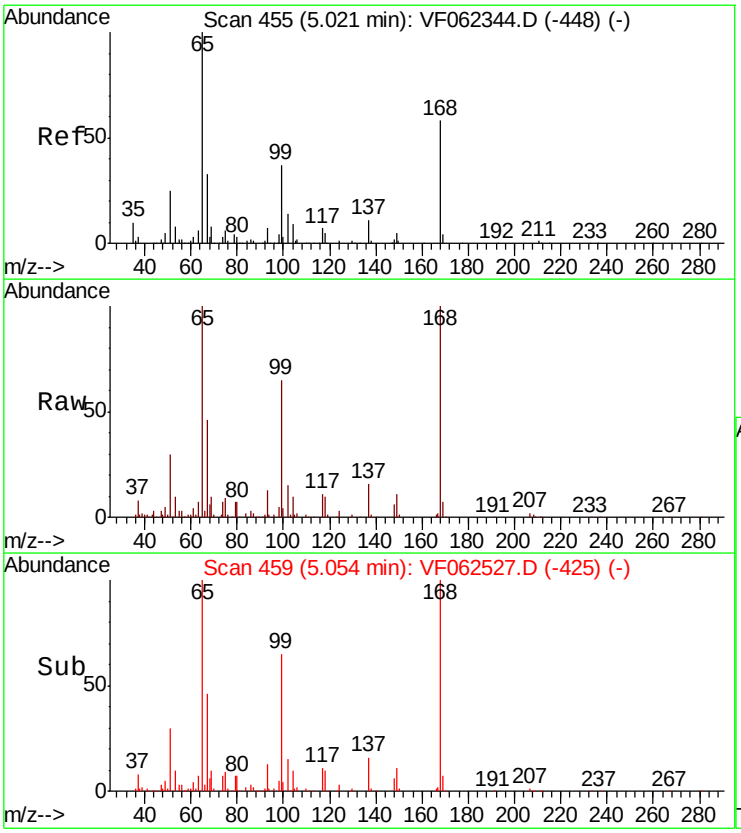
#29
Tetrahydrofuran
Concen: 1.653 ug/l
RT: 4.27 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 42 Resp: 547

Ion	Ratio	Lower	Upper
42	100		
72	17.6	31.4	47.0#
71	13.9	31.7	47.5#

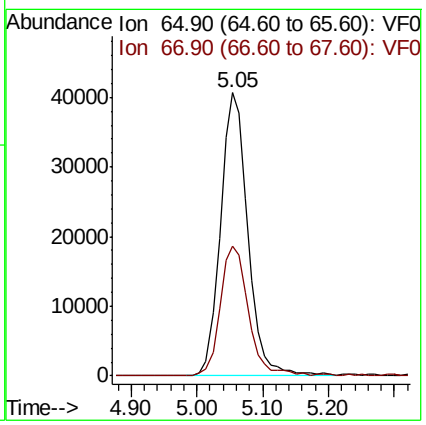


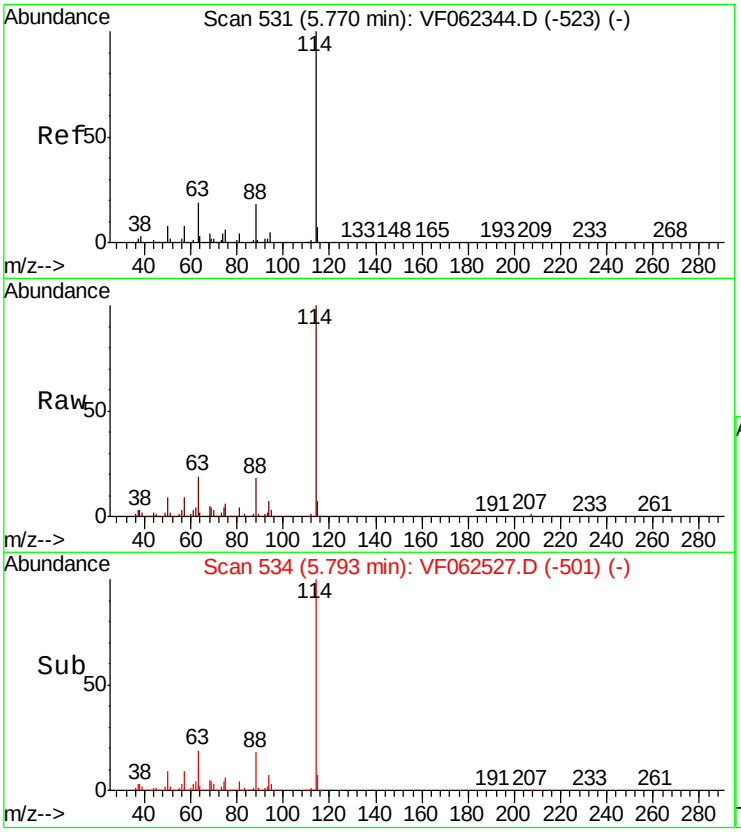


#33
1,2-Dichloroethane-d4
Concen: 41.608 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 65 Resp: 117844

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	85.8



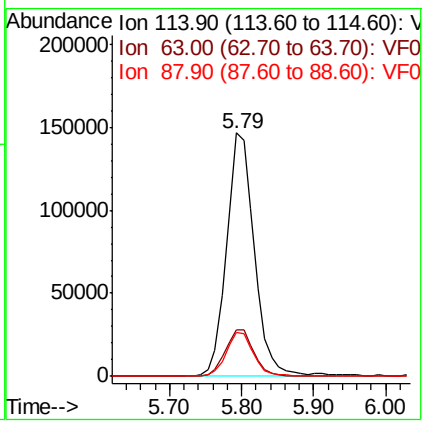


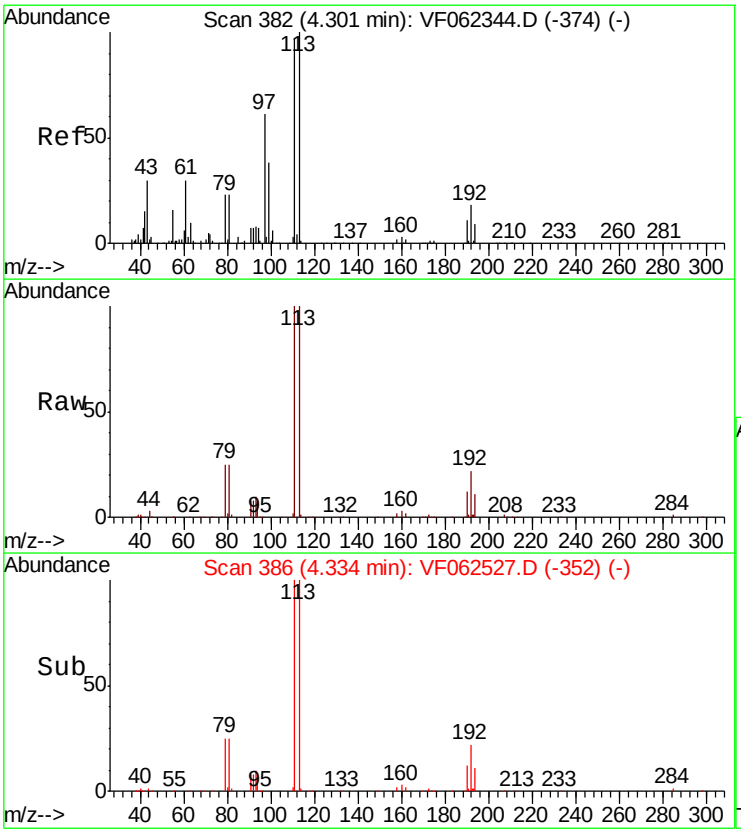
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:114 Resp: 395050

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	17.9	0.0	36.4

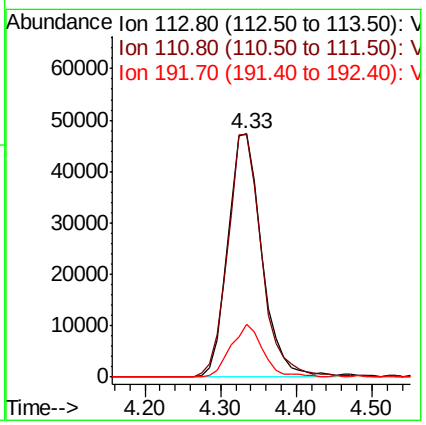


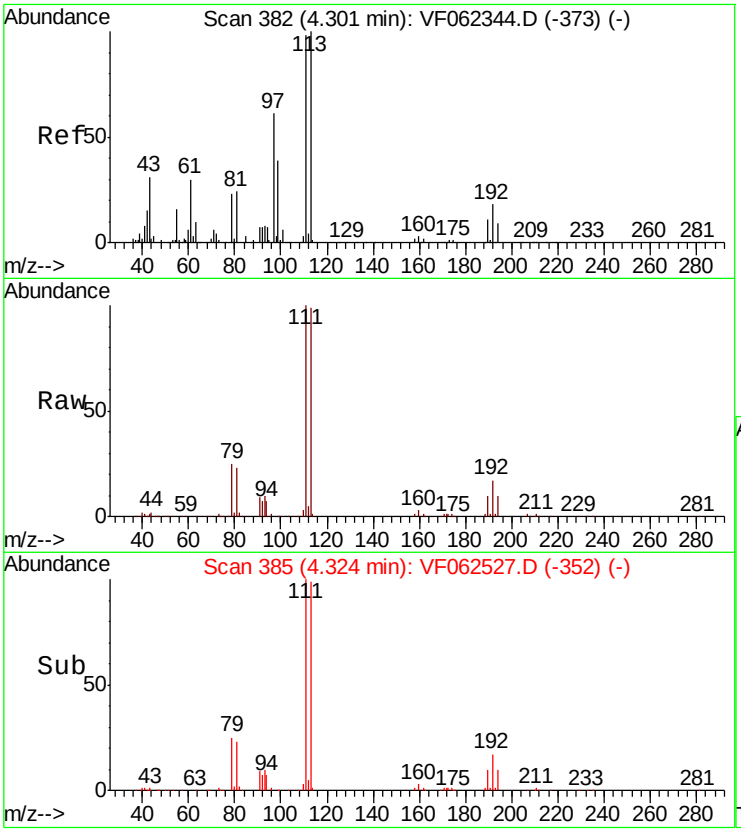


#35
Dibromofluoromethane
Concen: 46.604 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion:113 Resp: 146676

Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.4	119.0
192	20.9	16.0	24.0



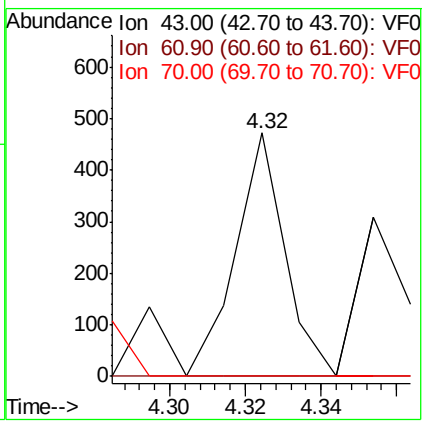


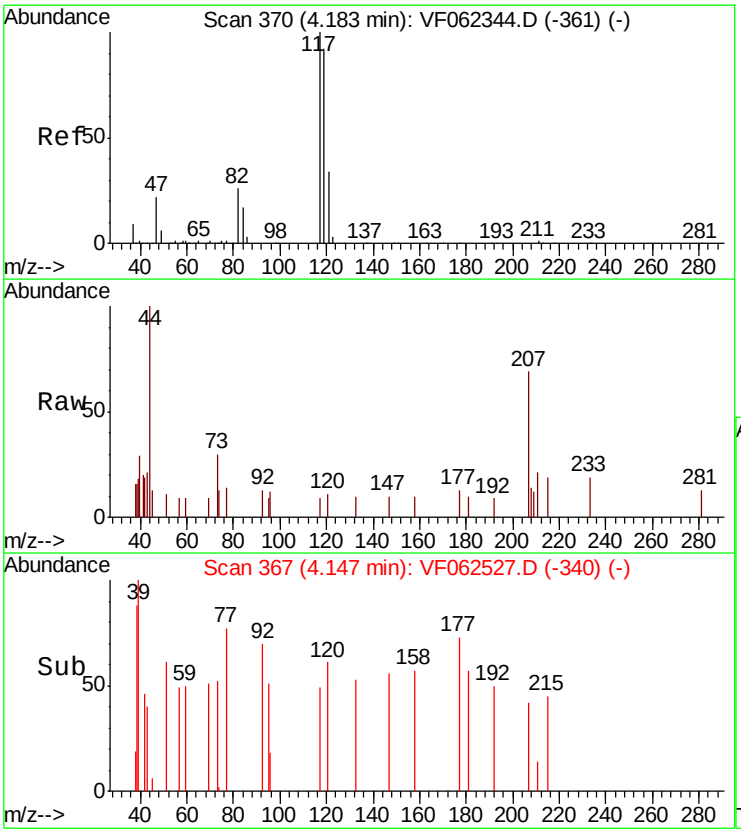
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 43 Resp: 423

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

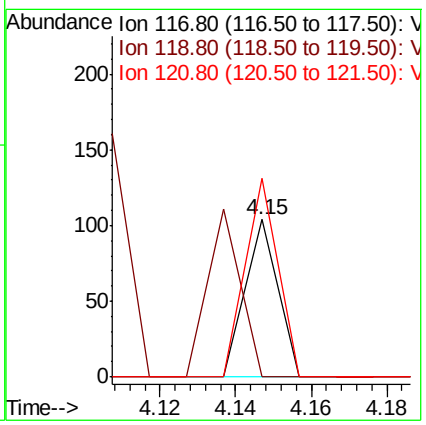


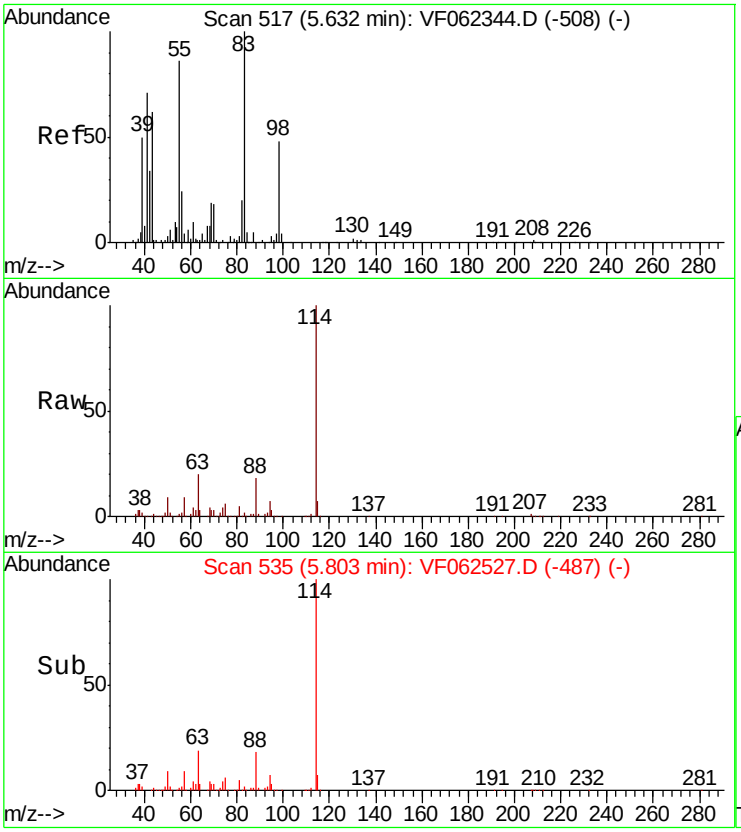


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.15 min Scan# 367
Delta R.T. -0.04 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion:117 Resp: 62

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	126.0	27.4	41.0#



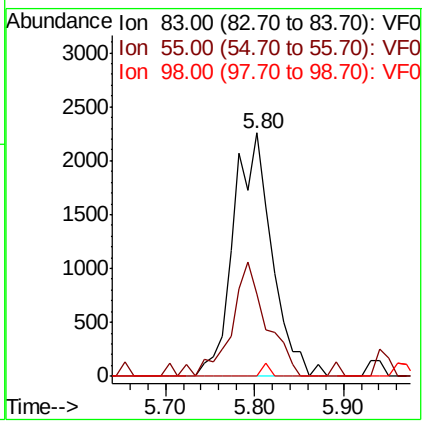


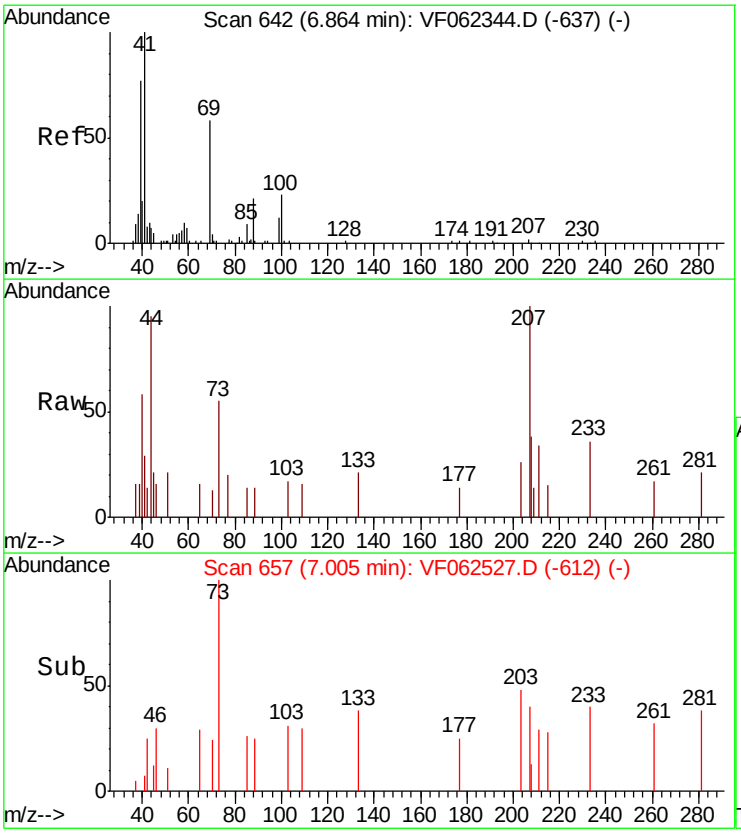
#39
Methylcyclohexane
Concen: 1.996 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.17 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 83 Resp: 6792

Ion	Ratio	Lower	Upper
83	100		
55	29.3	69.0	103.6#
98	0.0	38.6	58.0#

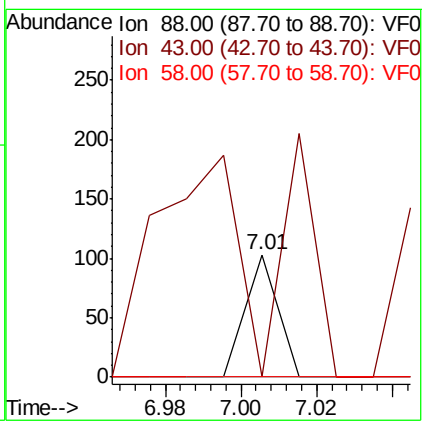


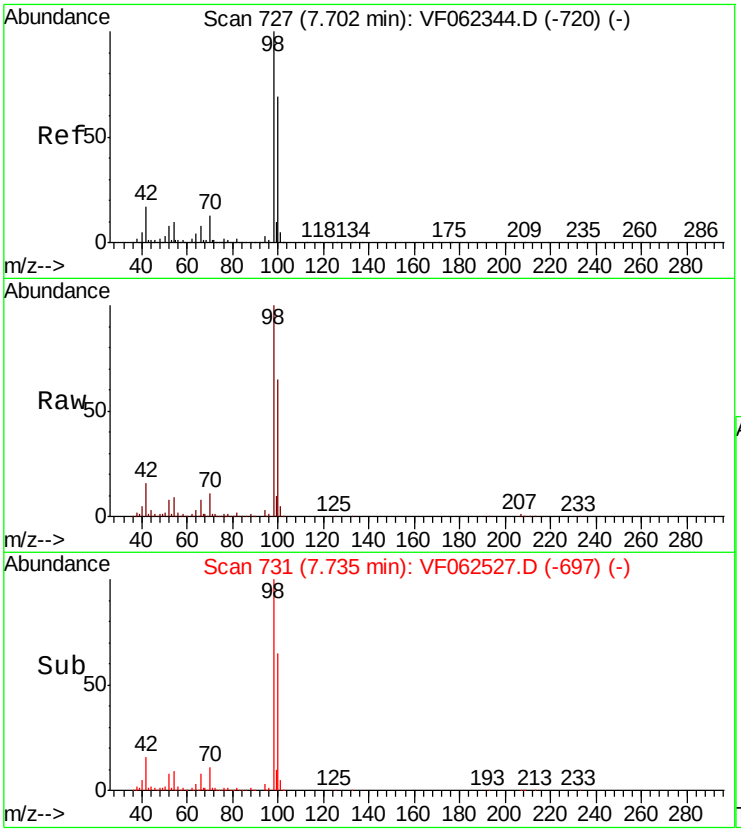


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.01 min Scan# 657
Delta R.T. 0.14 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	768.9	55.6	83.4#
58	0.0	52.8	79.2#



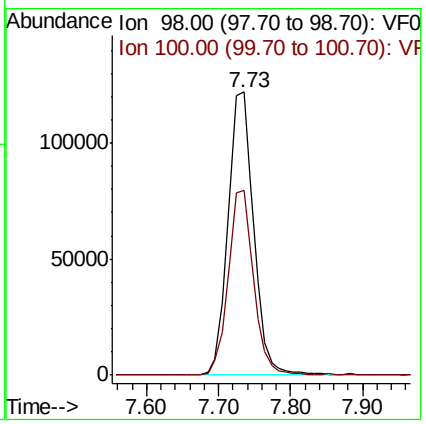


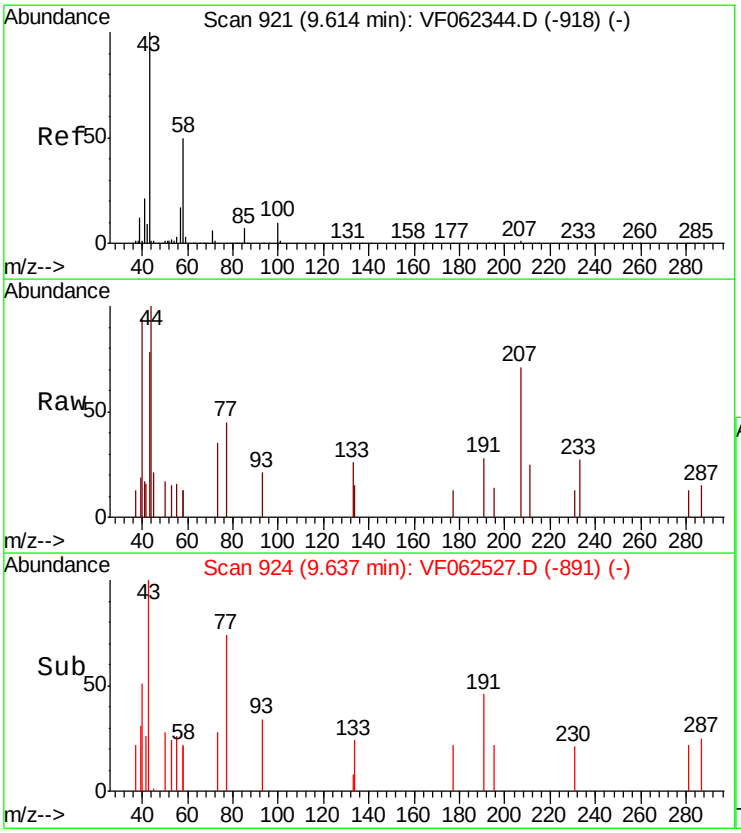
#50
Toluene-d8
Concen: 39.938 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 98 Resp: 304268

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.3	79.9

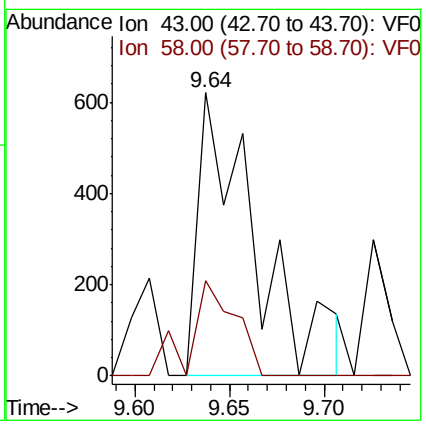


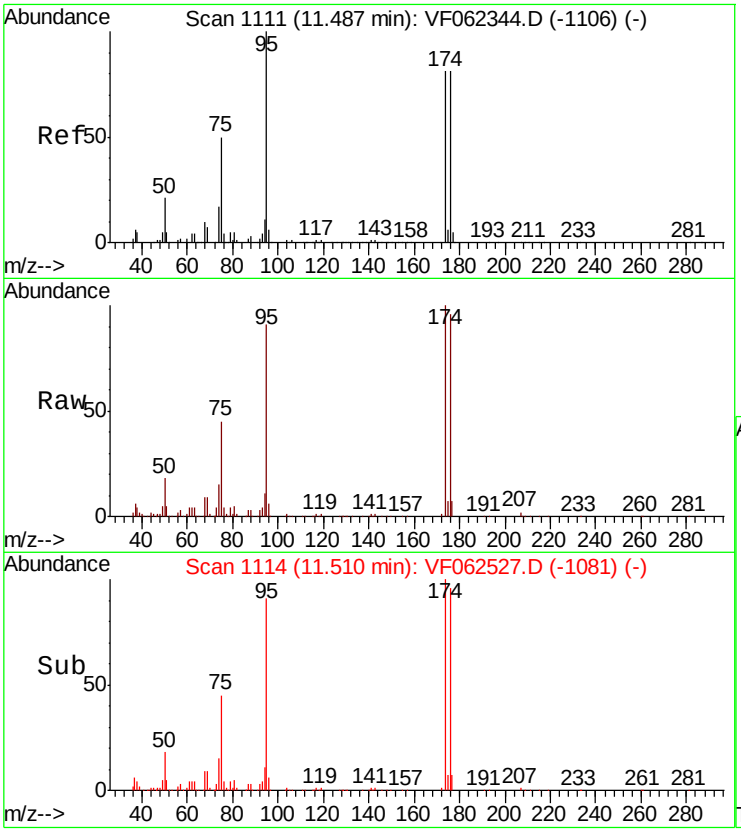


#59
2-Hexanone
Concen: 1.629 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion: 43 Resp: 1318

Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.3	73.0



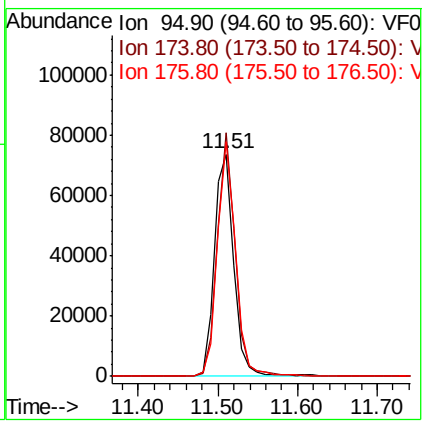


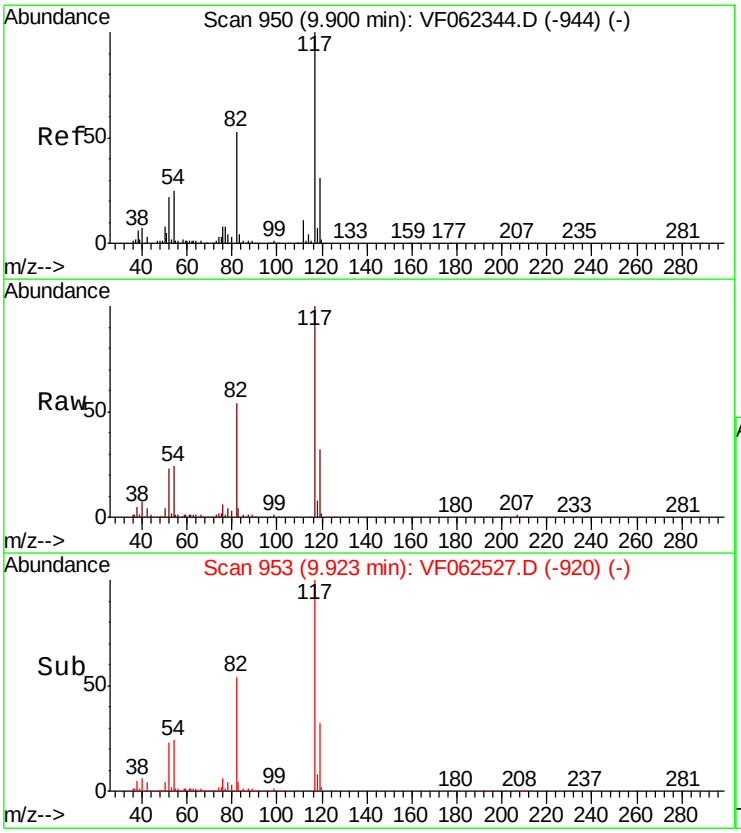
#62
4-Bromofluorobenzene
Concen: 36.914 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 95 Resp: 126879

Ion	Ratio	Lower	Upper
95	100		
174	101.7	0.0	191.8
176	100.2	0.0	193.2

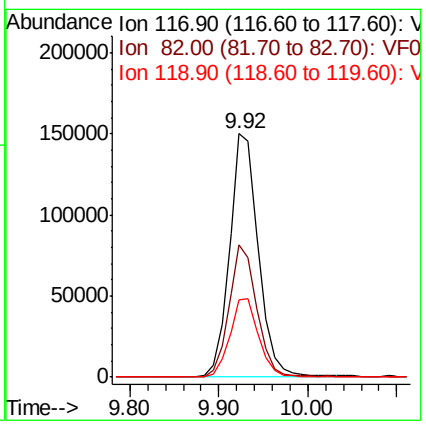


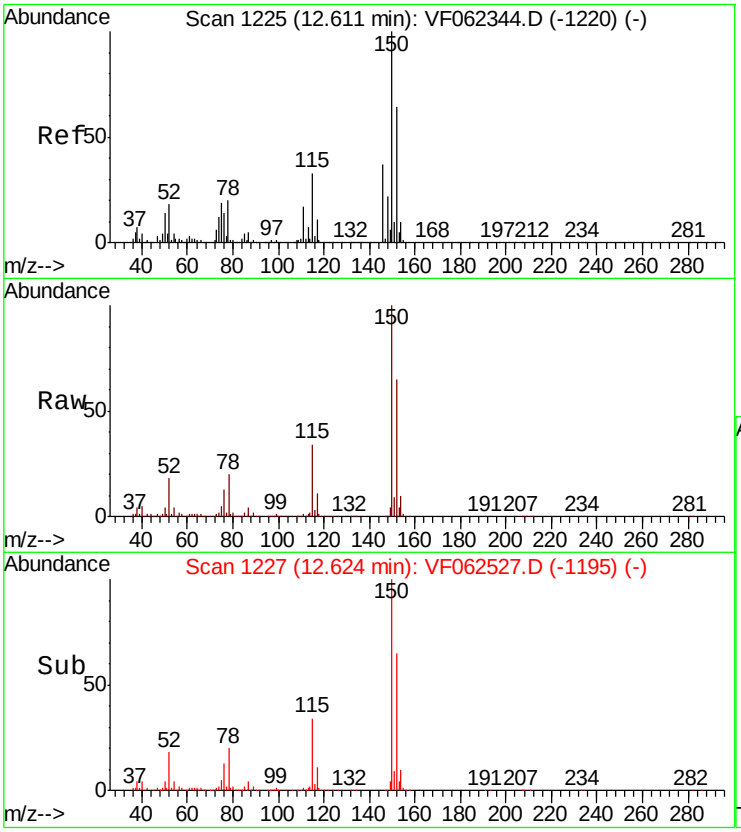


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion:117 Resp: 339358

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.2
119	31.8	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:152 Resp: 188563

Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.4	79.2
150	152.4	0.0	335.0