Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062556.D
Acq On : 13 May 2019 21:59
Operator : FY/SY
Sample : K2733-13RE
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS002-1824-01RE

Quant Time: May 14 07:05:14 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	5.08	168	277399	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	349452	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	251283	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	107040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	106875	40.77	ug/l	0.03
Spiked Amount 50.000			Recovery = 81.54%			
35) Dibromofluoromethane	4.33	113	121211	43.54	ug/l	0.03
Spiked Amount 50.000			Recovery = 87.08%			
50) Toluene-d8	7.73	98	226774	33.65	ug/l	0.03
Spiked Amount 50.000			Recovery = 67.30%			
62) 4-Bromofluorobenzene	11.51	95	75775	24.92	ug/l	0.02
Spiked Amount 50.000			Recovery = 49.84%			
Target Compounds						Qvalue
5) Bromomethane	1.34	94	132	Below Cal		92
11) Tert butyl alcohol	2.70	59	905	6.108	ug/l #	42
13) Acrolein	2.13	56	219	Below Cal	#	34
15) Acrylonitrile	3.11	53	725	2.583	ug/l #	46
16) Acetone	2.35	43	2073	3.909	ug/l #	88
18) Methyl Acetate	2.47	43	473	Below Cal	#	58
25) 2-Butanone	4.56	43	1046	1.570	ug/l #	67
29) Tetrahydrofuran	4.30	42	526	1.718	ug/l #	63
37) Ethyl Acetate	4.30	43	137	Below Cal	#	73
38) Carbon Tetrachloride	4.19	117	66	Below Cal	#	14
39) Methylcyclohexane	5.79	83	5663	1.881	ug/l #	36
41) Methacrylonitrile	4.94	41	756	1.050	ug/l #	49
49) 1,4-Dioxane	6.86	88	60	Below Cal	#	1
59) 2-Hexanone	9.64	43	1224	1.711	ug/l #	62

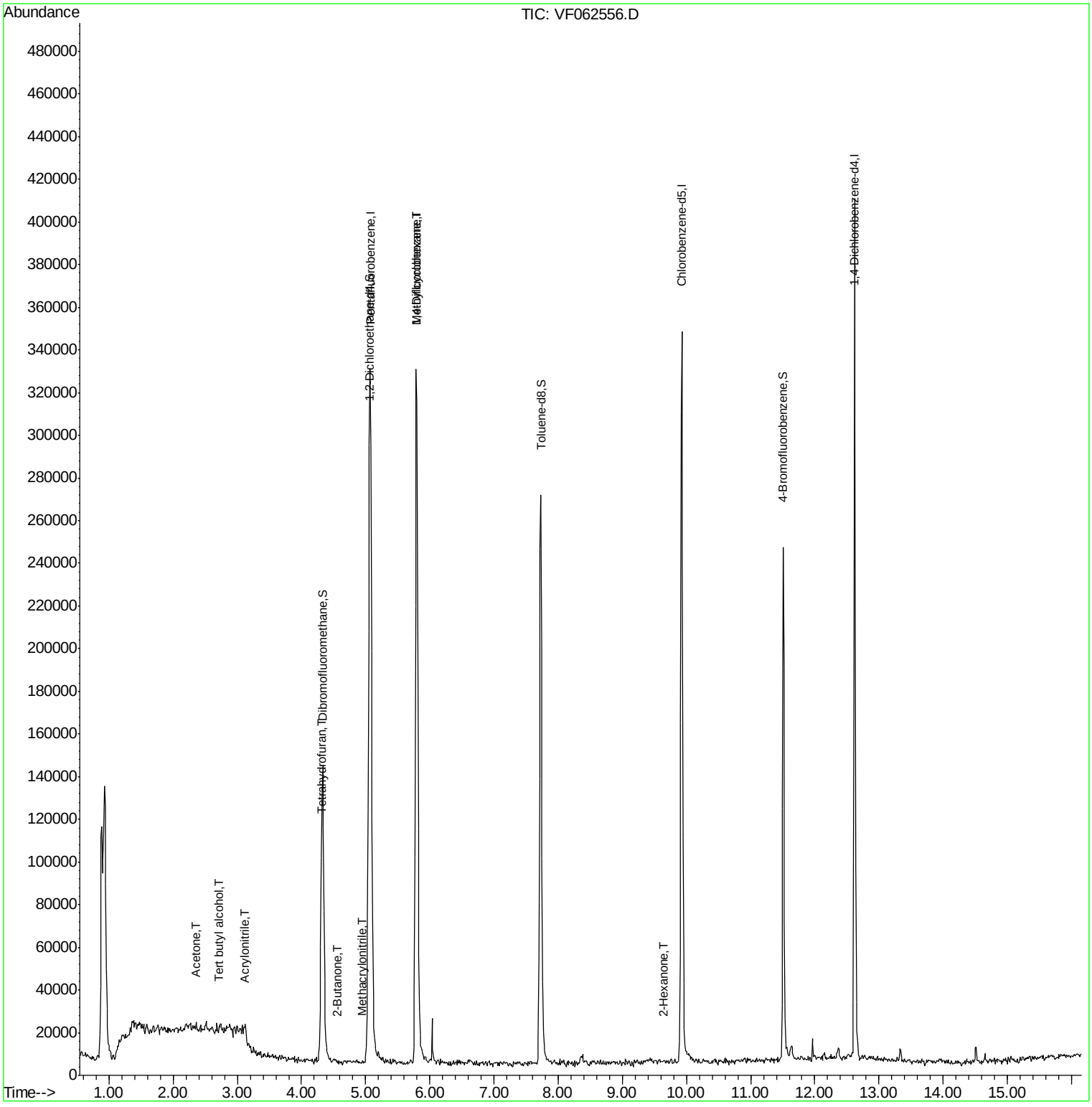
(#) = qualifier out of range (m) = manual integration (+) = signals summed

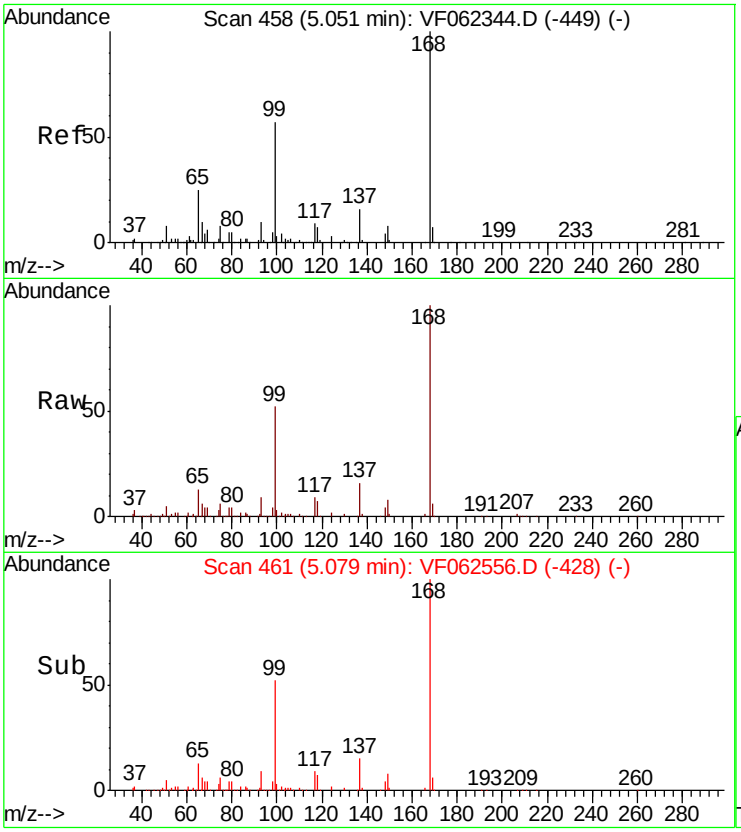
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
Data File : VF062556.D
Acq On : 13 May 2019 21:59
Operator : FY/SY
Sample : K2733-13RE
Misc : 5.21g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Quant Time: May 14 07:05:14 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



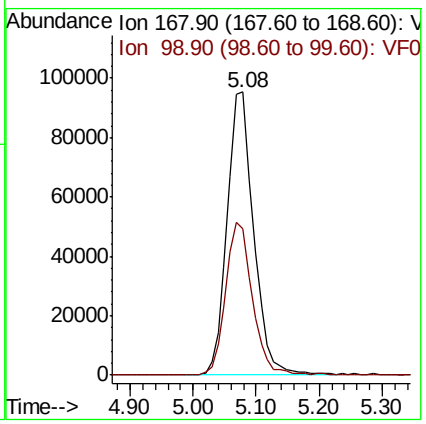


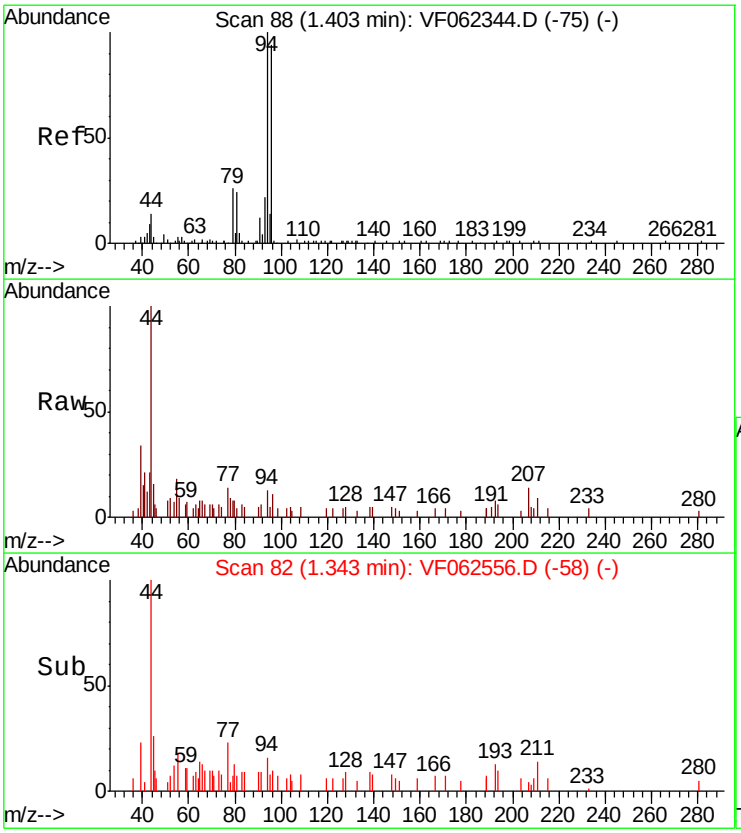
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion:168 Resp: 277399

Ion	Ratio	Lower	Upper
168	100		
99	51.8	45.9	68.9

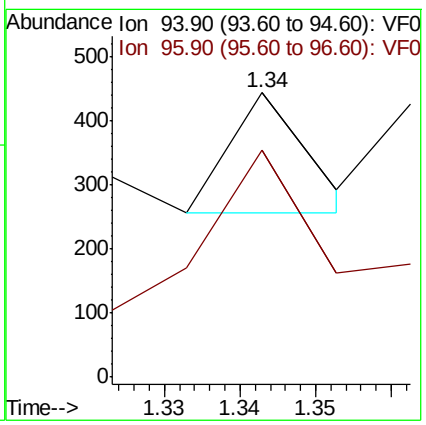


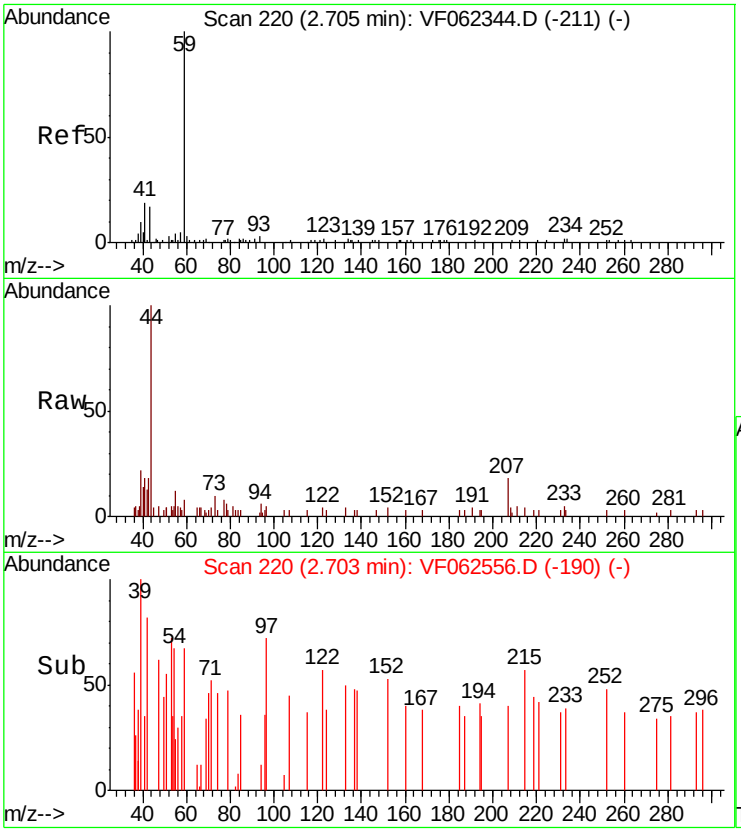


#5
Bromomethane
Concen: Below Cal
RT: 1.34 min Scan# 82
Delta R.T. -0.06 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 94 Resp: 132

Ion	Ratio	Lower	Upper
94	100		
96	101.6	75.4	113.2



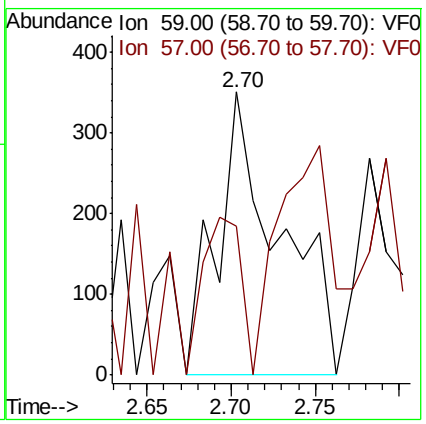


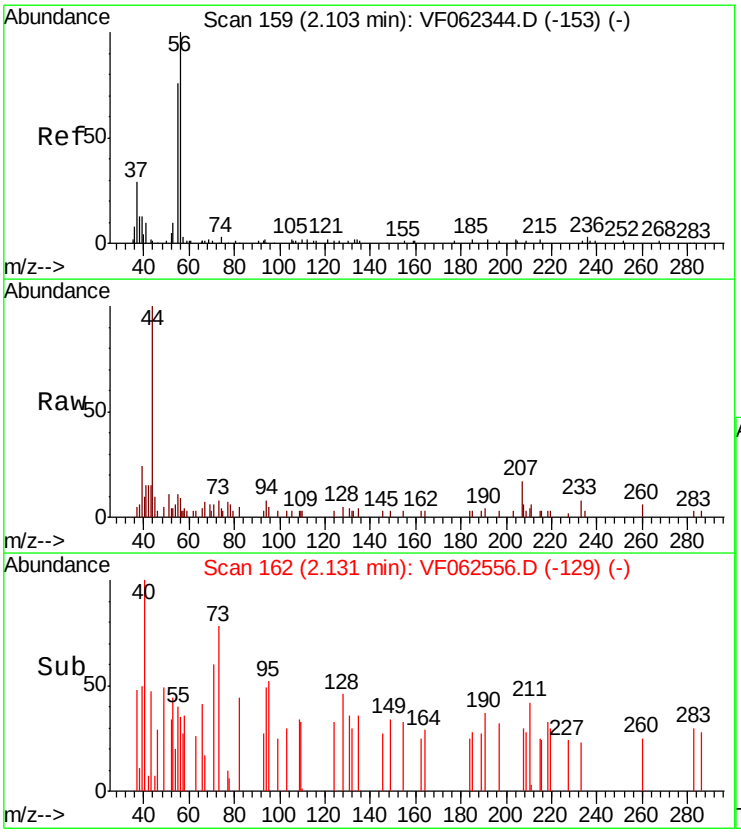
#11
Tert butyl alcohol
Concen: 6.108 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 59 Resp: 905

Ion	Ratio	Lower	Upper
59	100		
57	33.9	9.3	13.9#

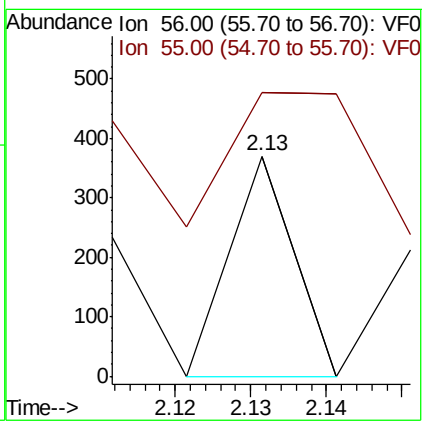


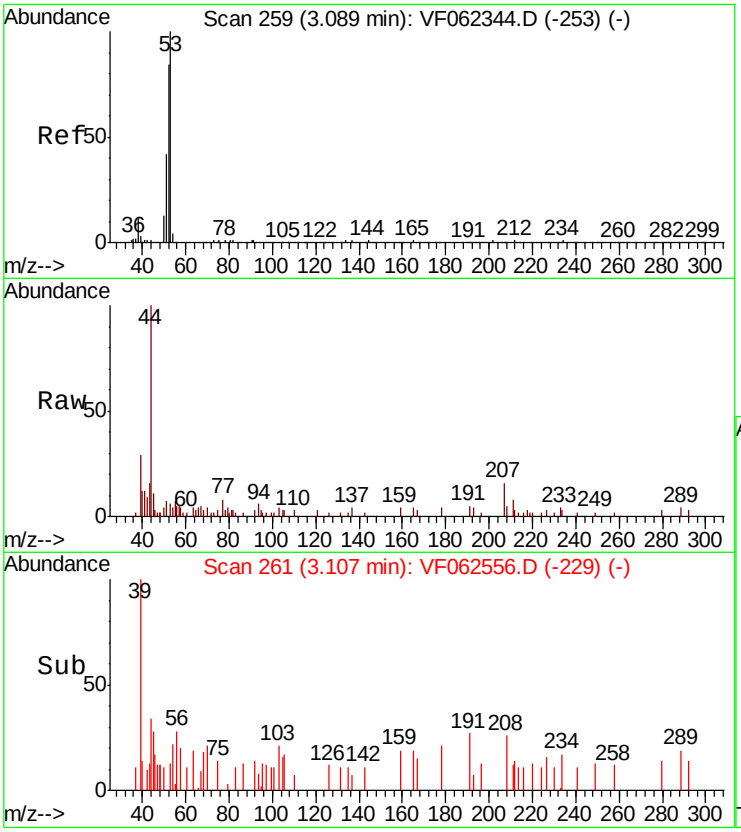


#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 56 Resp: 219

Ion	Ratio	Lower	Upper
56	100		
55	128.8	58.4	87.6#



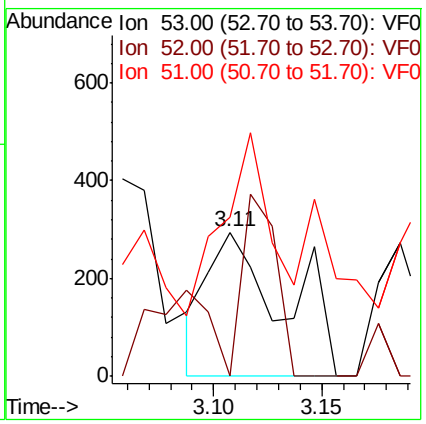


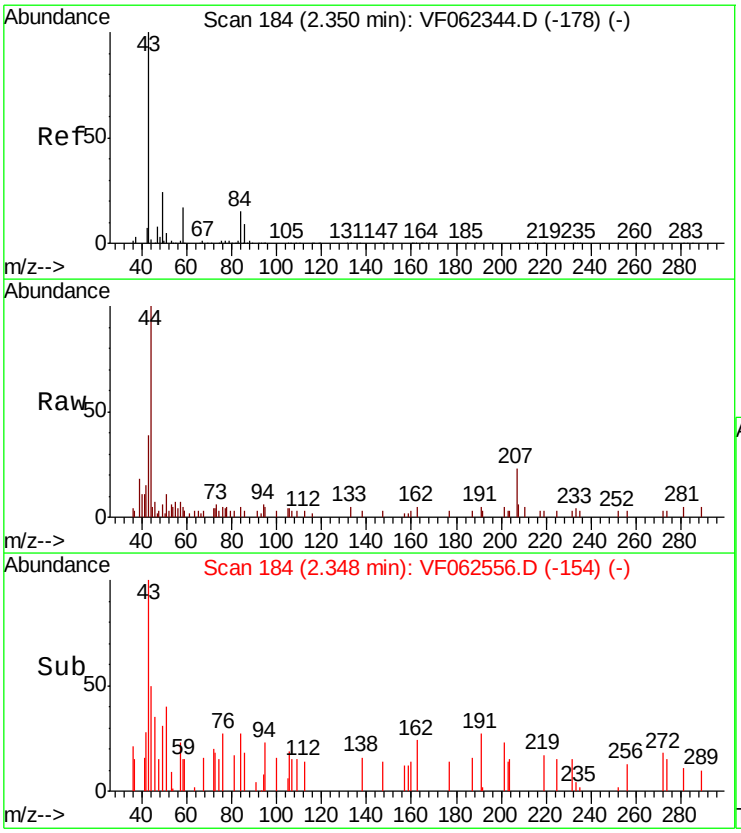
#15
Acrylonitrile
Concen: 2.583 ug/l
RT: 3.11 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 53 Resp: 725

Ion	Ratio	Lower	Upper
53	100		
52	55.6	77.2	115.8#
51	104.4	40.6	61.0#

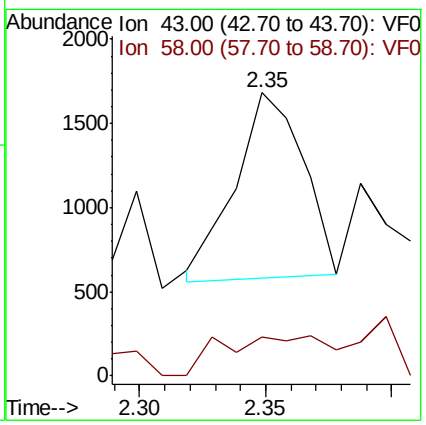


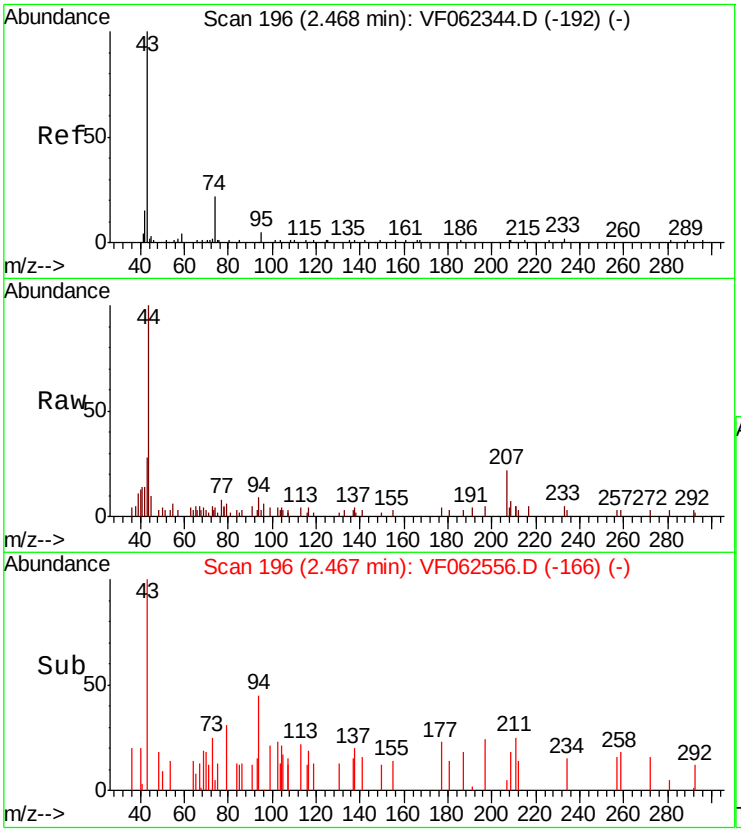


#16
Acetone
Concen: 3.909 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 43 Resp: 2073

Ion	Ratio	Lower	Upper
43	100		
58	21.6	13.1	19.7#



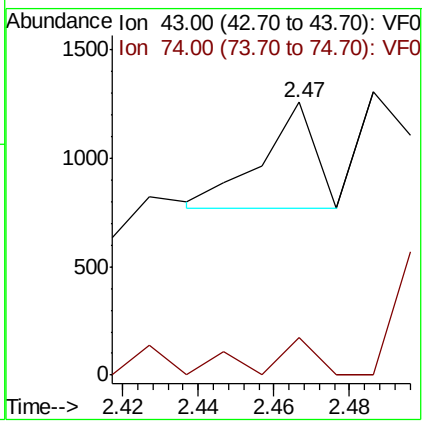


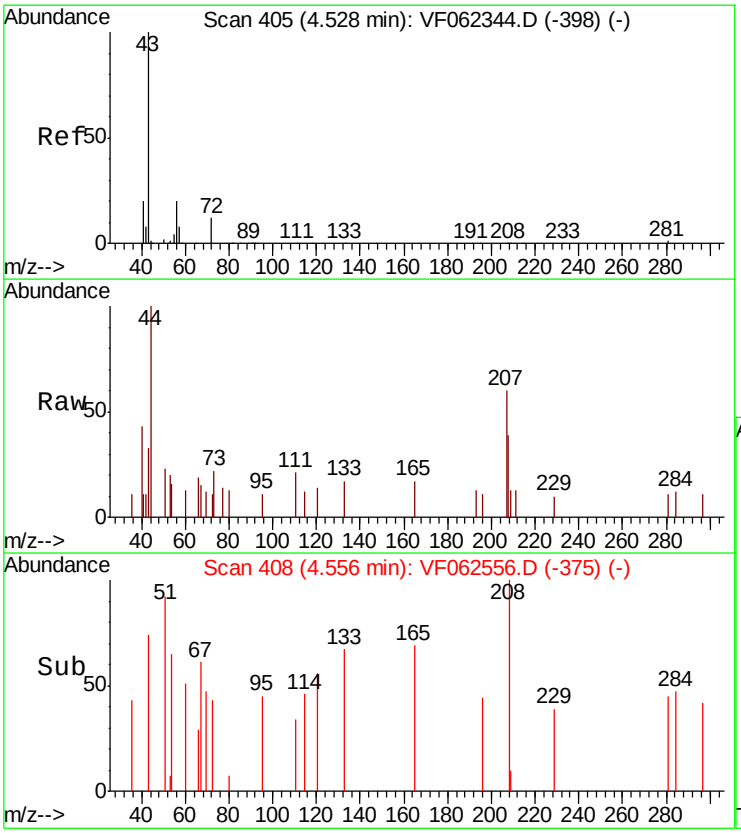
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 43 Resp: 473

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#

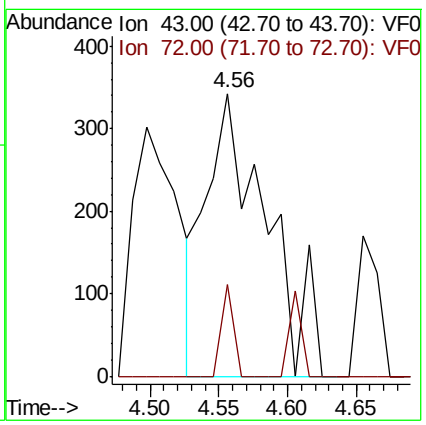


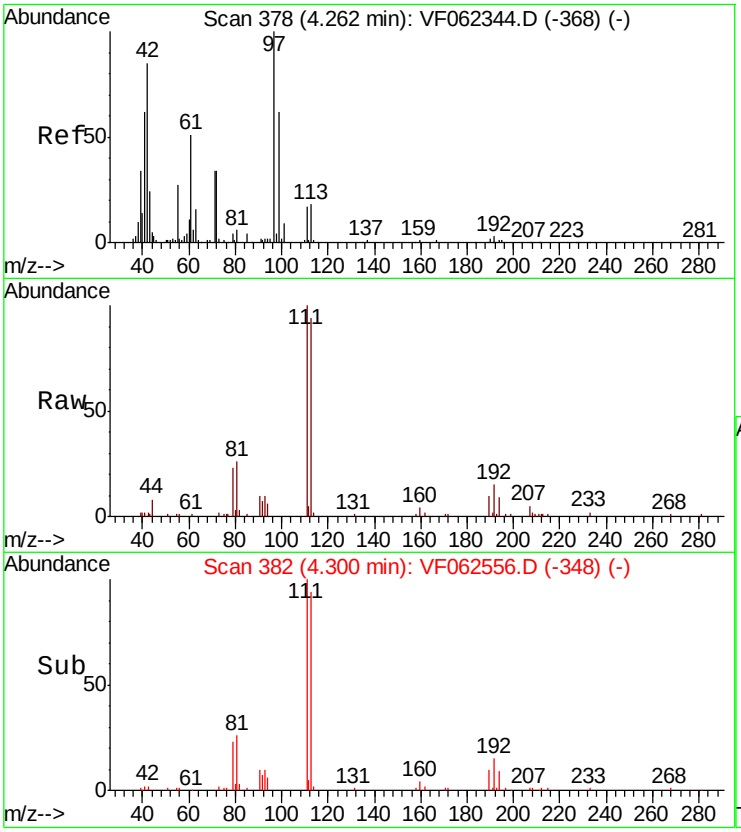


#25
2-Butanone
Concen: 1.570 ug/l
RT: 4.56 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
72	32.4	14.2	21.4#



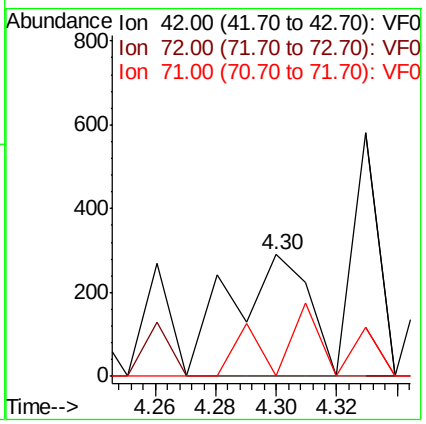


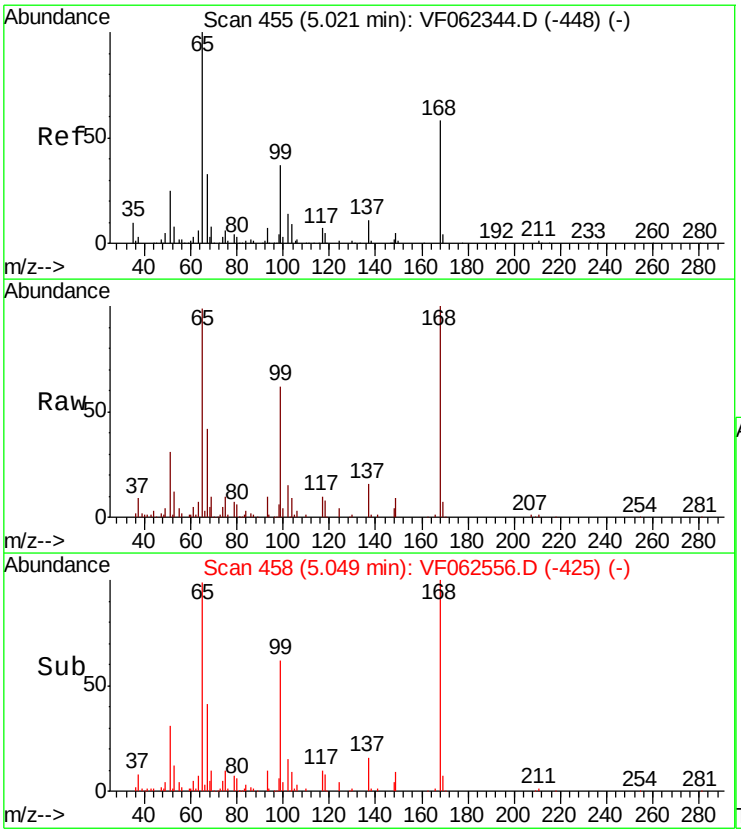
#29
Tetrahydrofuran
Concen: 1.718 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.04 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 42 Resp: 526

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	33.1	31.7	47.5

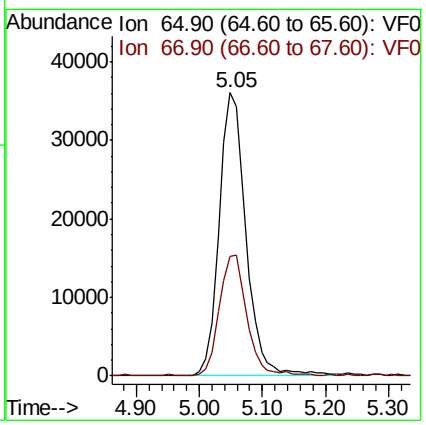


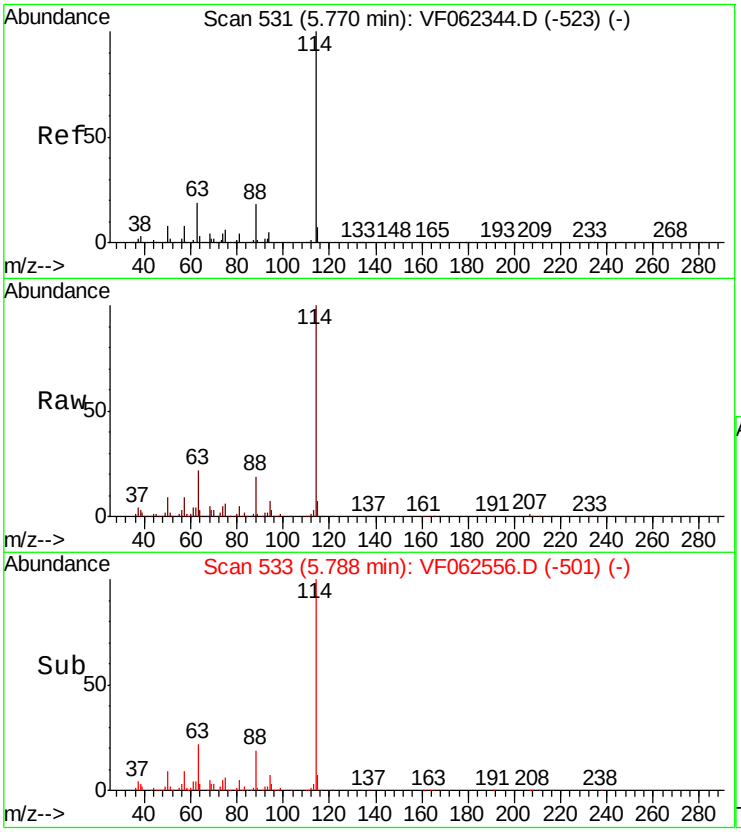


#33
1,2-Dichloroethane-d4
Concen: 40.768 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 65 Resp: 106875

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	85.8



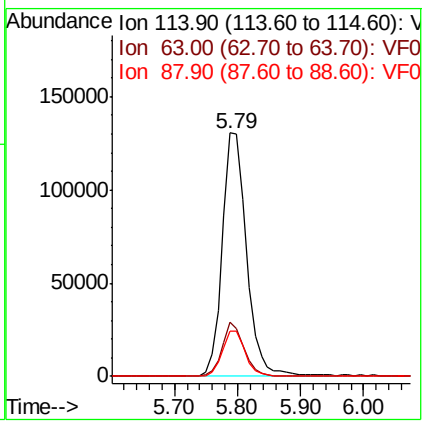


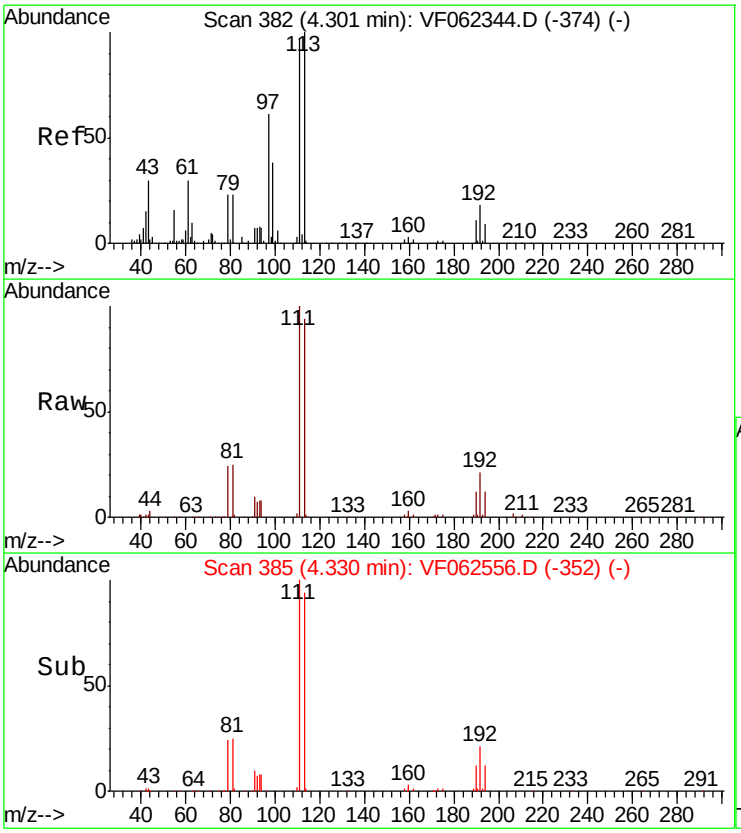
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion:114 Resp: 349452

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	18.6	0.0	36.4

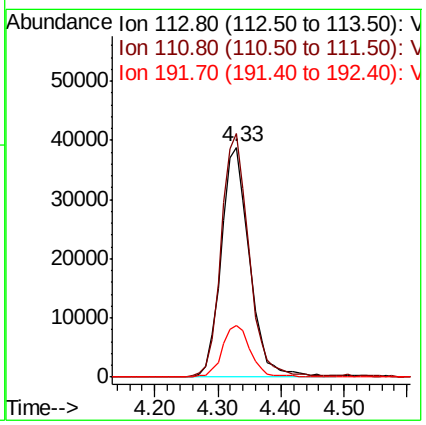


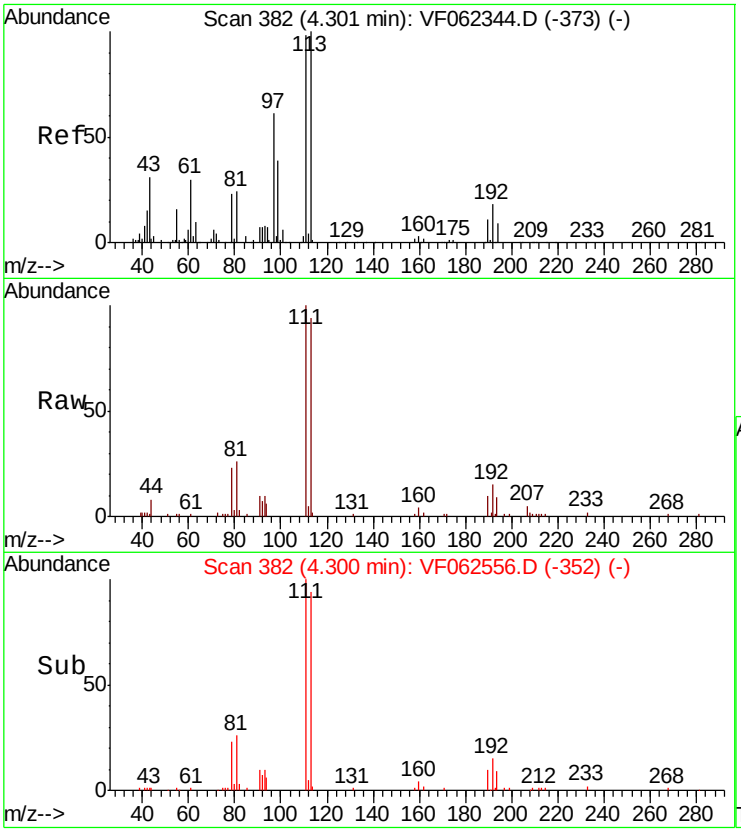


#35
Dibromofluoromethane
Concen: 43.538 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion:113 Resp: 121211

Ion	Ratio	Lower	Upper
113	100		
111	103.7	79.4	119.0
192	21.6	16.0	24.0



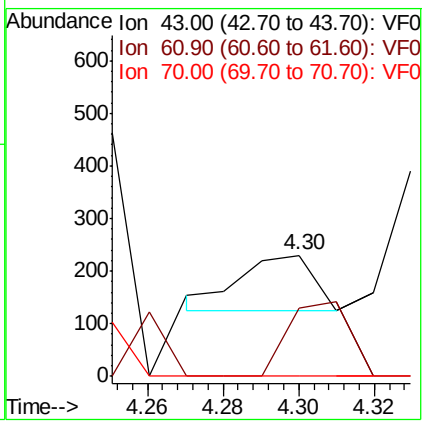


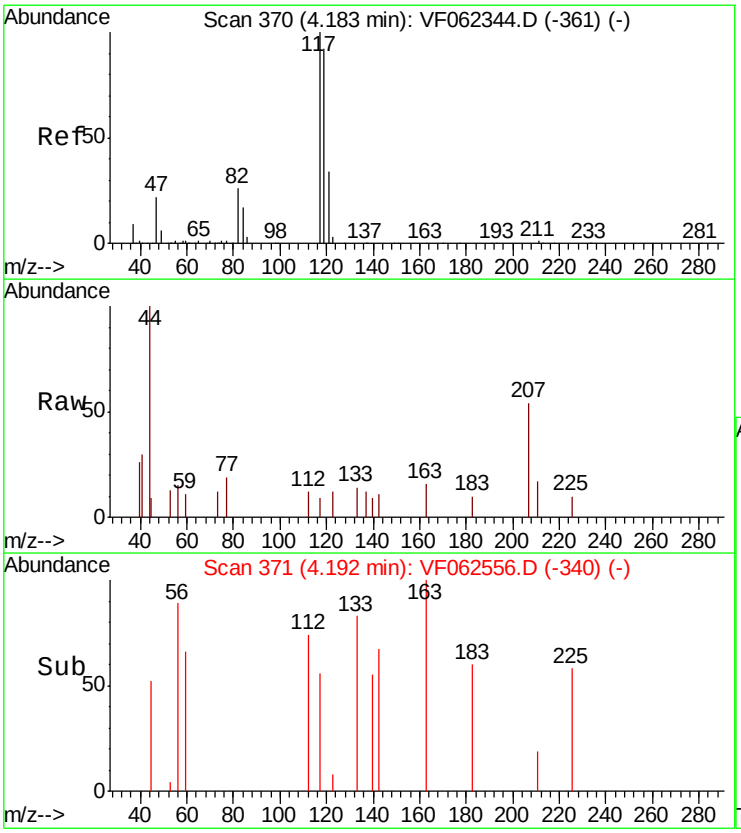
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 43 Resp: 137

Ion	Ratio	Lower	Upper
43	100		
61	117.5	0.0	0.0#
70	0.0	8.2	12.2#

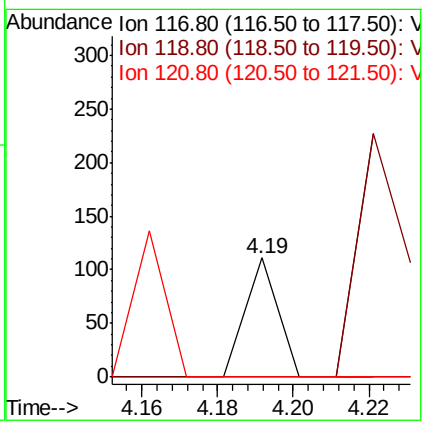


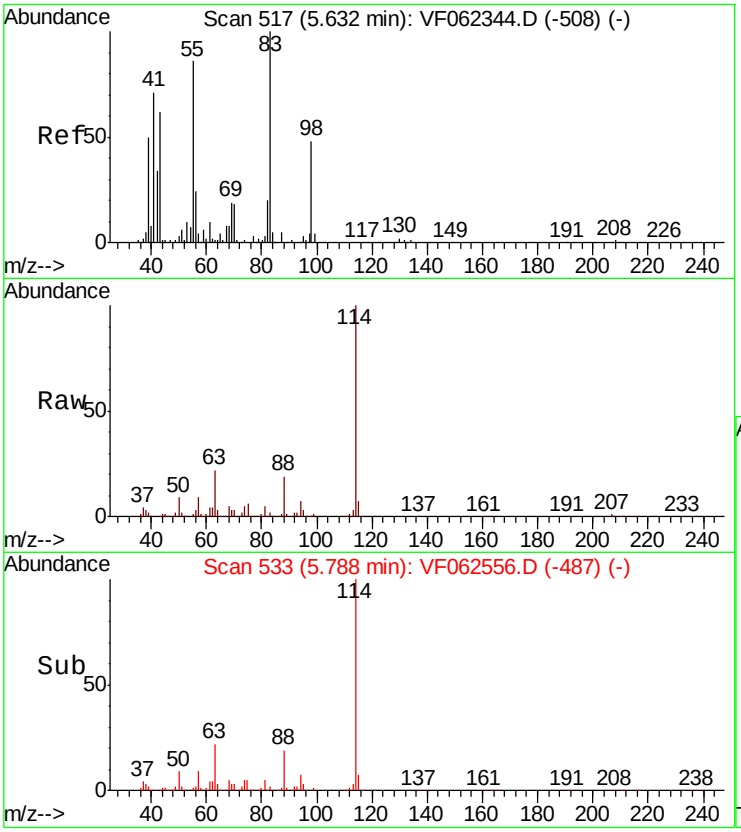


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.01 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion:117 Resp: 66

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



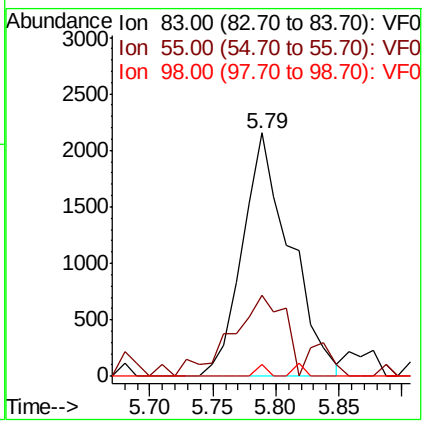


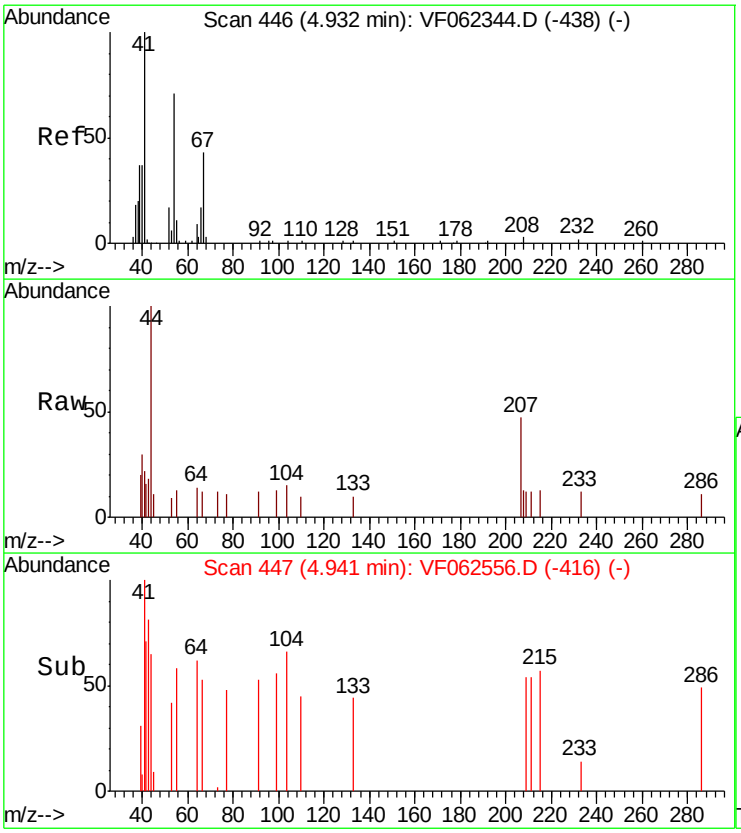
#39
Methylcyclohexane
Concen: 1.881 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.16 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 83 Resp: 5663

Ion	Ratio	Lower	Upper
83	100		
55	28.2	69.0	103.6#
98	4.9	38.6	58.0#

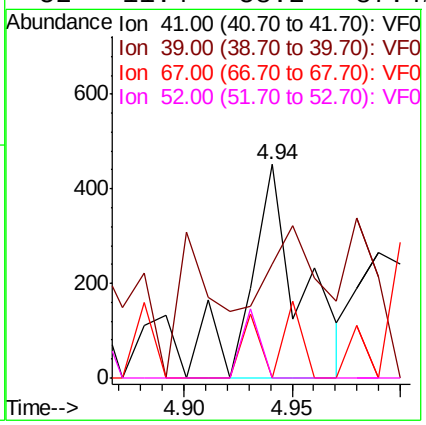


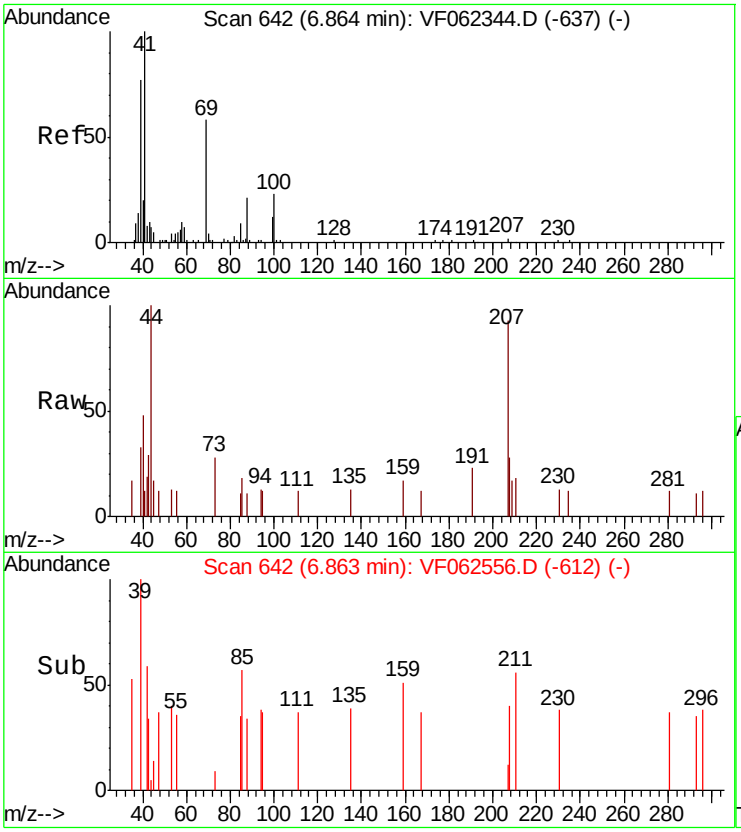


#41
Methacrylonitrile
Concen: 1.050 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.01 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 41 Resp: 756

Ion	Ratio	Lower	Upper
41	100		
39	58.1	54.3	81.5
67	0.0	37.8	56.8#
52	11.4	58.2	87.4#



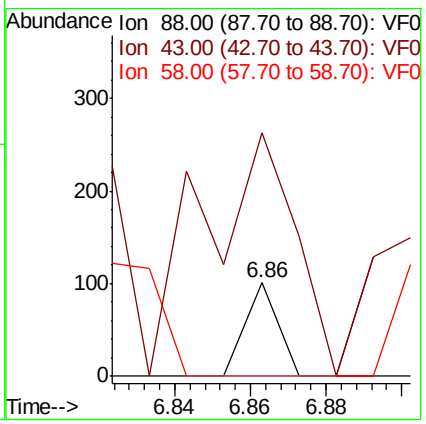


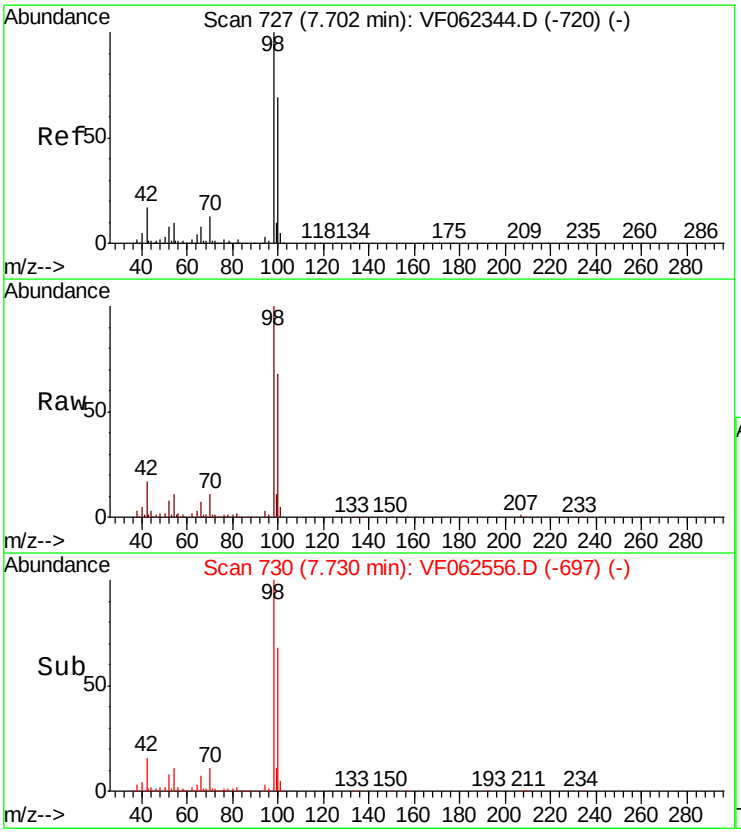
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.00 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	745.0	55.6	83.4#
58	0.0	52.8	79.2#

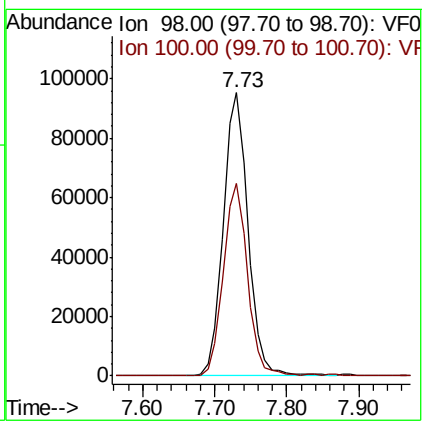


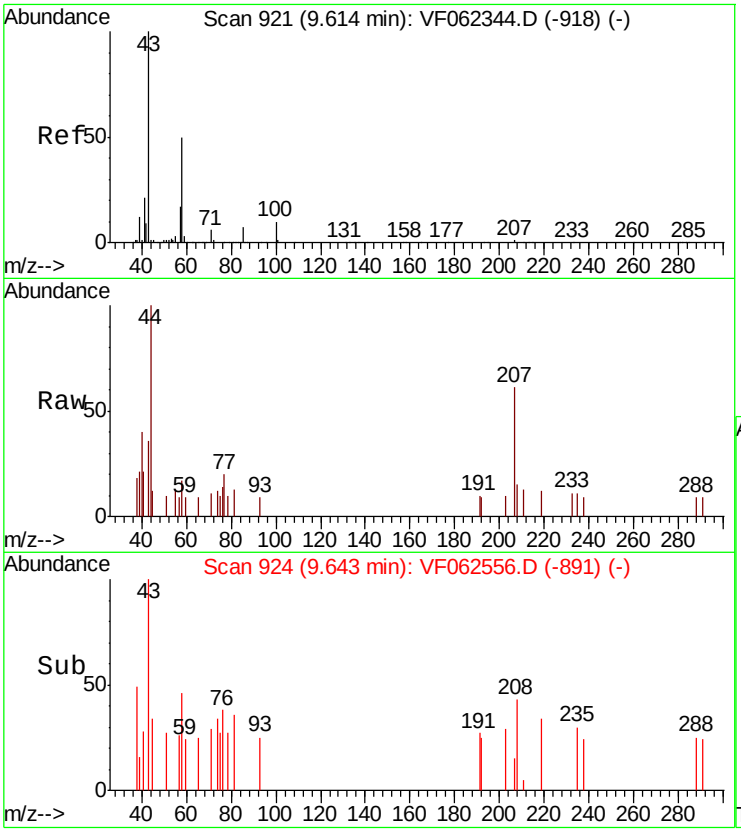


#50
Toluene-d8
Concen: 33.650 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 98 Resp: 226774

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9



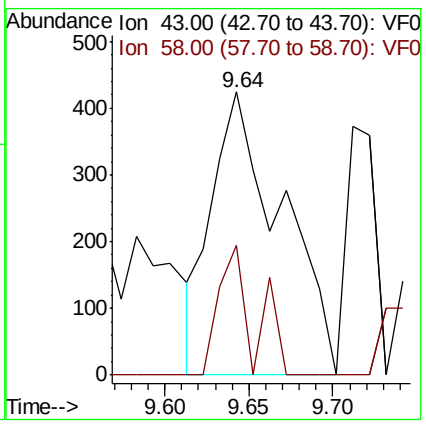


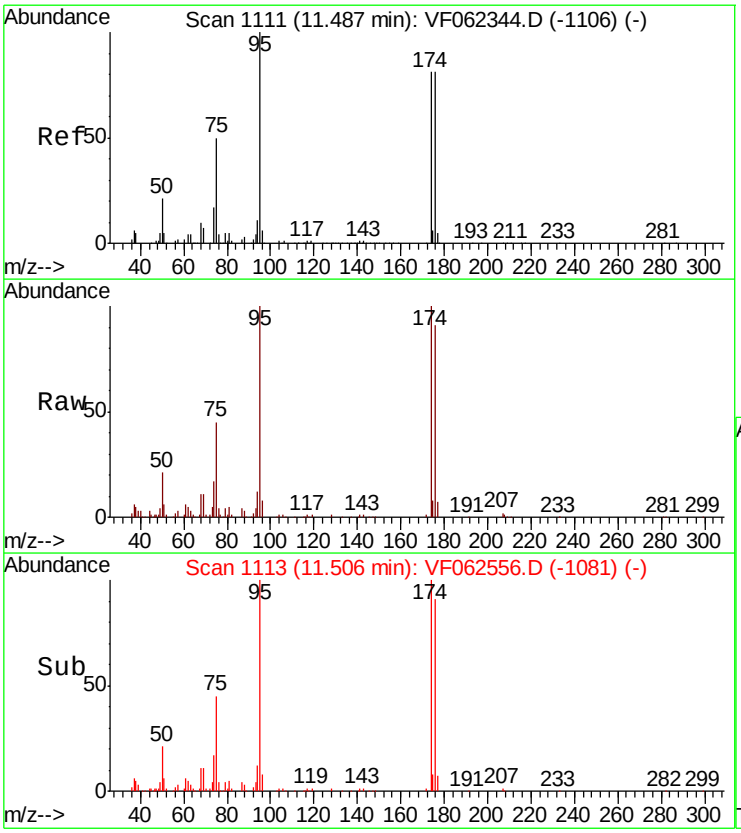
#59
2-Hexanone
Concen: 1.711 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1824-01RE

Tgt Ion: 43 Resp: 1224

Ion	Ratio	Lower	Upper
43	100		
58	22.9	24.3	73.0#

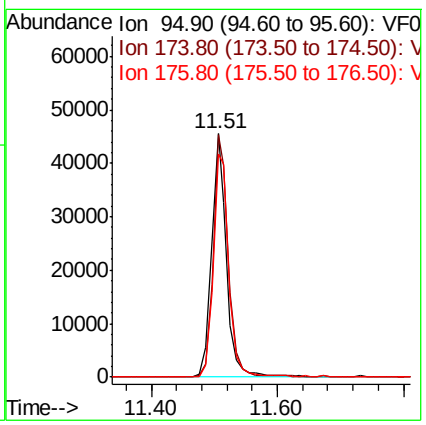


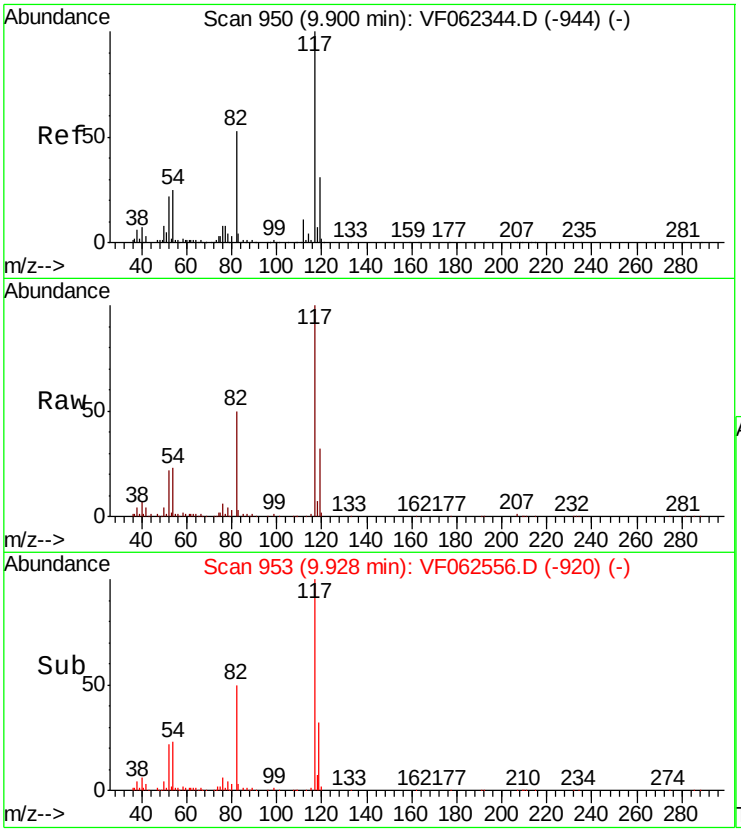


#62
4-Bromofluorobenzene
Concen: 24.922 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion: 95 Resp: 75775

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	191.8
176	96.4	0.0	193.2



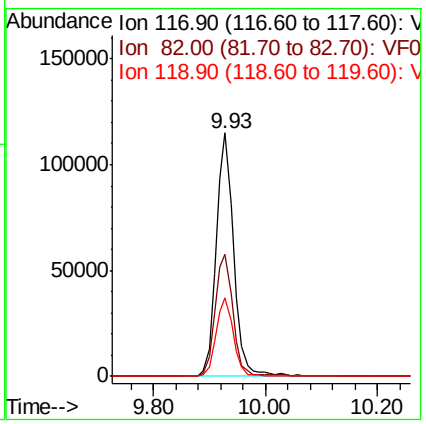


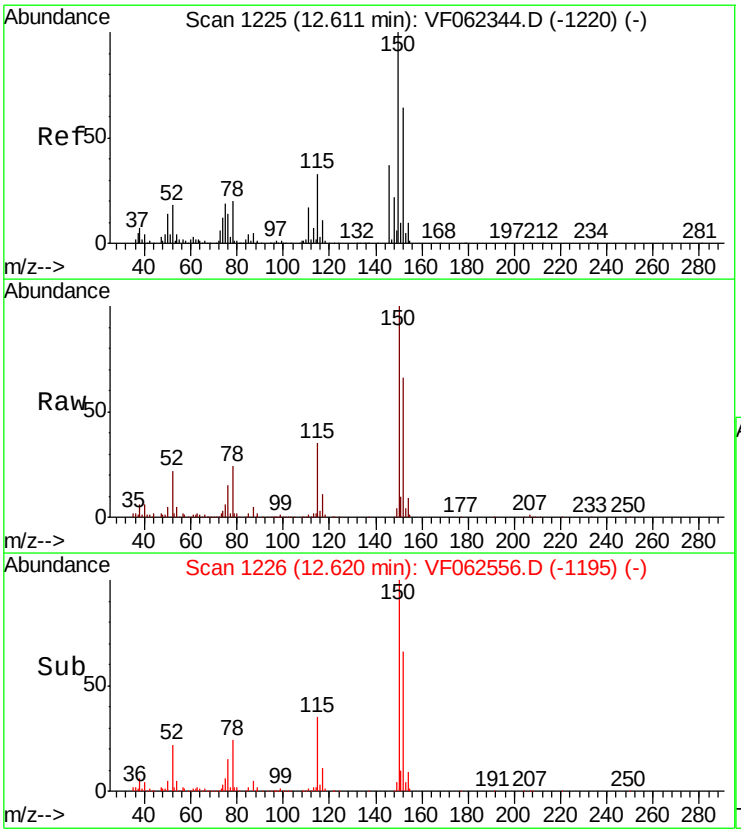
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062556.D
Acq: 13 May 2019 21:59

Instrument : MSVOA_F
ClientSampleId : P021-SS002-1824-01RE

Tgt Ion:117 Resp: 251283

Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.2	63.2
119	32.2	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: VF062556.D
Acq: 13 May 2019 21:59

Tgt Ion:152 Resp: 107040

Ion	Ratio	Lower	Upper
152	100		
115	52.7	26.4	79.2
150	153.0	0.0	335.0