Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062381.D
Acq On : 8 May 2019 17:04
Operator : FY/SY
Sample : K2673-13RE
Misc : 5.06g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Quant Time: May 09 05:01:47 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	5.04	168	267064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	350672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	236319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	101495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	134337	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.46%			
35) Dibromofluoromethane	4.29	113	26008	9.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.62%			
50) Toluene-d8	7.70	98	268644	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.44%			
62) 4-Bromofluorobenzene	11.48	95	105321	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.04%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	450	Below Cal	#	78
8) Diethyl Ether	1.71	74	2075	3.251	ug/l	44
11) Tert butyl alcohol	2.74	59	959	6.723	ug/l #	67
13) Acrolein	2.09	56	300	Below Cal		93
14) Allyl chloride	2.15	41	1920	1.062	ug/l #	39
16) Acetone	2.34	43	18934	37.085	ug/l	93
18) Methyl Acetate	2.48	43	3969	1.206	ug/l #	58
20) Methylene Chloride	2.32	84	16580	8.976	ug/l #	87
25) 2-Butanone	4.53	43	2352	3.667	ug/l #	60
29) Tetrahydrofuran	4.27	42	761	2.581	ug/l #	64
37) Ethyl Acetate	4.29	43	965	Below Cal	#	53
38) Carbon Tetrachloride	4.19	117	60	Below Cal	#	14
39) Methylcyclohexane	5.76	83	5232	1.732	ug/l #	42
49) 1,4-Dioxane	6.94	88	60	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.40	43	3033	2.921	ug/l #	86
59) 2-Hexanone	9.72	43	835	1.163	ug/l	68
81) trans-1,4-Dichloro-2-buten	11.94	75	323	1.196	ug/l #	46
95) Naphthalene	14.49	128	6517	1.731	ug/l #	81

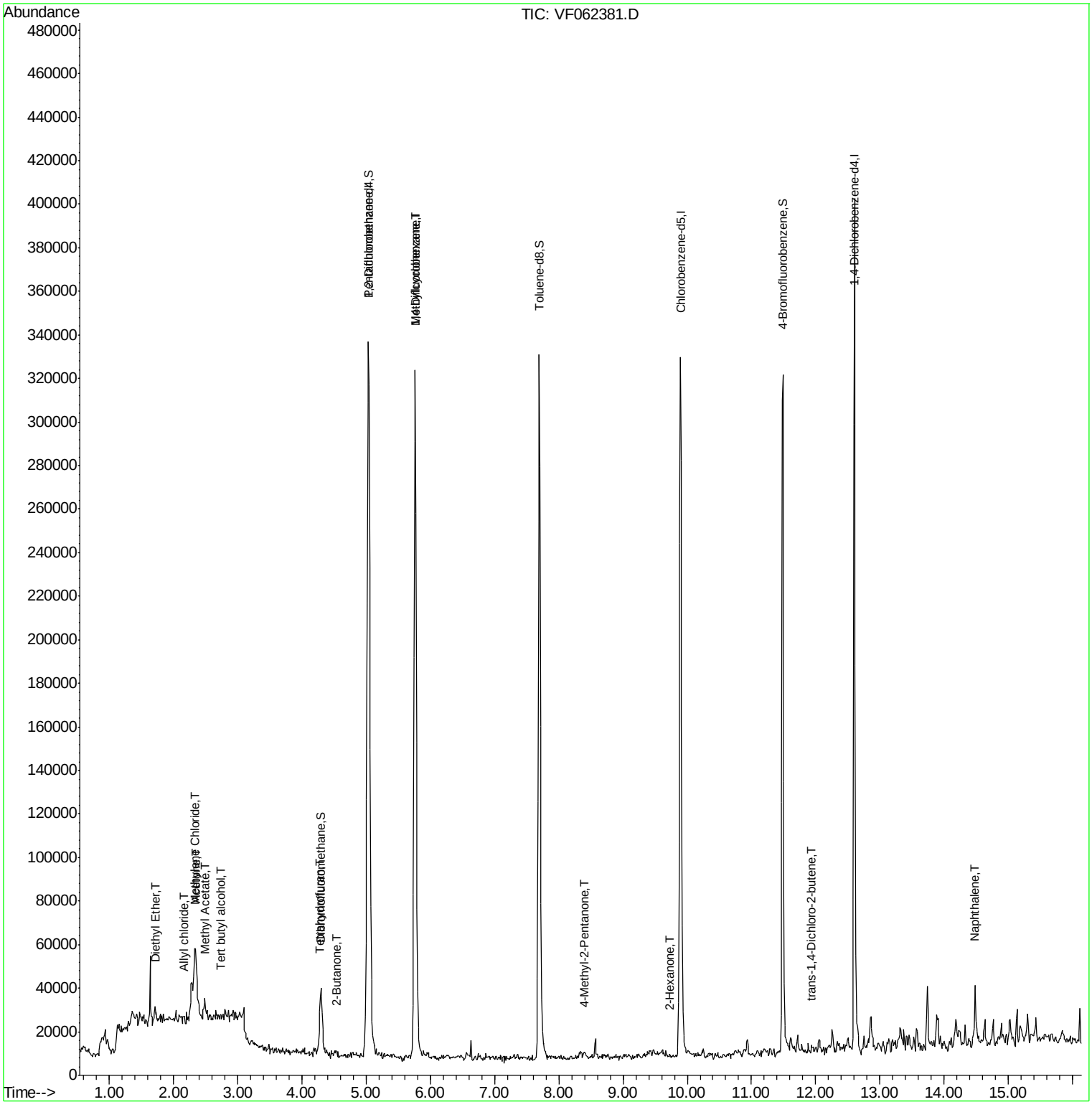
(#) = qualifier out of range (m) = manual integration (+) = signals summed

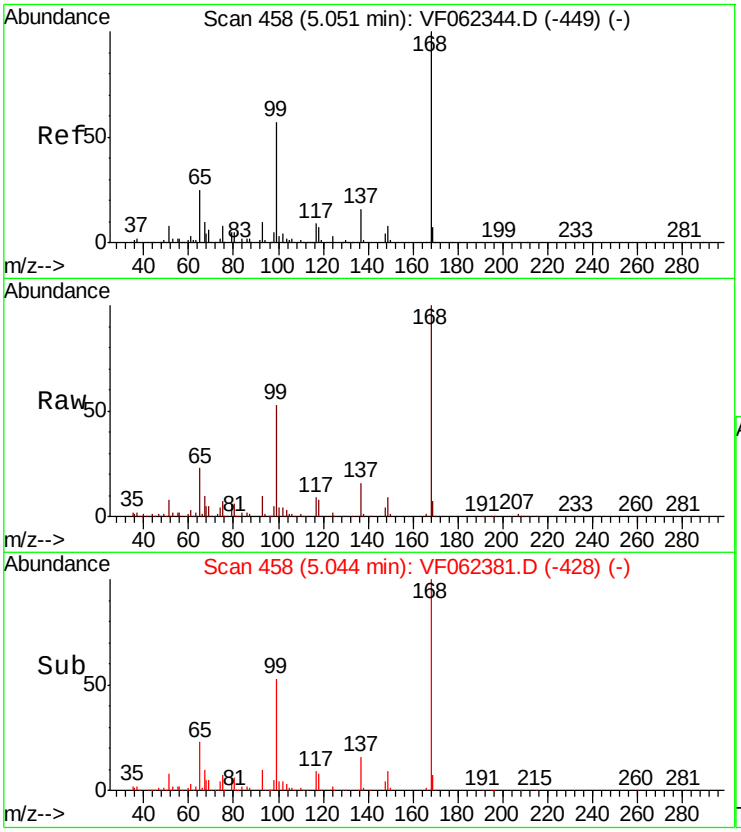
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062381.D
Acq On : 8 May 2019 17:04
Operator : FY/SY
Sample : K2673-13RE
Misc : 5.06g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Quant Time: May 09 05:01:47 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



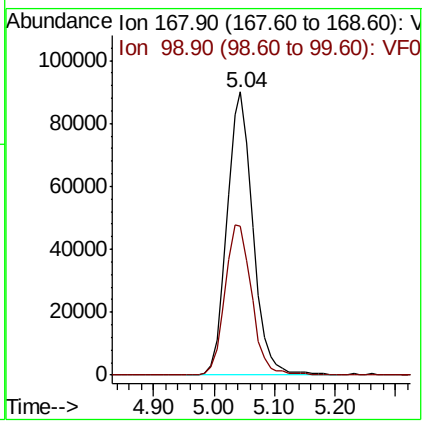


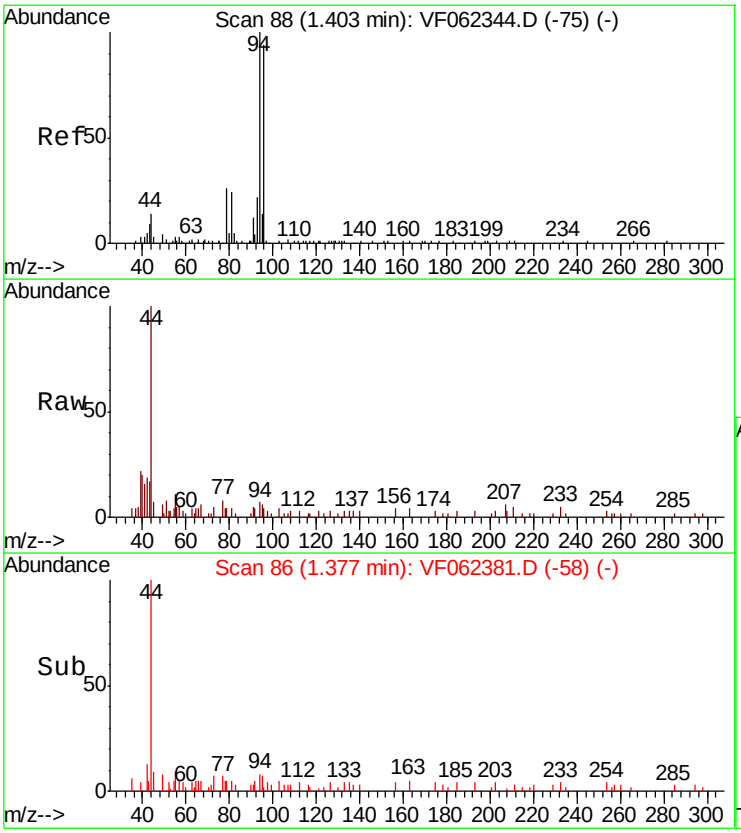
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion:168 Resp: 267064

Ion	Ratio	Lower	Upper
168	100		
99	52.5	45.9	68.9

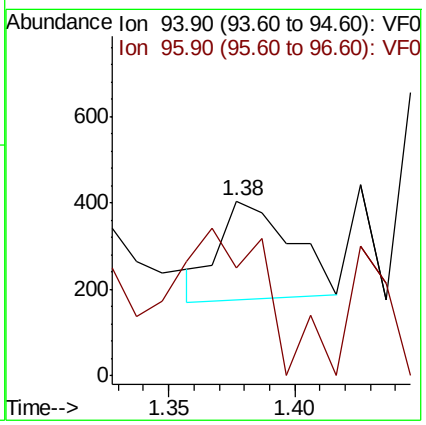


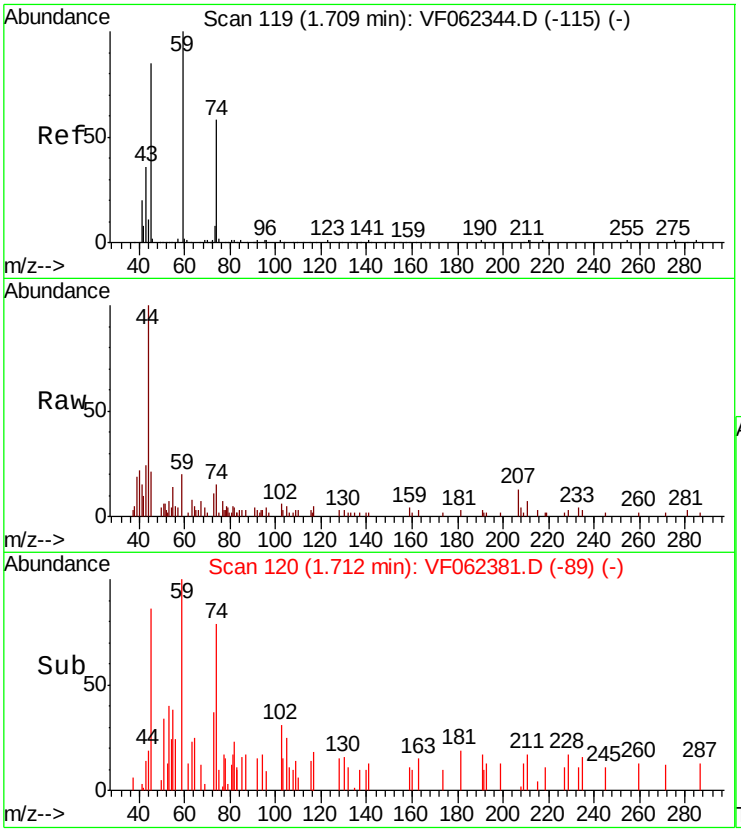


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.03 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 94 Resp: 450

Ion	Ratio	Lower	Upper
94	100		
96	115.8	75.4	113.2#



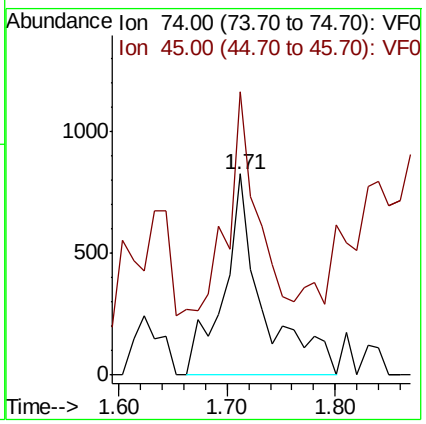


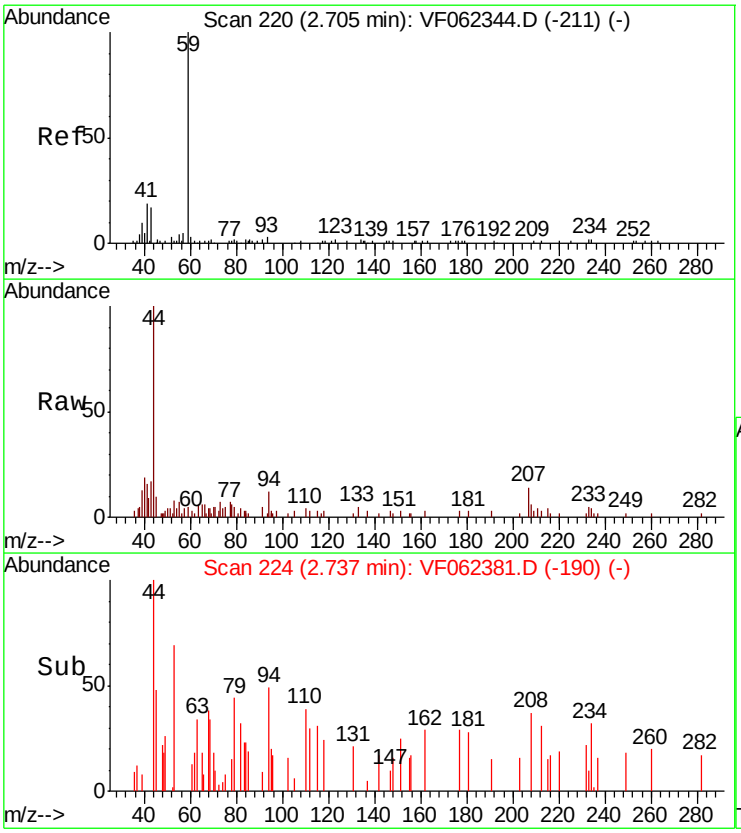
#8
Diethyl Ether
Concen: 3.251 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion: 74 Resp: 2075

Ion	Ratio	Lower	Upper
74	100		
45	76.7	73.9	221.6

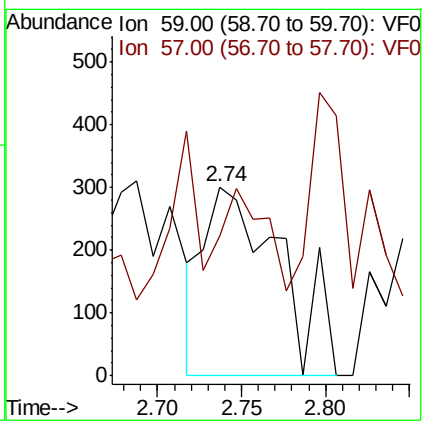


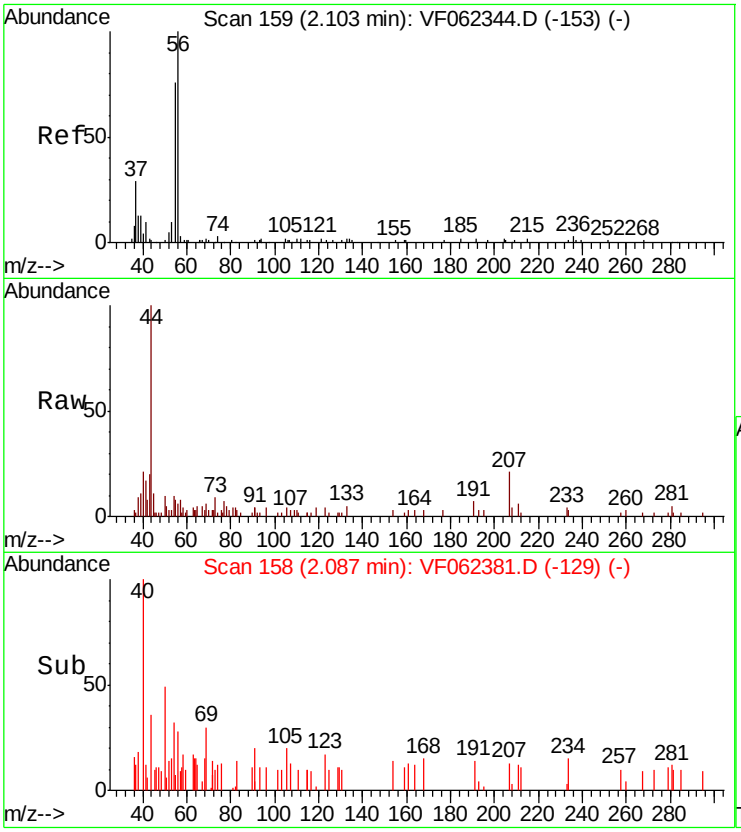


#11
Tert butyl alcohol
Concen: 6.723 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.03 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 59 Resp: 959

Ion	Ratio	Lower	Upper
59	100		
57	24.3	9.3	13.9#



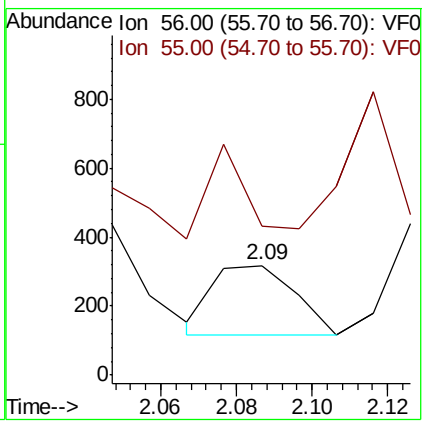


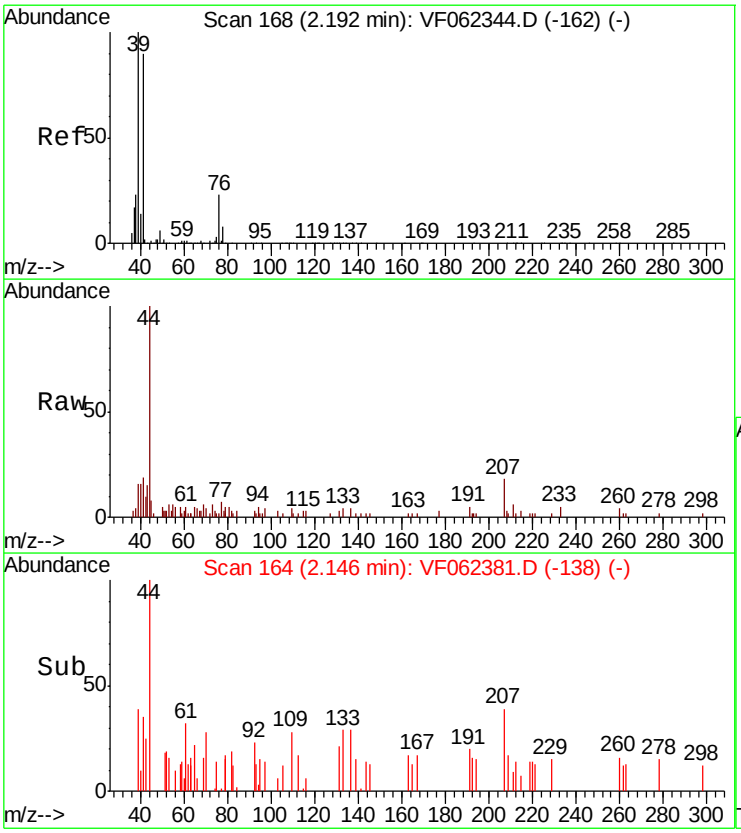
#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.02 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion: 56 Resp: 300

Ion	Ratio	Lower	Upper
56	100		
55	67.3	58.4	87.6

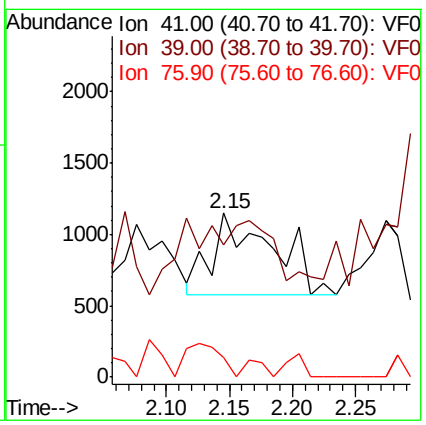


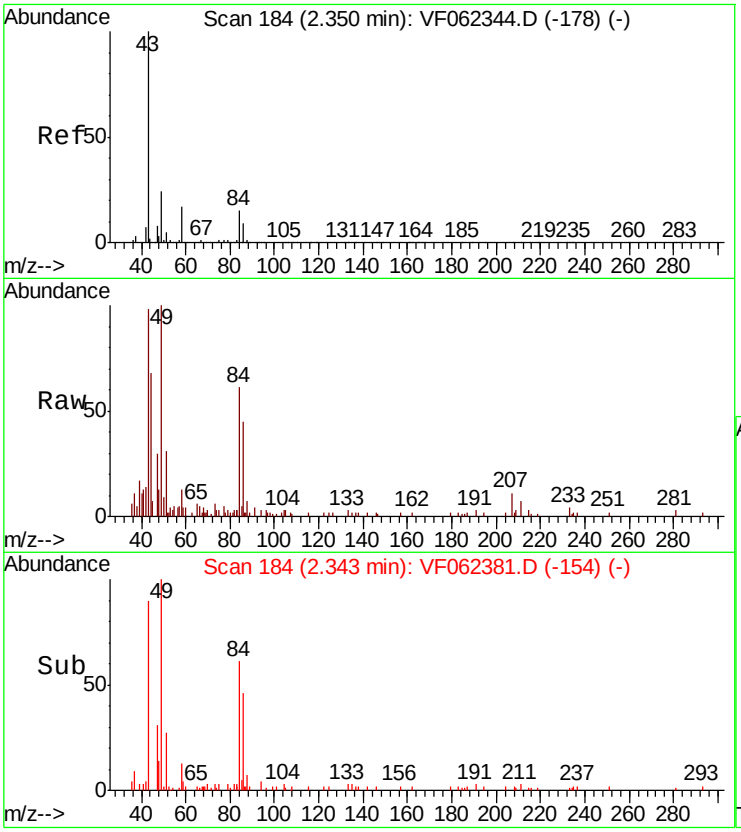


#14
Allyl chloride
Concen: 1.062 ug/l
RT: 2.15 min Scan# 164
Delta R.T. -0.05 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 41 Resp: 1920

Ion	Ratio	Lower	Upper
41	100		
39	42.3	90.8	136.2#
76	7.0	22.2	33.4#



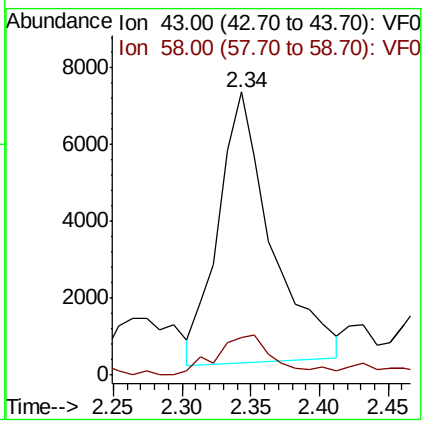


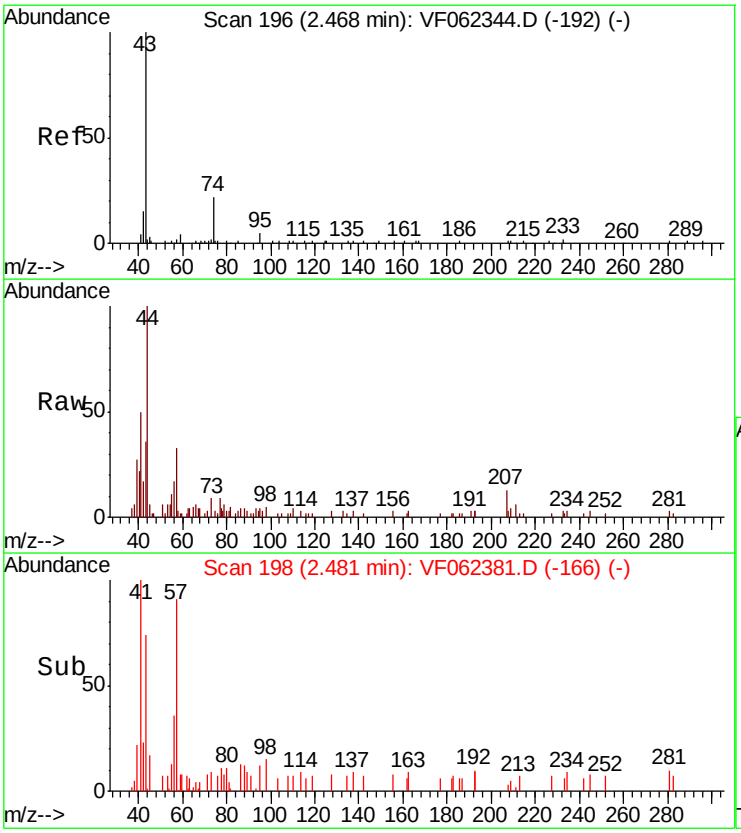
#16
Acetone
Concen: 37.085 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 43 Resp: 18934

Ion	Ratio	Lower	Upper
43	100		
58	13.3	13.1	19.7

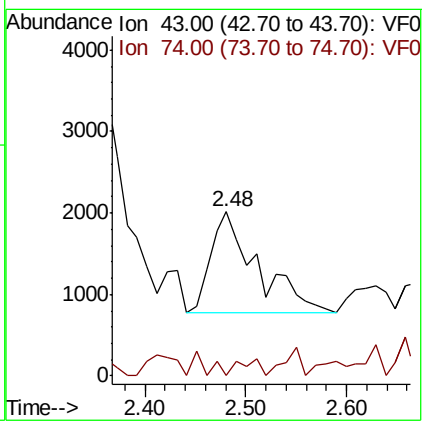


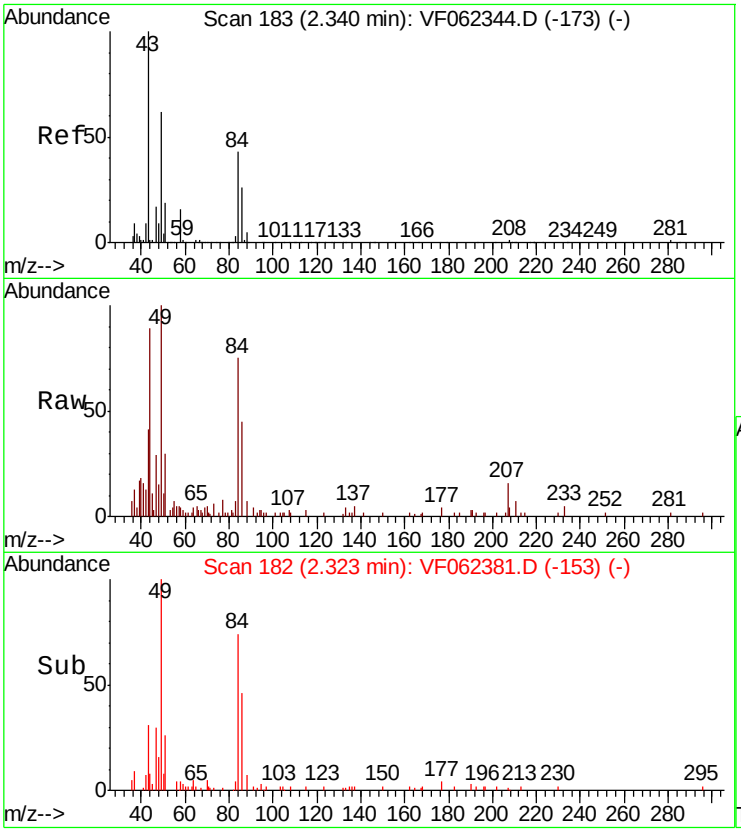


#18
Methyl Acetate
Concen: 1.206 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 43 Resp: 3969

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



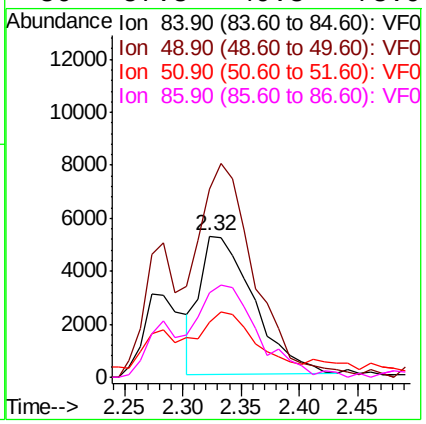


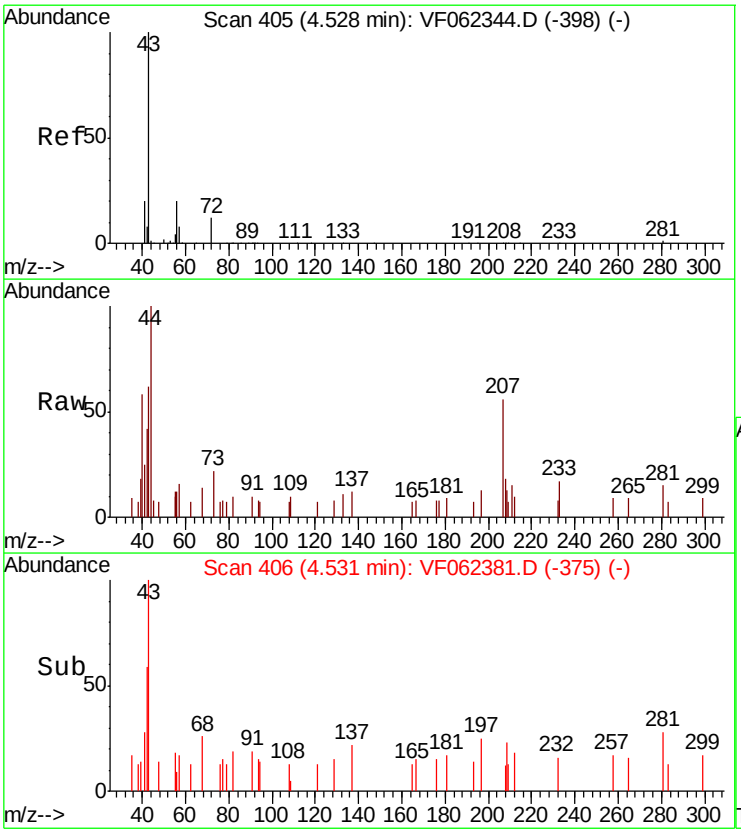
#20
Methylene Chloride
Concen: 8.976 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion: 84 Resp: 16580

Ion	Ratio	Lower	Upper
84	100		
49	131.4	117.5	176.3
51	30.6	37.0	55.4#
86	57.8	49.3	73.9

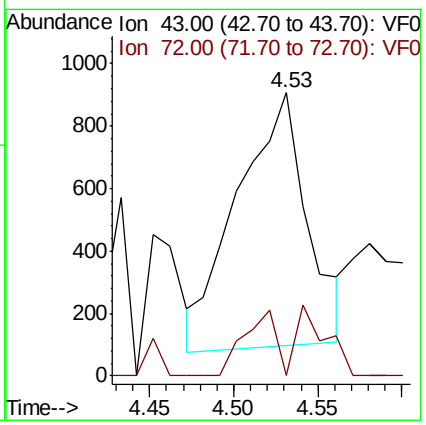


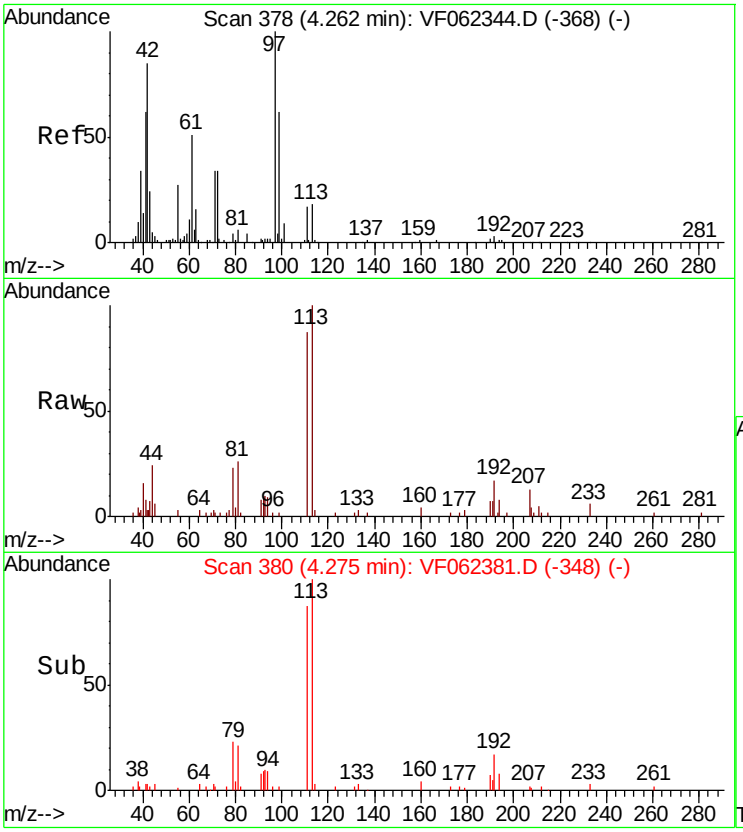


#25
2-Butanone
Concen: 3.667 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



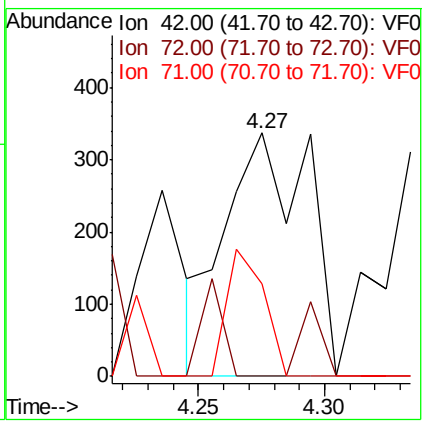


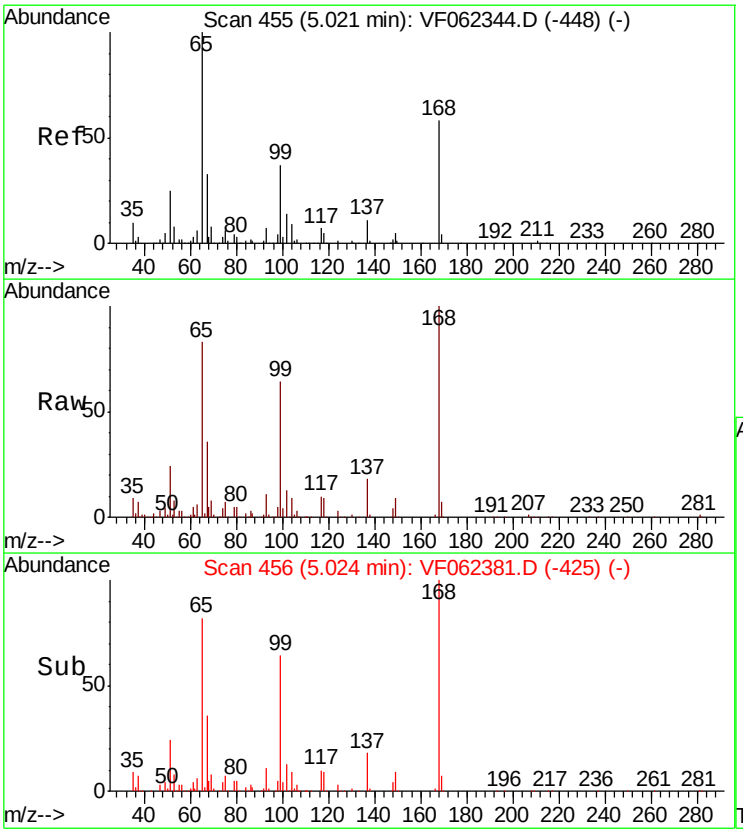
#29
Tetrahydrofuran
Concen: 2.581 ug/l
RT: 4.27 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 42 Resp: 761

Ion	Ratio	Lower	Upper
42	100		
72	10.5	31.4	47.0#
71	23.7	31.7	47.5#

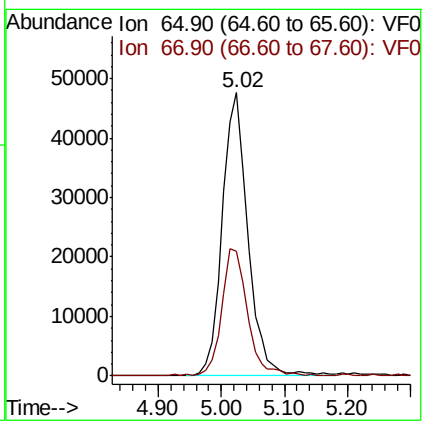


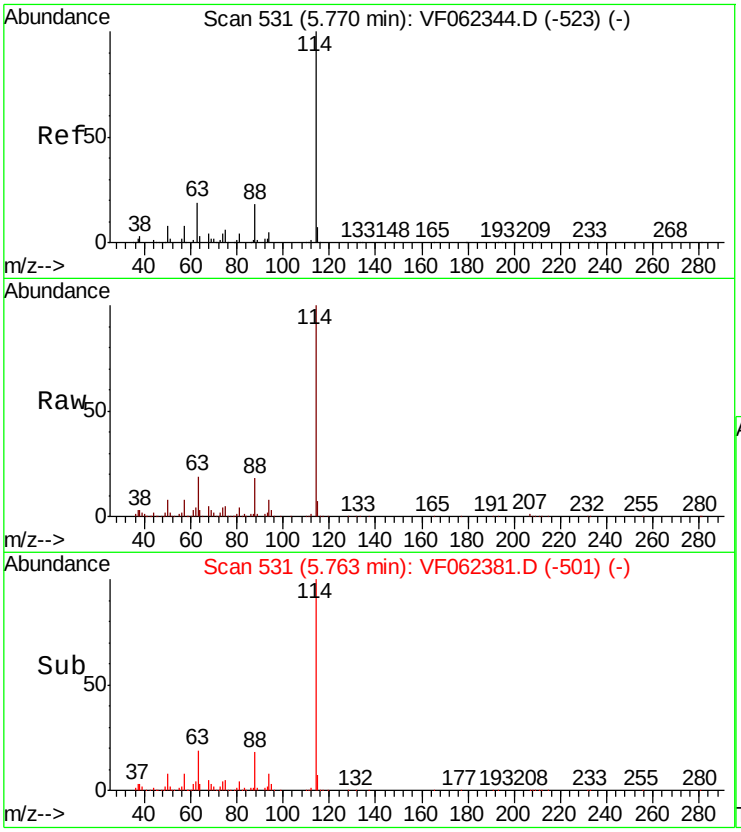


#33
1,2-Dichloroethane-d4
Concen: 53.227 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 65 Resp: 134337

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	85.8



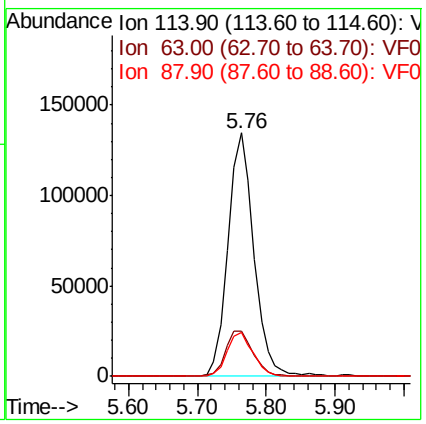


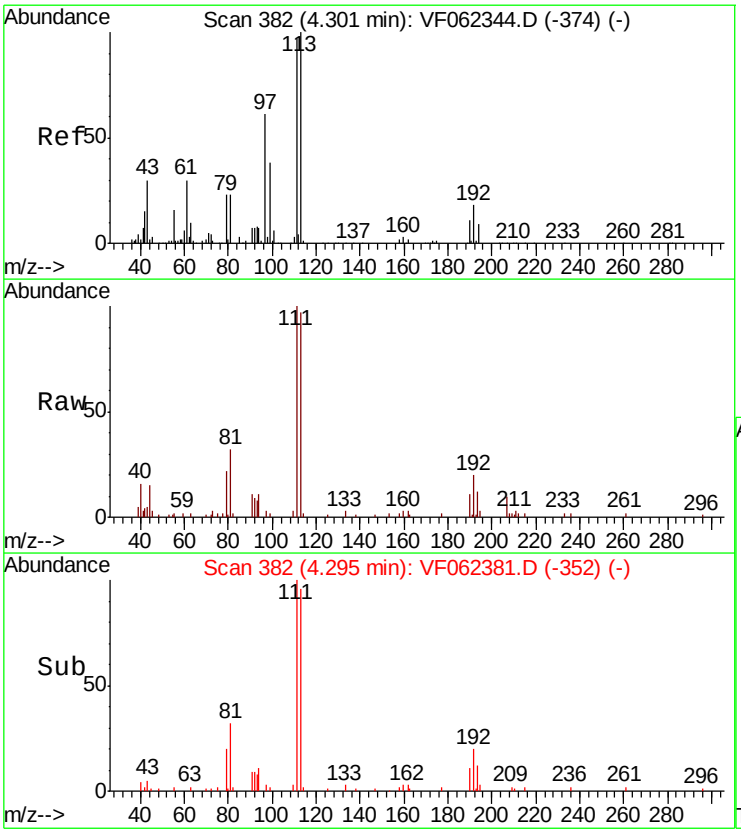
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion:114 Resp: 350672

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.4
88	17.8	0.0	36.4

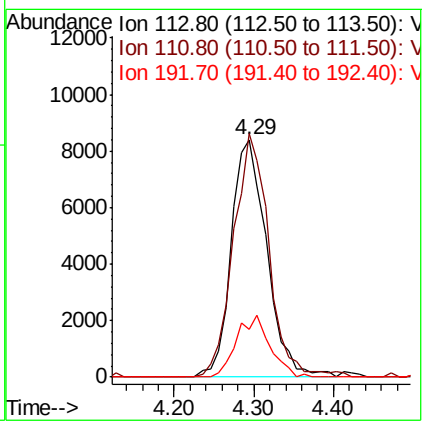


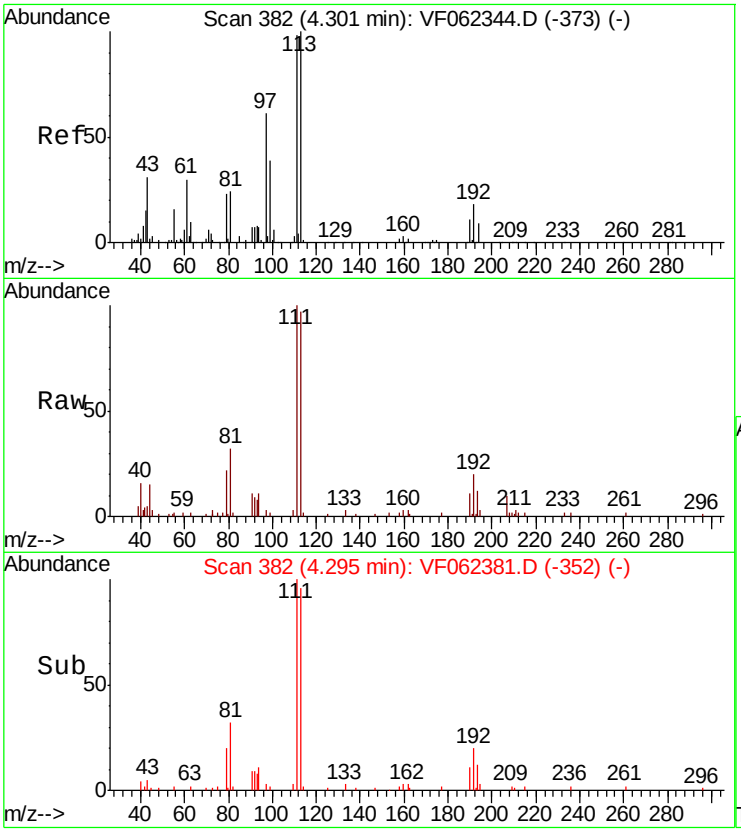


#35
Dibromofluoromethane
Concen: 9.309 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:113 Resp: 26008

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.4	119.0
192	24.3	16.0	24.0#



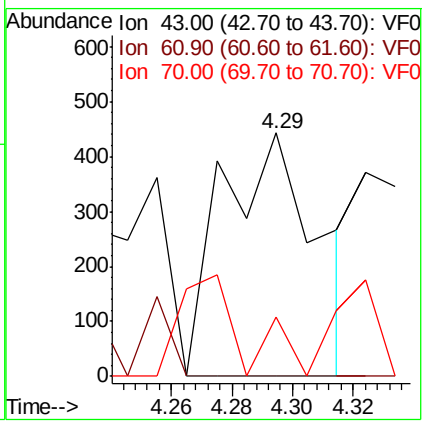


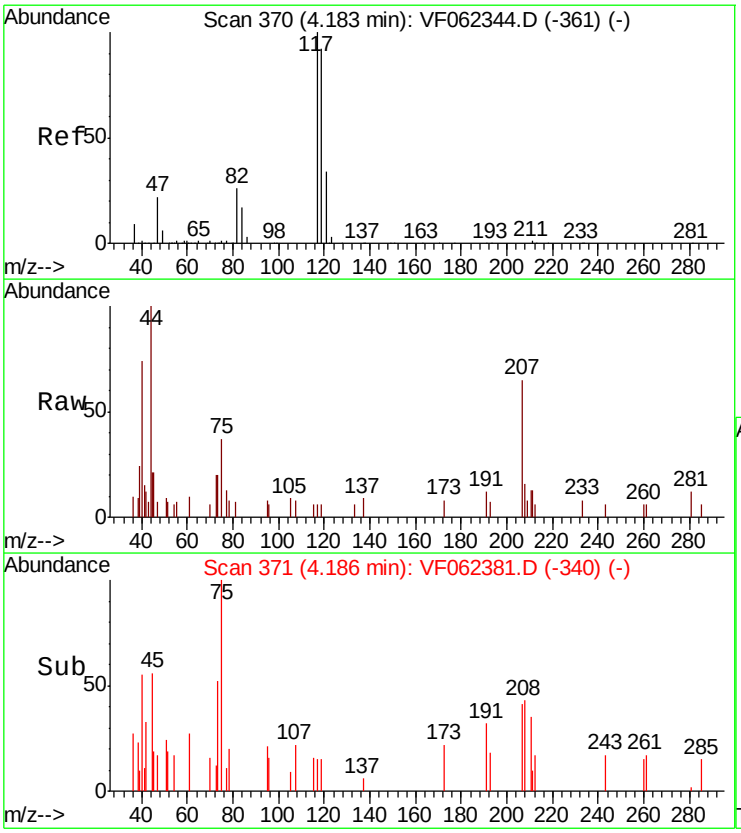
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 43 Resp: 965

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	27.7	8.2	12.2#

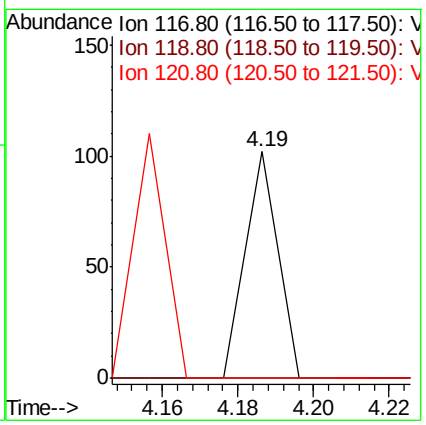


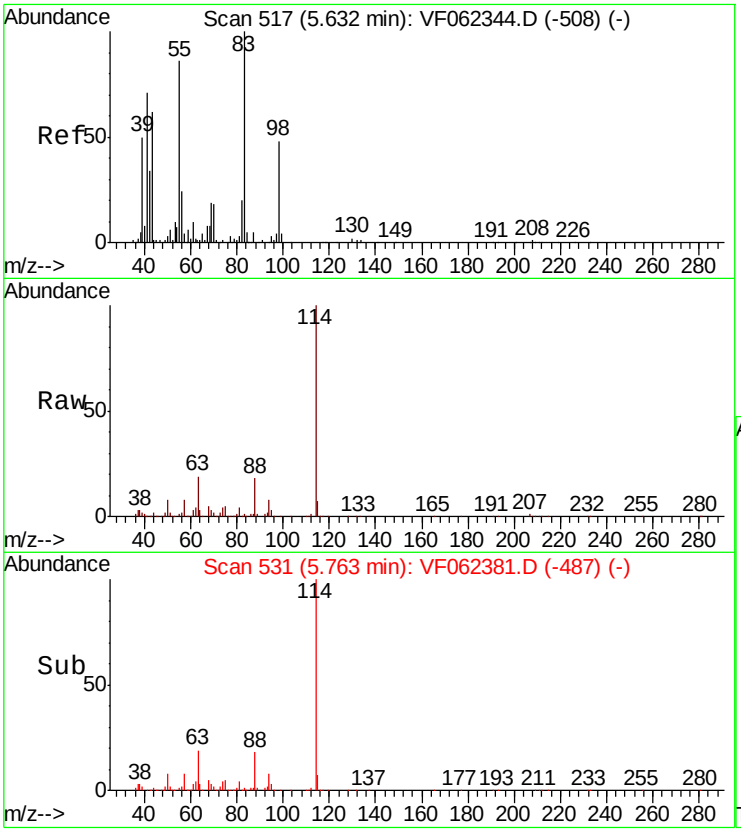


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:117 Resp: 60

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



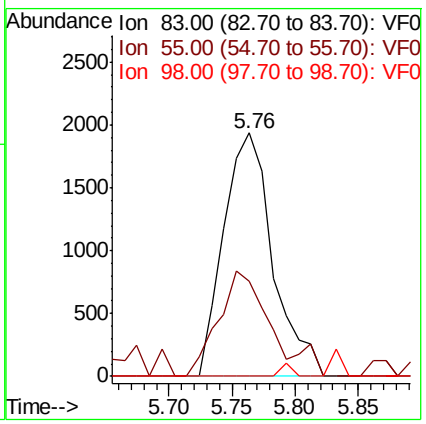


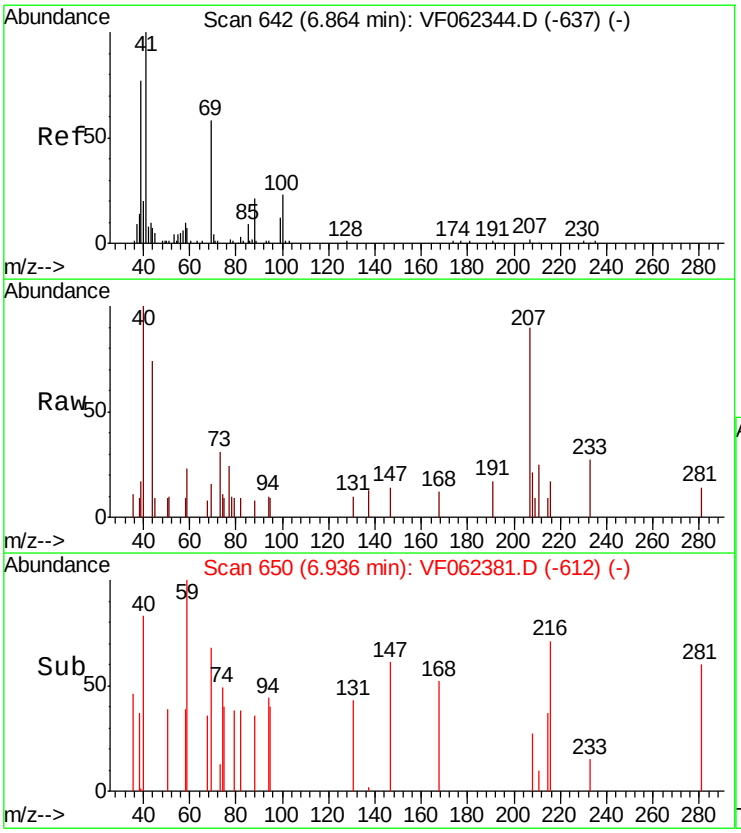
#39
Methylcyclohexane
Concen: 1.732 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.13 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 83 Resp: 5232

Ion	Ratio	Lower	Upper
83	100		
55	39.1	69.0	103.6#
98	0.0	38.6	58.0#

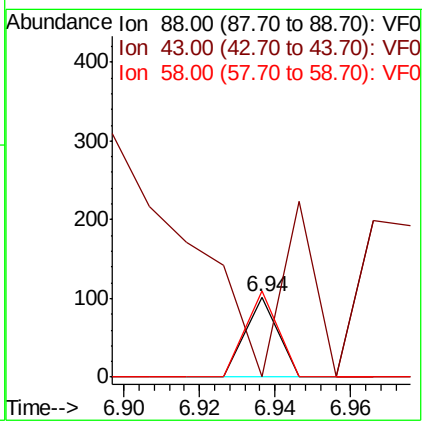


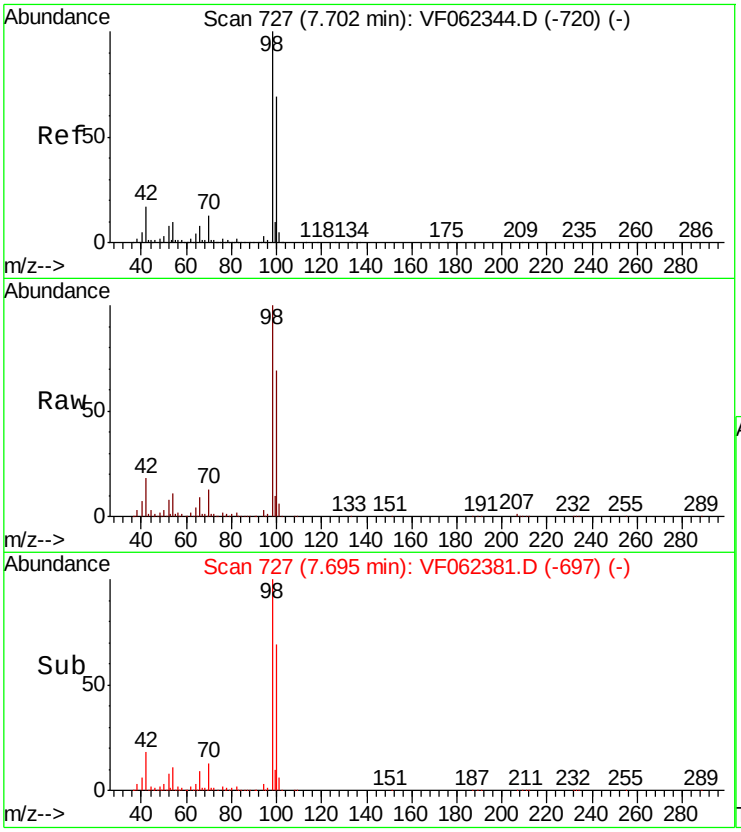


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.94 min Scan# 650
Delta R.T. 0.07 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	220.0	55.6	83.4#
58	106.7	52.8	79.2#



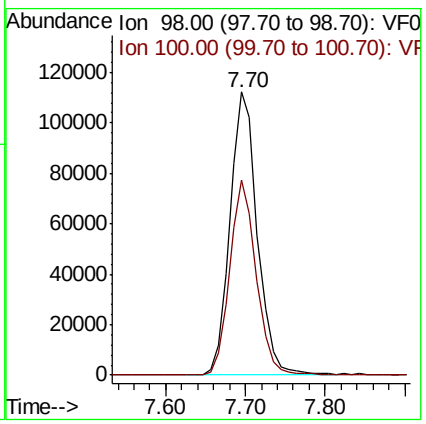


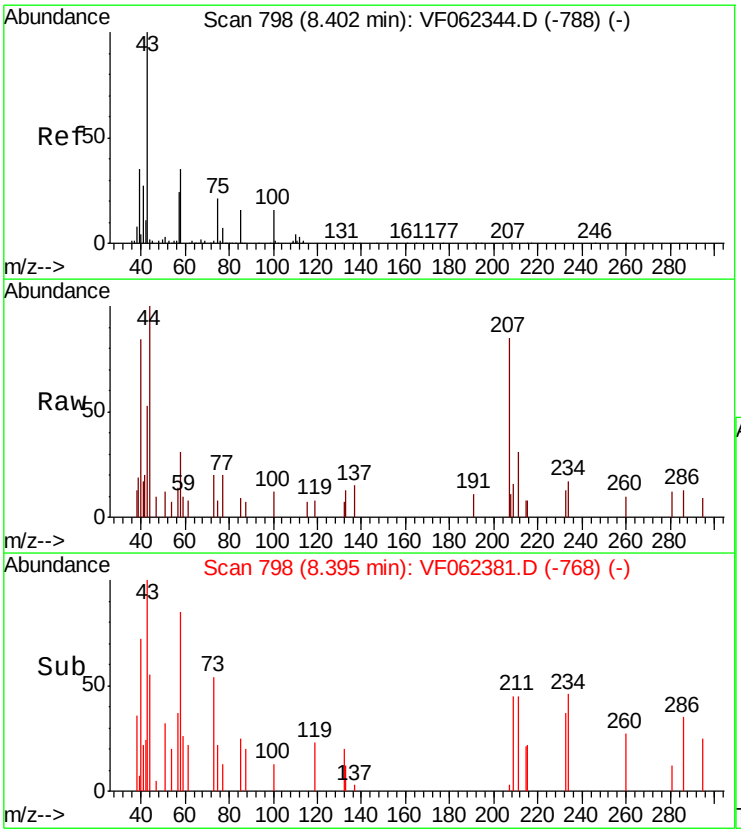
#50
Toluene-d8
Concen: 39.724 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 98 Resp: 268644

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.3	79.9

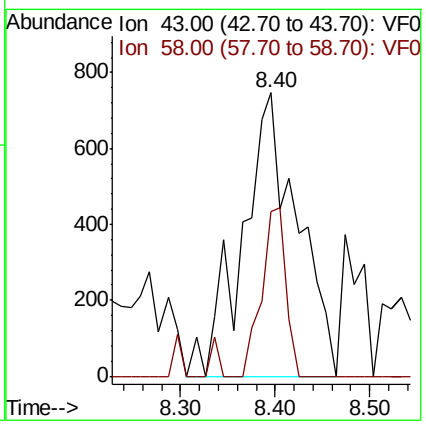


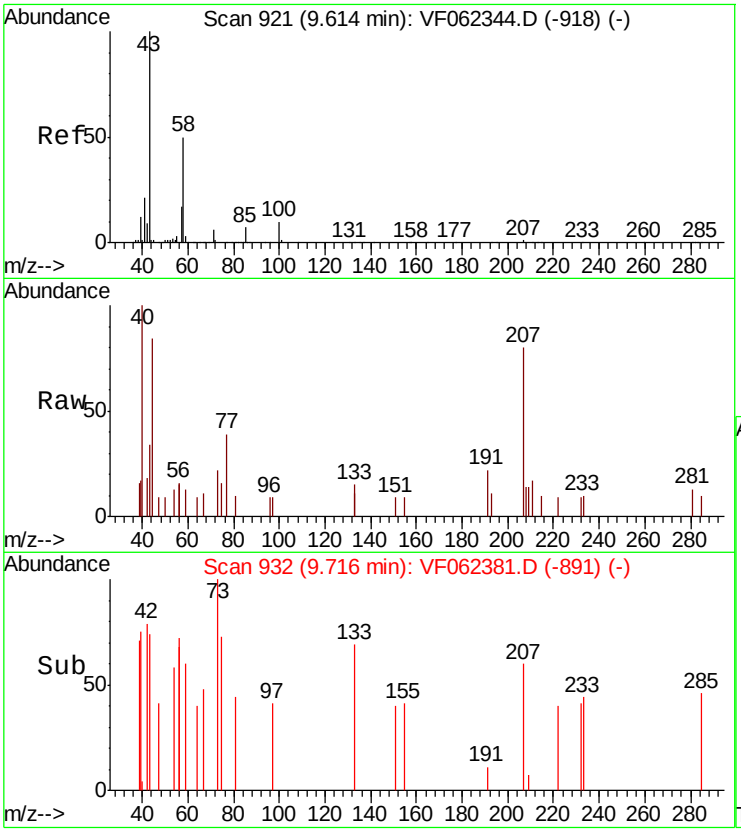


#51
4-Methyl-2-Pentanone
Concen: 2.921 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 43 Resp: 3033

Ion	Ratio	Lower	Upper
43	100		
58	26.4	27.8	41.6#



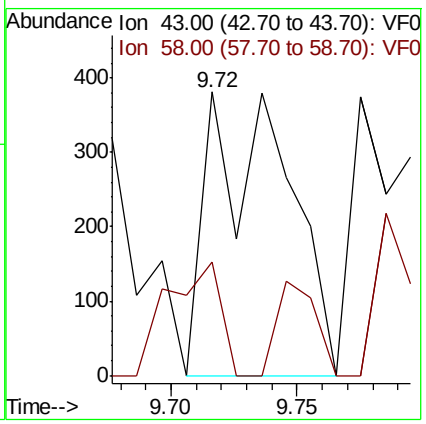


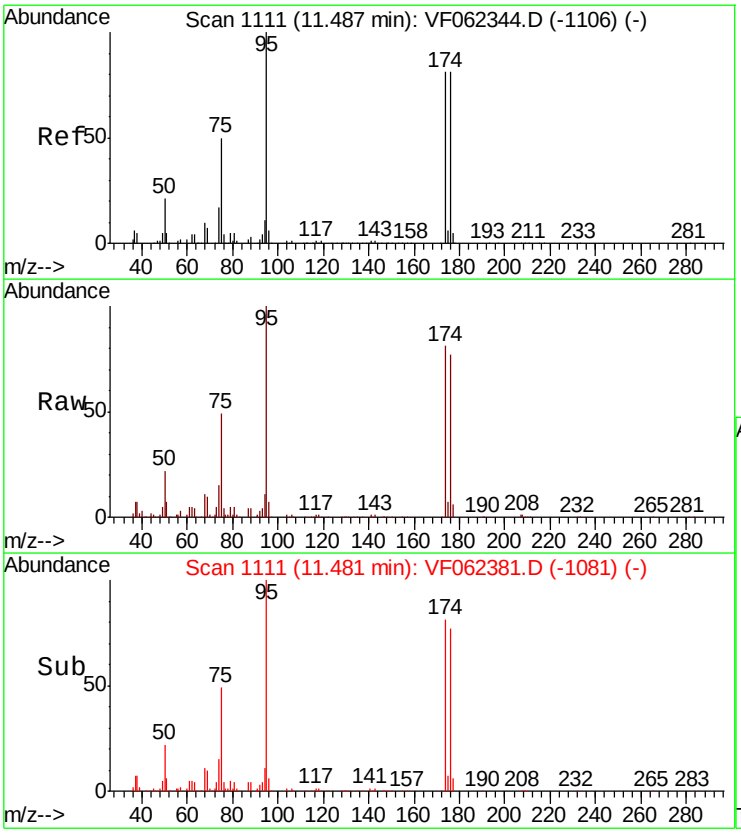
#59
2-Hexanone
Concen: 1.163 ug/l
RT: 9.72 min Scan# 932
Delta R.T. 0.10 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion: 43 Resp: 835

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.3	73.0

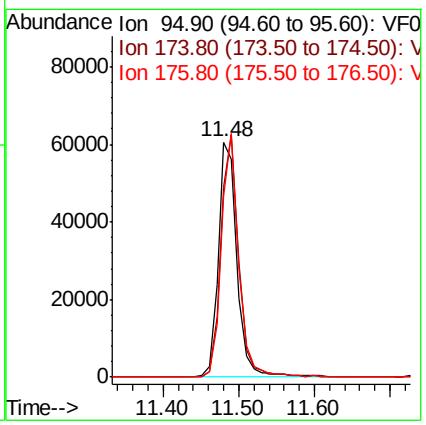


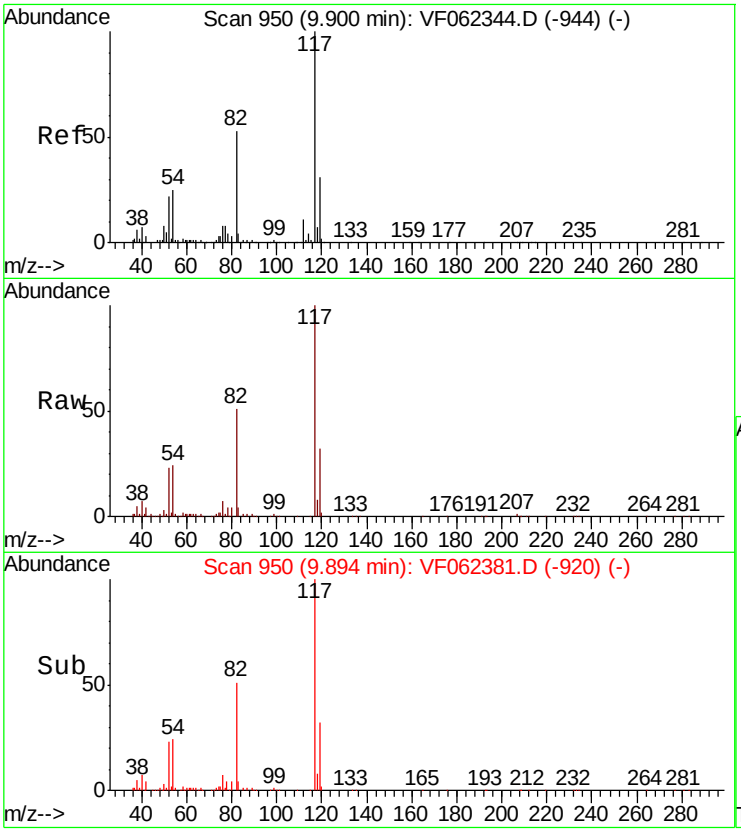


#62
4-Bromofluorobenzene
Concen: 34.519 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 95 Resp: 105321

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	191.8
176	95.3	0.0	193.2



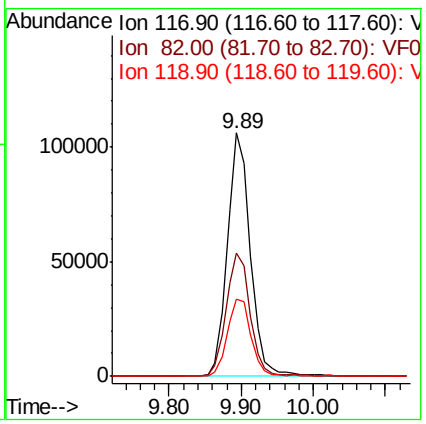


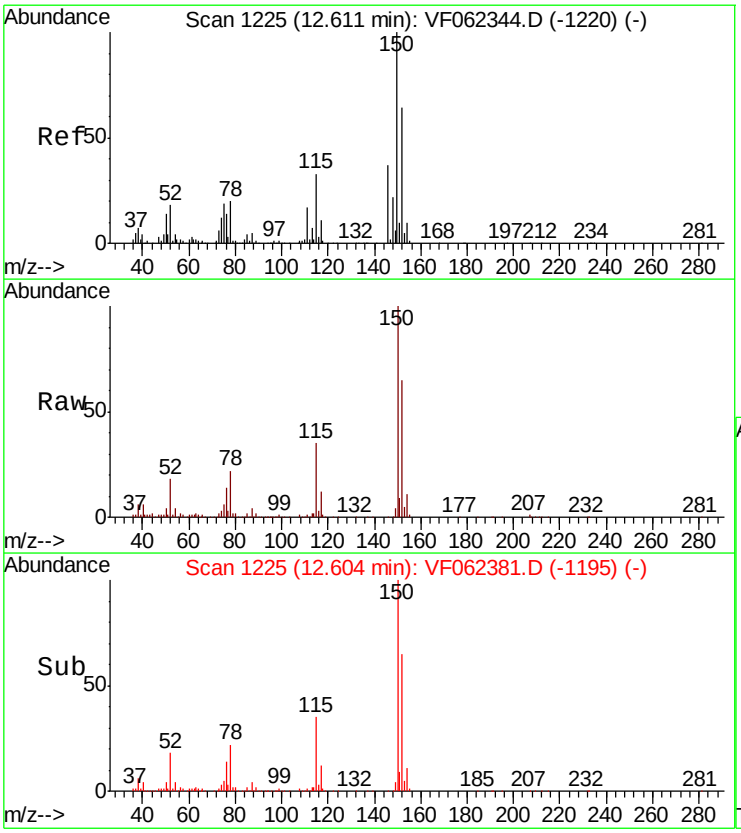
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion:117 Resp: 236319

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.2	63.2
119	31.6	25.0	37.4

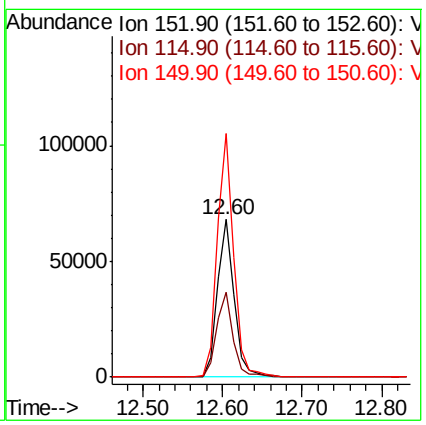


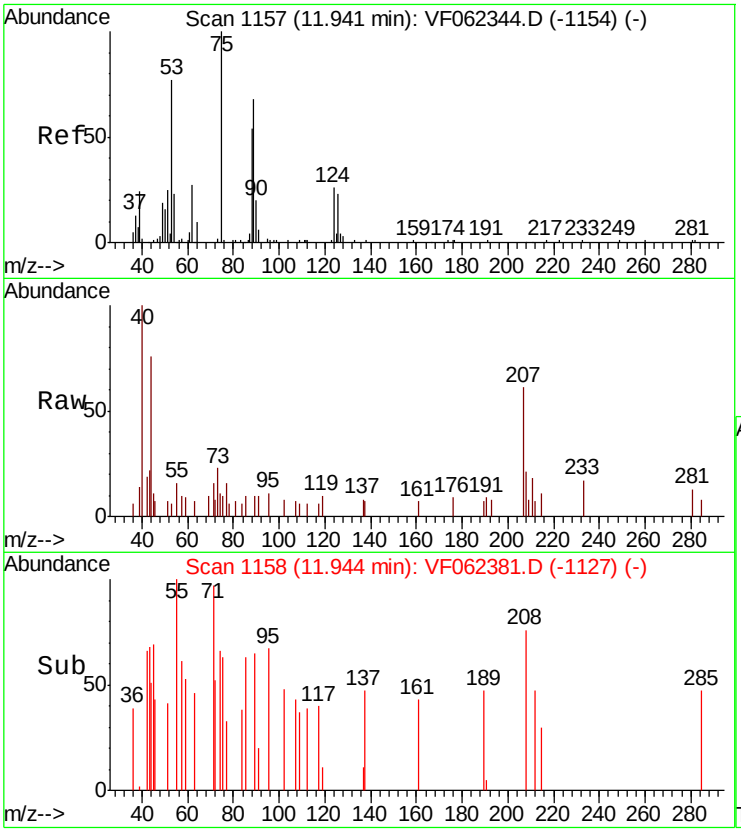


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:152 Resp: 101495

Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.4	79.2
150	151.4	0.0	335.0



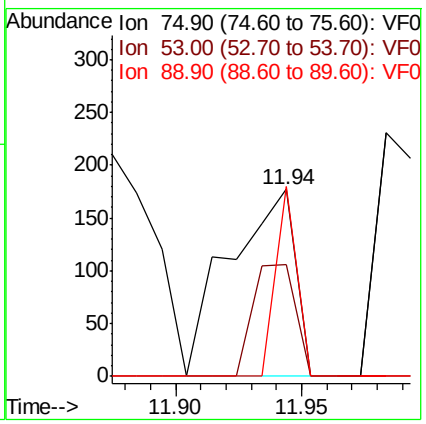


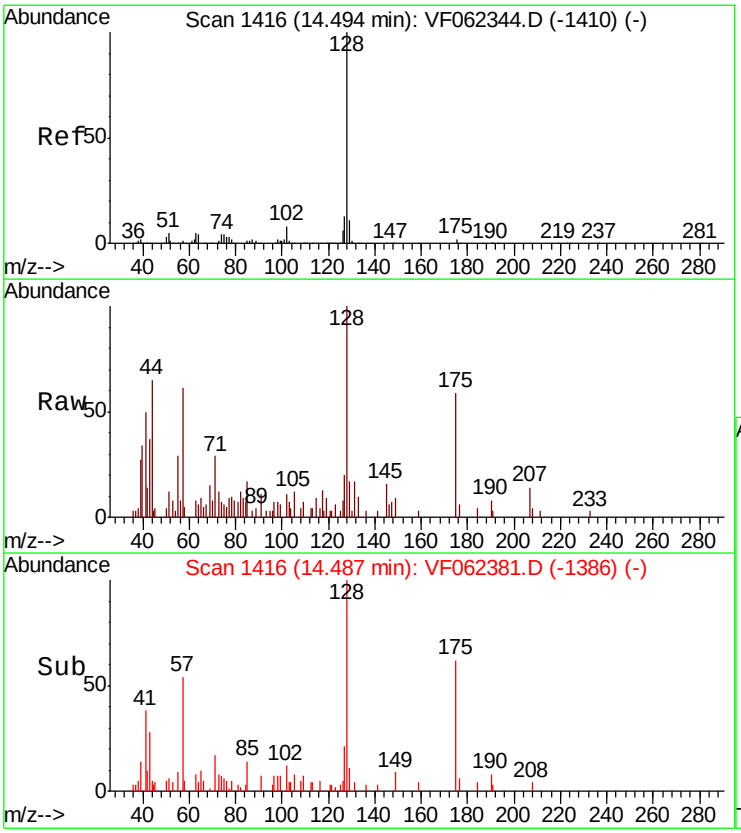
#81
trans-1,4-Dichloro-2-butene
Concen: 1.196 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 75 Resp: 323

Ion	Ratio	Lower	Upper
75	100		
53	38.7	71.9	107.9#
89	32.8	0.0	0.0#





#95
Naphthalene
Concen: 1.731 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:128 Resp: 6517

Ion	Ratio	Lower	Upper
128	100		
127	20.7	10.5	15.7#
129	17.9	8.6	12.8#