Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062483.D
Acq On : 12 May 2019 3:23
Operator : FY/SY
Sample : K2733-21
Misc : 6.65g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0612-01

Quant Time: May 12 03:54:31 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	223323	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	317410	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	270637	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	149319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	94665	44.85	ug/l	0.02
Spiked Amount 50.000			Recovery = 89.70%			
35) Dibromofluoromethane	4.33	113	122187	48.32	ug/l	0.02
Spiked Amount 50.000			Recovery = 96.64%			
50) Toluene-d8	7.73	98	206741	33.77	ug/l	0.02
Spiked Amount 50.000			Recovery = 67.54%			
62) 4-Bromofluorobenzene	11.50	95	93460	33.84	ug/l	0.01
Spiked Amount 50.000			Recovery = 67.68%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	885	Below Cal	#	40
8) Diethyl Ether	1.90	74	597	1.118	ug/l	97
11) Tert butyl alcohol	2.72	59	504	4.225	ug/l #	1
13) Acrolein	2.11	56	209	Below Cal	#	1
15) Acrylonitrile	3.09	53	803	3.554	ug/l #	10
16) Acetone	2.34	43	7214	16.897	ug/l #	82
18) Methyl Acetate	2.46	43	1572	Below Cal	#	58
20) Methylene Chloride	2.29	84	1765	1.143	ug/l #	88
25) 2-Butanone	4.55	43	622	1.160	ug/l #	60
29) Tetrahydrofuran	4.26	42	260	1.055	ug/l #	56
37) Ethyl Acetate	4.35	43	521	Below Cal	#	73
38) Carbon Tetrachloride	4.18	117	121	Below Cal	#	53
39) Methylcyclohexane	5.78	83	4458	1.630	ug/l #	42
49) 1,4-Dioxane	6.86	88	73	Below Cal	#	1
59) 2-Hexanone	9.65	43	1382	2.126	ug/l #	36

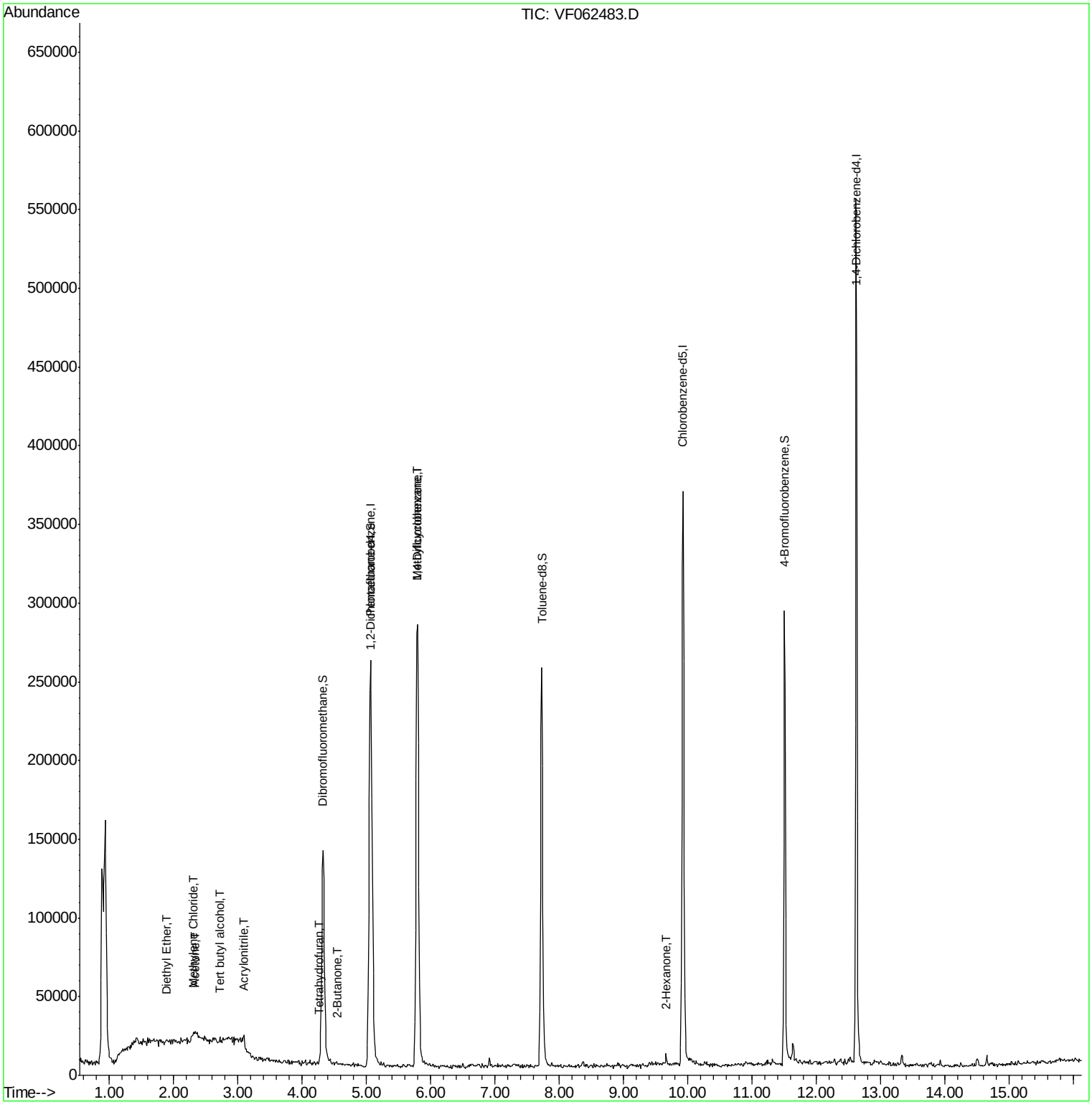
(#) = qualifier out of range (m) = manual integration (+) = signals summed

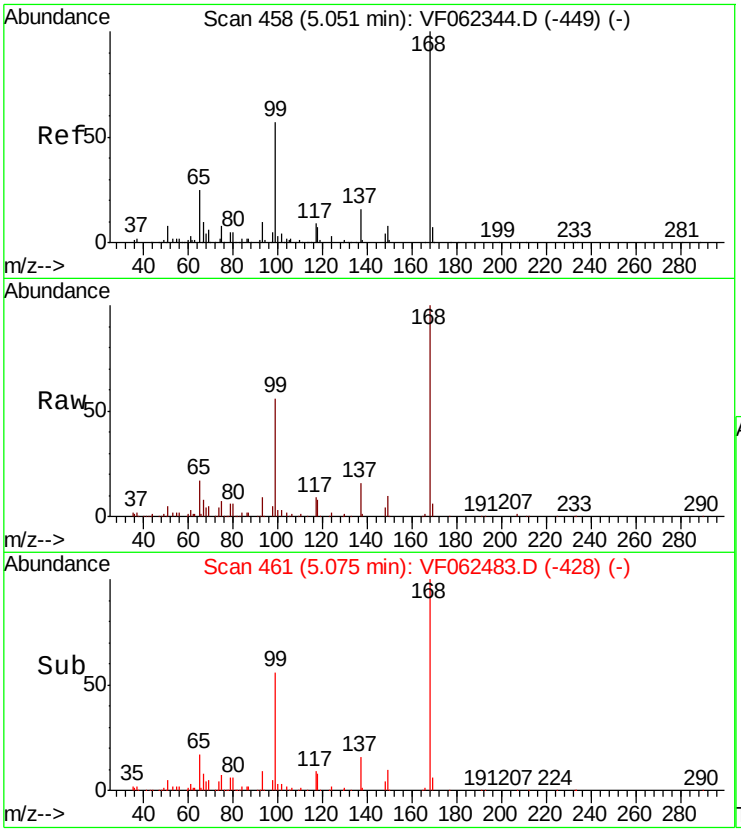
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062483.D
Acq On : 12 May 2019 3:23
Operator : FY/SY
Sample : K2733-21
Misc : 6.65g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Quant Time: May 12 03:54:31 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



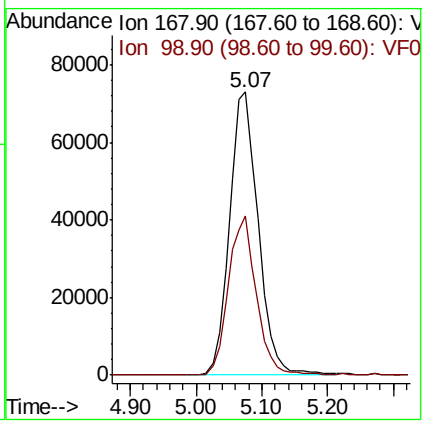


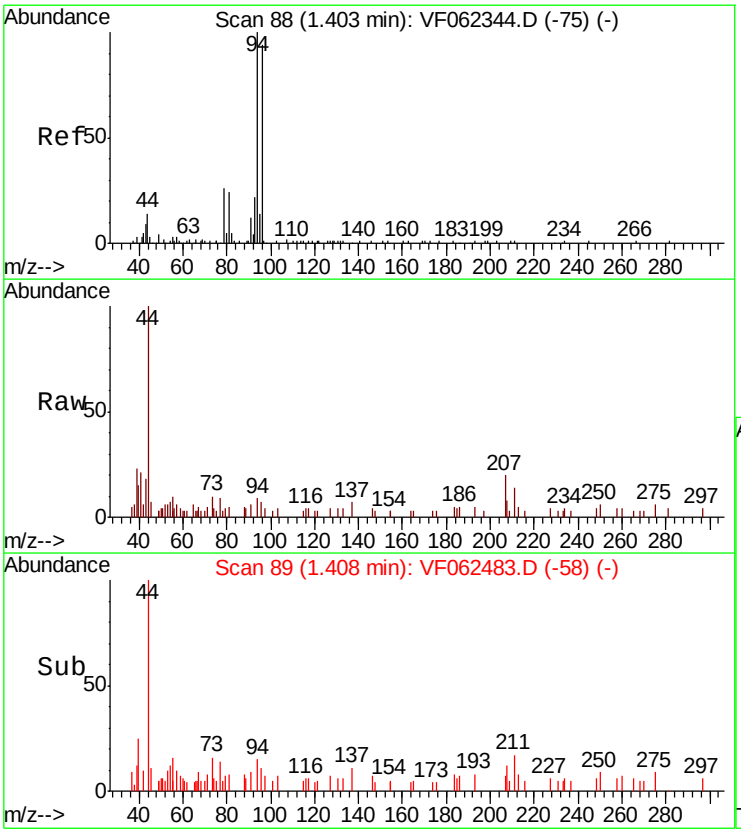
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:168 Resp: 223323

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.9	68.9

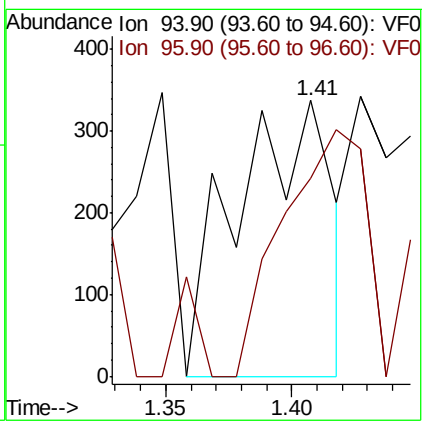


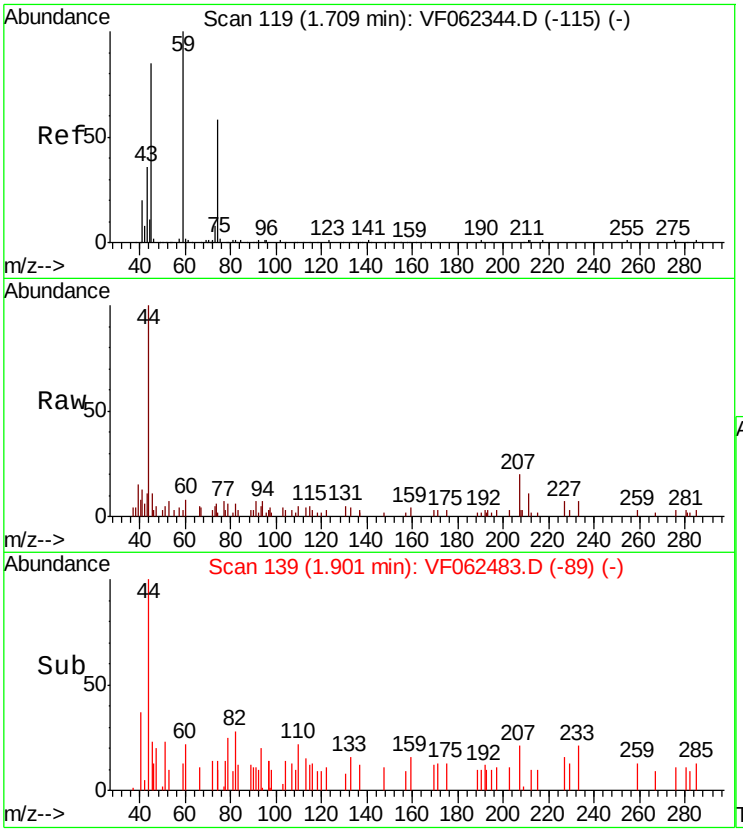


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.00 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 94 Resp: 885

Ion	Ratio	Lower	Upper
94	100		
96	35.9	75.4	113.2#



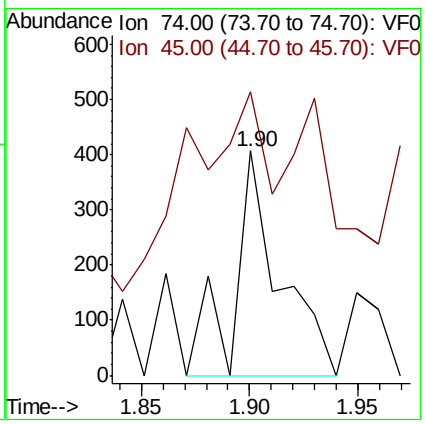


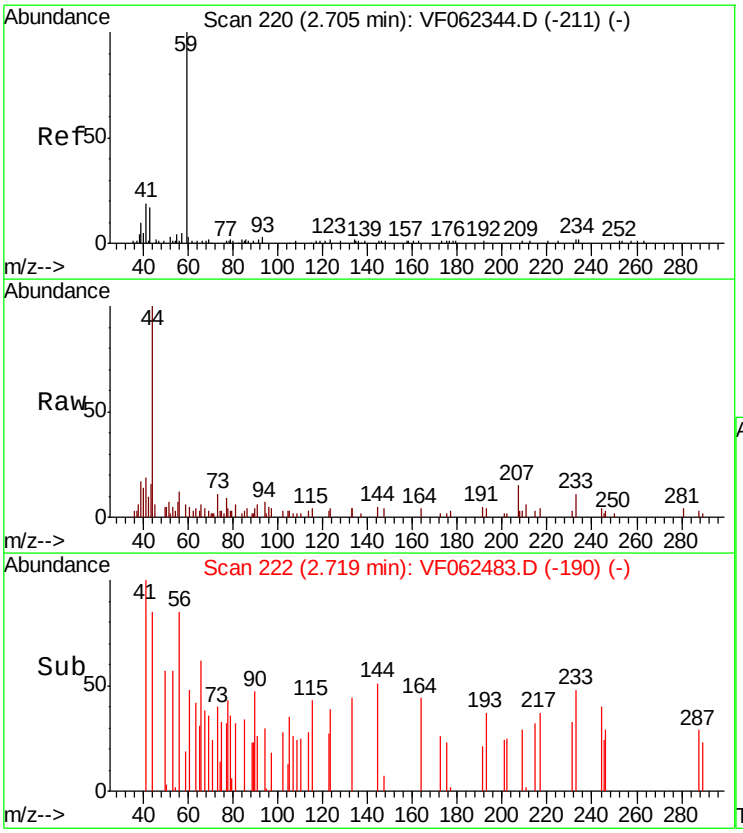
#8
Diethyl Ether
Concen: 1.118 ug/l
RT: 1.90 min Scan# 139
Delta R.T. 0.19 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 74 Resp: 597

Ion	Ratio	Lower	Upper
74	100		
45	150.9	73.9	221.6

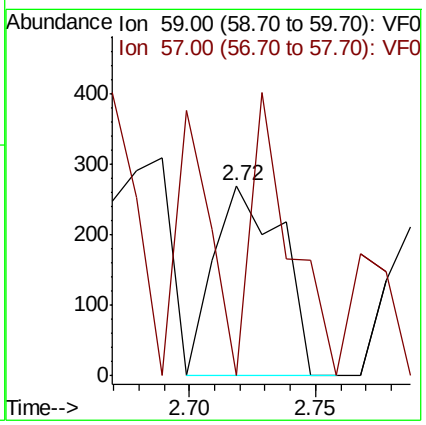


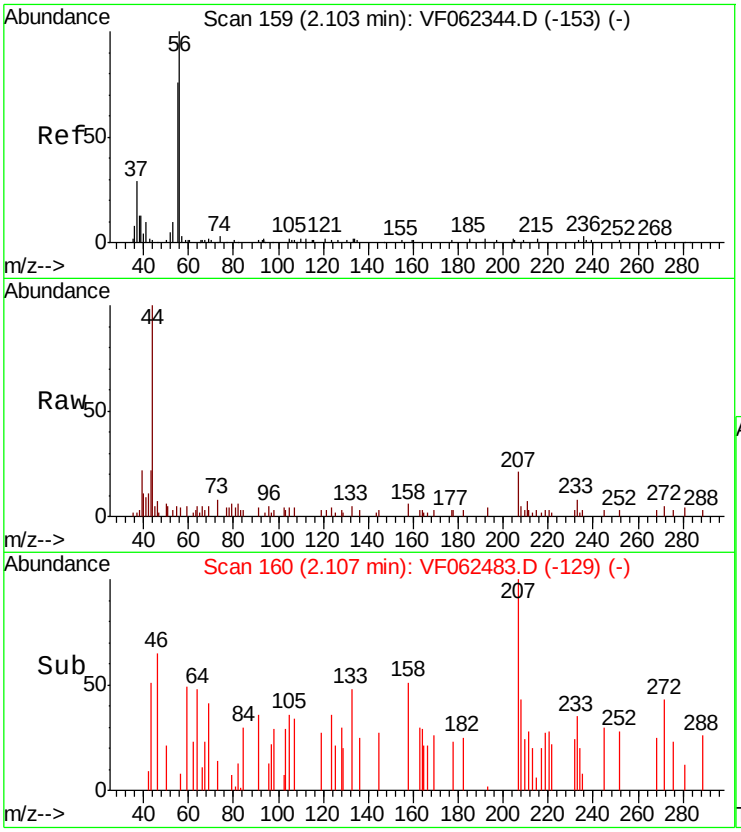


#11
Tert butyl alcohol
Concen: 4.225 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 59 Resp: 504

Ion	Ratio	Lower	Upper
59	100		
57	85.7	9.3	13.9#



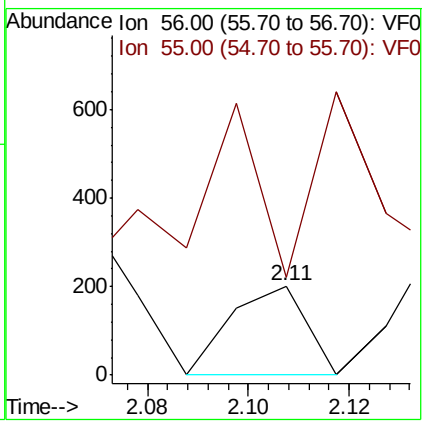


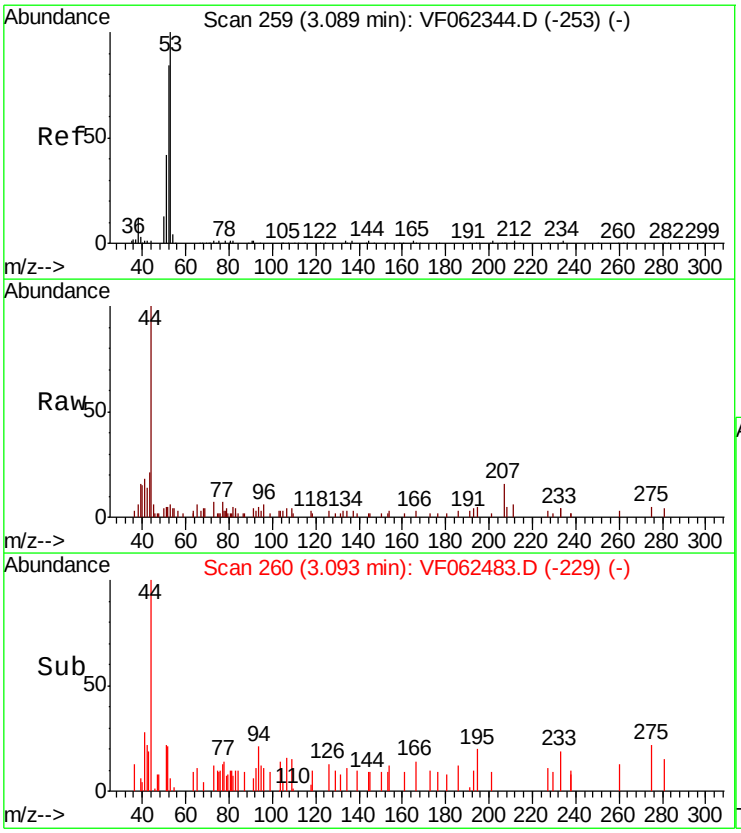
#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.00 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0612-01

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	174.2	58.4	87.6#

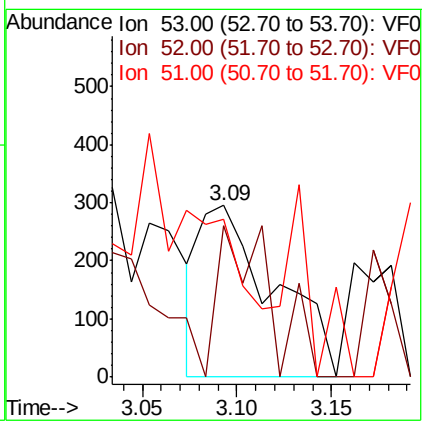


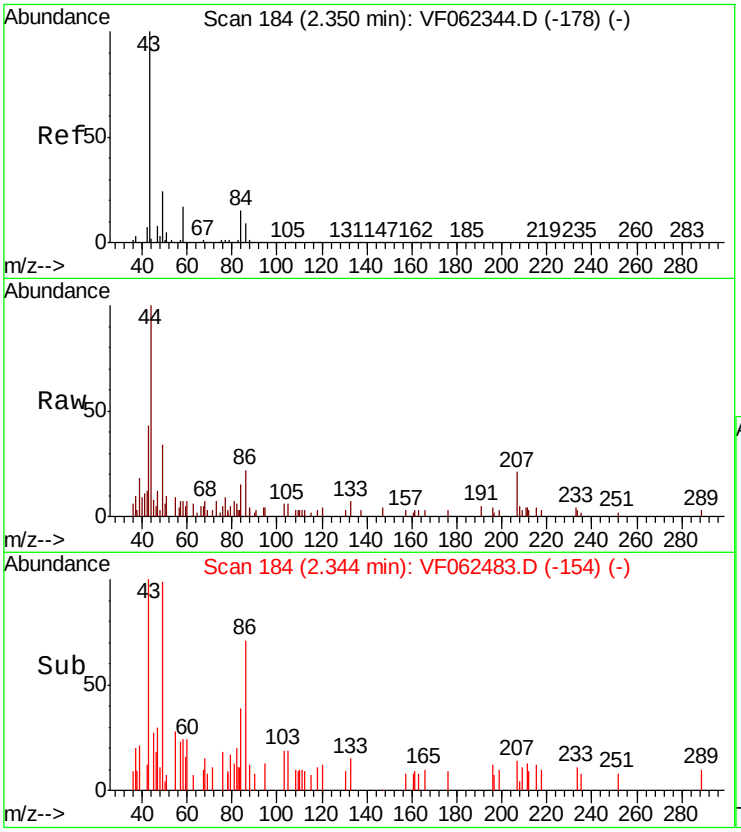


#15
Acrylonitrile
Concen: 3.554 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 53 Resp: 803

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



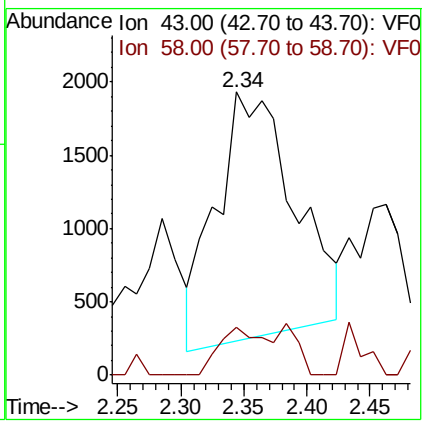


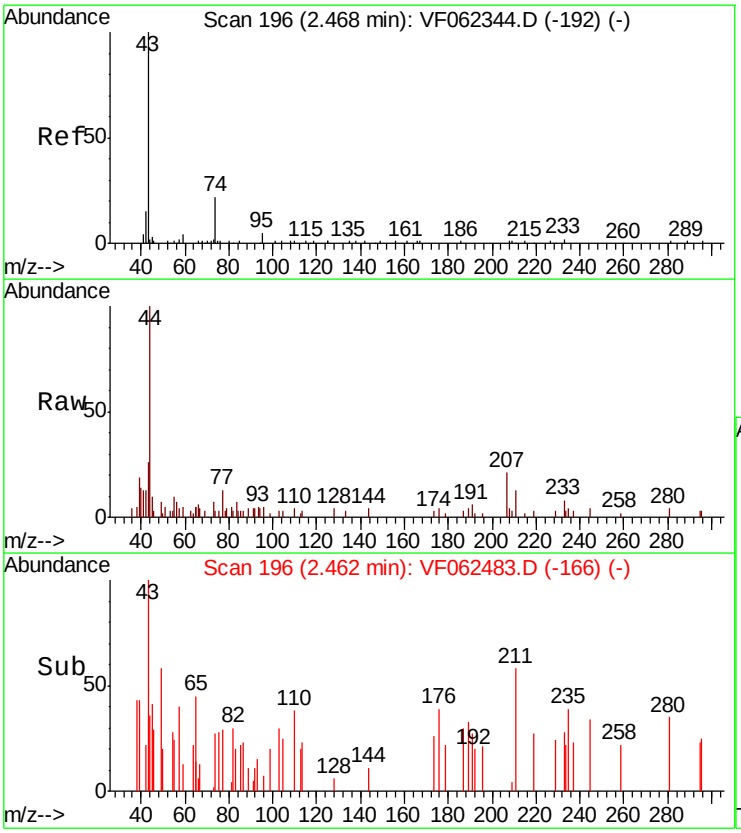
#16
Acetone
Concen: 16.897 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 43 Resp: 7214

Ion	Ratio	Lower	Upper
43	100		
58	24.2	13.1	19.7#

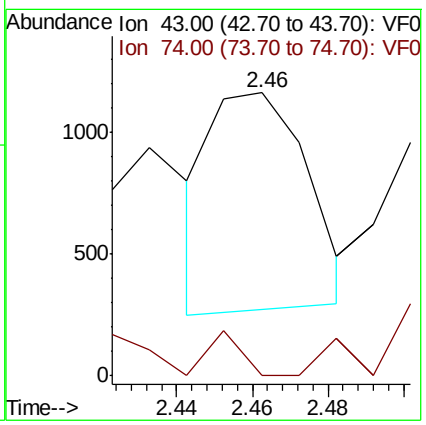


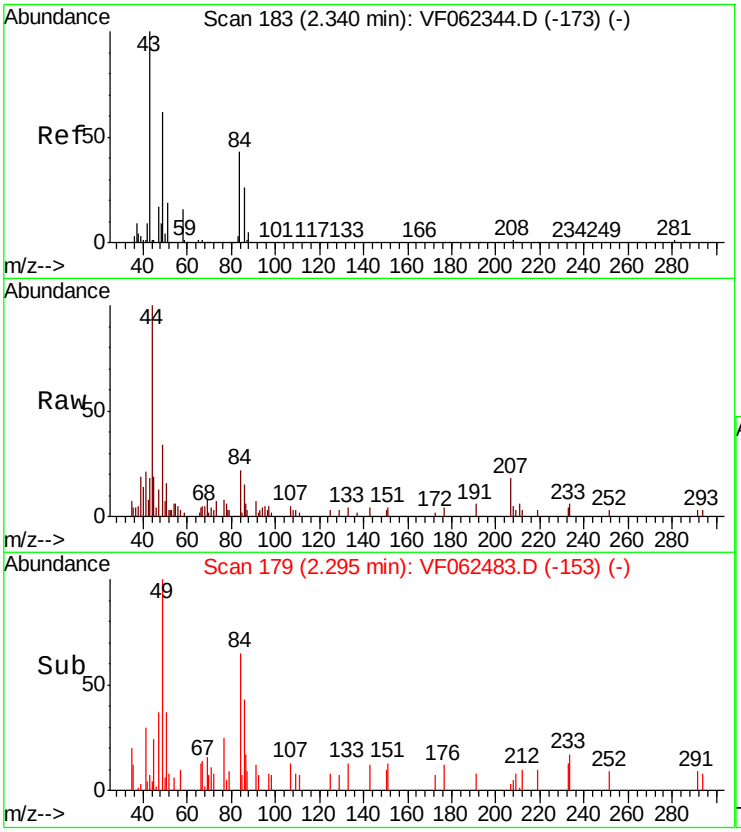


#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 43 Resp: 1572

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



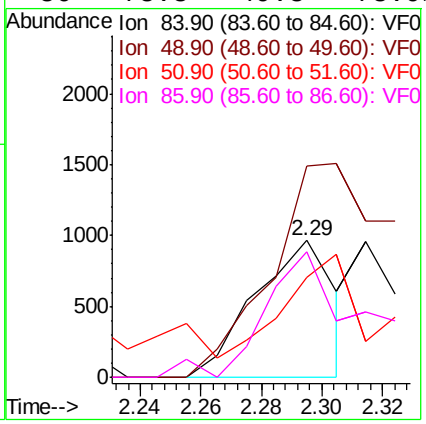


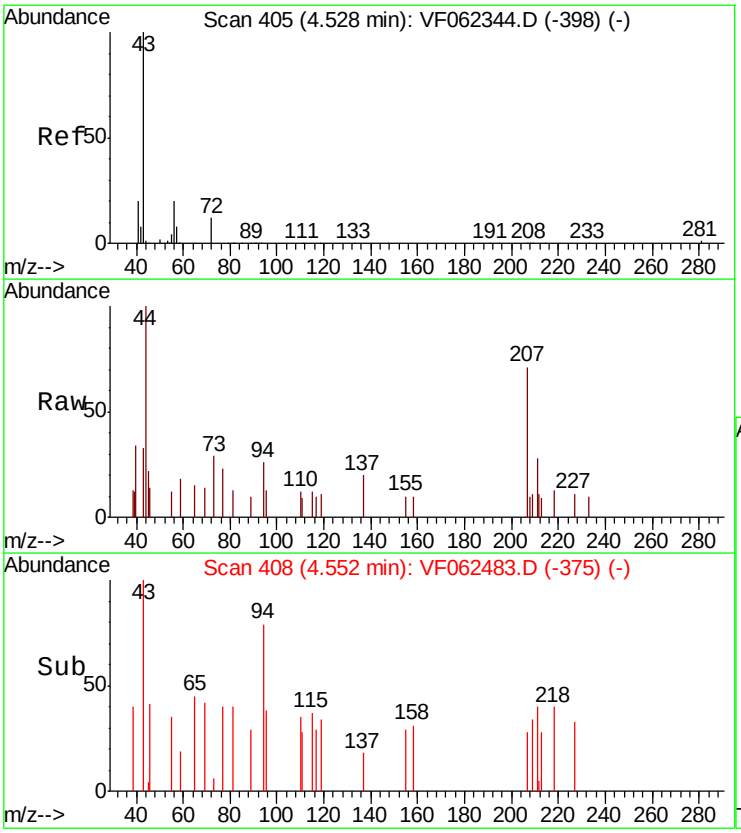
#20
Methylene Chloride
Concen: 1.143 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.05 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 84 Resp: 1765

Ion	Ratio	Lower	Upper
84	100		
49	154.1	117.5	176.3
51	33.8	37.0	55.4#
86	78.3	49.3	73.9#

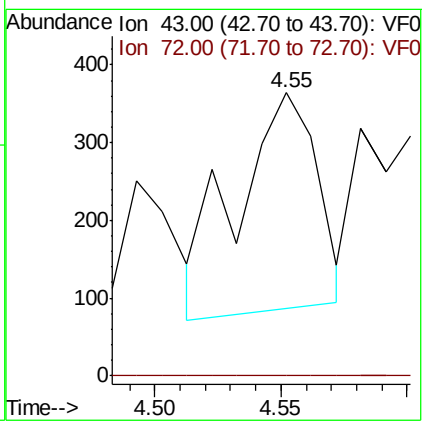


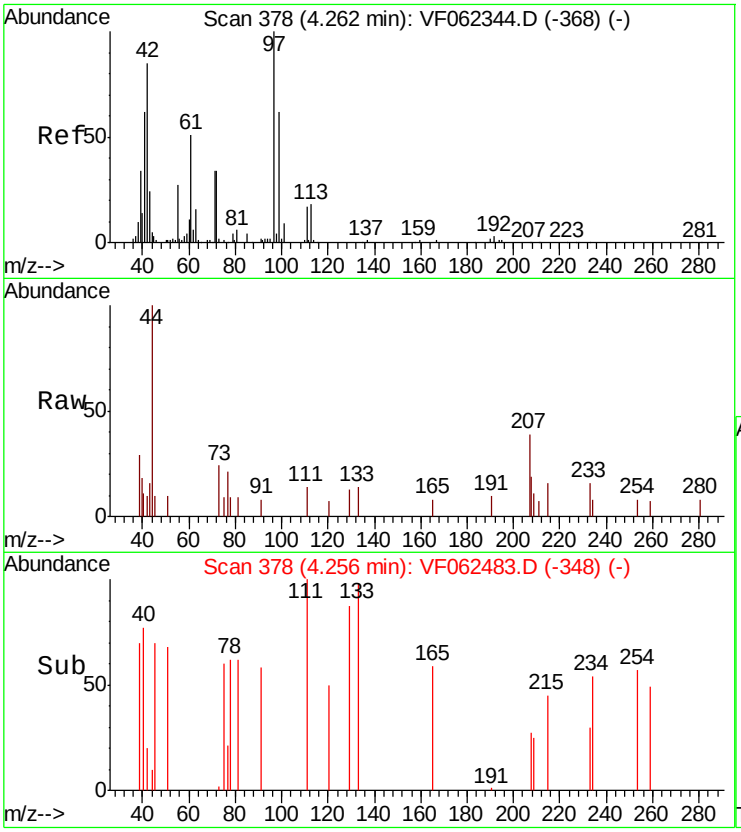


#25
2-Butanone
Concen: 1.160 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 43 Resp: 622

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



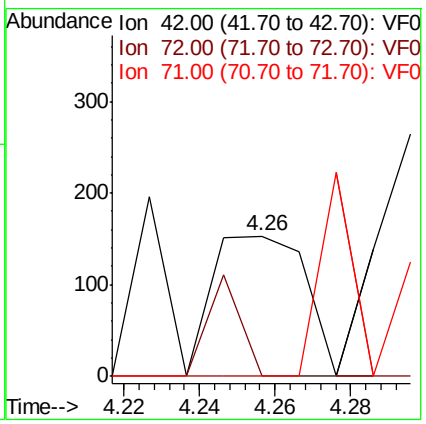


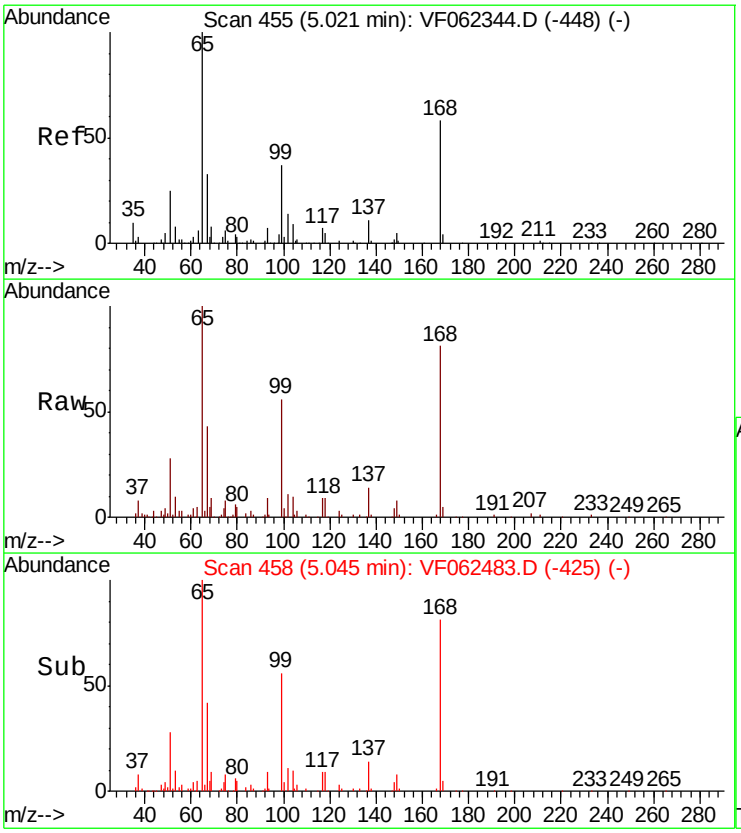
#29
Tetrahydrofuran
Concen: 1.055 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 42 Resp: 260

Ion	Ratio	Lower	Upper
42	100		
72	25.4	31.4	47.0#
71	0.0	31.7	47.5#

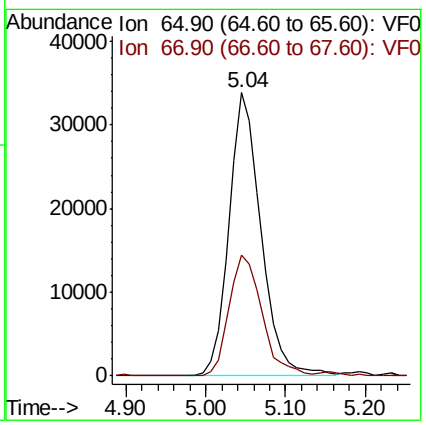


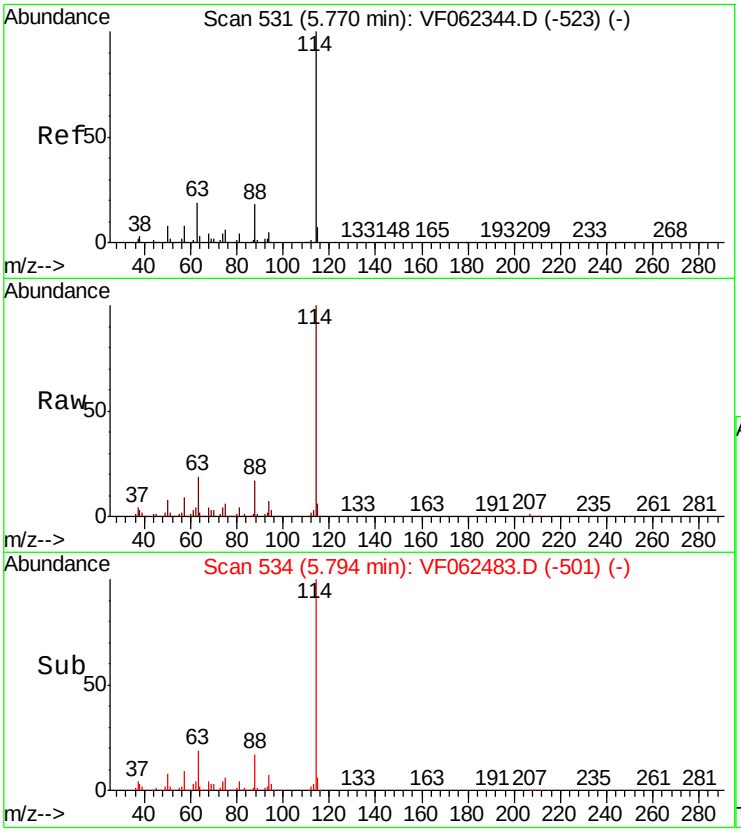


#33
1,2-Dichloroethane-d4
Concen: 44.854 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 65 Resp: 94665

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	85.8



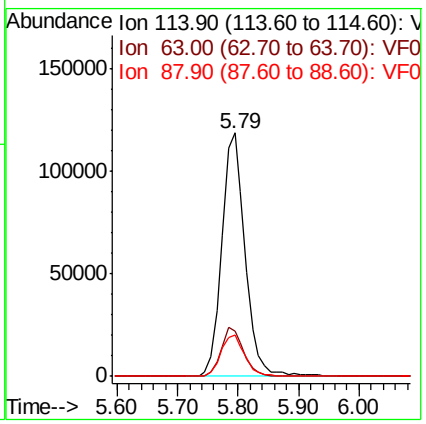


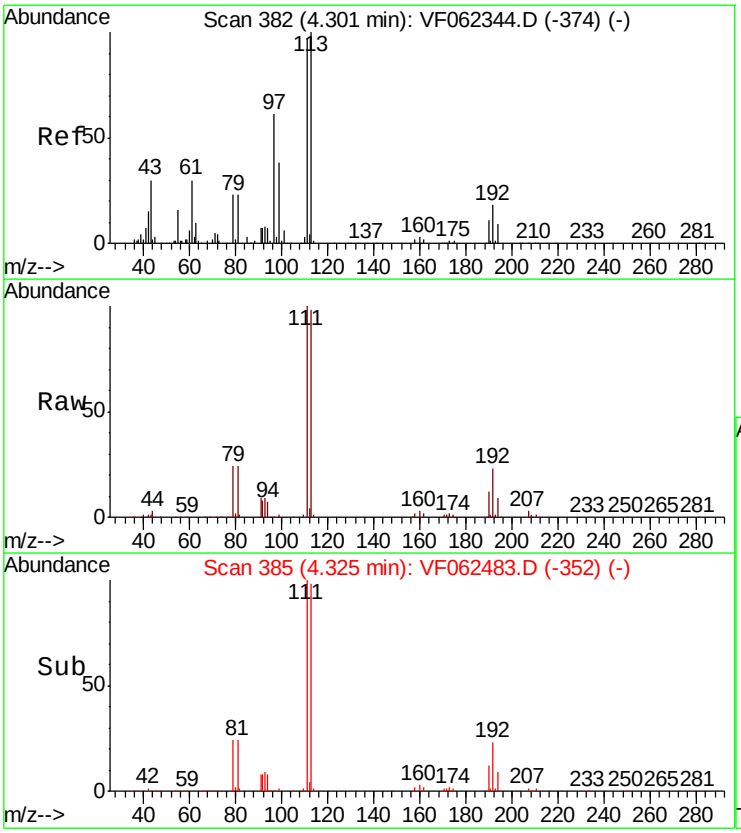
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:114 Resp: 317410

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.4
88	16.9	0.0	36.4

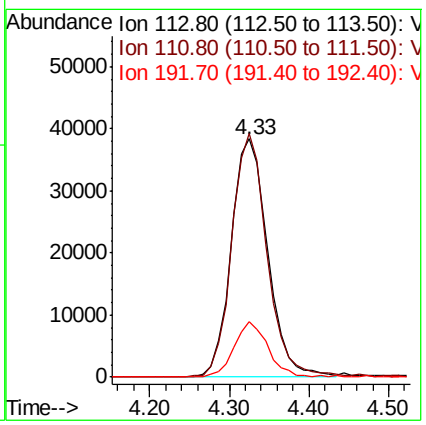


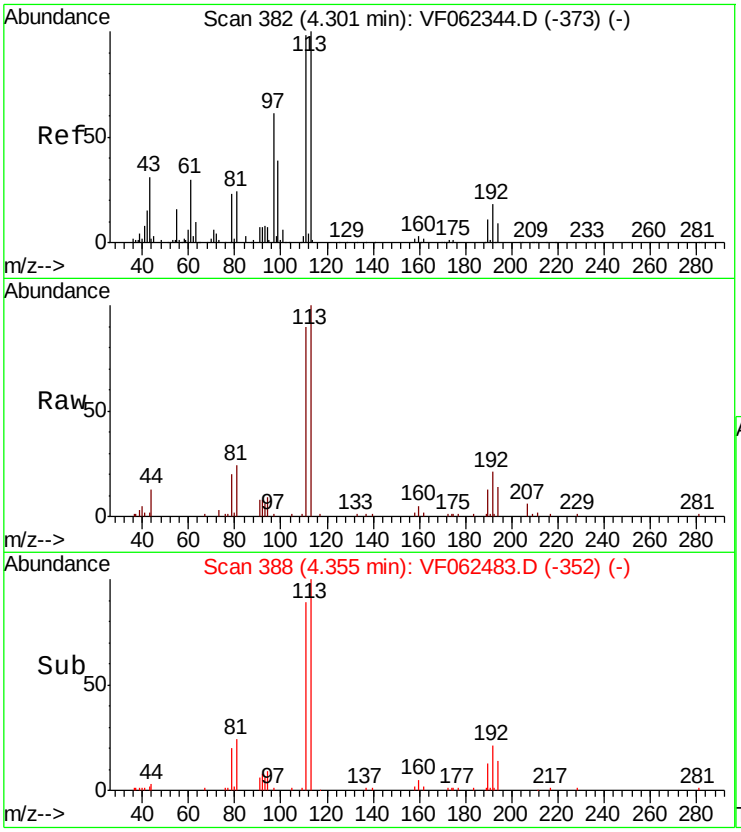


#35
Dibromofluoromethane
Concen: 48.319 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion:113 Resp: 122187

Ion	Ratio	Lower	Upper
113	100		
111	99.0	79.4	119.0
192	21.7	16.0	24.0



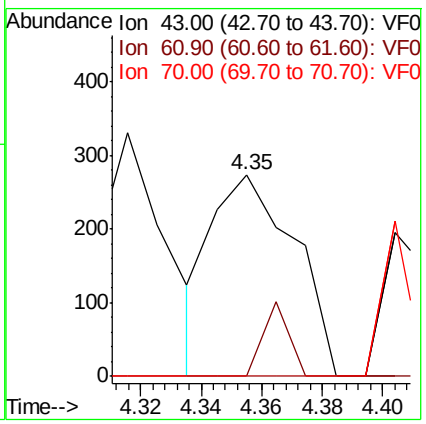


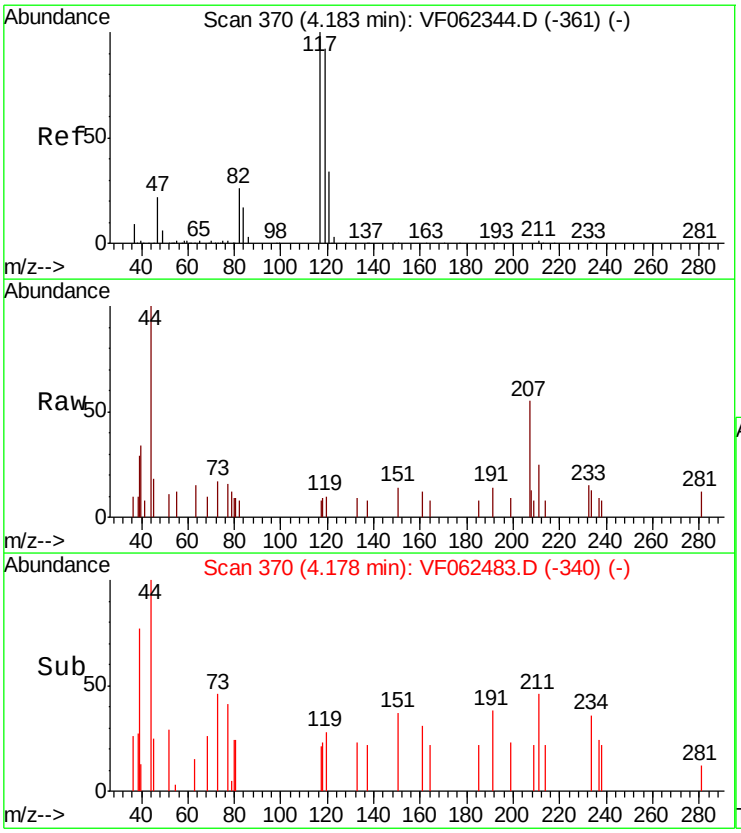
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 388
Delta R.T. 0.05 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 43 Resp: 521

Ion	Ratio	Lower	Upper
43	100		
61	11.5	0.0	0.0#
70	0.0	8.2	12.2#

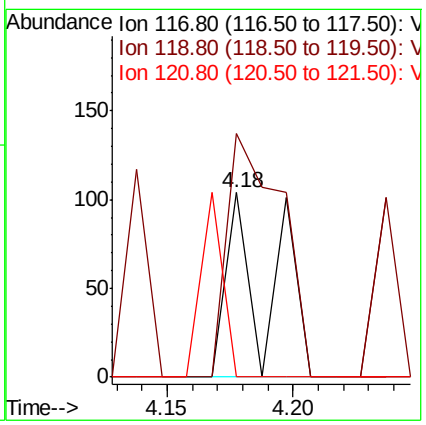


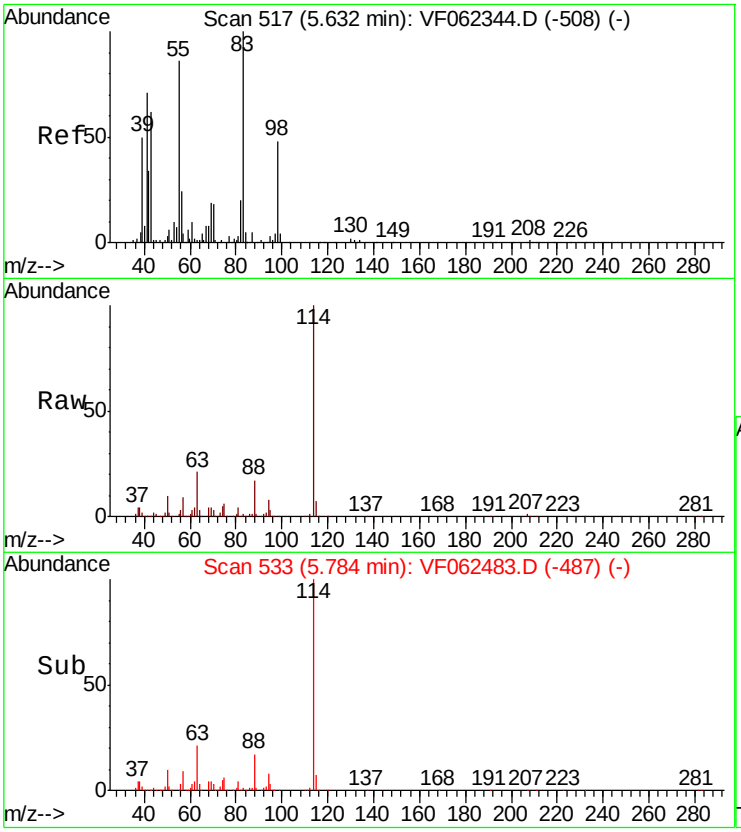


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.18 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion:117 Resp: 121

Ion	Ratio	Lower	Upper
117	100		
119	131.7	73.4	110.2#
121	0.0	27.4	41.0#



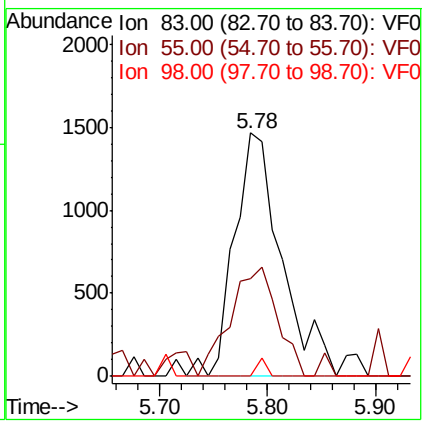


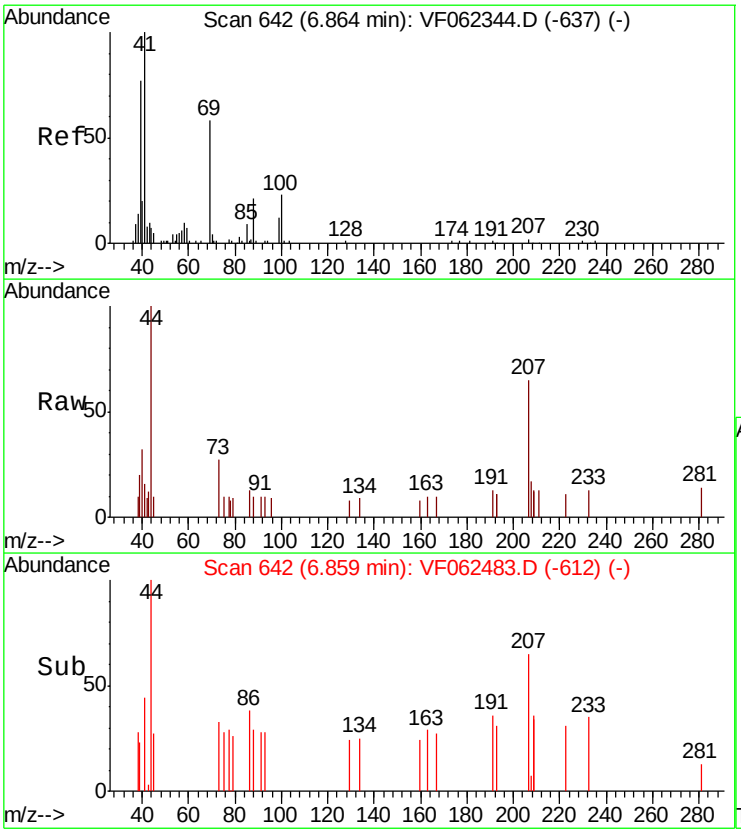
#39
Methylcyclohexane
Concen: 1.630 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 83 Resp: 4458

Ion	Ratio	Lower	Upper
83	100		
55	39.9	69.0	103.6#
98	0.0	38.6	58.0#

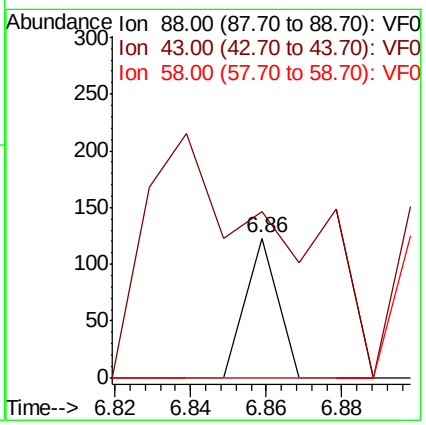


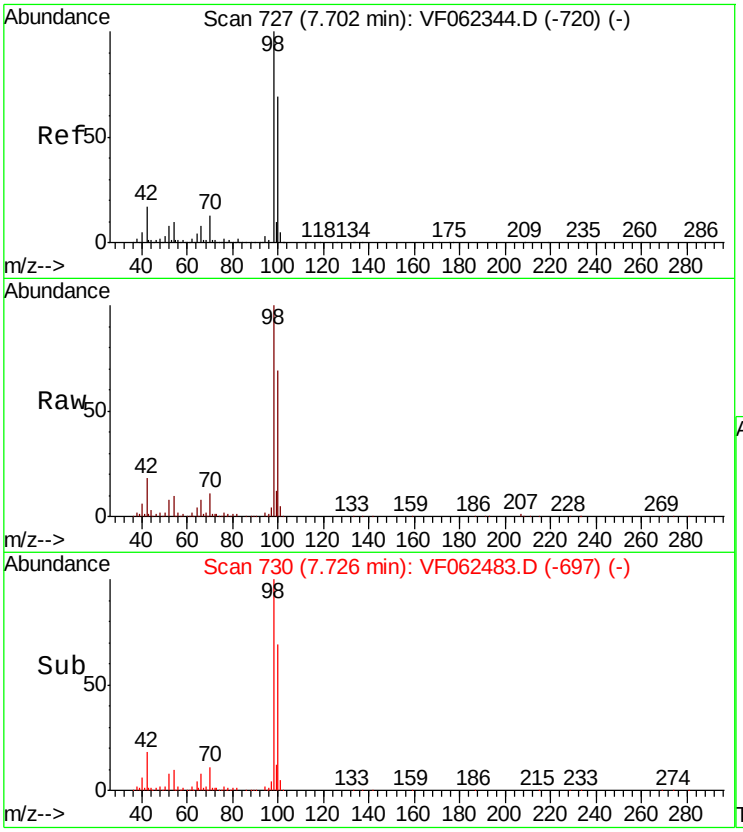


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 88 Resp: 73

Ion	Ratio	Lower	Upper
88	100		
43	730.1	55.6	83.4#
58	0.0	52.8	79.2#



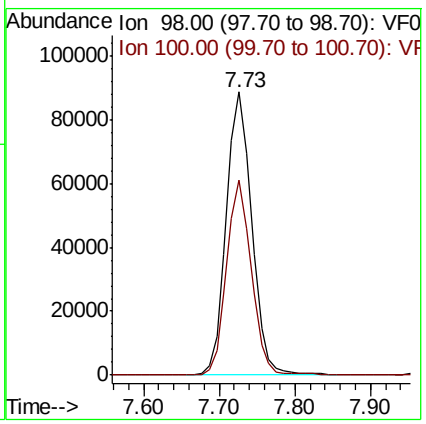


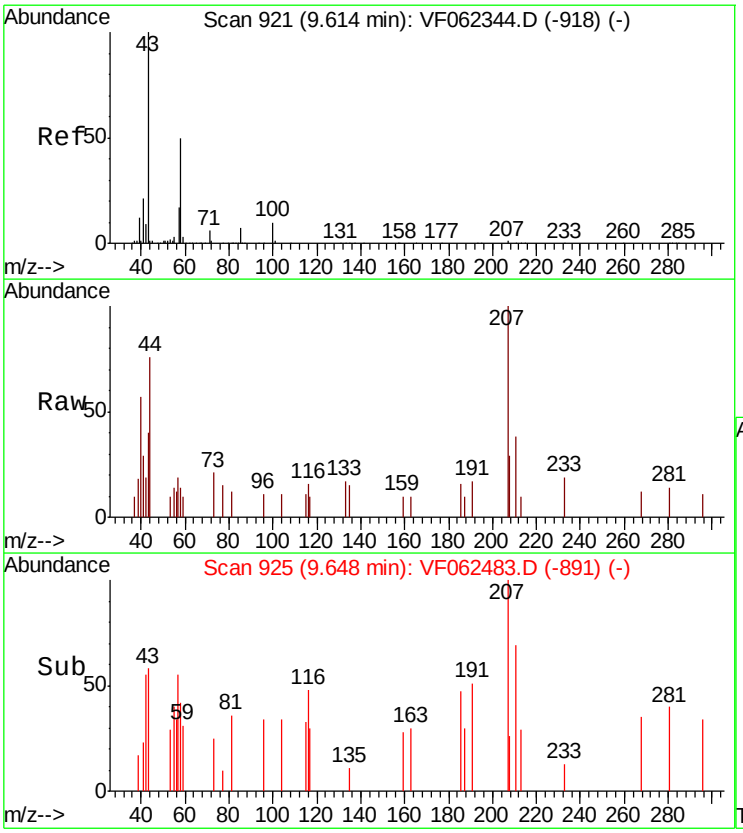
#50
Toluene-d8
Concen: 33.774 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 98 Resp: 206741

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

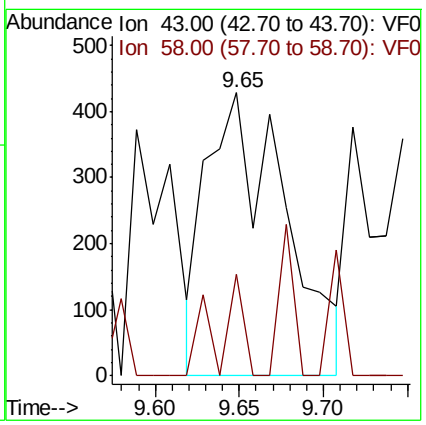


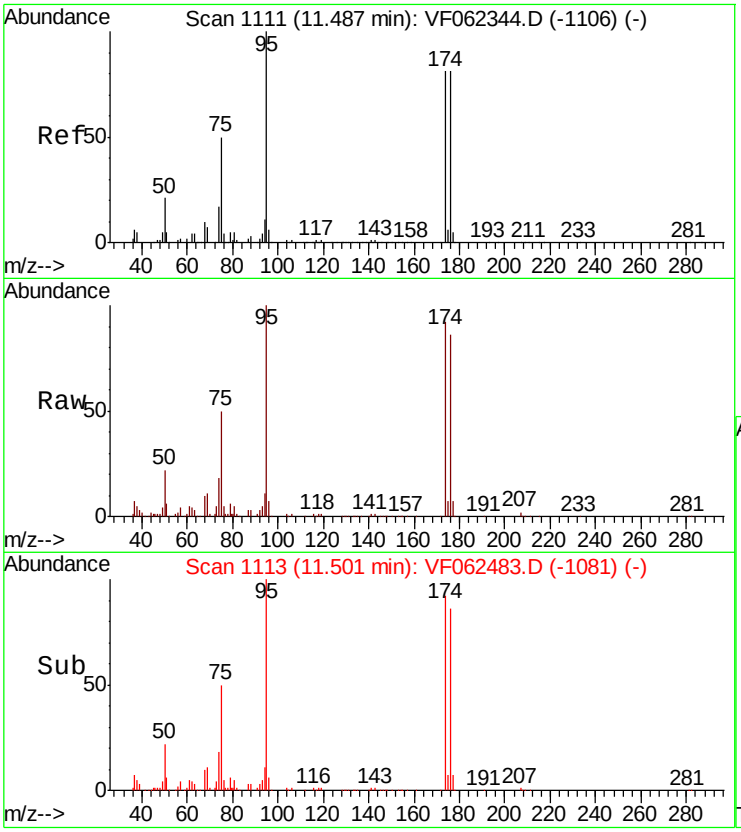


#59
2-Hexanone
Concen: 2.126 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion: 43 Resp: 1382

Ion	Ratio	Lower	Upper
43	100		
58	5.2	24.3	73.0#



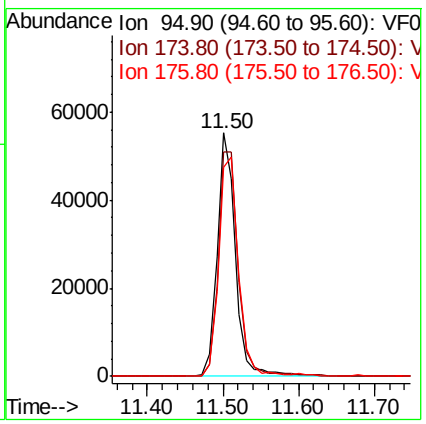


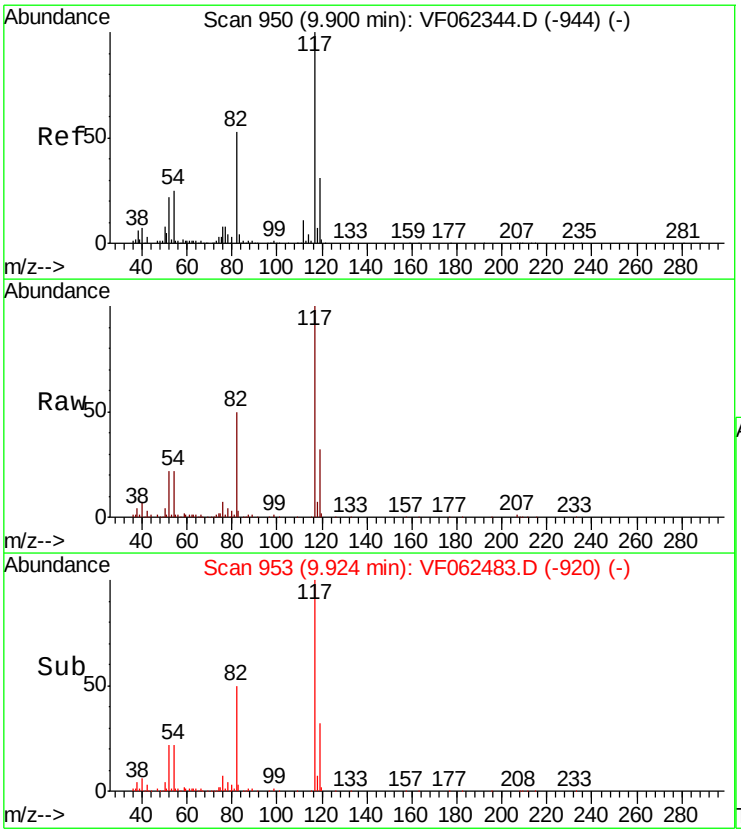
#62
4-Bromofluorobenzene
Concen: 33.842 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 95 Resp: 93460

Ion	Ratio	Lower	Upper
95	100		
174	101.1	0.0	191.8
176	97.8	0.0	193.2

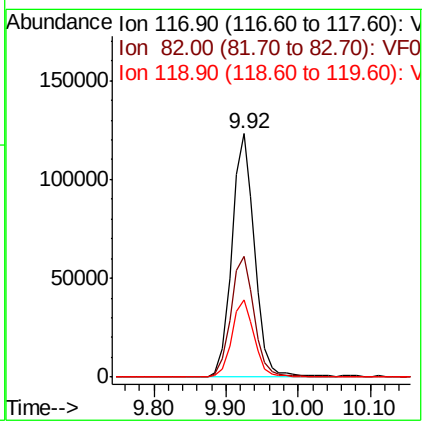


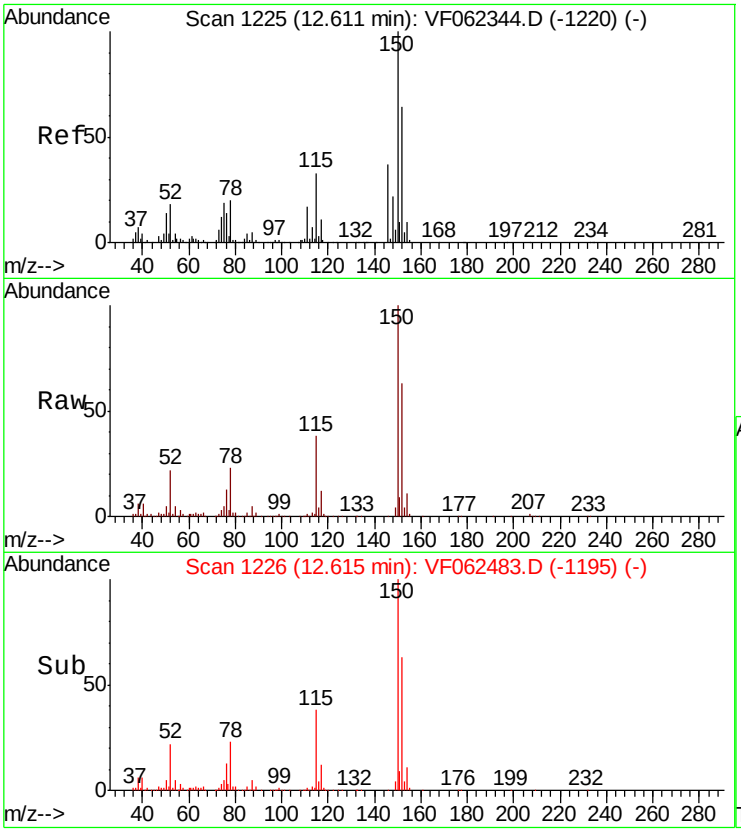


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion:117 Resp: 270637

Ion	Ratio	Lower	Upper
117	100		
82	49.5	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# 1226
Delta R.T. 0.00 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:152 Resp: 149319

Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.4	79.2
150	155.9	0.0	335.0