Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062380.D
Acq On : 8 May 2019 16:36
Operator : FY/SY
Sample : K2673-11RE
Misc : 5.08g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Quant Time: May 09 05:01:35 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	5.03	168	267911	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	363612	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	245924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	94895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	125639	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.24%			
35) Dibromofluoromethane	4.29	113	150378	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.82%			
50) Toluene-d8	7.70	98	255443	36.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.86%			
62) 4-Bromofluorobenzene	11.48	95	91217	28.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.66%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	441	Below Cal	#	3
8) Diethyl Ether	1.71	74	1495	2.335	ug/l	95
11) Tert butyl alcohol	2.69	59	797	5.570	ug/l #	70
13) Acrolein	2.09	56	852	Below Cal		84
15) Acrylonitrile	3.09	53	556	2.051	ug/l #	50
16) Acetone	2.34	43	4971	9.706	ug/l #	91
18) Methyl Acetate	2.49	43	7360	5.065	ug/l #	68
20) Methylene Chloride	2.33	84	17105	9.231	ug/l #	88
25) 2-Butanone	4.52	43	985	1.531	ug/l #	60
29) Tetrahydrofuran	4.27	42	1640	5.546	ug/l #	48
37) Ethyl Acetate	4.33	43	362	Below Cal	#	73
38) Carbon Tetrachloride	4.16	117	95	Below Cal	#	14
49) 1,4-Dioxane	6.86	88	61	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.39	43	2092	1.943	ug/l #	54
59) 2-Hexanone	9.61	43	2303	3.093	ug/l	73
74) N-amyl acetate	11.46	43	1715	1.420	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.94	75	335	1.326	ug/l #	5
95) Naphthalene	14.49	128	23366	6.639	ug/l	96

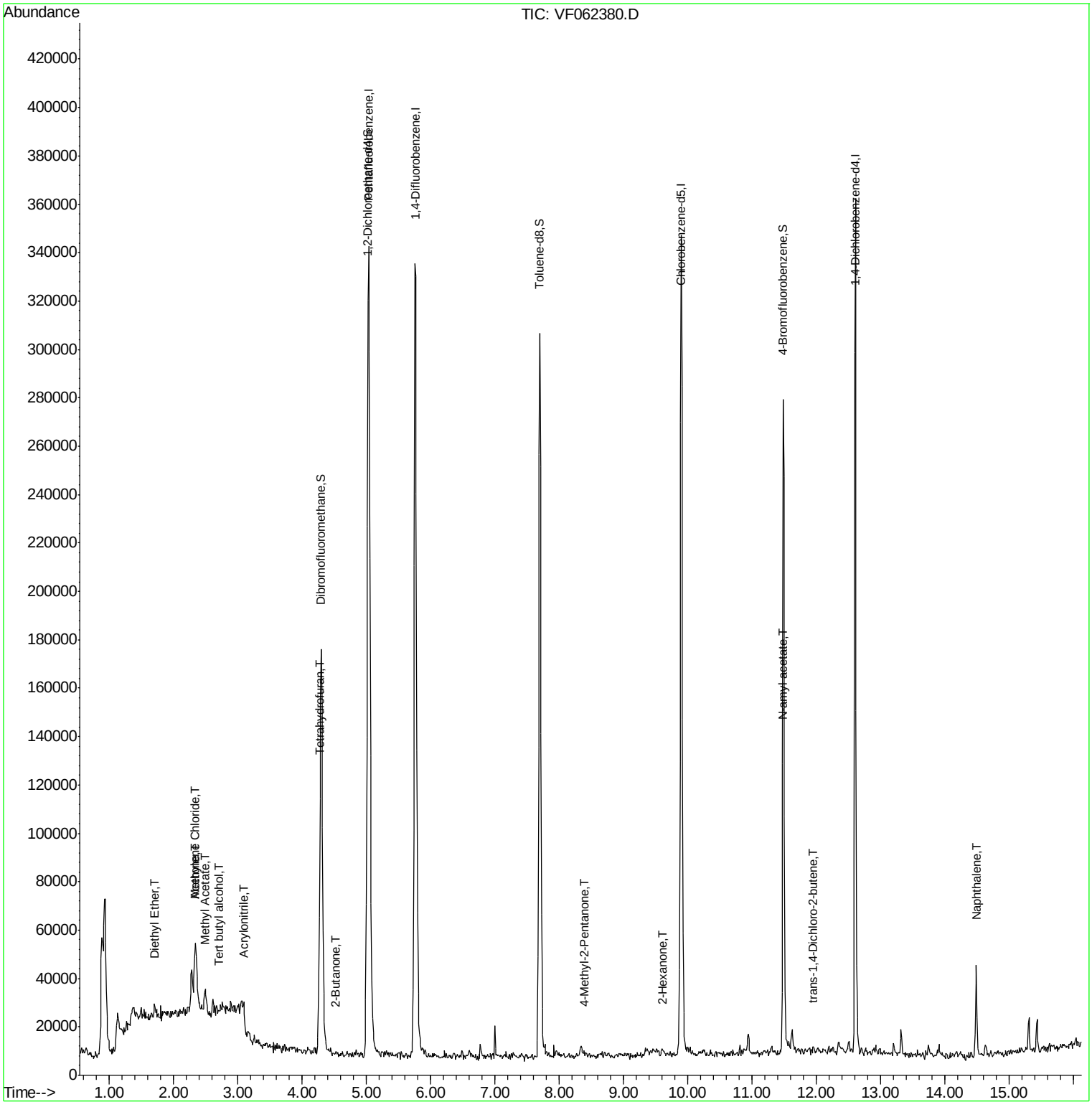
(#) = qualifier out of range (m) = manual integration (+) = signals summed

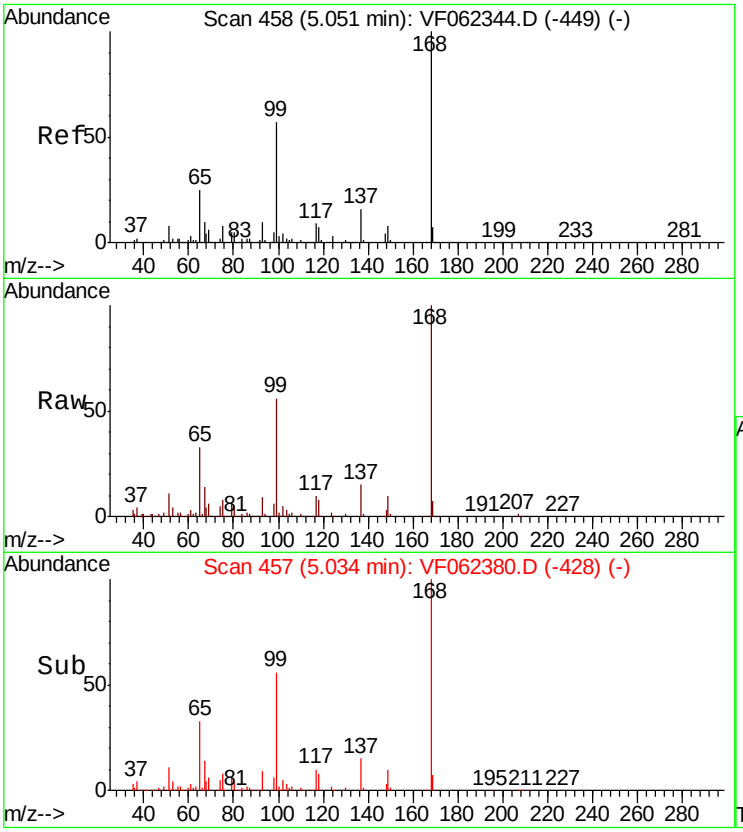
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062380.D
Acq On : 8 May 2019 16:36
Operator : FY/SY
Sample : K2673-11RE
Misc : 5.08g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Quant Time: May 09 05:01:35 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



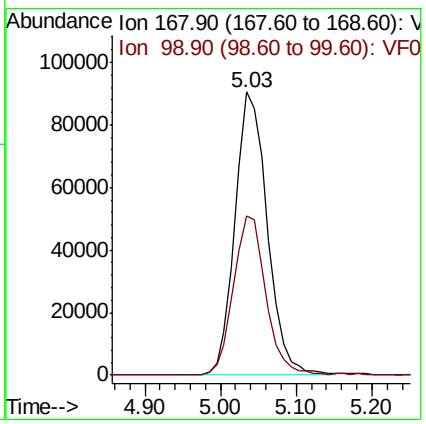


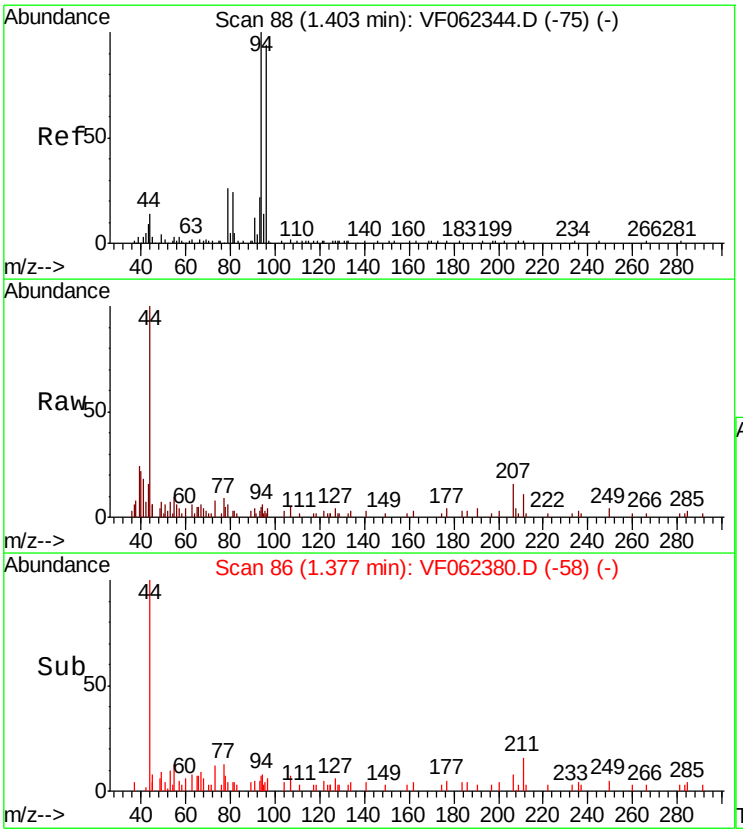
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion:168 Resp: 267911

Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.9	68.9

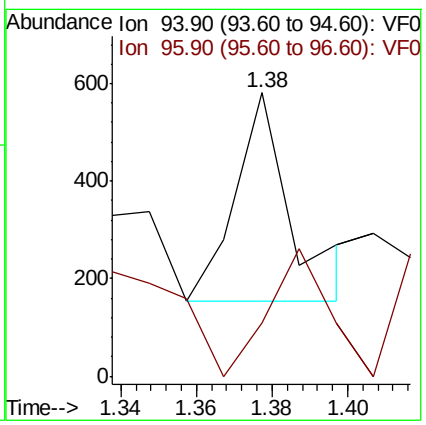


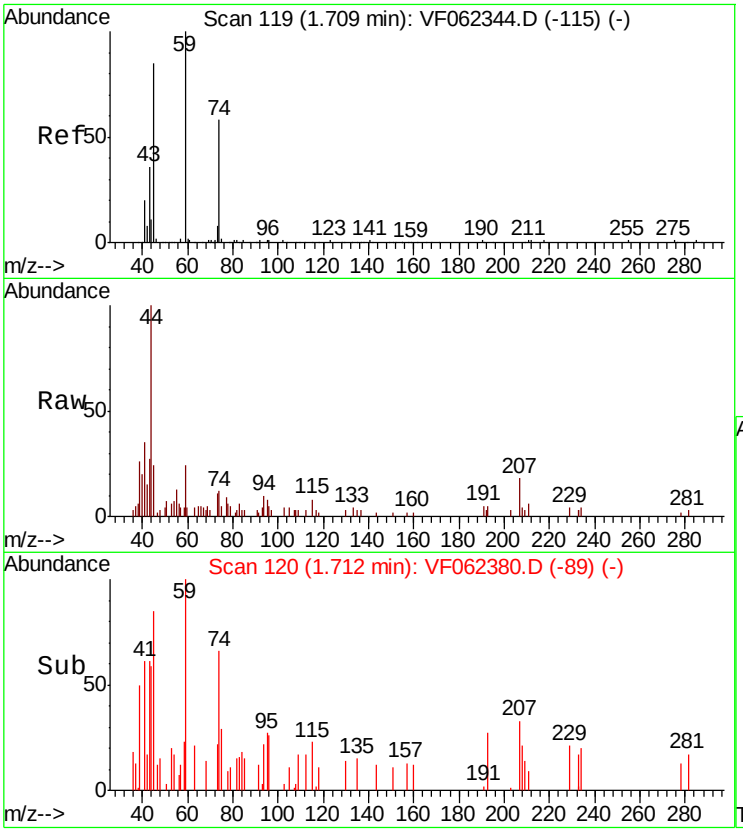


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.03 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 94 Resp: 441

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



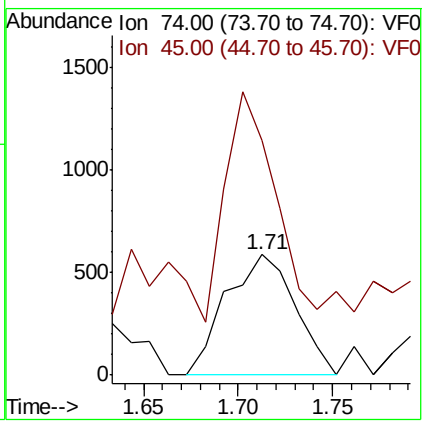


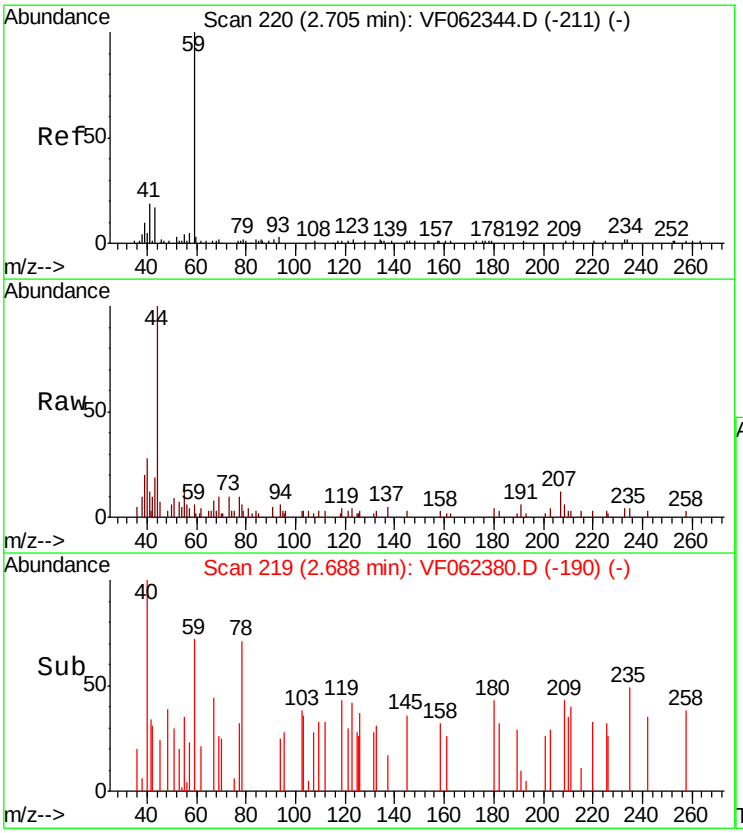
#8
Diethyl Ether
Concen: 2.335 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion: 74 Resp: 1495

Ion	Ratio	Lower	Upper
74	100		
45	141.0	73.9	221.6

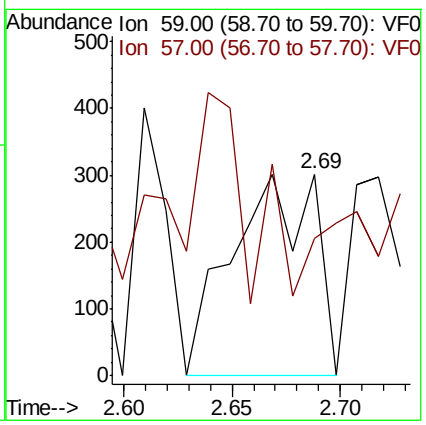


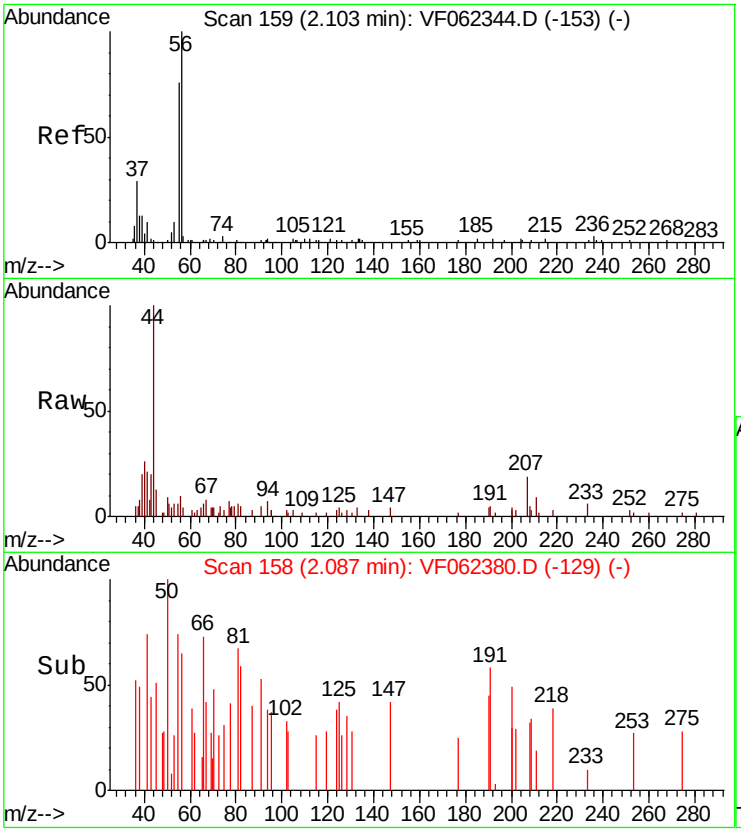


#11
Tert butyl alcohol
Concen: 5.570 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 59 Resp: 797

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



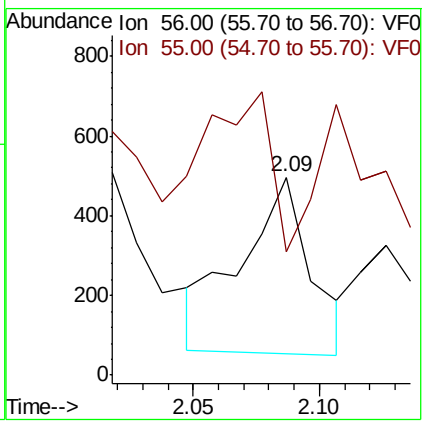


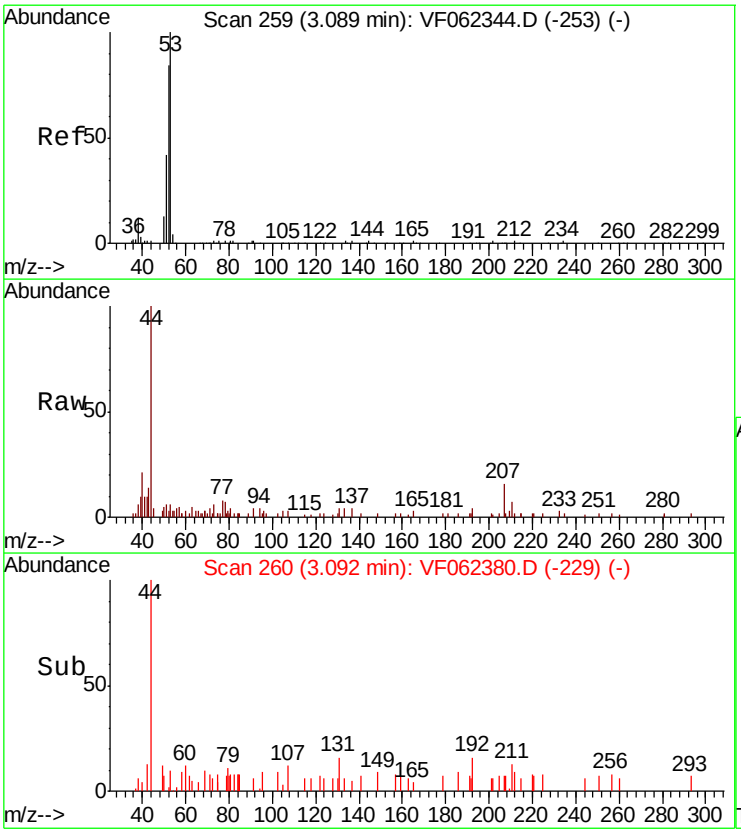
#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.02 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion: 56 Resp: 852

Ion	Ratio	Lower	Upper
56	100		
55	86.7	58.4	87.6

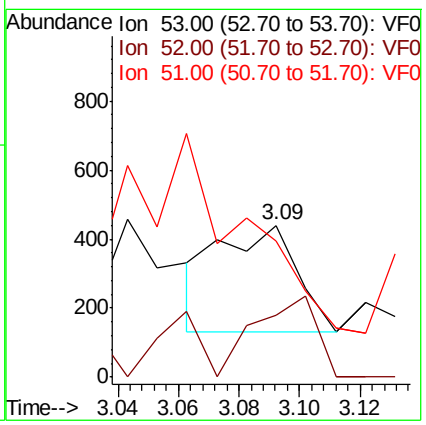


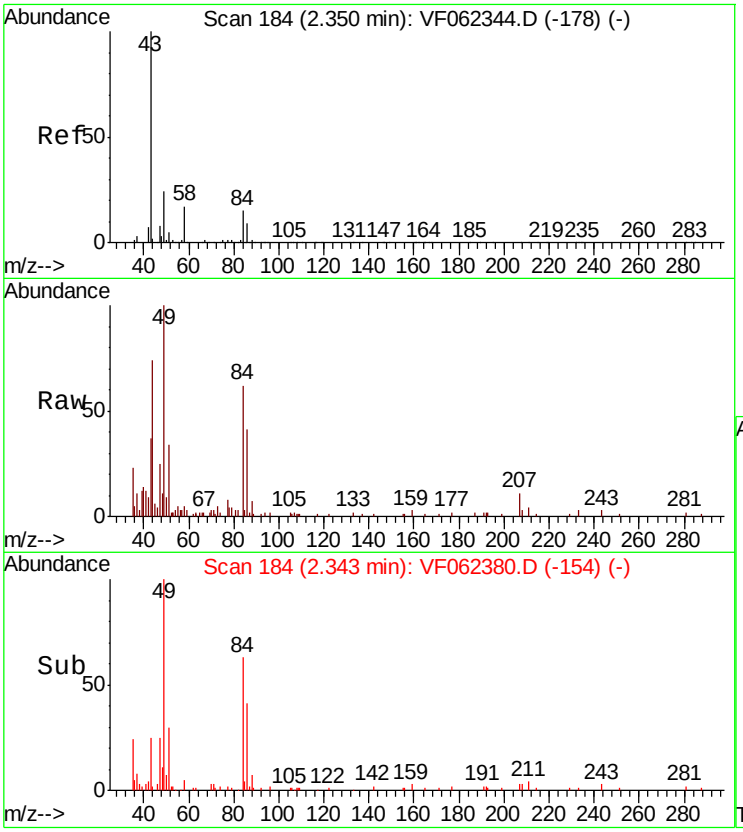


#15
Acrylonitrile
Concen: 2.051 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 53 Resp: 556

Ion	Ratio	Lower	Upper
53	100		
52	59.5	77.2	115.8#
51	0.0	40.6	61.0#



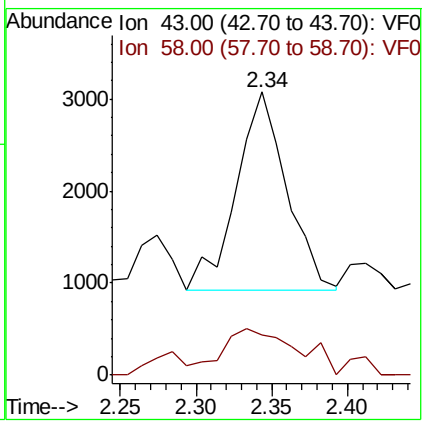


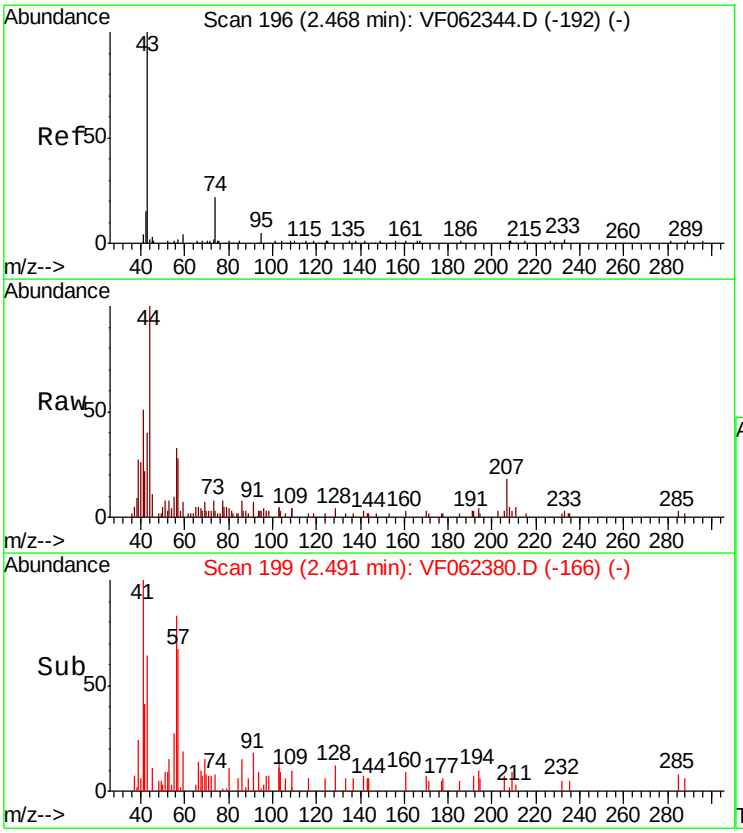
#16
Acetone
Concen: 9.706 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion: 43 Resp: 4971

Ion	Ratio	Lower	Upper
43	100		
58	20.1	13.1	19.7#

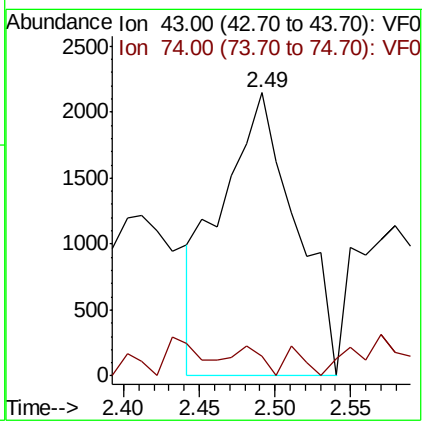


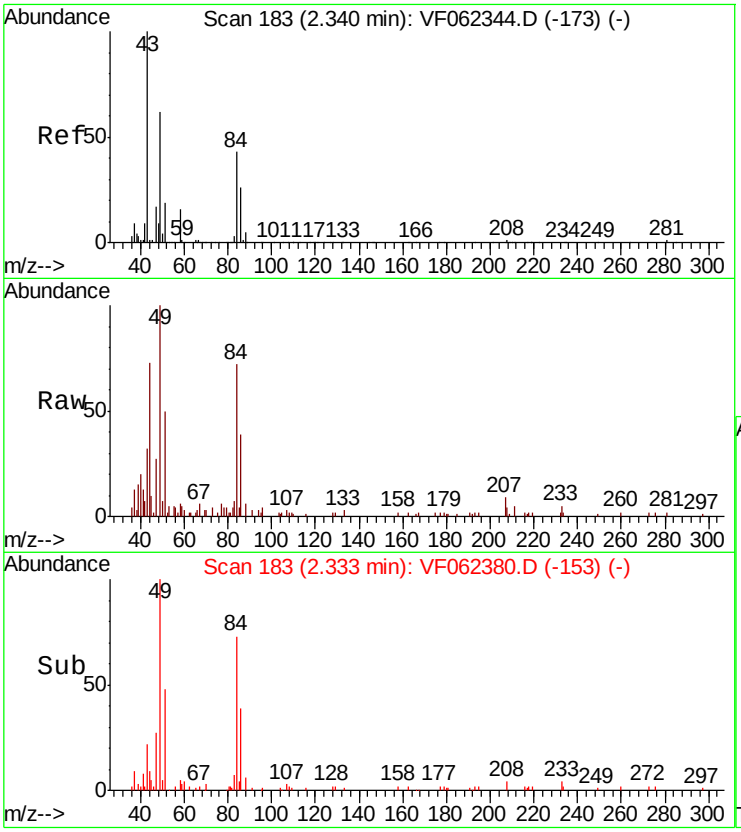


#18
Methyl Acetate
Concen: 5.065 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.02 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 43 Resp: 7360

Ion	Ratio	Lower	Upper
43	100		
74	4.2	15.0	22.4#



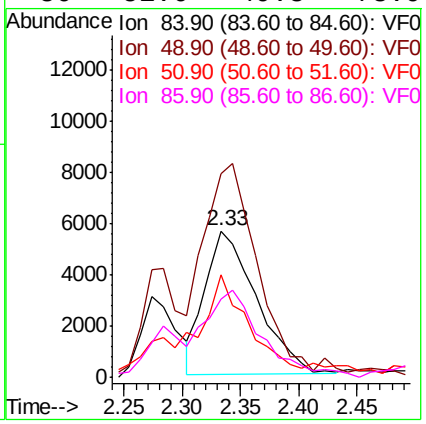


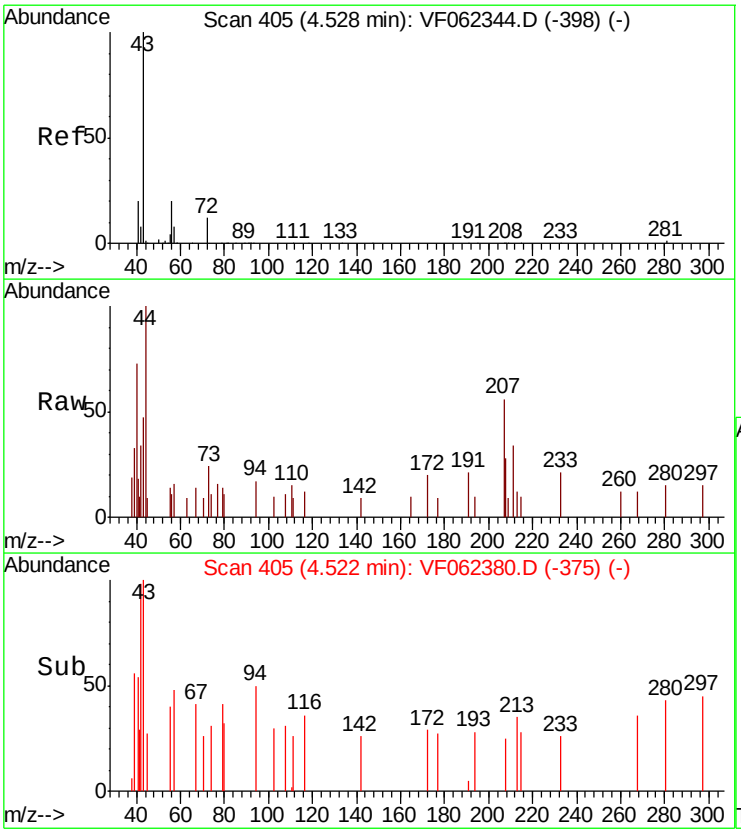
#20
Methylene Chloride
Concen: 9.231 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion: 84 Resp: 17105

Ion	Ratio	Lower	Upper
84	100		
49	138.5	117.5	176.3
51	64.7	37.0	55.4#
86	51.6	49.3	73.9

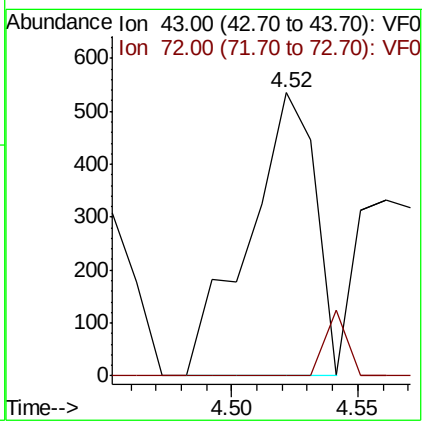


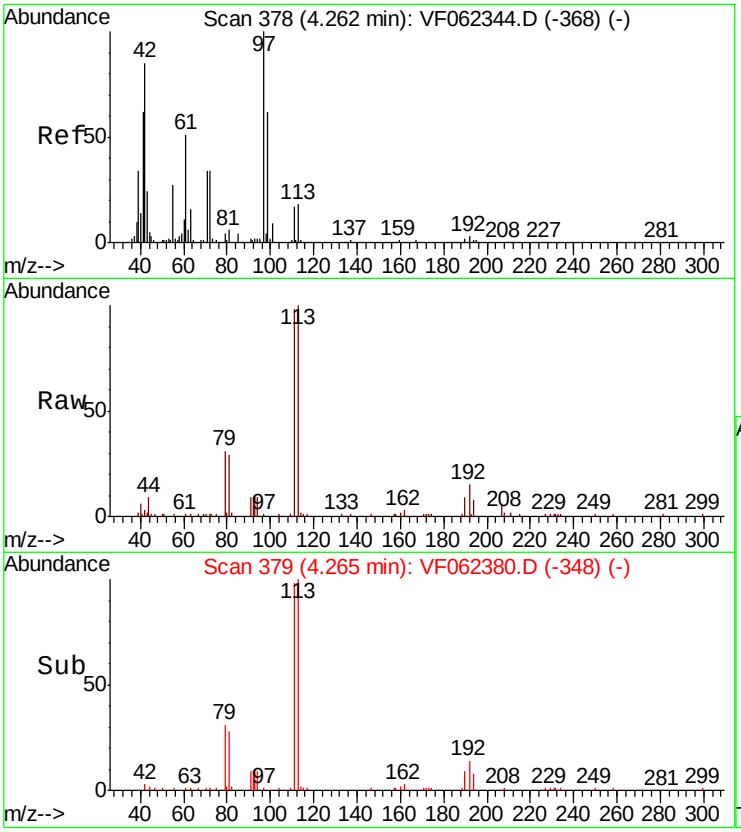


#25
2-Butanone
Concen: 1.531 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 43 Resp: 985

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



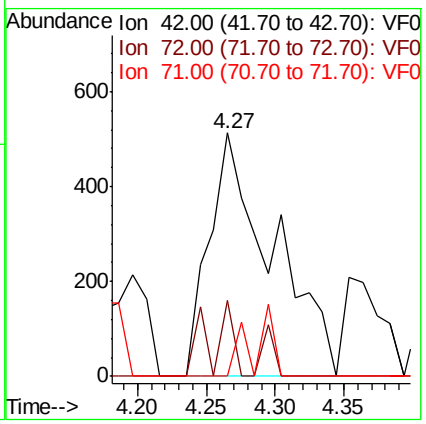


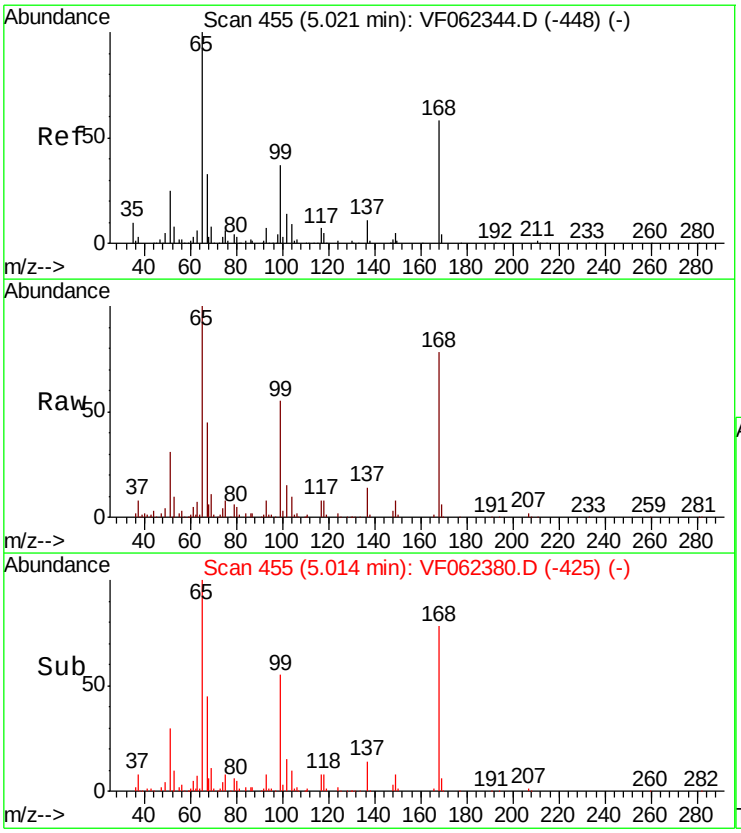
#29
Tetrahydrofuran
Concen: 5.546 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion: 42 Resp: 1640

Ion	Ratio	Lower	Upper
42	100		
72	11.1	31.4	47.0#
71	4.1	31.7	47.5#

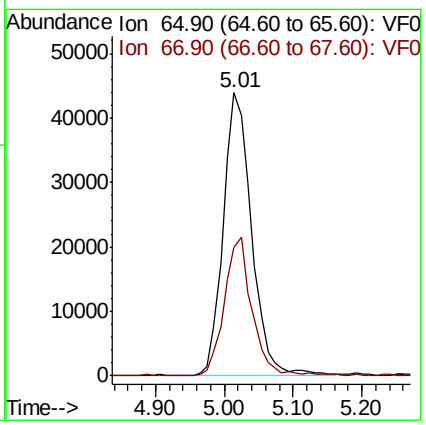


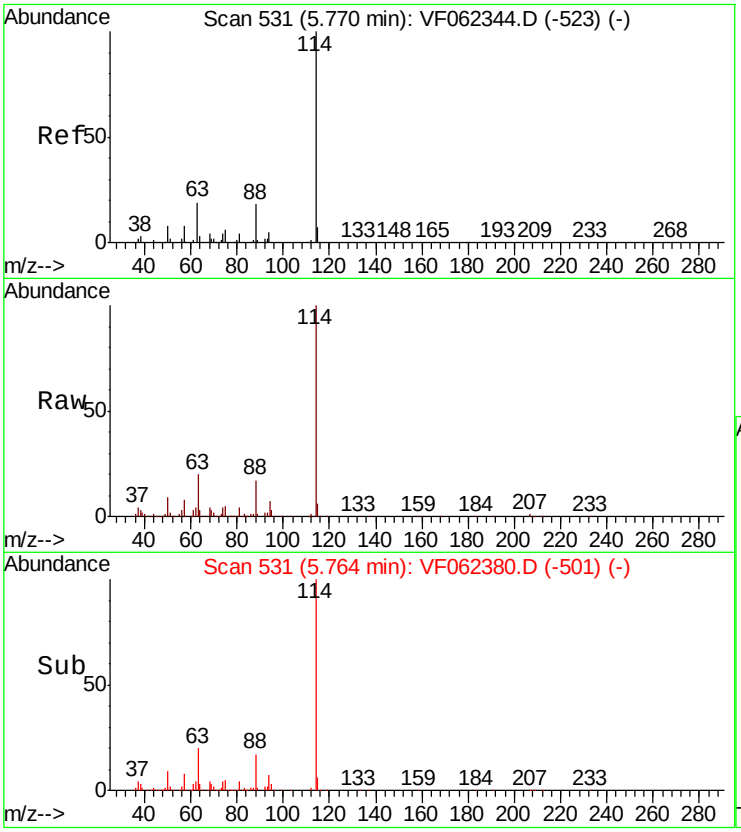


#33
1,2-Dichloroethane-d4
Concen: 49.623 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 65 Resp: 125639

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	85.8



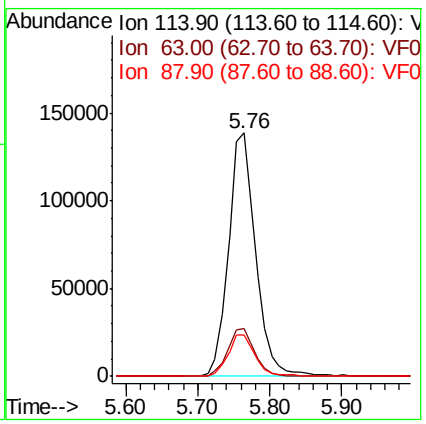


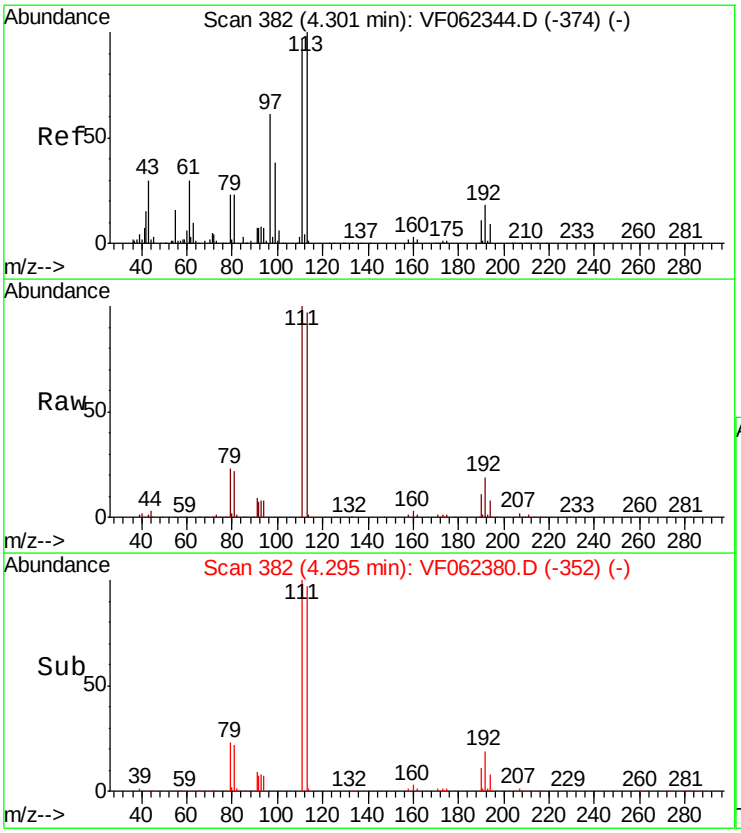
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion:114 Resp: 363612

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.4
88	16.9	0.0	36.4

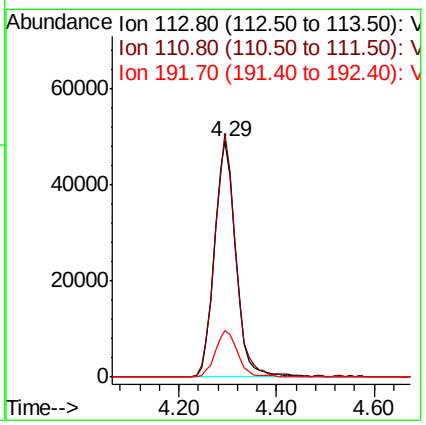


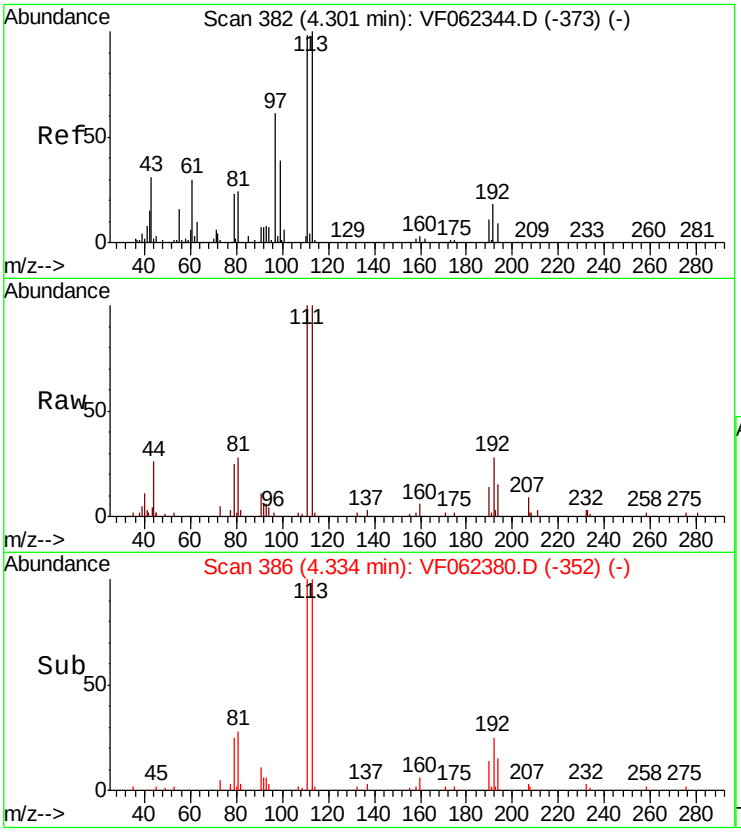


#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion:113 Resp: 150378

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.4	16.0	24.0



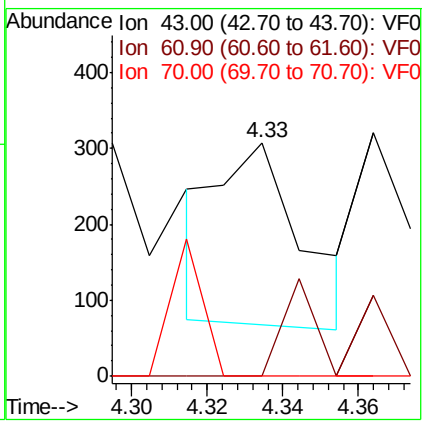


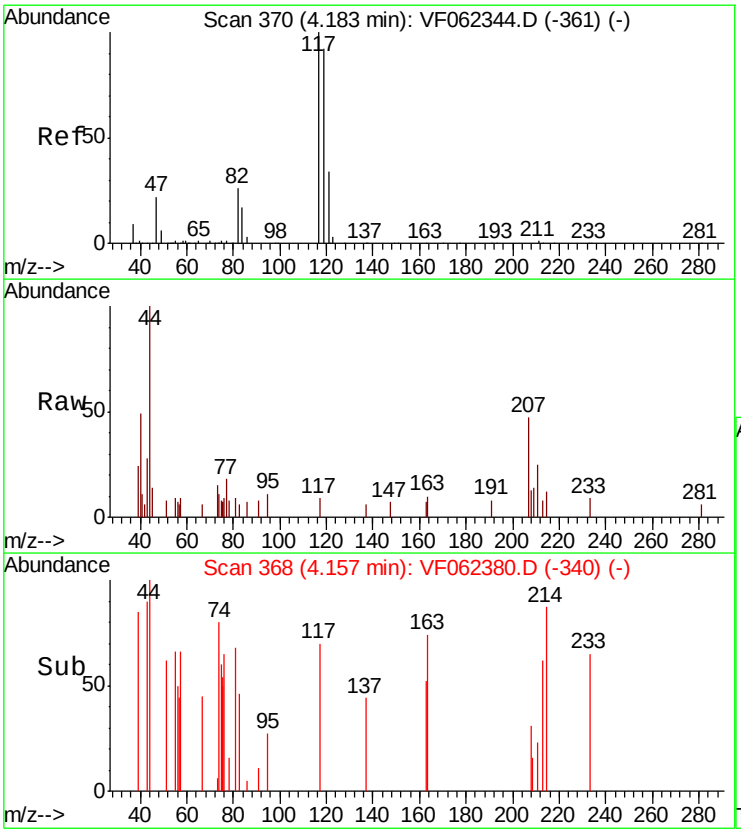
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion: 43 Resp: 362

Ion	Ratio	Lower	Upper
43	100		
61	38.1	0.0	0.0#
70	0.0	8.2	12.2#

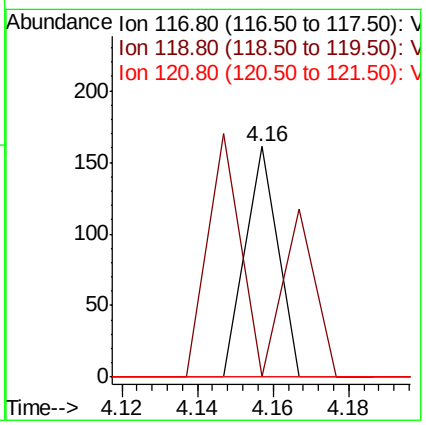


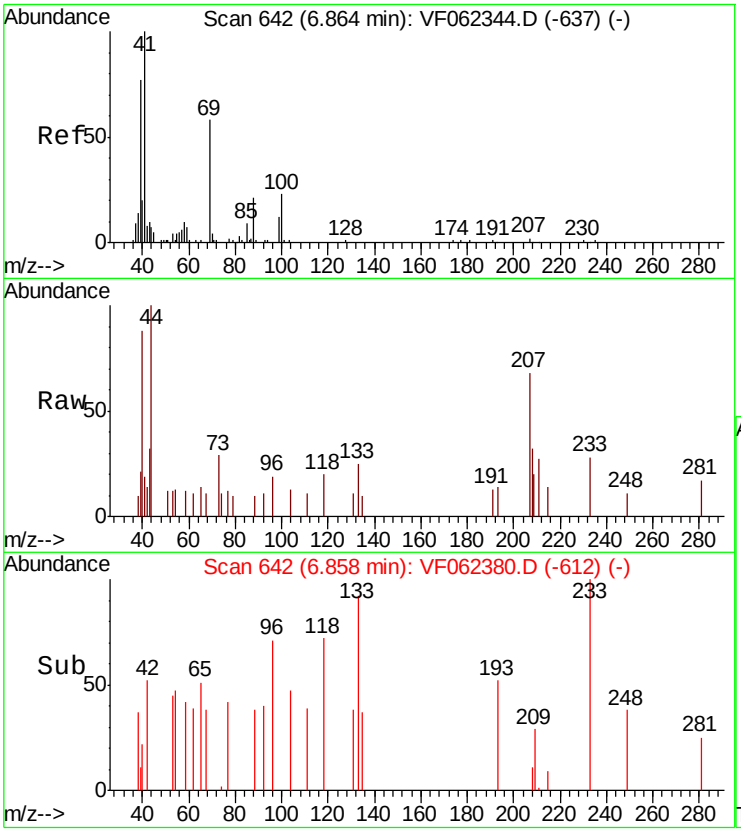


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.16 min Scan# 368
Delta R.T. -0.03 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion:117 Resp: 95

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



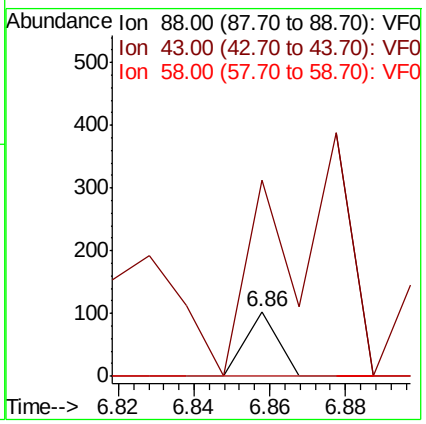


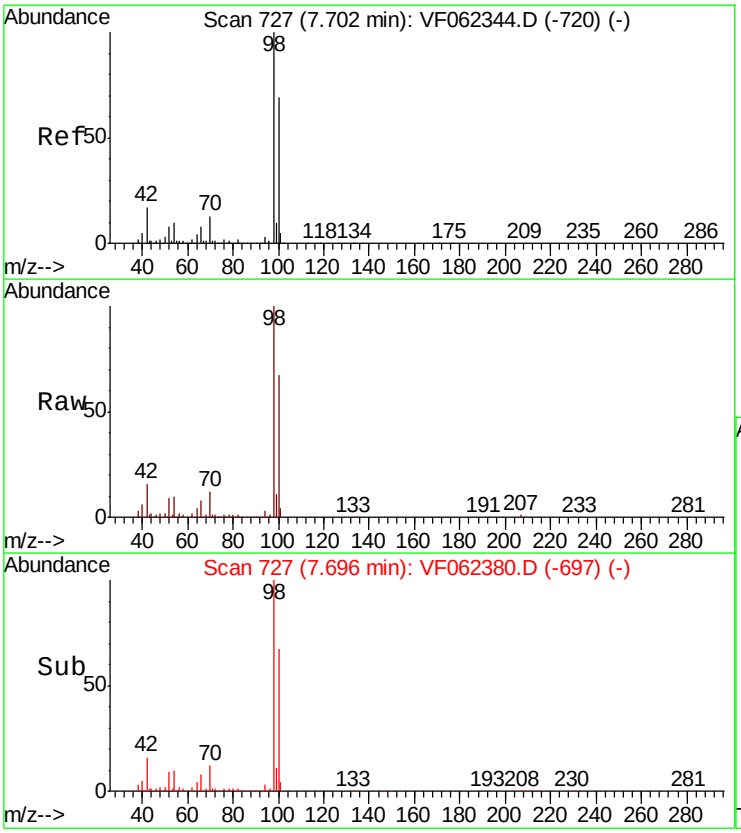
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	786.9	55.6	83.4#
58	0.0	52.8	79.2#

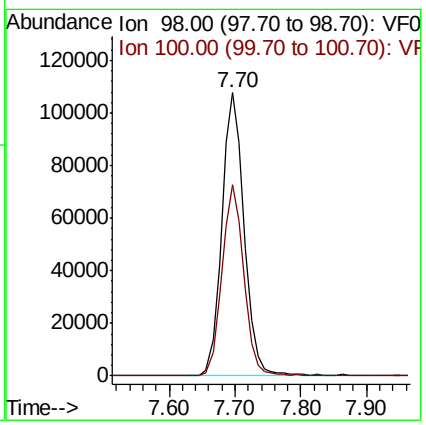


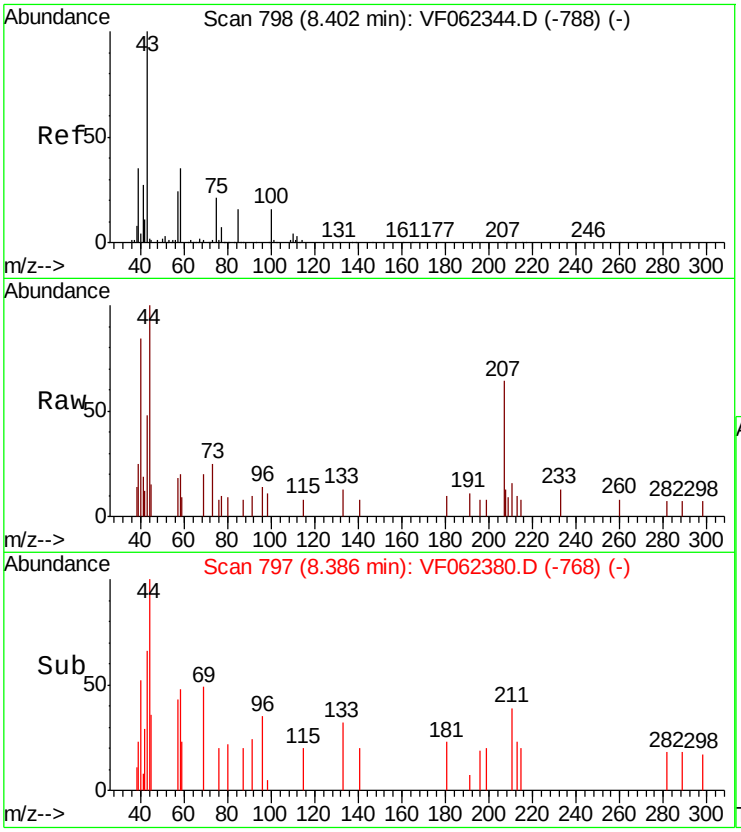


#50
Toluene-d8
Concen: 36.428 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 98 Resp: 255443

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9



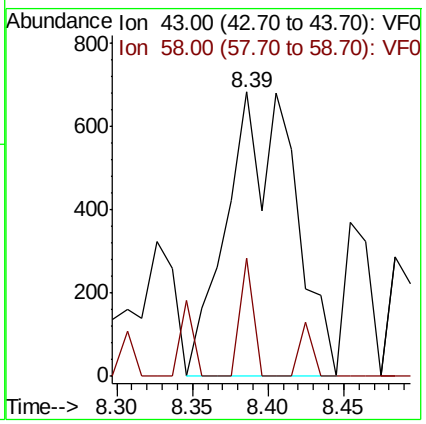


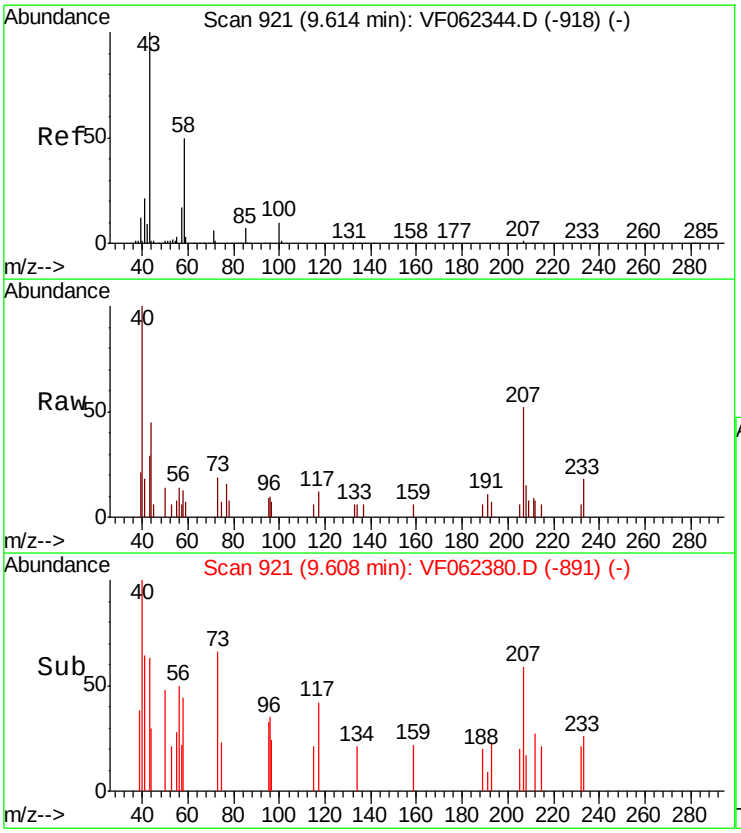
#51
4-Methyl-2-Pentanone
Concen: 1.943 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.02 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion: 43 Resp: 2092

Ion	Ratio	Lower	Upper
43	100		
58	8.0	27.8	41.6#

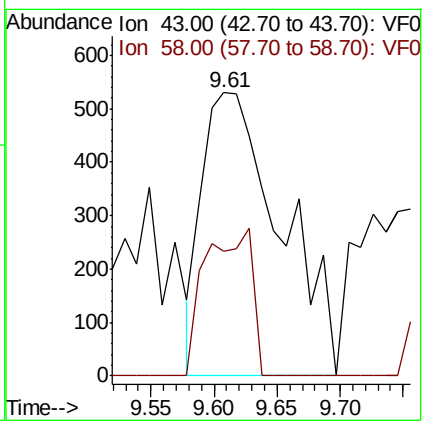


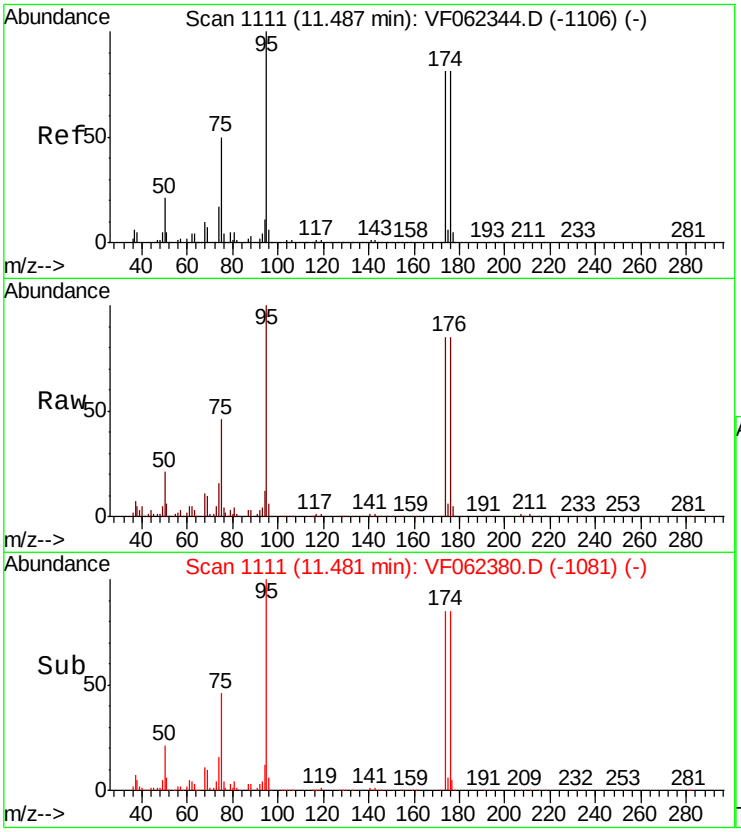


#59
2-Hexanone
Concen: 3.093 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 43 Resp: 2303

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.3	73.0



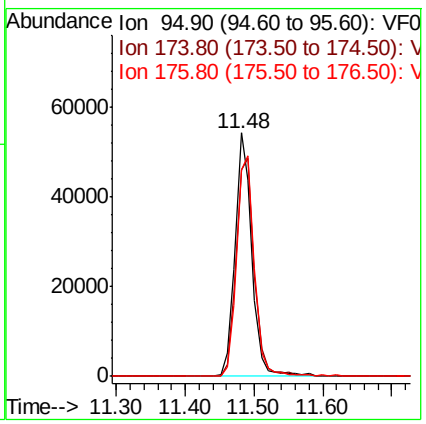


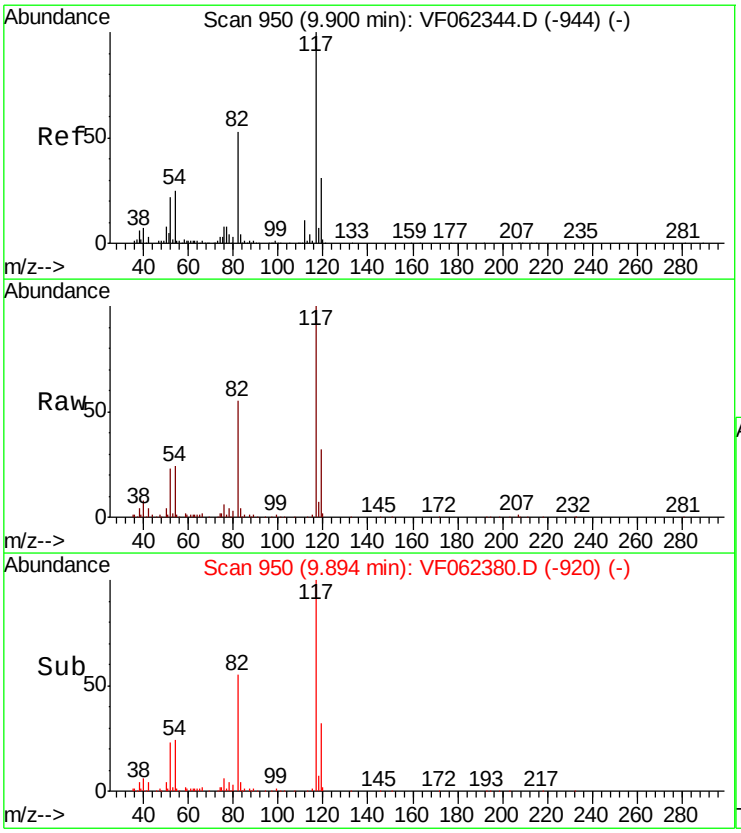
#62
4-Bromofluorobenzene
Concen: 28.833 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion: 95 Resp: 91217

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	191.8
176	96.2	0.0	193.2

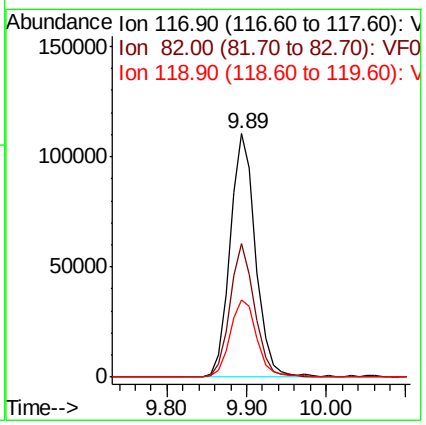


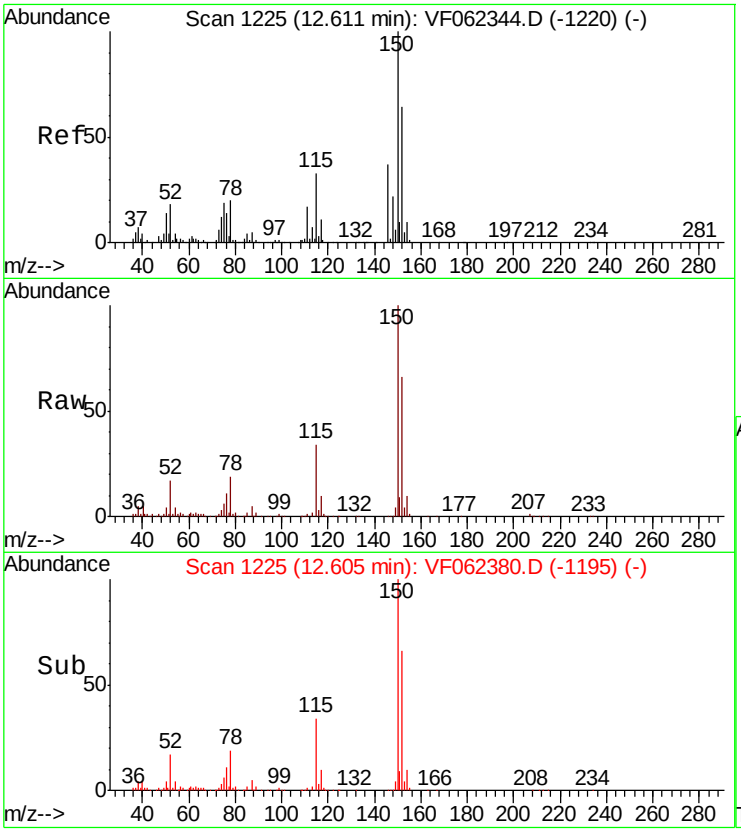


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion:117 Resp: 245924

Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.2	63.2
119	31.6	25.0	37.4



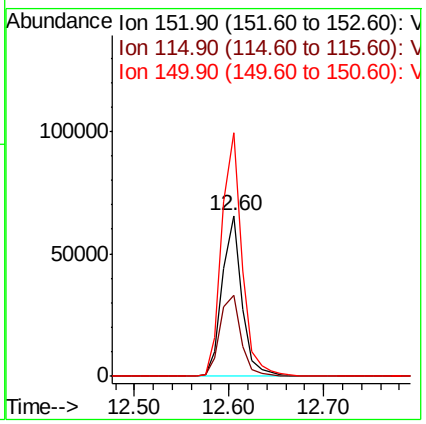


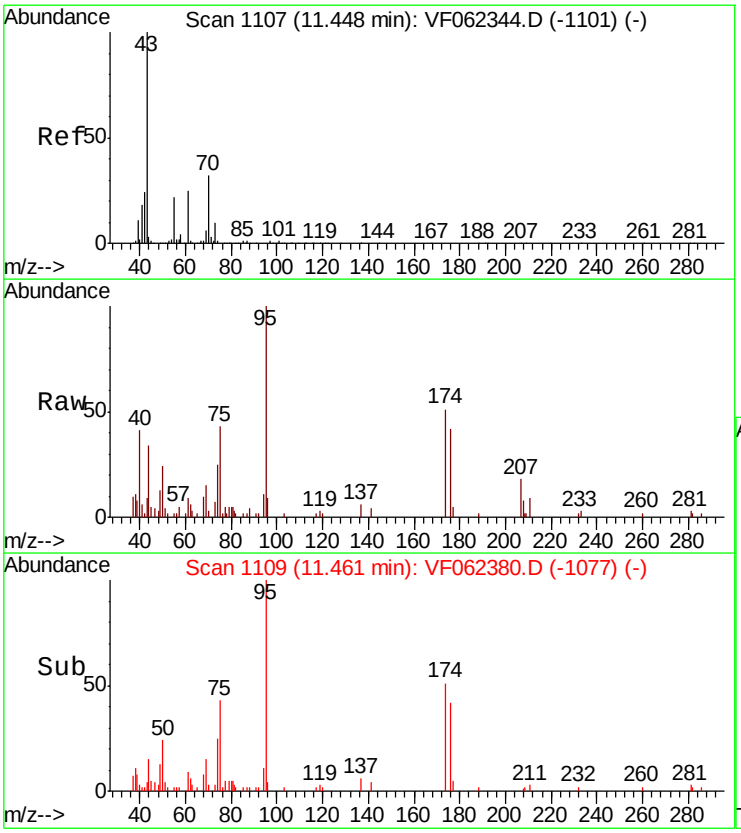
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument : MSVOA_F
ClientSampleId : SB-16-2.0-2.5RE

Tgt Ion:152 Resp: 94895

Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.4	79.2
150	155.4	0.0	335.0

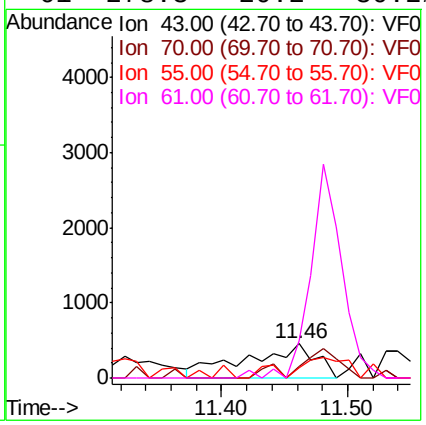


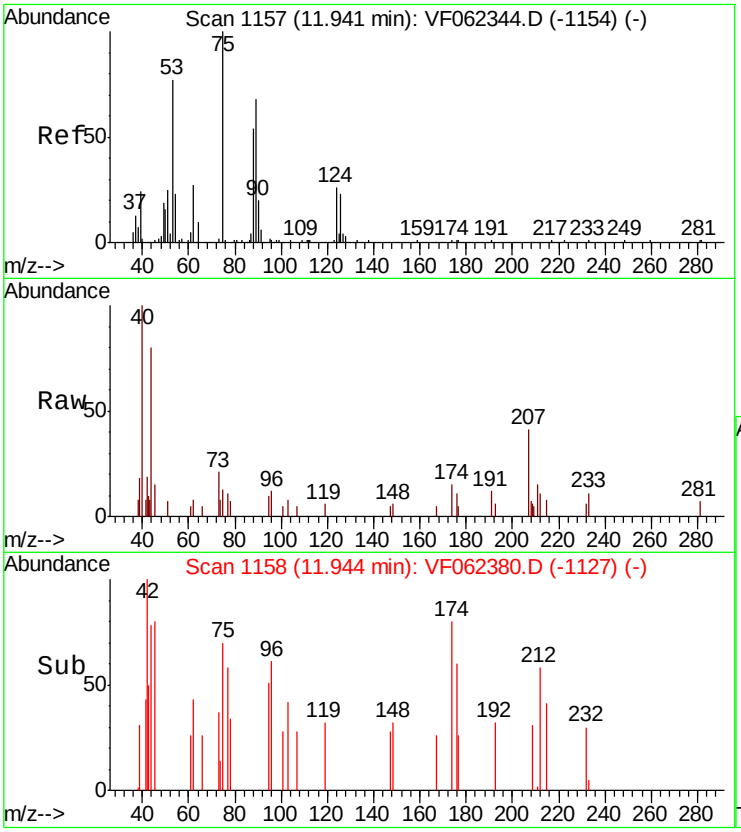


#74
N-amyl acetate
Concen: 1.420 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion: 43 Resp: 1715

Ion	Ratio	Lower	Upper
43	100		
70	40.6	26.5	39.7#
55	44.5	17.8	26.6#
61	278.3	20.2	30.2#



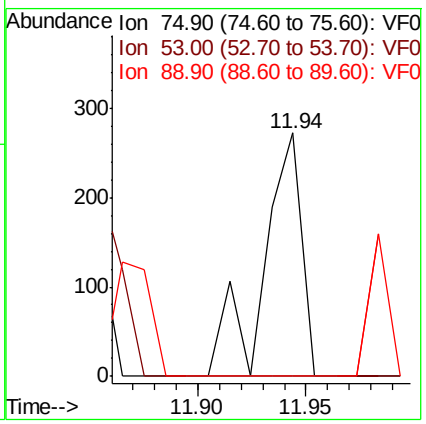


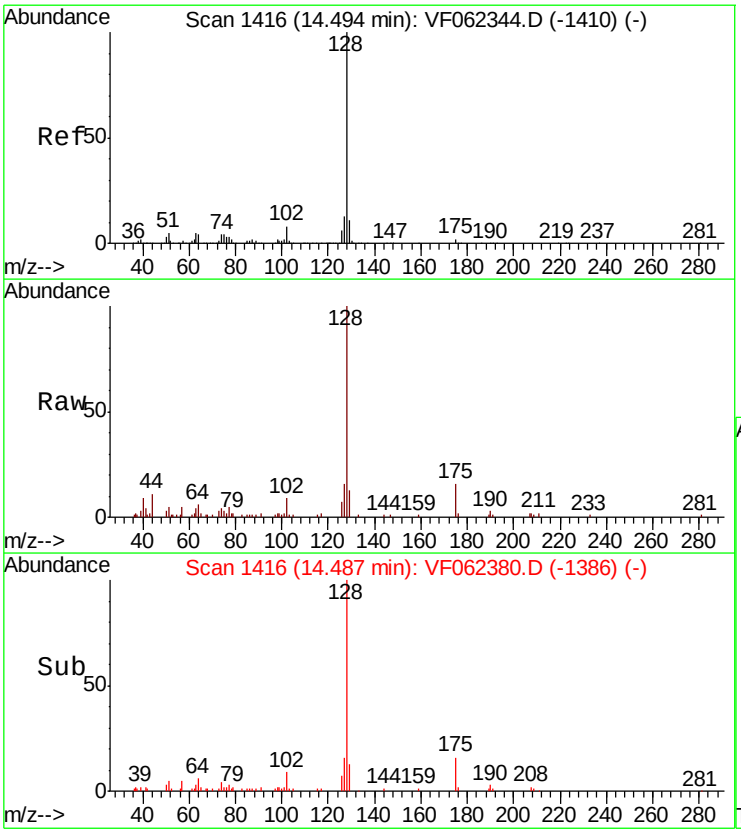
#81
trans-1,4-Dichloro-2-butene
Concen: 1.326 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Instrument :
MSVOA_F
ClientSampleId :
SB-16-2.0-2.5RE

Tgt Ion: 75 Resp: 335

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	0.0	0.0	0.0





#95
Naphthalene
Concen: 6.639 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062380.D
Acq: 8 May 2019 16:36

Tgt Ion:128 Resp: 23366

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	12.7	8.6	12.8