Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062540.D
Acq On : 13 May 2019 14:24
Operator : FY/SY
Sample : VF0513SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0513SBL01

Quant Time: May 13 14:45:37 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	339987	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	432708	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	390704	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	256011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	148588	46.25	ug/l	0.03
Spiked Amount 50.000			Recovery = 92.50%			
35) Dibromofluoromethane	4.33	113	178087	51.66	ug/l	0.03
Spiked Amount 50.000			Recovery = 103.32%			
50) Toluene-d8	7.73	98	382250	45.81	ug/l	0.03
Spiked Amount 50.000			Recovery = 91.62%			
62) 4-Bromofluorobenzene	11.51	95	193533	51.41	ug/l	0.02
Spiked Amount 50.000			Recovery = 102.82%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	594	Below Cal	#	67
8) Diethyl Ether	1.71	74	987	1.215	ug/l	84
11) Tert butyl alcohol	2.71	59	835	4.598	ug/l #	1
13) Acrolein	2.10	56	936	Below Cal	#	50
15) Acrylonitrile	3.10	53	687	1.997	ug/l #	10
16) Acetone	2.35	43	4305	6.623	ug/l	94
18) Methyl Acetate	2.49	43	1382	Below Cal	#	62
29) Tetrahydrofuran	4.25	42	432	1.151	ug/l #	63
37) Ethyl Acetate	4.33	43	1397	Below Cal	#	100
38) Carbon Tetrachloride	4.19	117	63	Below Cal	#	1
49) 1,4-Dioxane	6.92	88	80	Below Cal	#	1
59) 2-Hexanone	9.64	43	3221	3.635	ug/l	68

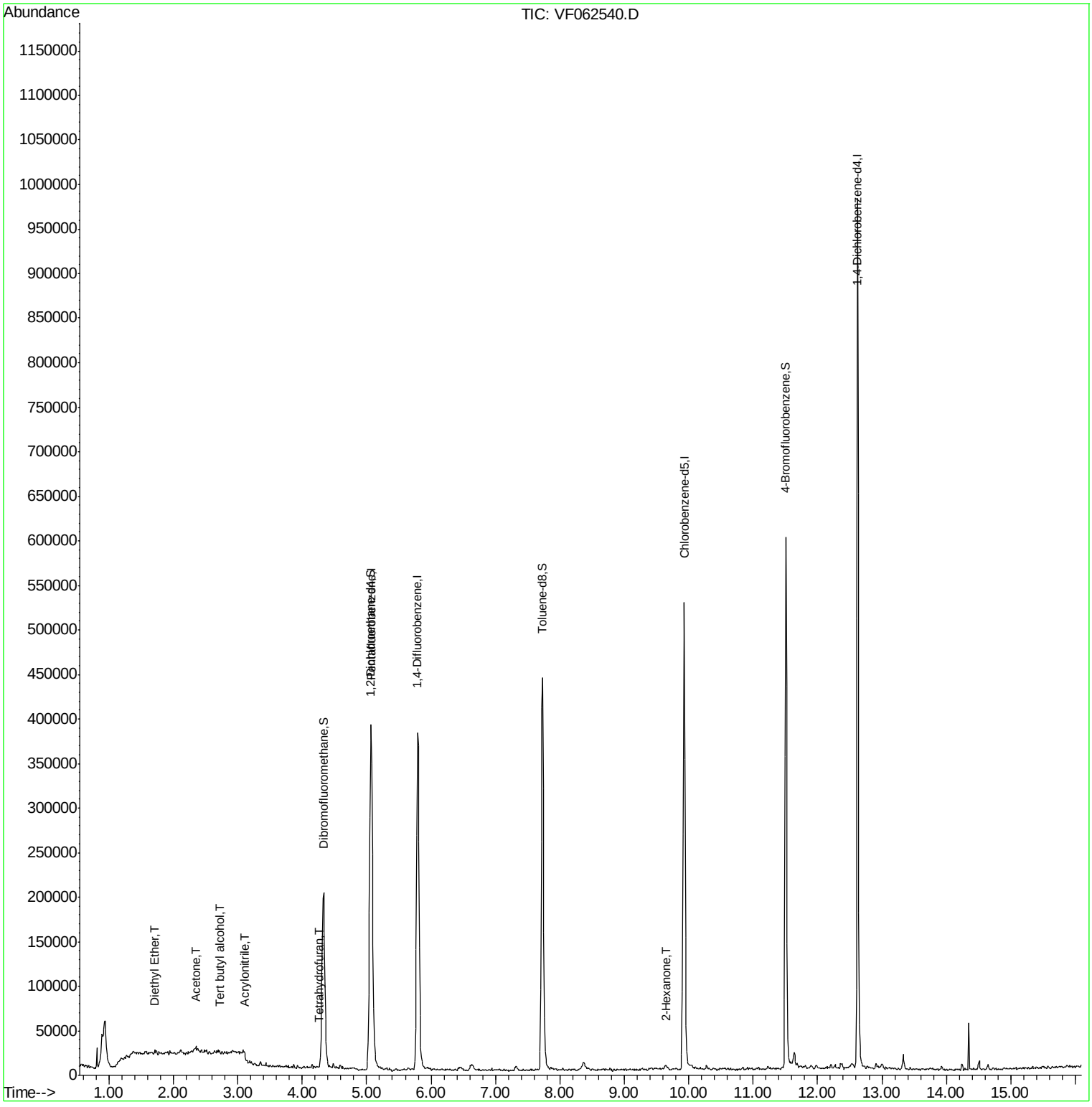
(#) = qualifier out of range (m) = manual integration (+) = signals summed

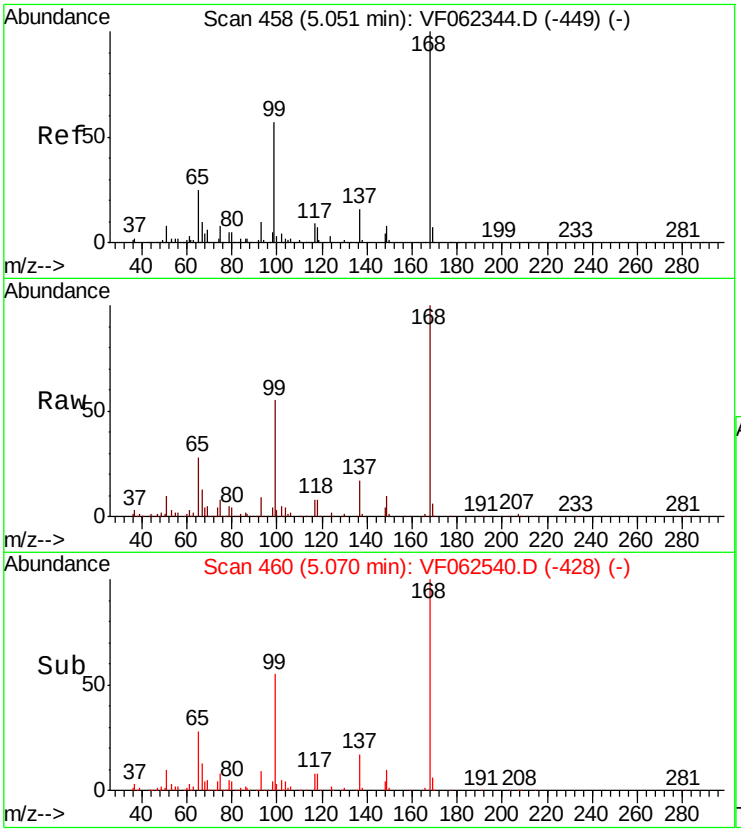
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062540.D
Acq On : 13 May 2019 14:24
Operator : FY/SY
Sample : VF0513SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Quant Time: May 13 14:45:37 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



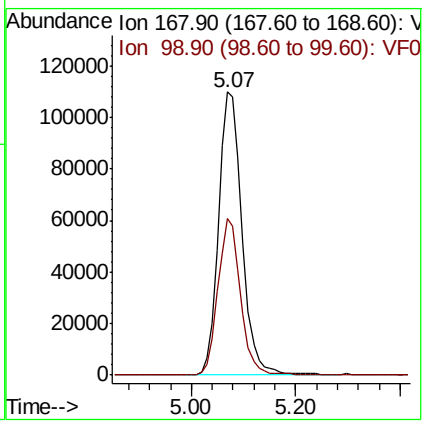


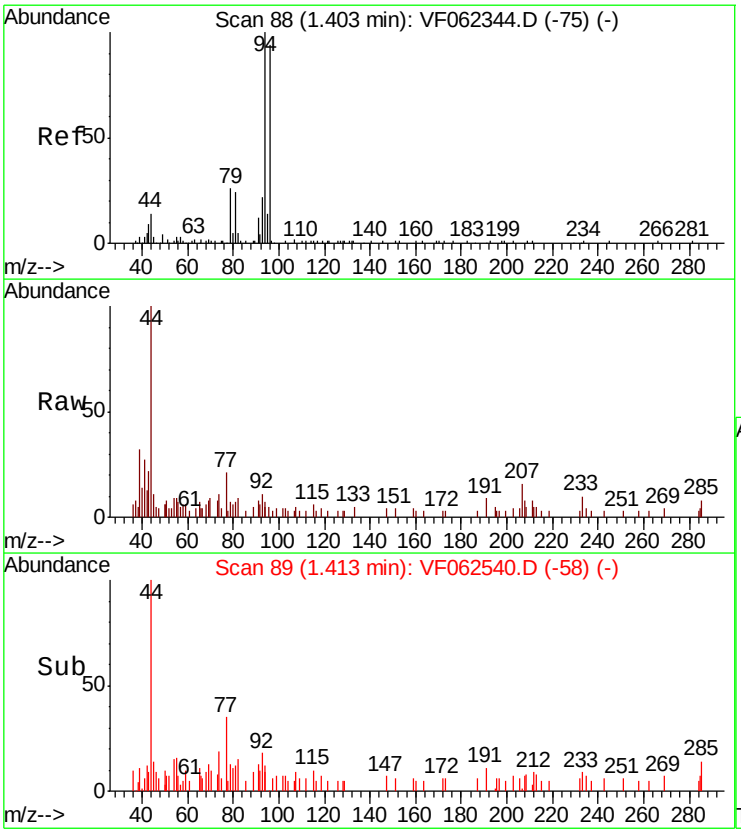
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion:168 Resp: 339987

Ion	Ratio	Lower	Upper
168	100		
99	55.2	45.9	68.9

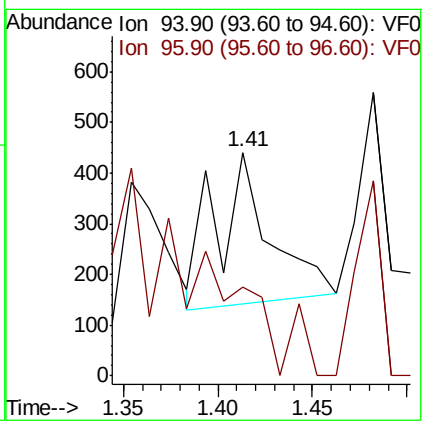


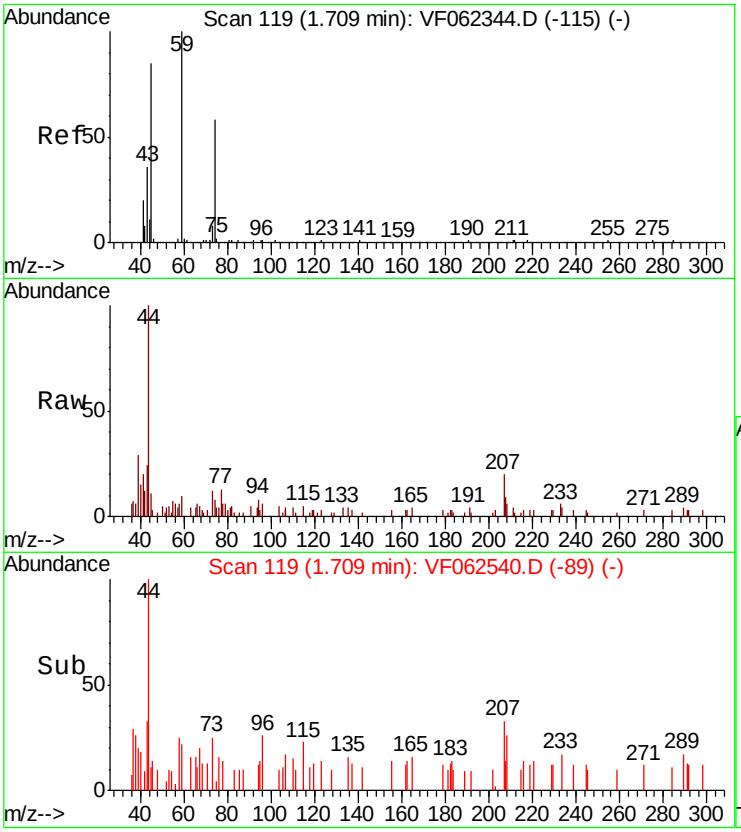


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 94 Resp: 594

Ion	Ratio	Lower	Upper
94	100		
96	62.6	75.4	113.2#



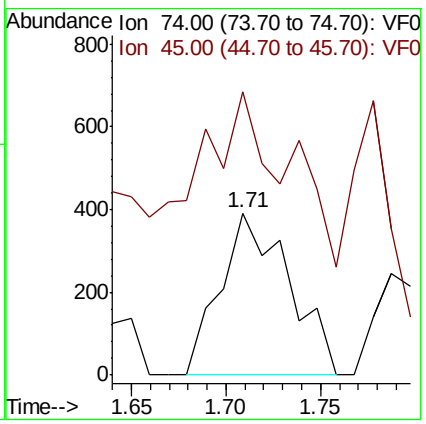


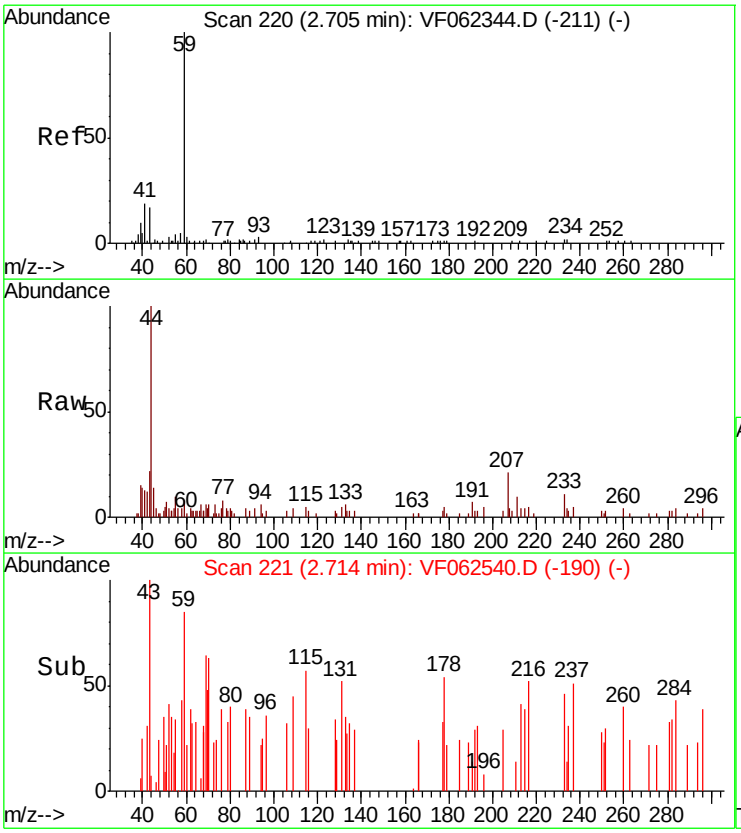
#8
Diethyl Ether
Concen: 1.215 ug/l
RT: 1.71 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 74 Resp: 987

Ion	Ratio	Lower	Upper
74	100		
45	168.3	73.9	221.6

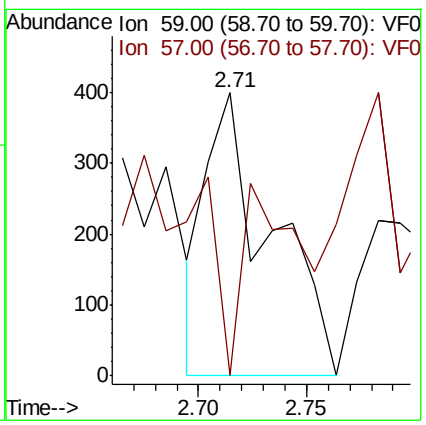


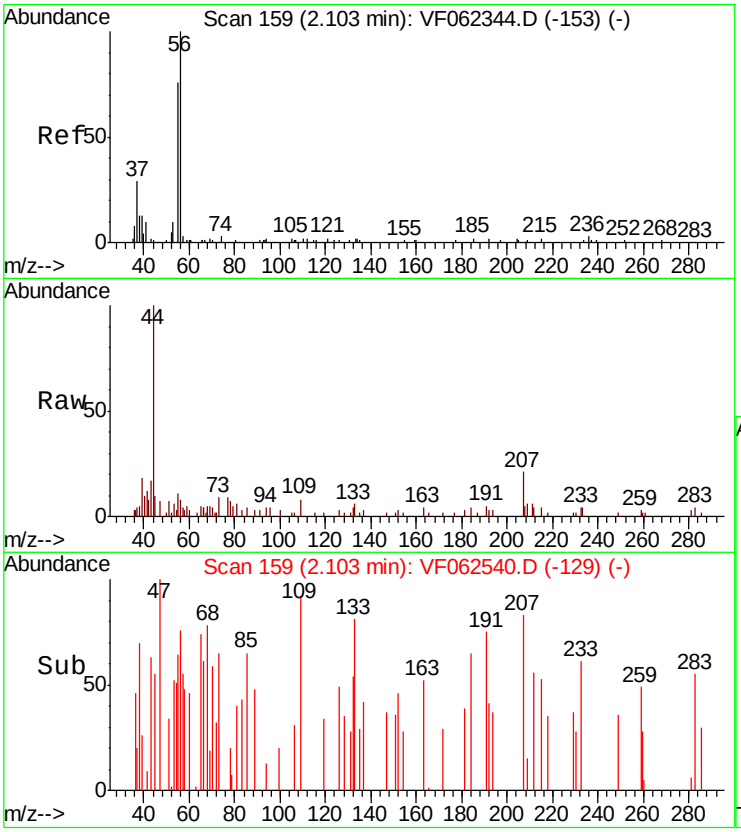


#11
Tert butyl alcohol
Concen: 4.598 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 59 Resp: 835

Ion	Ratio	Lower	Upper
59	100		
57	59.0	9.3	13.9#



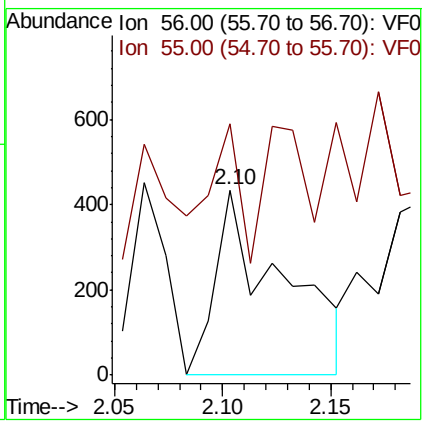


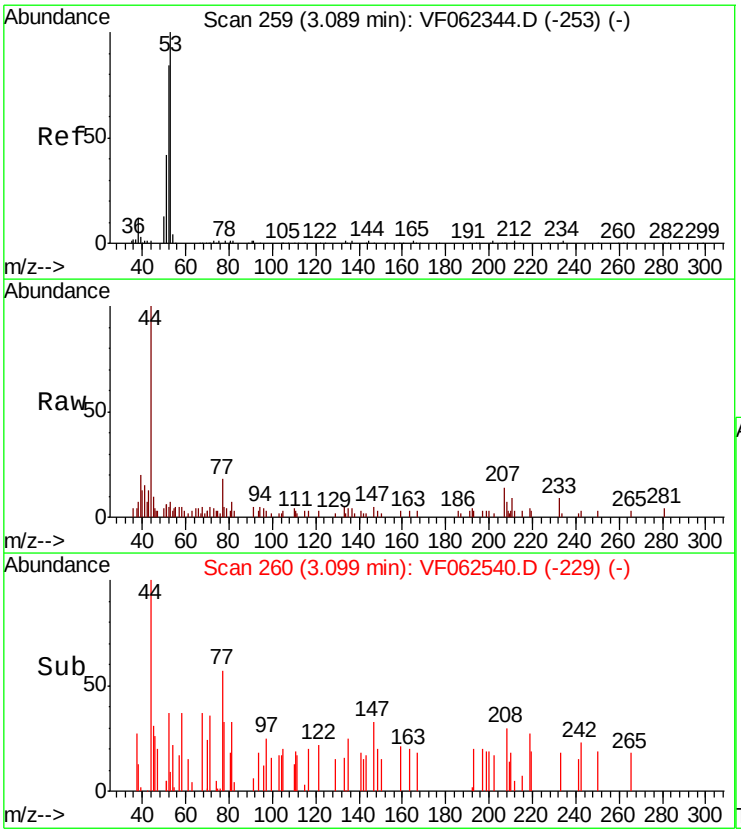
#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 159
Delta R.T. 0.00 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 56 Resp: 936

Ion	Ratio	Lower	Upper
56	100		
55	30.7	58.4	87.6#

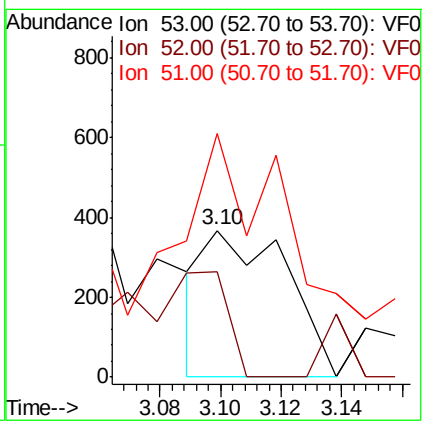


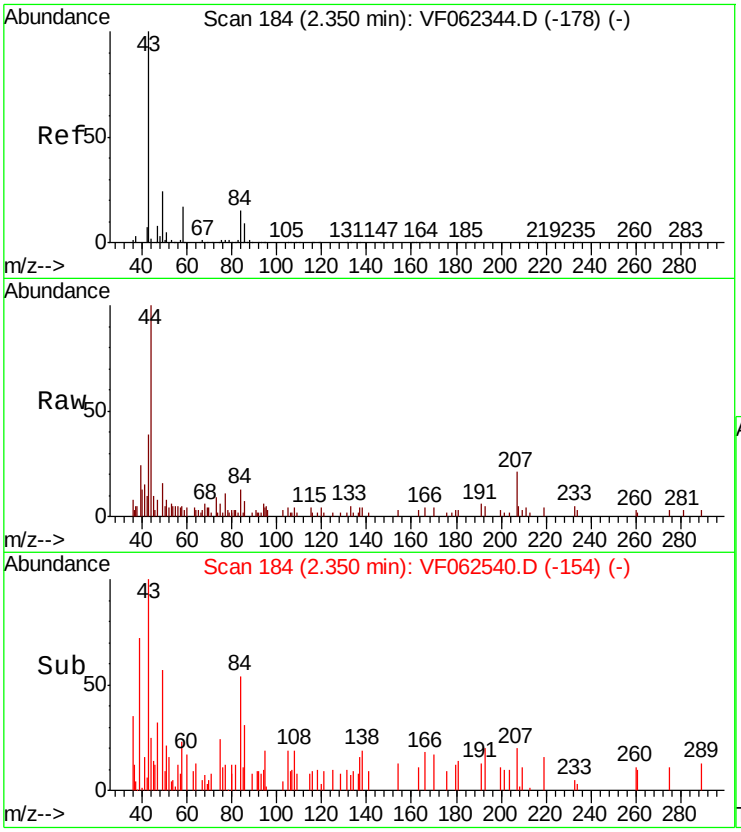


#15
Acrylonitrile
Concen: 1.997 ug/l
RT: 3.10 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 53 Resp: 687

Ion	Ratio	Lower	Upper
53	100		
52	45.3	77.2	115.8#
51	164.0	40.6	61.0#



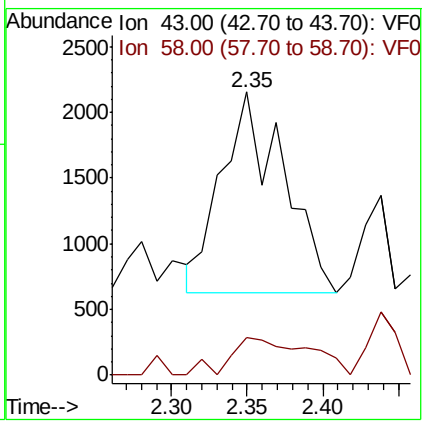


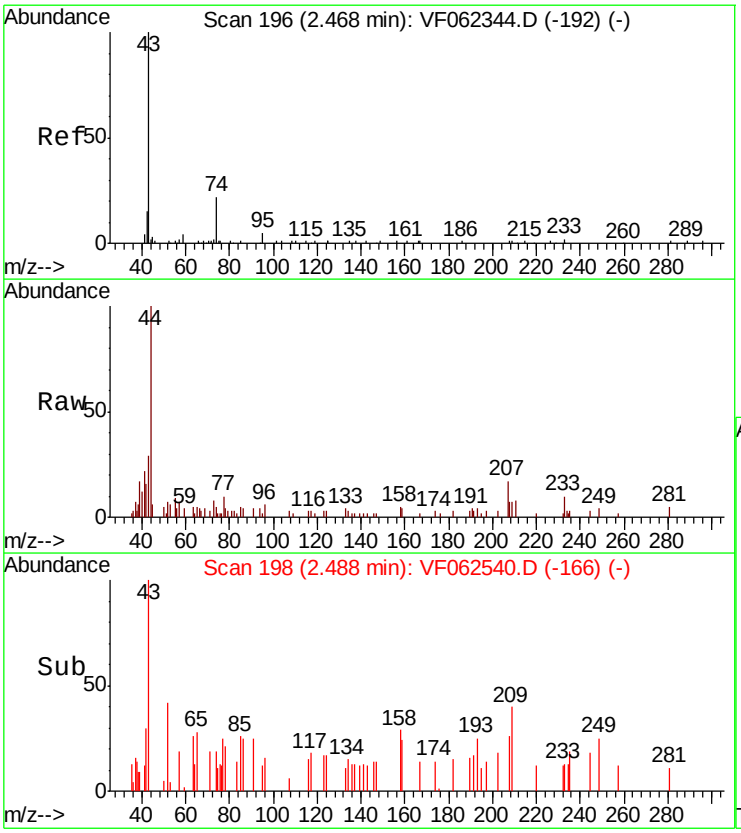
#16
Acetone
Concen: 6.623 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 43 Resp: 4305

Ion	Ratio	Lower	Upper
43	100		
58	19.0	13.1	19.7

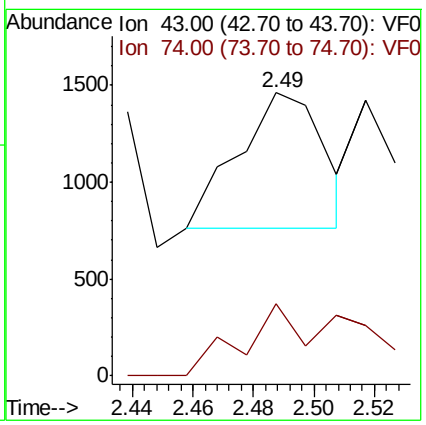


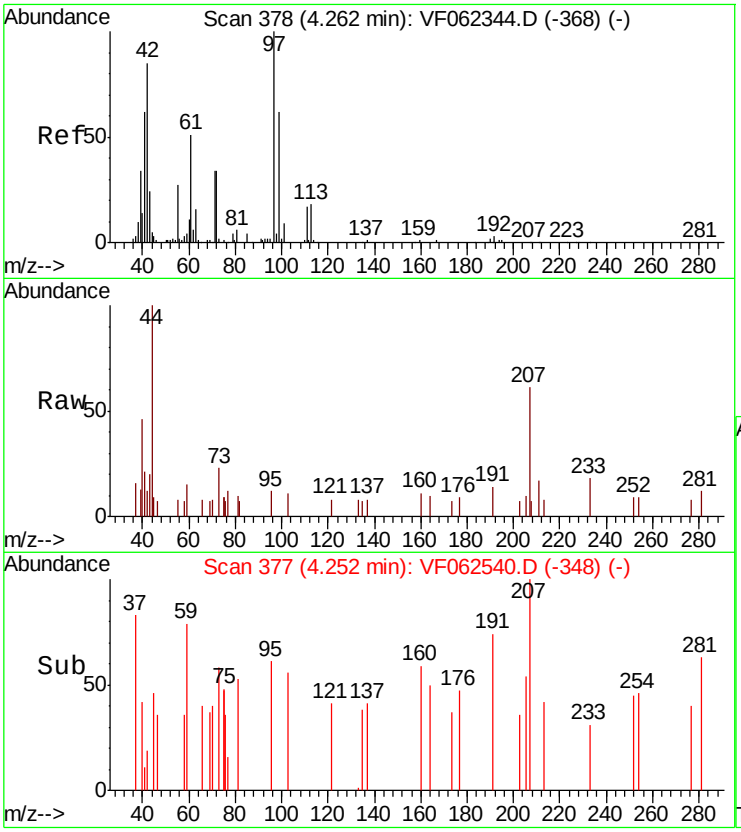


#18
Methyl Acetate
Concen: Below Cal
RT: 2.49 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 43 Resp: 1382

Ion	Ratio	Lower	Upper
43	100		
74	35.7	15.0	22.4#



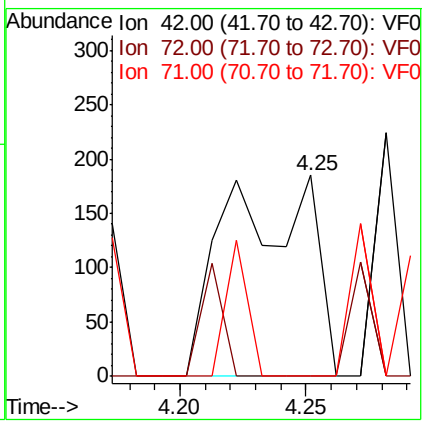


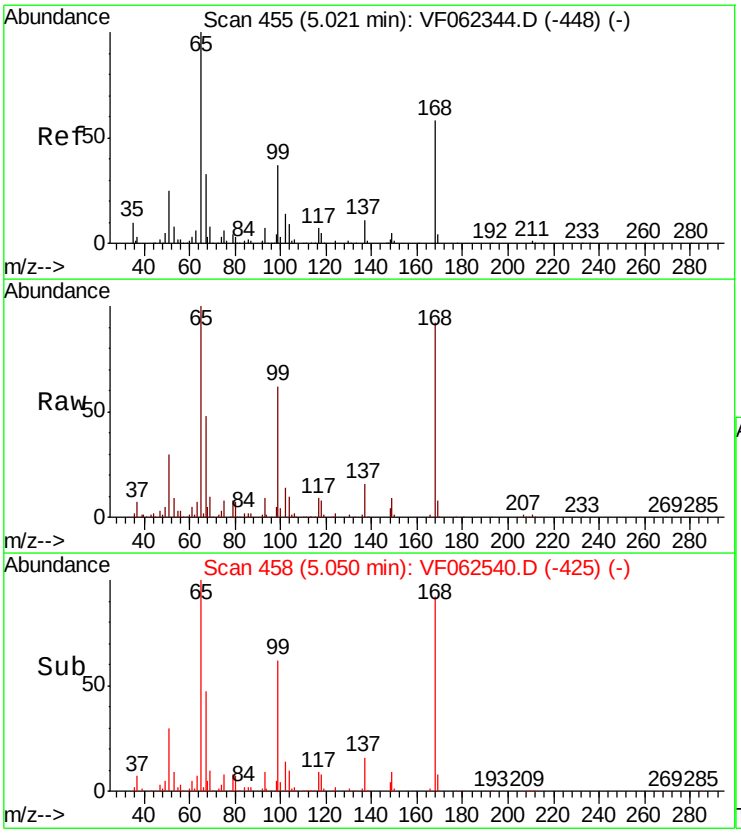
#29
Tetrahydrofuran
Concen: 1.151 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.01 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 42 Resp: 432

Ion	Ratio	Lower	Upper
42	100		
72	14.4	31.4	47.0#
71	19.2	31.7	47.5#

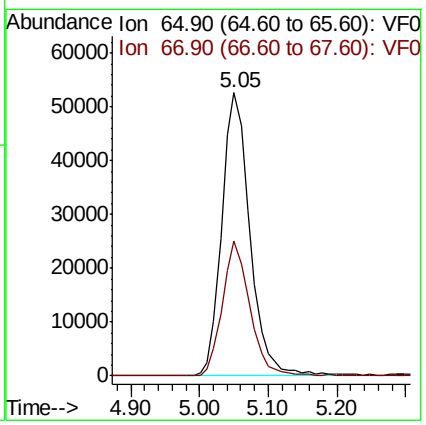


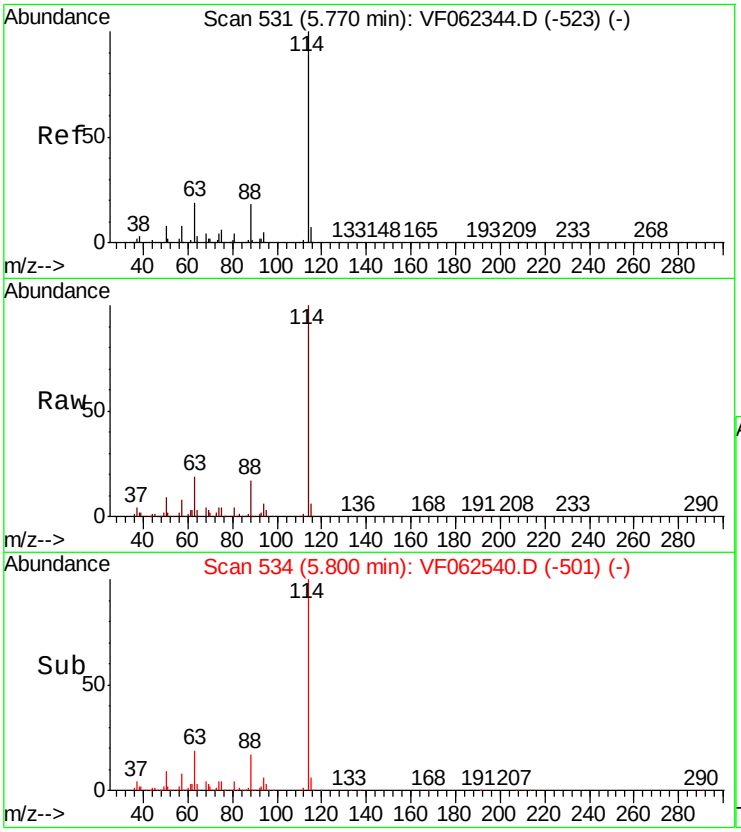


#33
1,2-Dichloroethane-d4
Concen: 46.246 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 65 Resp: 148588

Ion	Ratio	Lower	Upper
65	100		
67	46.5	0.0	85.8



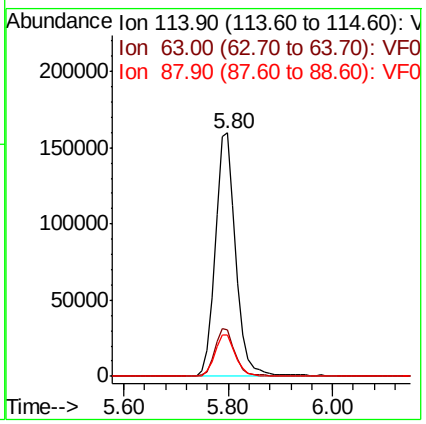


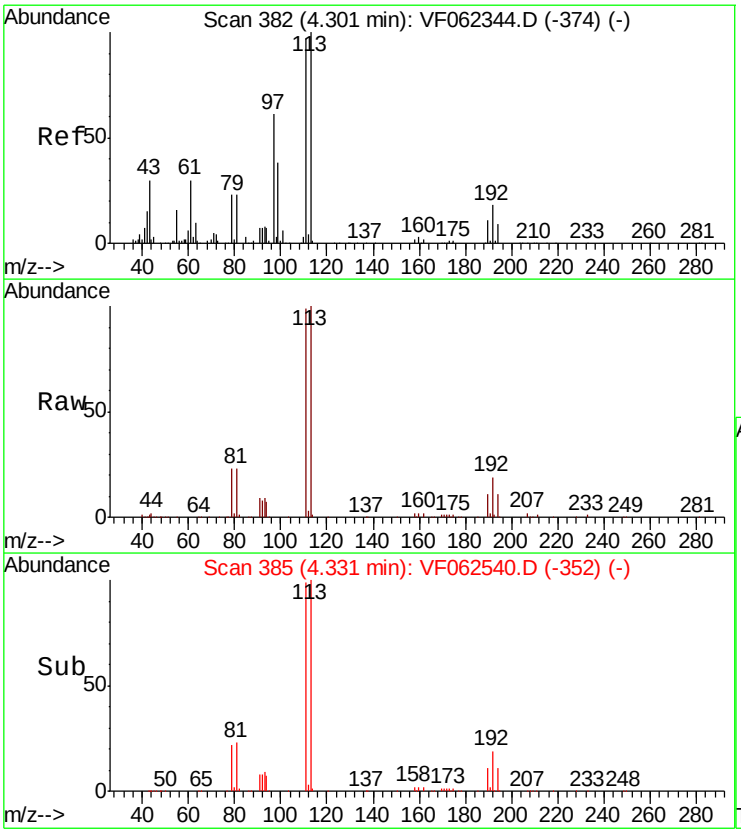
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion:114 Resp: 432708

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.4
88	16.9	0.0	36.4

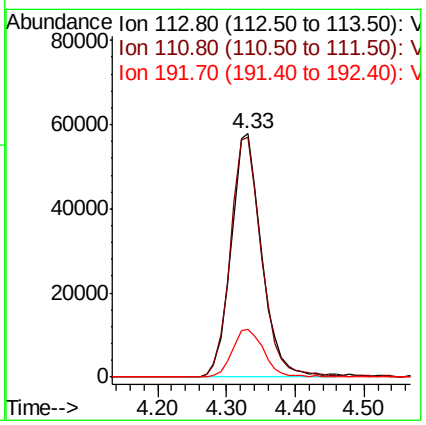


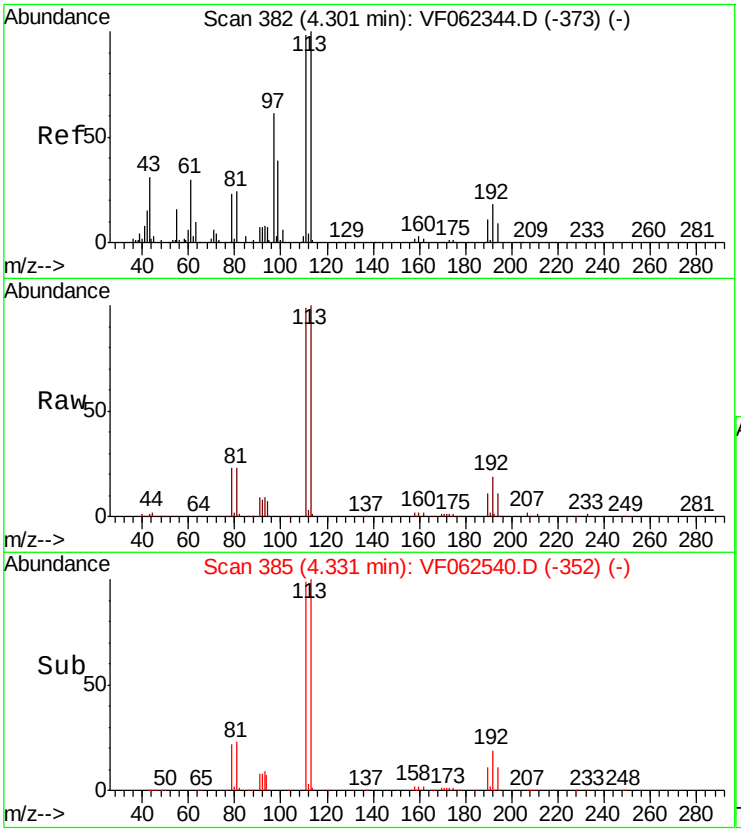


#35
Dibromofluoromethane
Concen: 51.660 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion:113 Resp: 178087

Ion	Ratio	Lower	Upper
113	100		
111	100.3	79.4	119.0
192	20.2	16.0	24.0



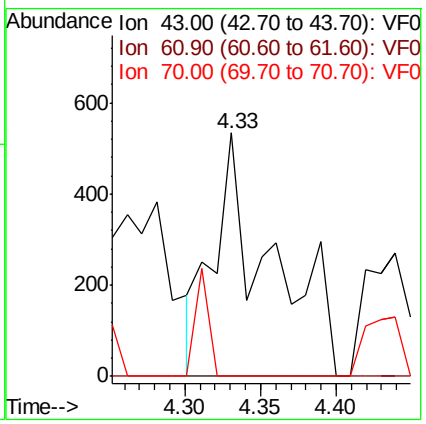


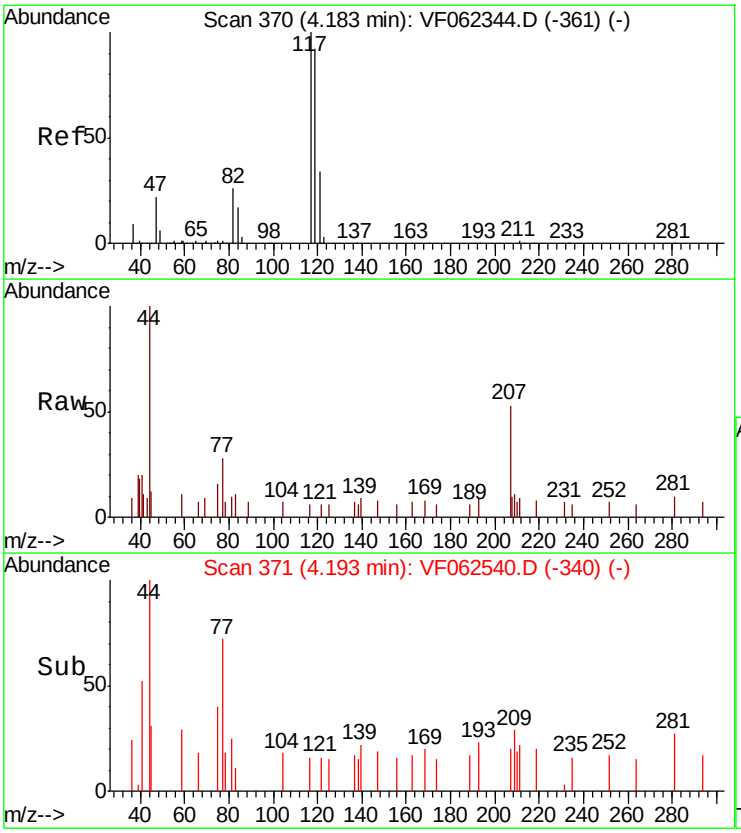
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument : MSVOA_F
ClientSampleId : VF0513SBL01

Tgt Ion: 43 Resp: 1397

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	10.0	8.2	12.2

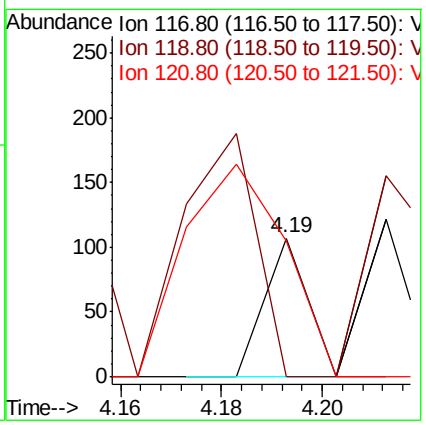


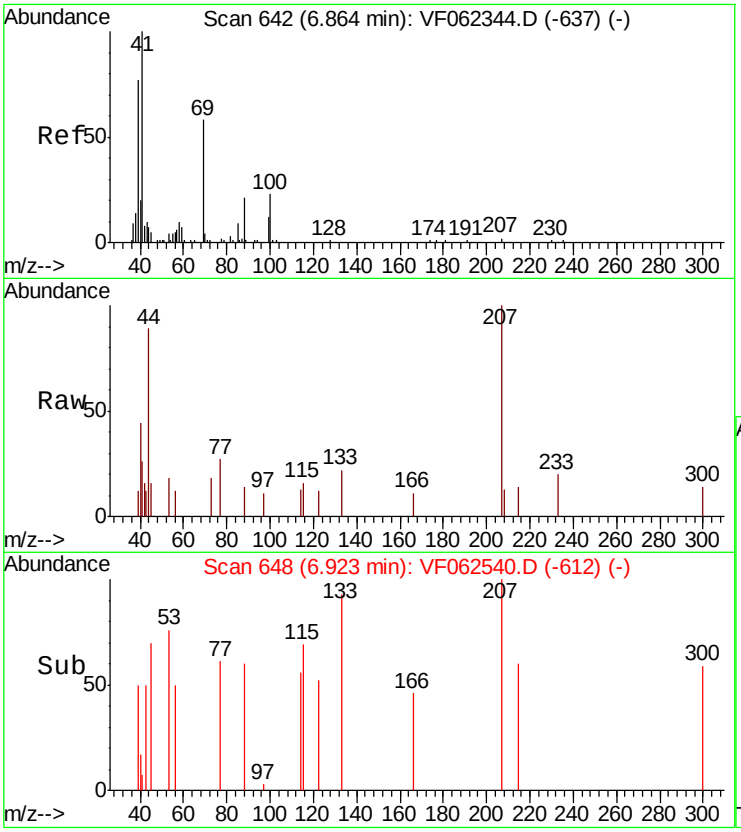


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.01 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	98.1	27.4	41.0#



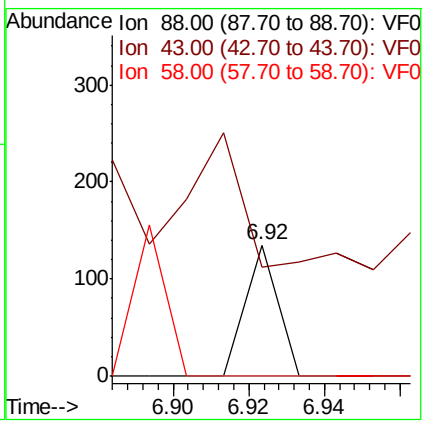


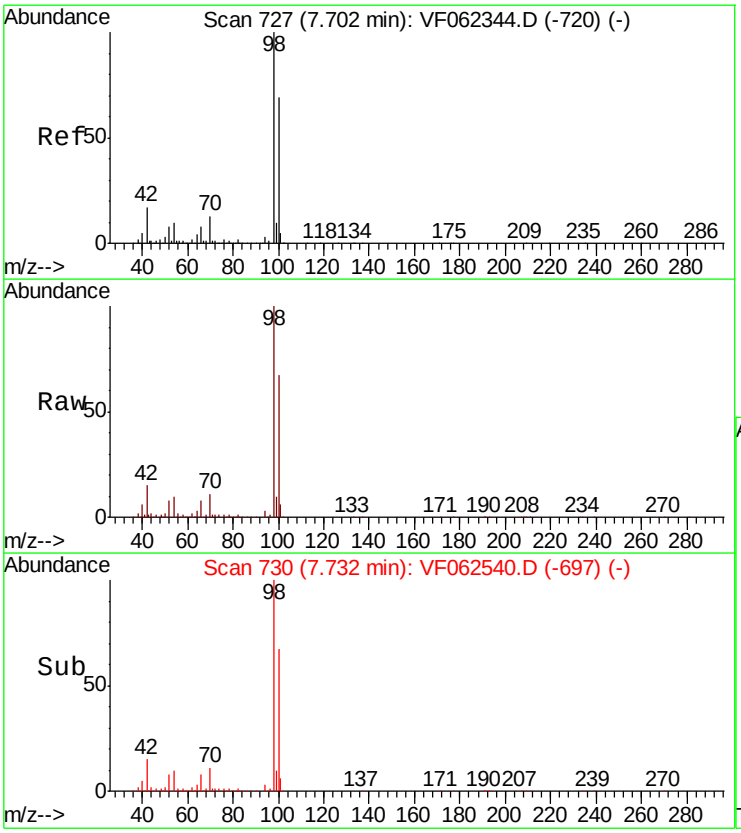
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.92 min Scan# 648
Delta R.T. 0.06 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	842.5	55.6	83.4#
58	0.0	52.8	79.2#

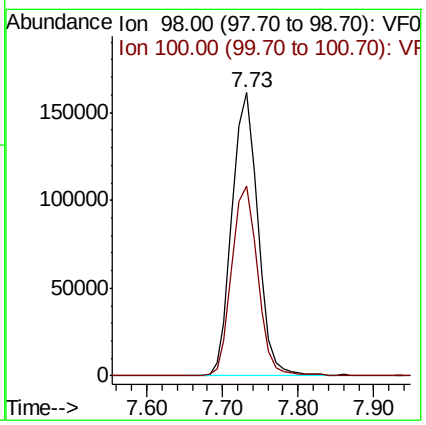


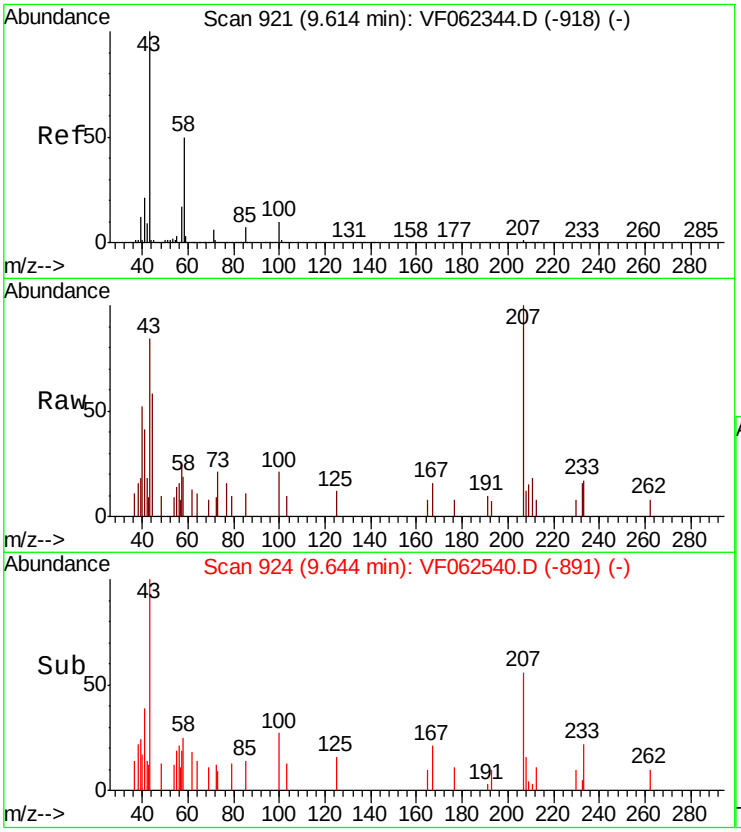


#50
Toluene-d8
Concen: 45.807 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 98 Resp: 382250

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.3	79.9



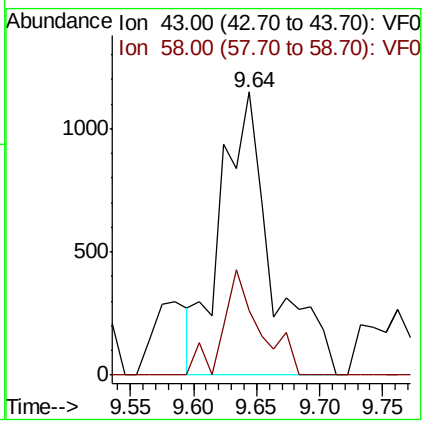


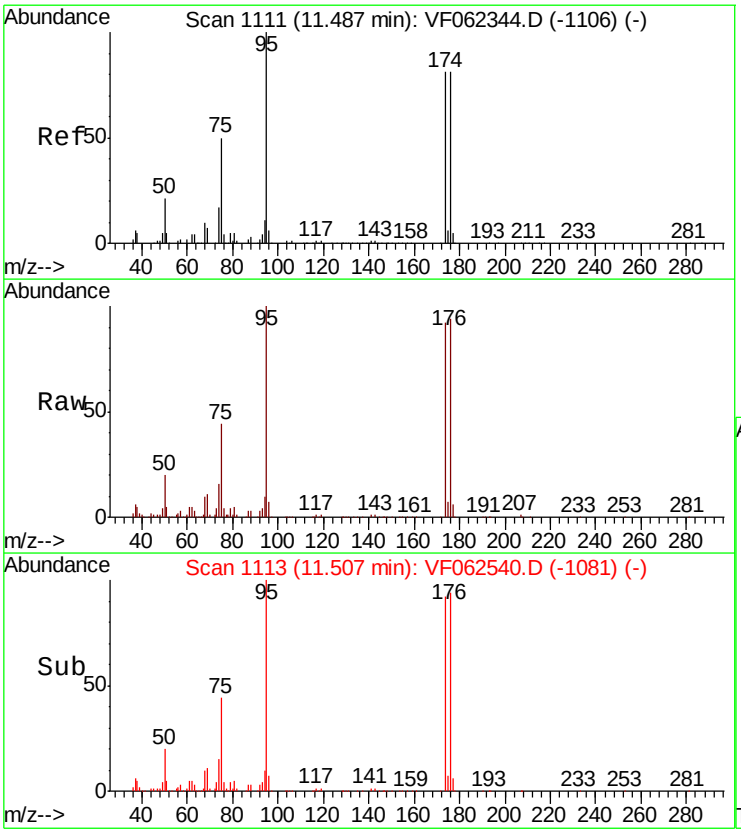
#59
2-Hexanone
Concen: 3.635 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion: 43 Resp: 3221

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.3	73.0

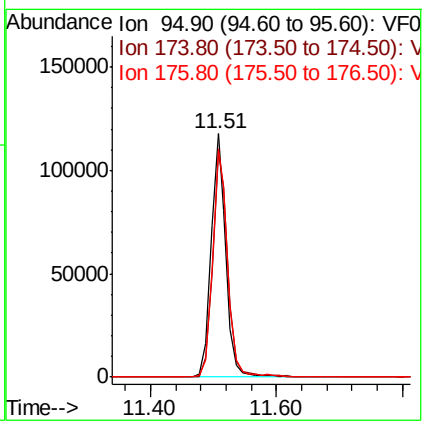


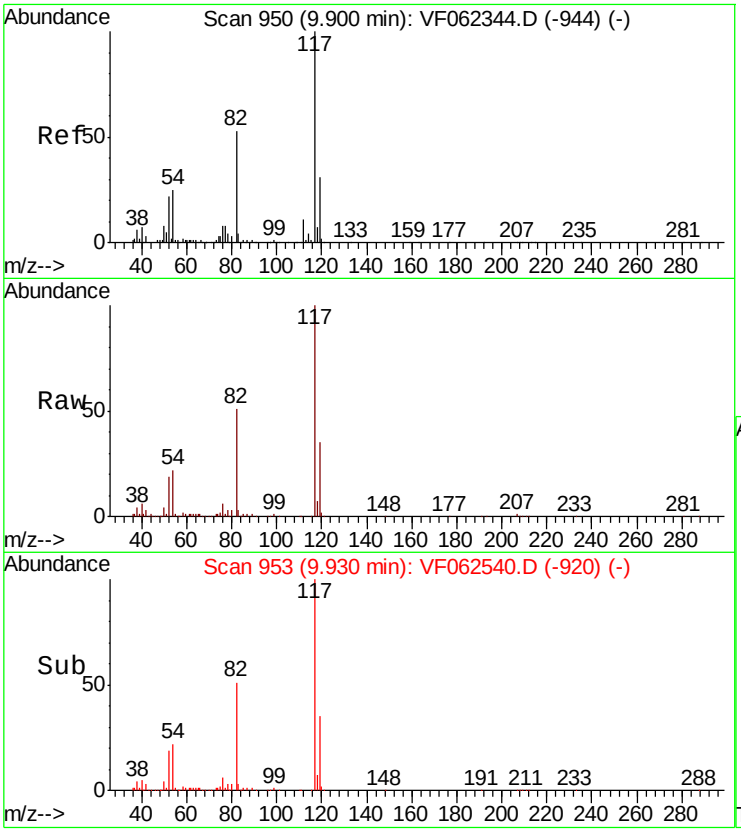


#62
4-Bromofluorobenzene
Concen: 51.405 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion: 95 Resp: 193533

Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	191.8
176	95.3	0.0	193.2



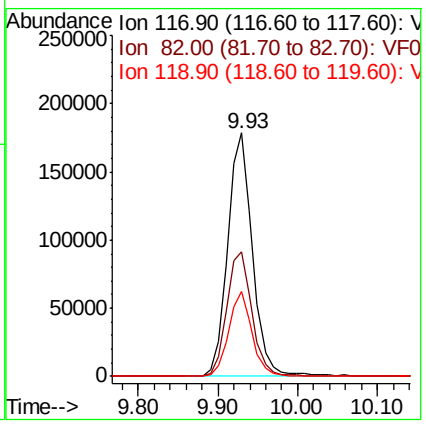


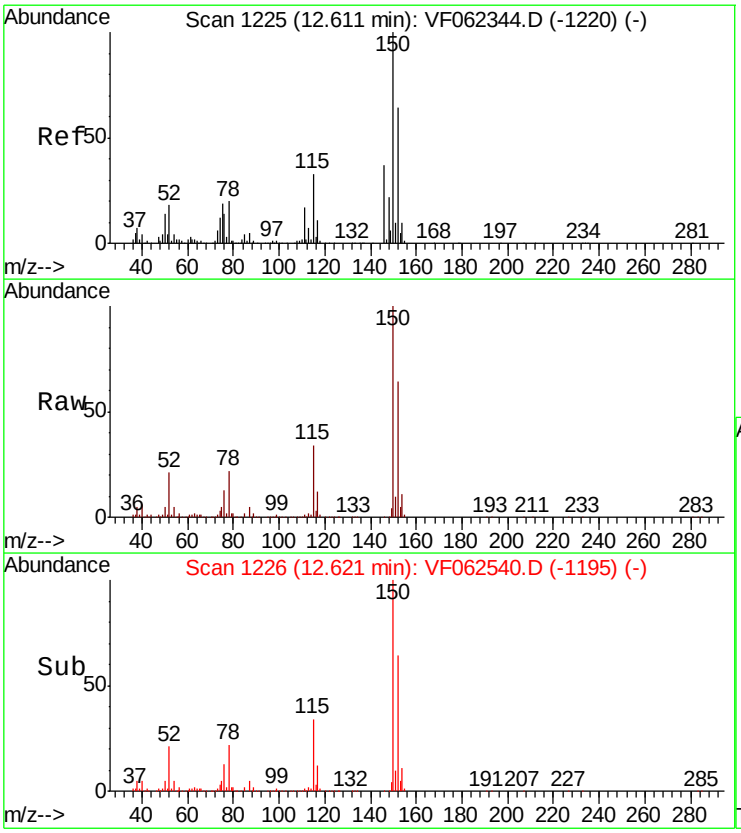
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062540.D
Acq: 13 May 2019 14:24

Instrument :
MSVOA_F
ClientSampleId :
VF0513SBL01

Tgt Ion:117 Resp: 390704

Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.2	63.2
119	35.0	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: VF062540.D
Acq: 13 May 2019 14:24

Tgt Ion:152 Resp: 256011

Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.4	79.2
150	153.3	0.0	335.0