Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062704.D
Acq On : 22 May 2019 14:29
Operator : FY/SY
Sample : K2642-05
Misc : 6.81g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Quant Time: May 23 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	565635	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	922254	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	542336	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.60	152	138766	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	160081	40.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.10%			
35) Dibromofluoromethane	4.30	113	297495	42.16	ug/l	-0.01
Spiked Amount 50.000			Recovery = 84.32%			
50) Toluene-d8	7.71	98	408704	24.26	ug/l	-0.01
Spiked Amount 50.000			Recovery = 48.52%			
62) 4-Bromofluorobenzene	11.49	95	113445	17.75	ug/l	-0.01
Spiked Amount 50.000			Recovery = 35.50%			
Target Compounds						Qvalue
8) Diethyl Ether	1.71	74	1856	1.069	ug/l	71
11) Tert butyl alcohol	2.68	59	451	1.709	ug/l #	1
13) Acrolein	2.23	56	324	1.176	ug/l	93
15) Acrylonitrile	3.06	53	1261	1.694	ug/l #	48
16) Acetone	2.34	43	22684	21.875	ug/l #	79
20) Methylene Chloride	2.32	84	53612	10.315	ug/l	89
49) 1,4-Dioxane	6.85	88	152	4.542	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	3424	1.002	ug/l #	57
58) 2-Chloroethyl Vinyl ether	7.44	63	1623	1.047	ug/l #	75
59) 2-Hexanone	9.63	43	3423	Below Cal		92
74) N-amyl acetate	11.44	43	1935	Below Cal #		65
81) trans-1,4-Dichloro-2-buten	11.96	75	1050	1.769	ug/l #	75

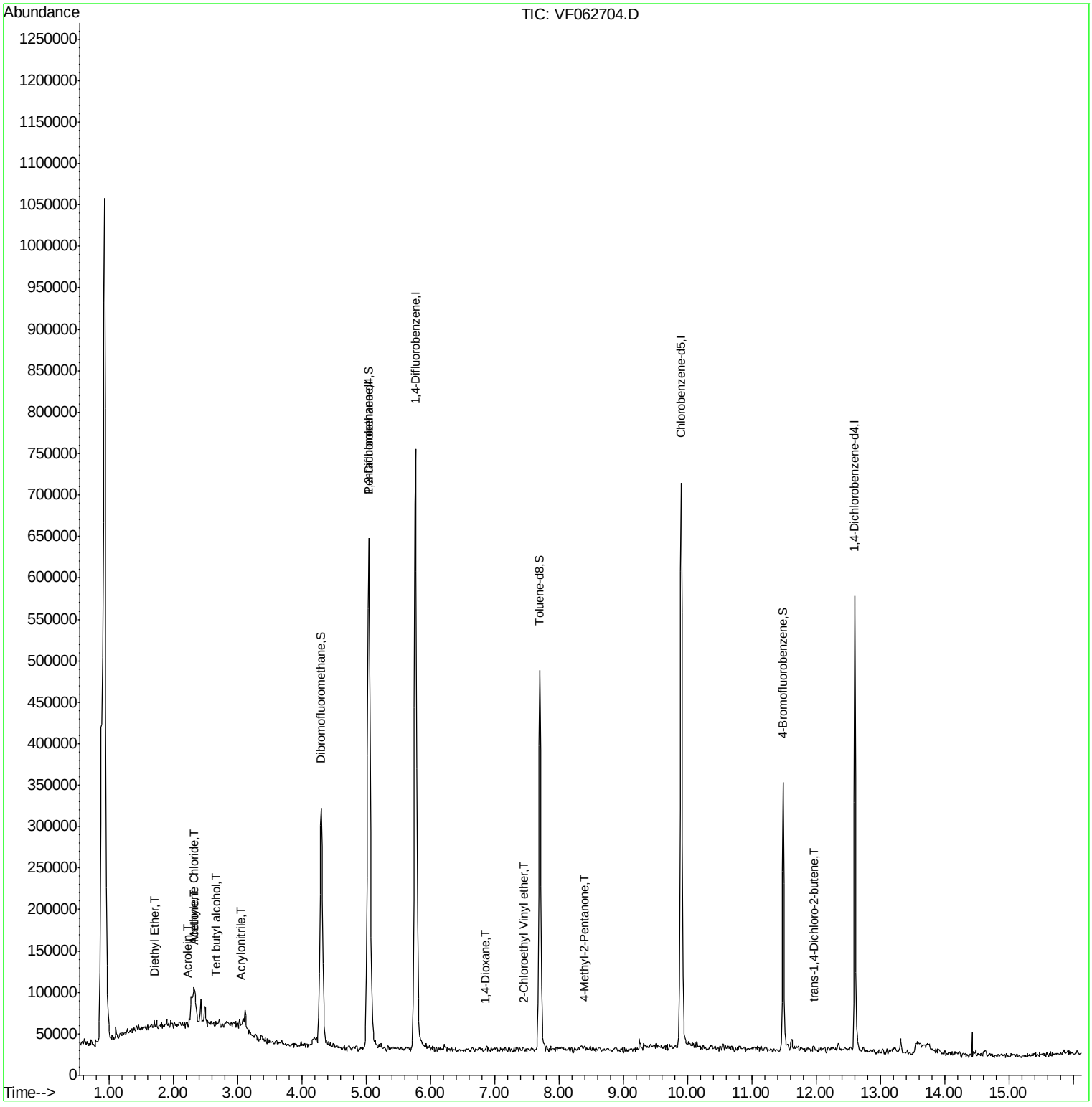
(#) = qualifier out of range (m) = manual integration (+) = signals summed

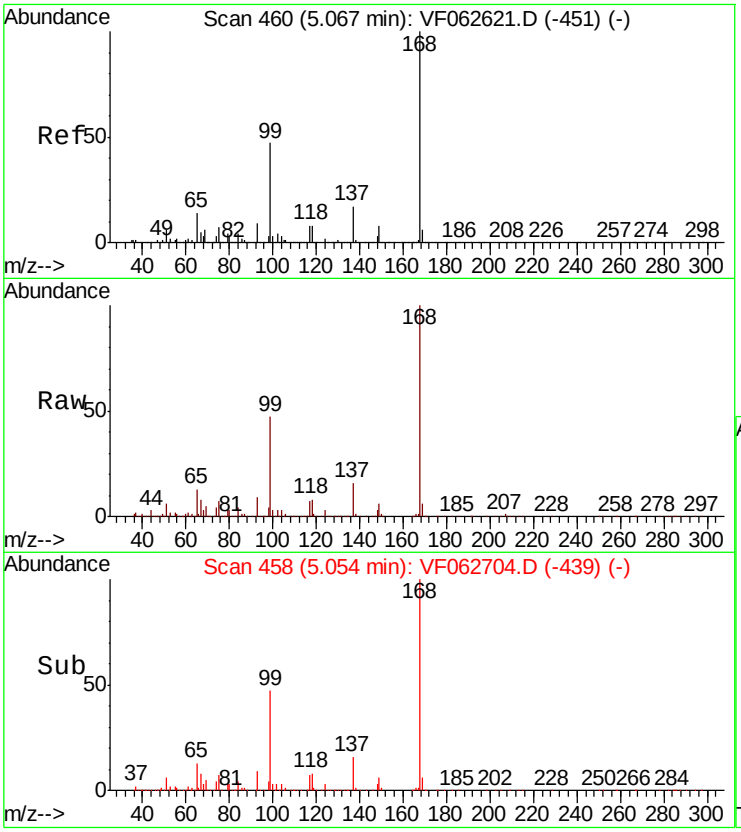
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062704.D
Acq On : 22 May 2019 14:29
Operator : FY/SY
Sample : K2642-05
Misc : 6.81g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Quant Time: May 23 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



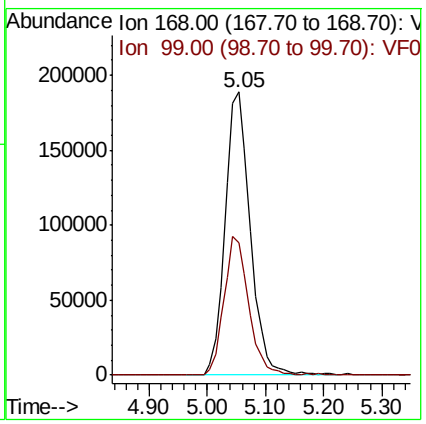


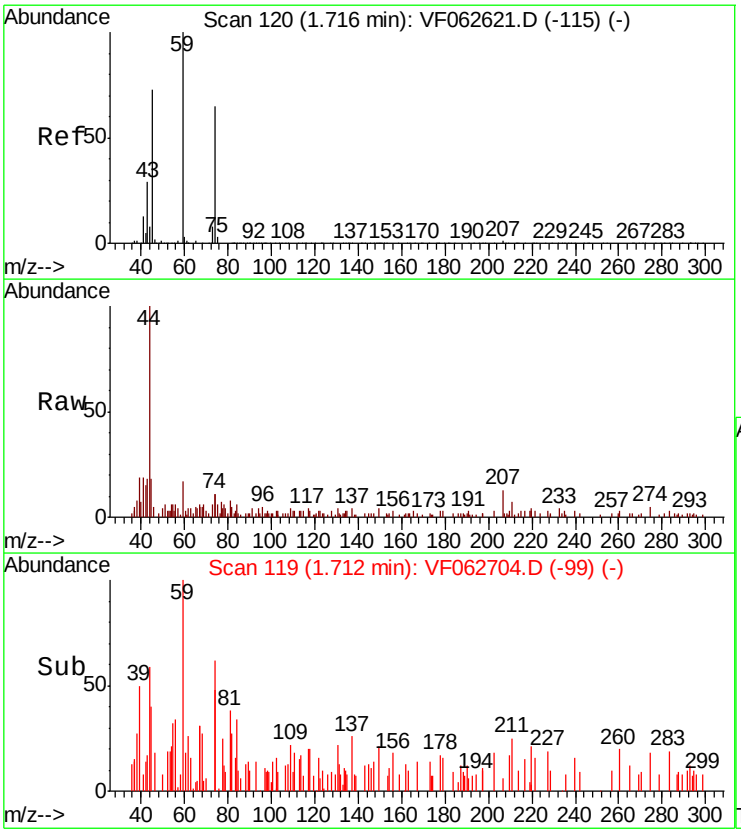
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion:168 Resp: 565635

Ion	Ratio	Lower	Upper
168	100		
99	46.6	37.8	56.8

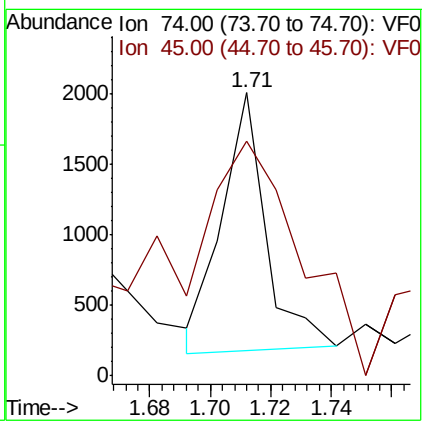


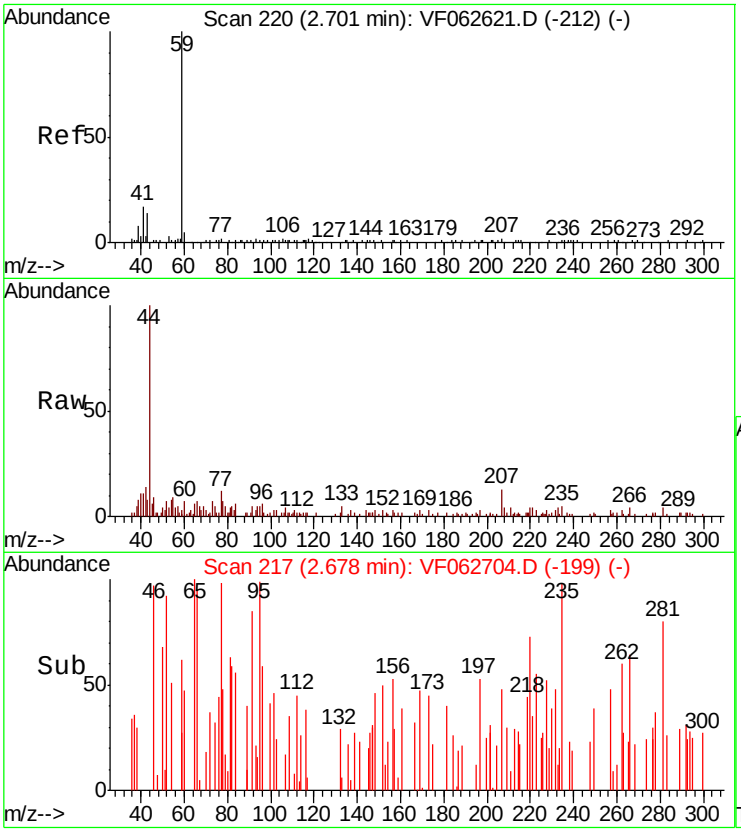


#8
Diethyl Ether
Concen: 1.069 ug/l
RT: 1.71 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 74 Resp: 1856

Ion	Ratio	Lower	Upper
74	100		
45	82.7	57.0	170.8



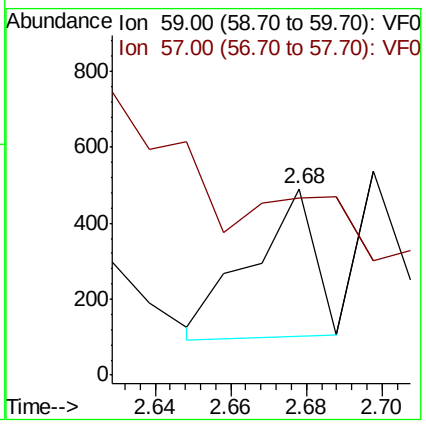


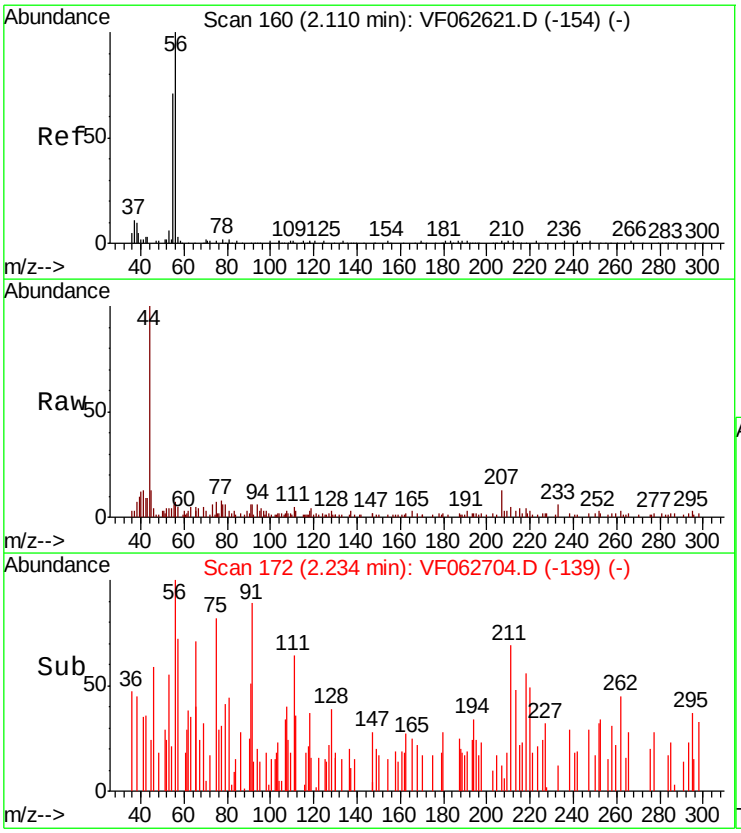
#11
Tert butyl alcohol
Concen: 1.709 ug/l
RT: 2.68 min Scan# 217
Delta R.T. -0.02 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Tgt Ion: 59 Resp: 451

Ion	Ratio	Lower	Upper
59	100		
57	95.3	9.3	13.9#

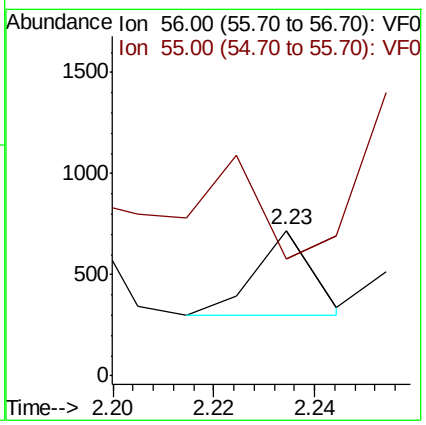


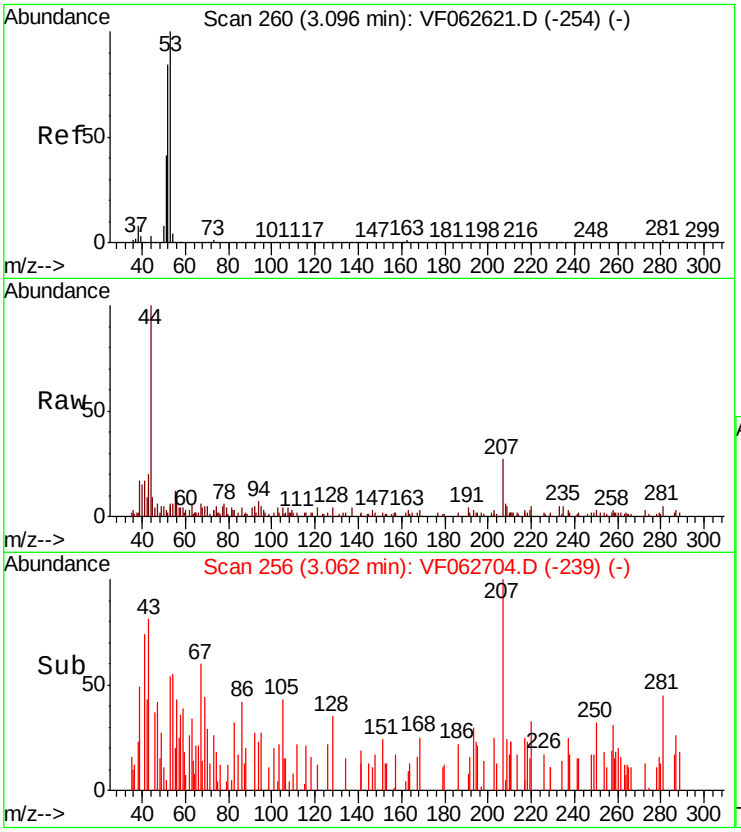


#13
Acrolein
Concen: 1.176 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.12 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 56 Resp: 324

Ion	Ratio	Lower	Upper
56	100		
55	80.5	59.4	89.0



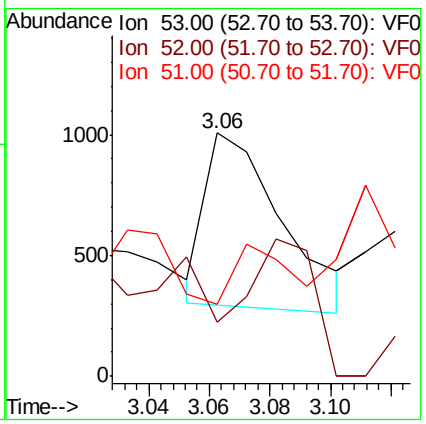


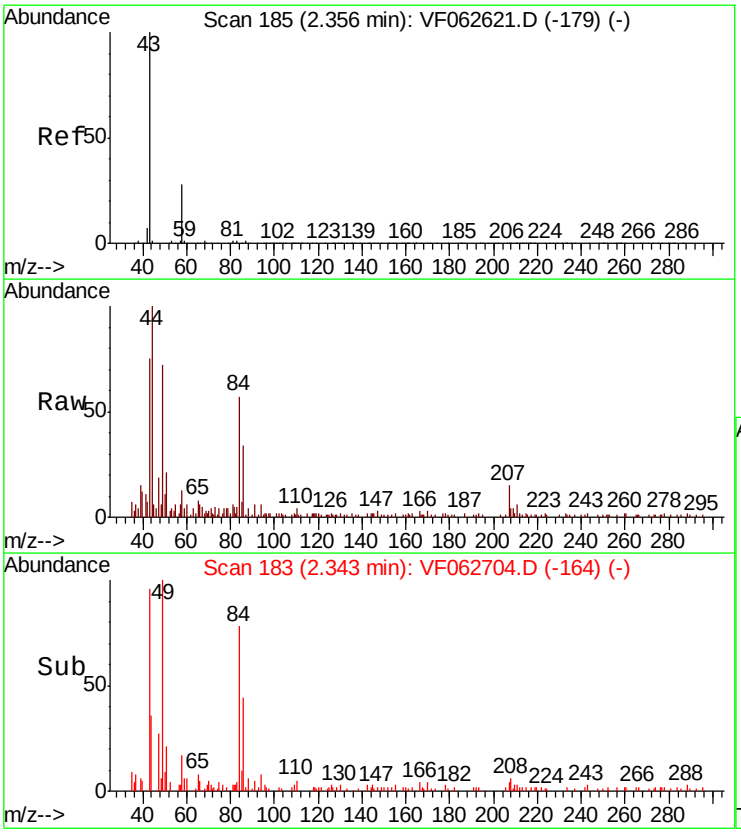
#15
Acrylonitrile
Concen: 1.694 ug/l
RT: 3.06 min Scan# 256
Delta R.T. -0.03 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion: 53 Resp: 1261

Ion	Ratio	Lower	Upper
53	100		
52	22.1	67.3	100.9#
51	29.6	33.0	49.6#

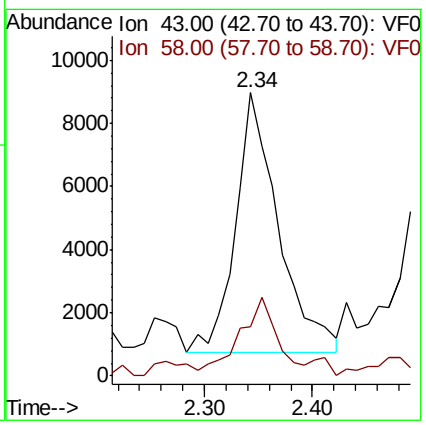


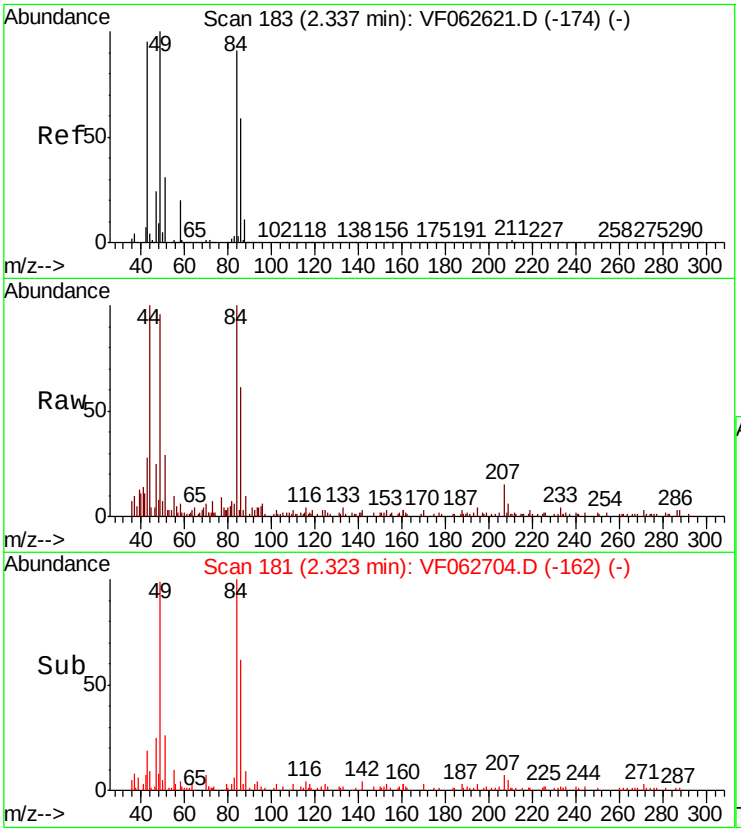


#16
Acetone
Concen: 21.875 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 43 Resp: 22684

Ion	Ratio	Lower	Upper
43	100		
58	17.3	22.6	33.8#



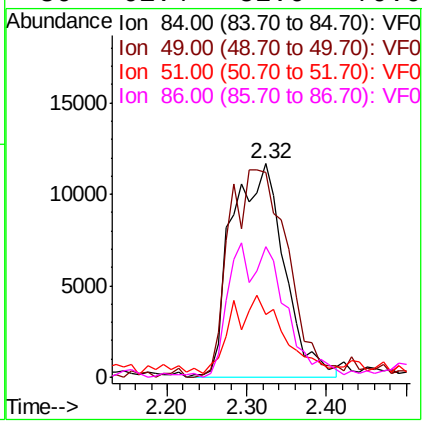


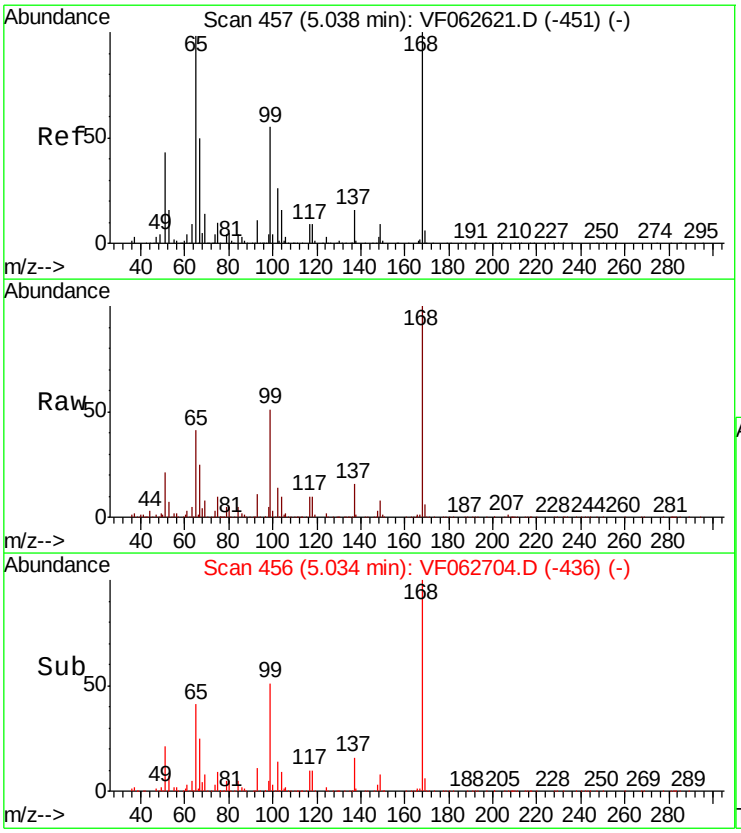
#20
Methylene Chloride
Concen: 10.315 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion: 84 Resp: 53612

Ion	Ratio	Lower	Upper
84	100		
49	96.1	89.8	134.8
51	29.4	28.4	42.6
86	61.4	52.6	79.0

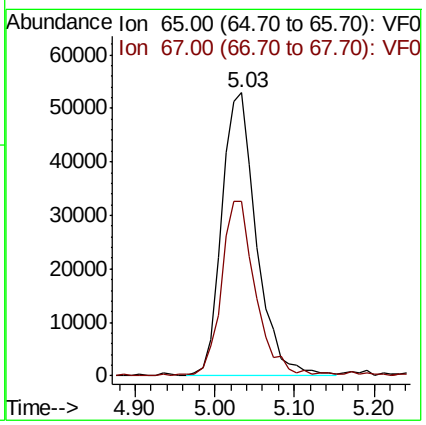


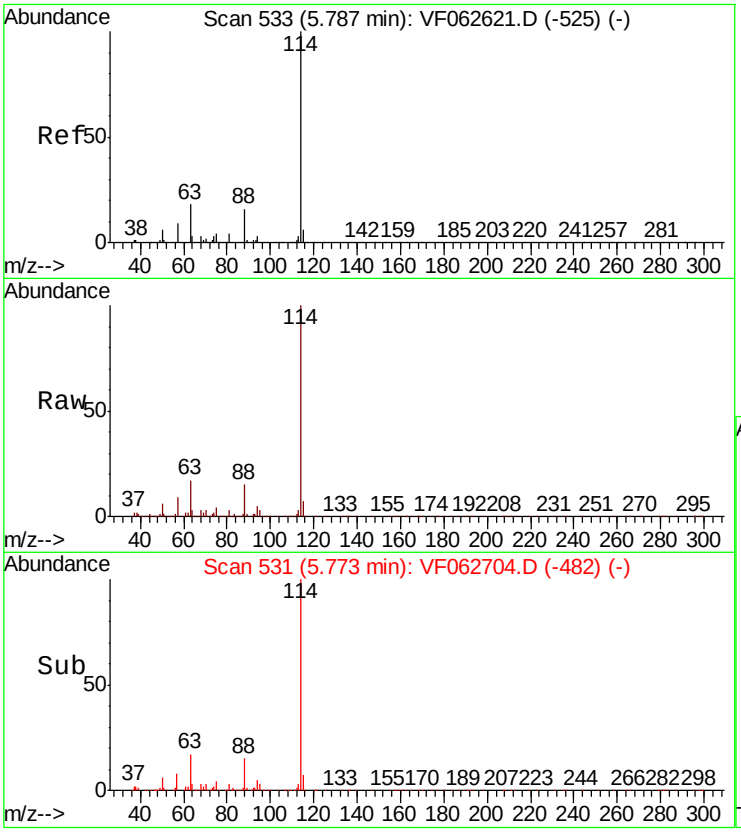


#33
1,2-Dichloroethane-d4
Concen: 40.050 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 65 Resp: 160081

Ion	Ratio	Lower	Upper
65	100		
67	61.7	0.0	117.6



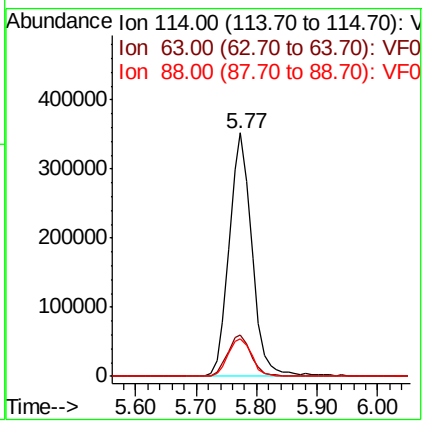


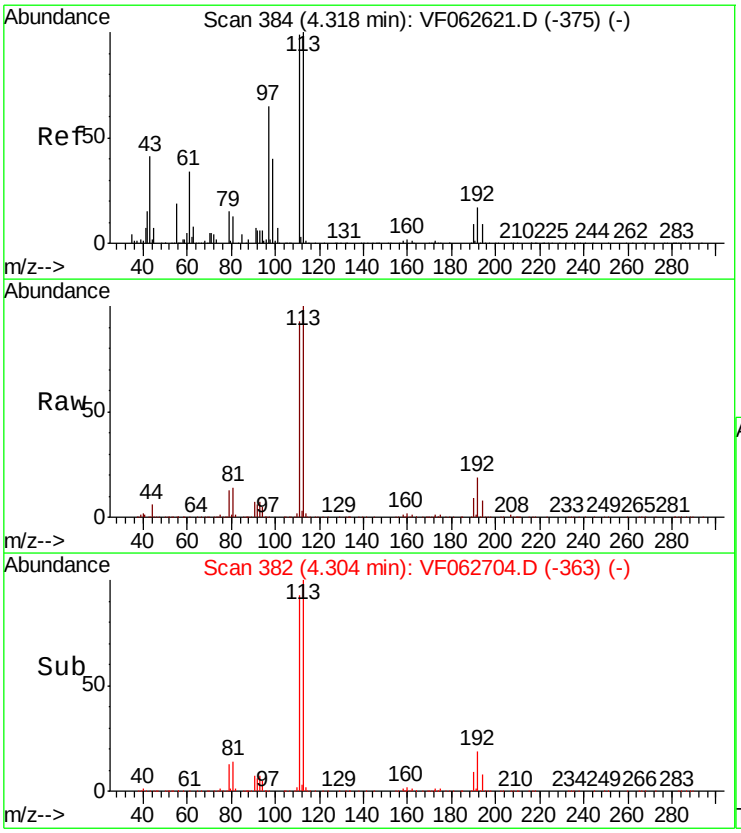
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion:114 Resp: 922254

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.4
88	15.3	0.0	32.4

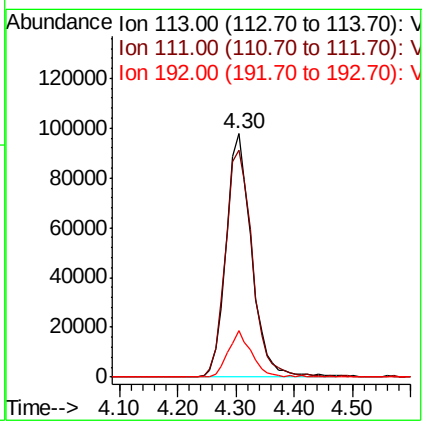


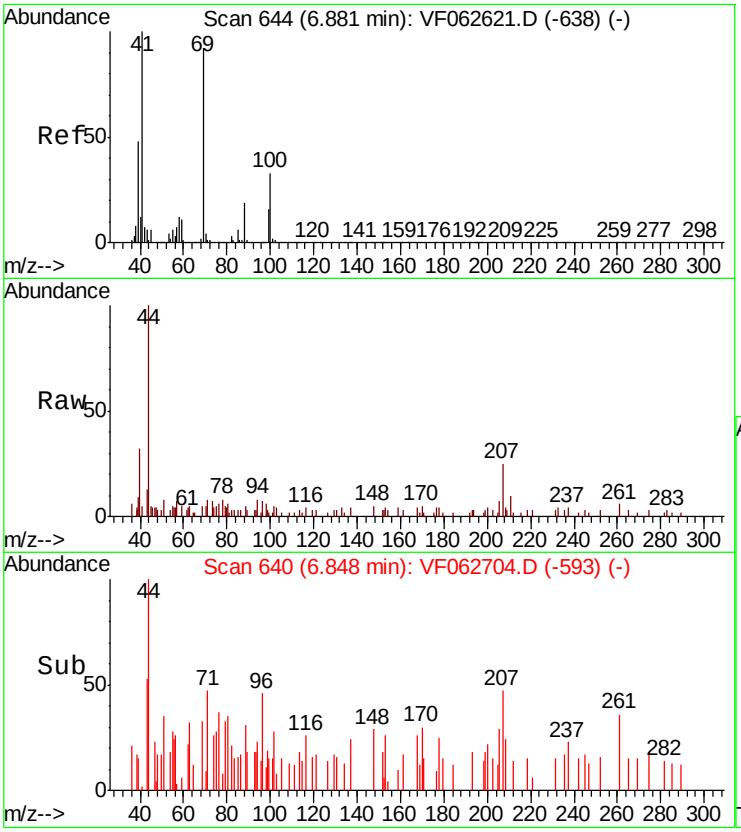


#35
Dibromofluoromethane
Concen: 42.155 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion:113 Resp: 297495

Ion	Ratio	Lower	Upper
113	100		
111	93.4	79.4	119.2
192	18.9	13.4	20.2



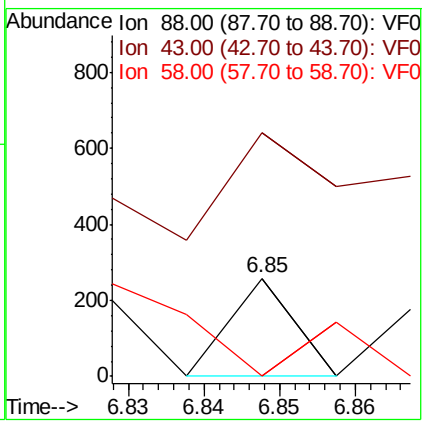


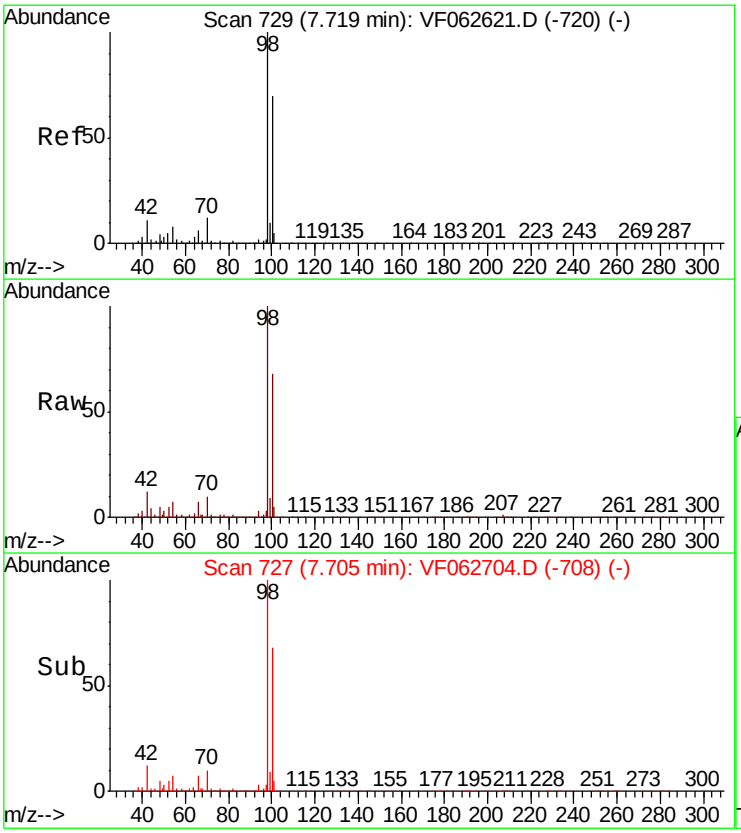
#49
1,4-Dioxane
Concen: 4.542 ug/l
RT: 6.85 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion: 88 Resp: 152

Ion	Ratio	Lower	Upper
88	100		
43	248.4	30.0	45.0#
58	0.0	51.1	76.7#

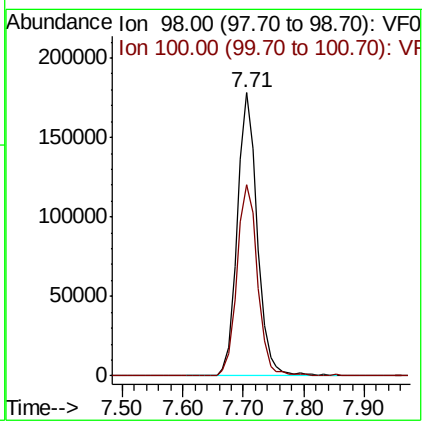


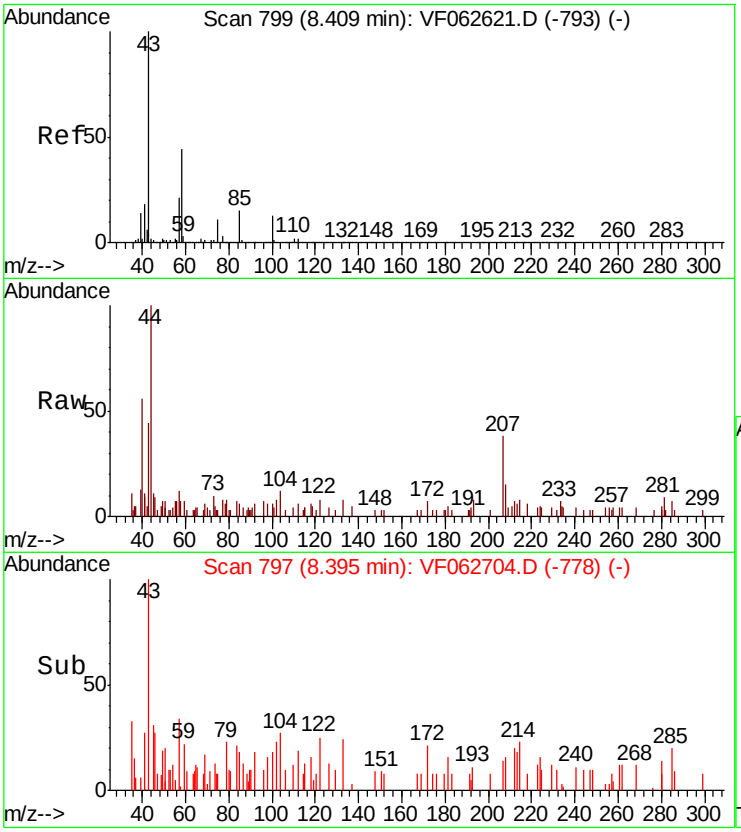


#50
Toluene-d8
Concen: 24.256 ug/l
RT: 7.71 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 98 Resp: 408704

Ion	Ratio	Lower	Upper
98	100		
100	67.6	56.2	84.2



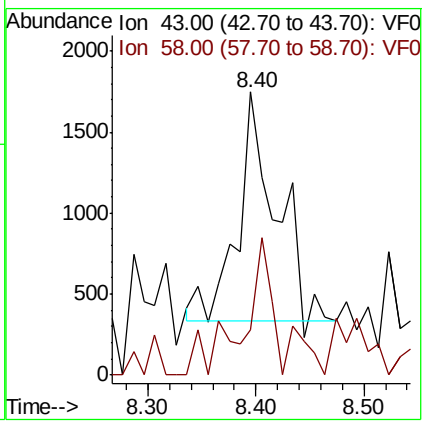


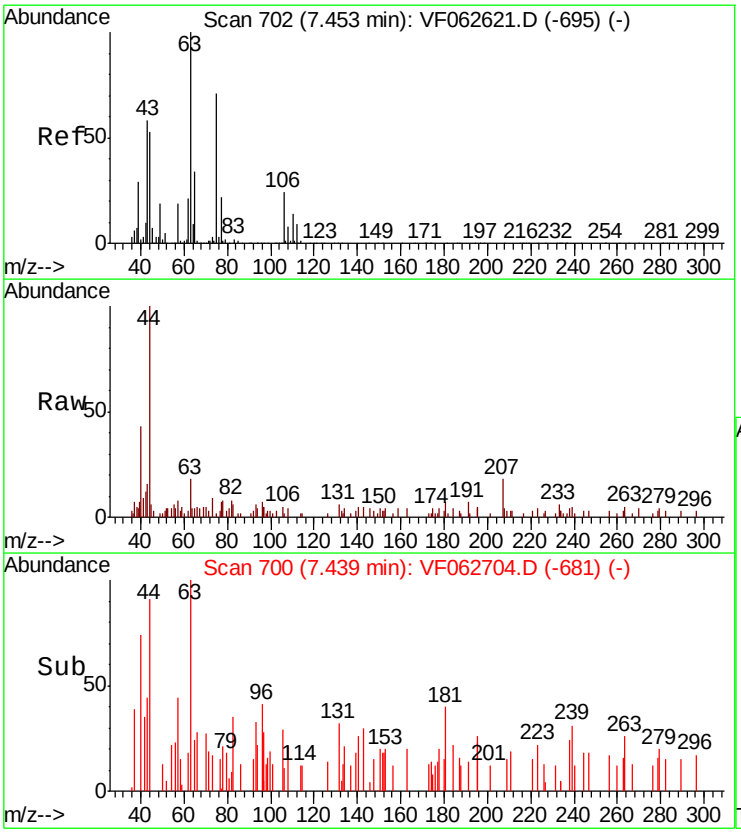
#51
4-Methyl-2-Pentanone
Concen: 1.002 ug/l
RT: 8.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
OK-01-052119

Tgt Ion: 43 Resp: 3424

Ion	Ratio	Lower	Upper
43	100		
58	15.9	34.9	52.3#

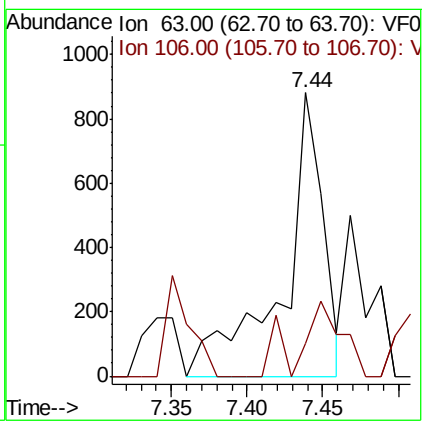


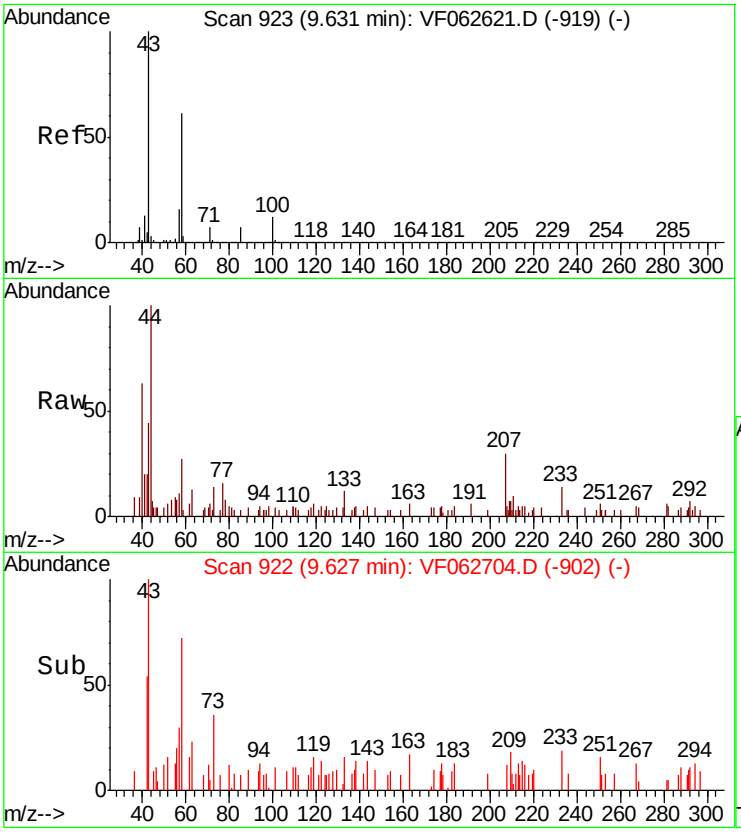


#58
2-Chloroethyl Vinyl ether
Concen: 1.047 ug/l
RT: 7.44 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 63 Resp: 1623

Ion	Ratio	Lower	Upper
63	100		
106	11.5	19.1	28.7#



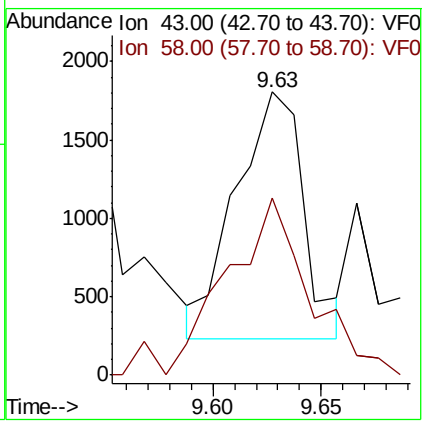


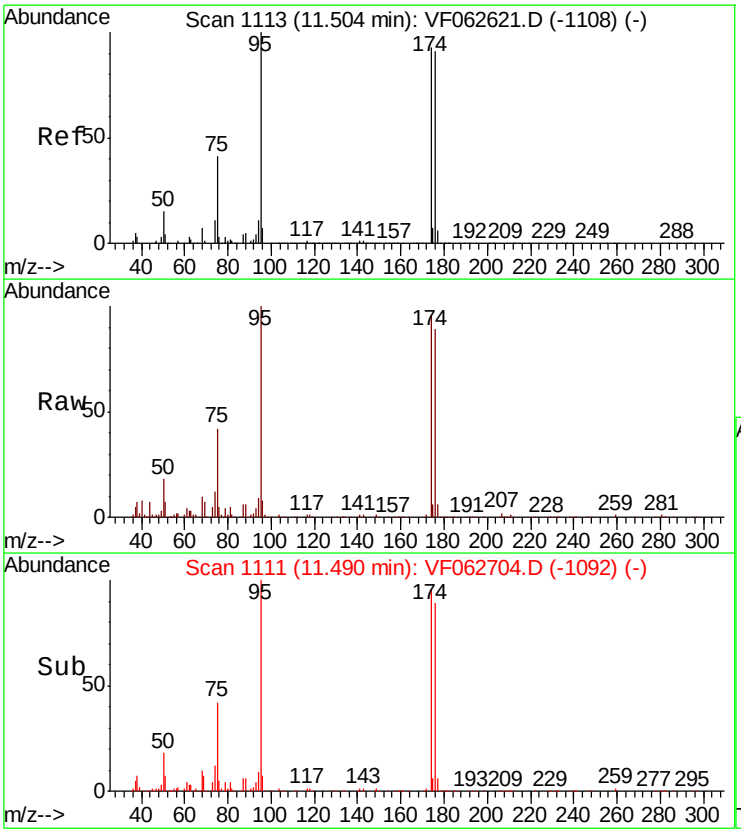
#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Tgt Ion: 43 Resp: 3423

Ion	Ratio	Lower	Upper
43	100		
58	62.4	28.1	84.4

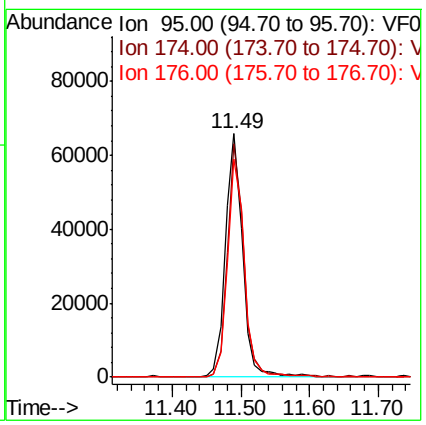


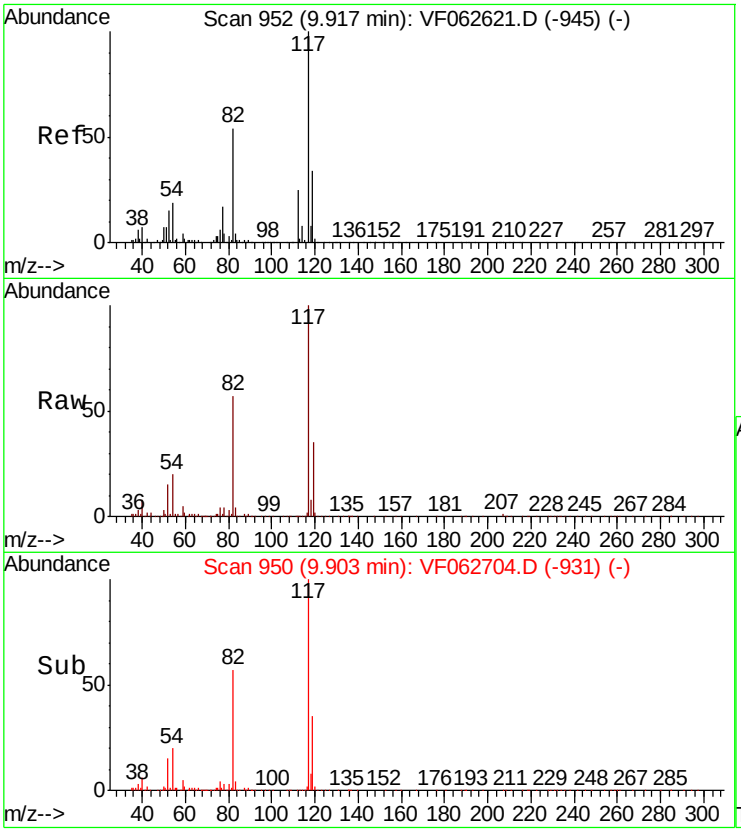


#62
4-Bromofluorobenzene
Concen: 17.752 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 95 Resp: 113445

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	185.6
176	89.3	0.0	182.4



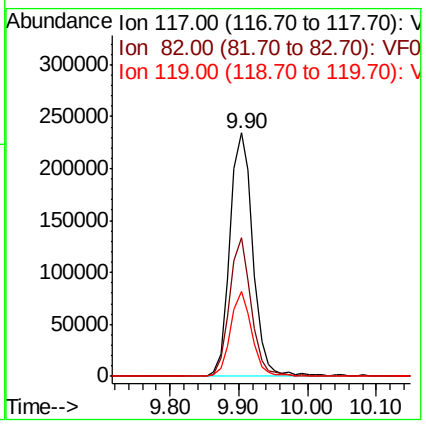


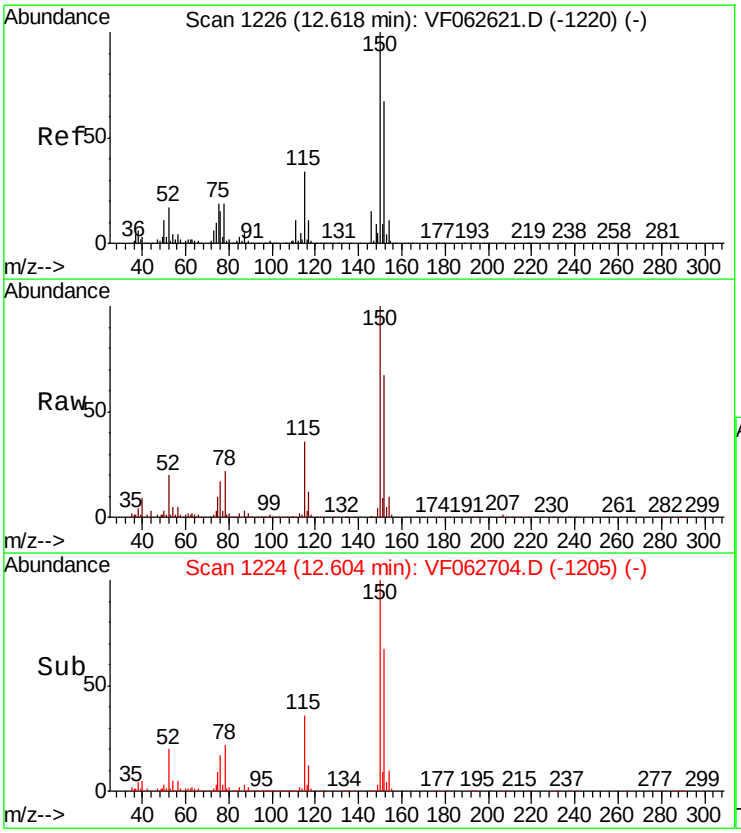
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Tgt Ion:117 Resp: 542336

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	34.7	27.4	41.0

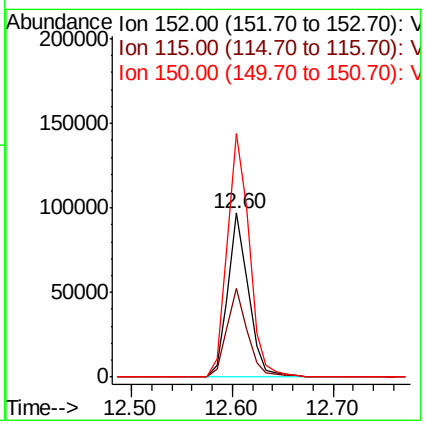


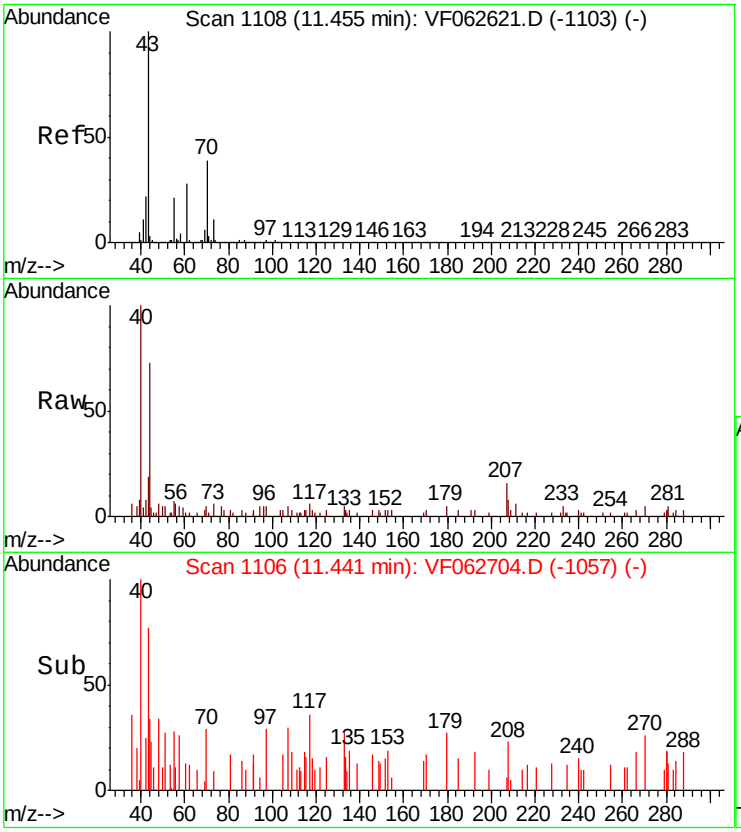


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion:152 Resp: 138766

Ion	Ratio	Lower	Upper
152	100		
115	54.0	25.2	75.6
150	148.3	0.0	306.2



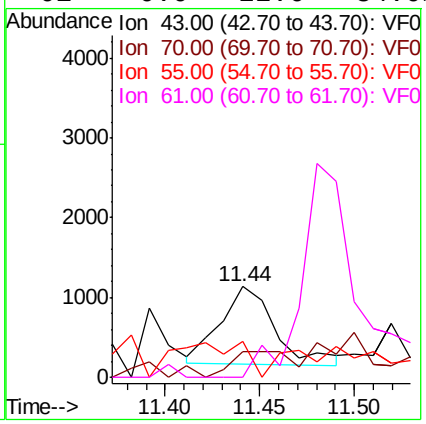


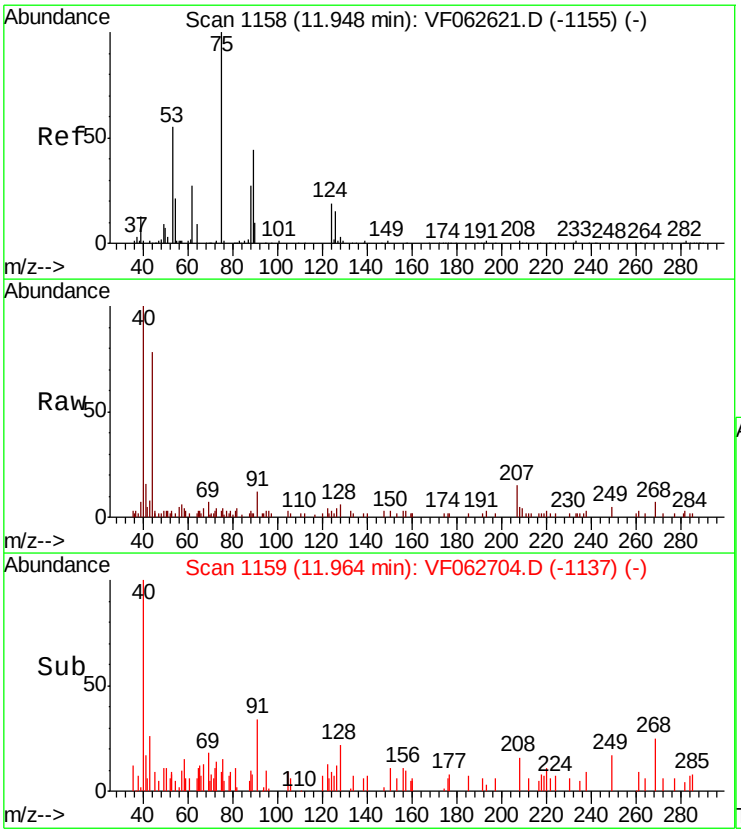
#74
N-amyl acetate
Concen: Below Cal
RT: 11.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Instrument : MSVOA_F
ClientSampleId : OK-01-052119

Tgt Ion: 43 Resp: 1935

Ion	Ratio	Lower	Upper
43	100		
70	27.8	30.9	46.3#
55	40.2	17.0	25.4#
61	0.0	22.6	34.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 1.769 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. 0.02 min
Lab File: VF062704.D
Acq: 22 May 2019 14:29

Tgt Ion: 75 Resp: 1050

Ion	Ratio	Lower	Upper
75	100		
53	35.1	46.9	70.3#
89	33.8	36.4	54.6#