Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062851.D
Acq On : 4 Jun 2019 20:57
Operator : FY/SY
Sample : K2638-02
Misc : 5.61g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 05 05:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	716003	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1210856	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	909565	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	343089	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	204946	41.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.78%			
35) Dibromofluoromethane	4.31	113	390984	42.73	ug/l	-0.03
Spiked Amount 50.000			Recovery = 85.46%			
50) Toluene-d8	7.71	98	830726	35.90	ug/l	-0.03
Spiked Amount 50.000			Recovery = 71.80%			
62) 4-Bromofluorobenzene	11.49	95	269591	32.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 64.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	1192	Below Cal		94
8) Diethyl Ether	1.73	74	3363	1.640	ug/l	74
11) Tert butyl alcohol	2.69	59	606	2.020	ug/l #	1
13) Acrolein	2.14	56	2048	9.211	ug/l #	1
16) Acetone	2.35	43	28384	25.047	ug/l #	87
18) Methyl Acetate	2.47	43	5224	2.638	ug/l #	79
20) Methylene Chloride	2.29	84	6969	Below Cal		96
49) 1,4-Dioxane	6.87	88	173	4.524	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.45	63	2521	1.288	ug/l #	77
59) 2-Hexanone	9.62	43	3128	1.092	ug/l	84

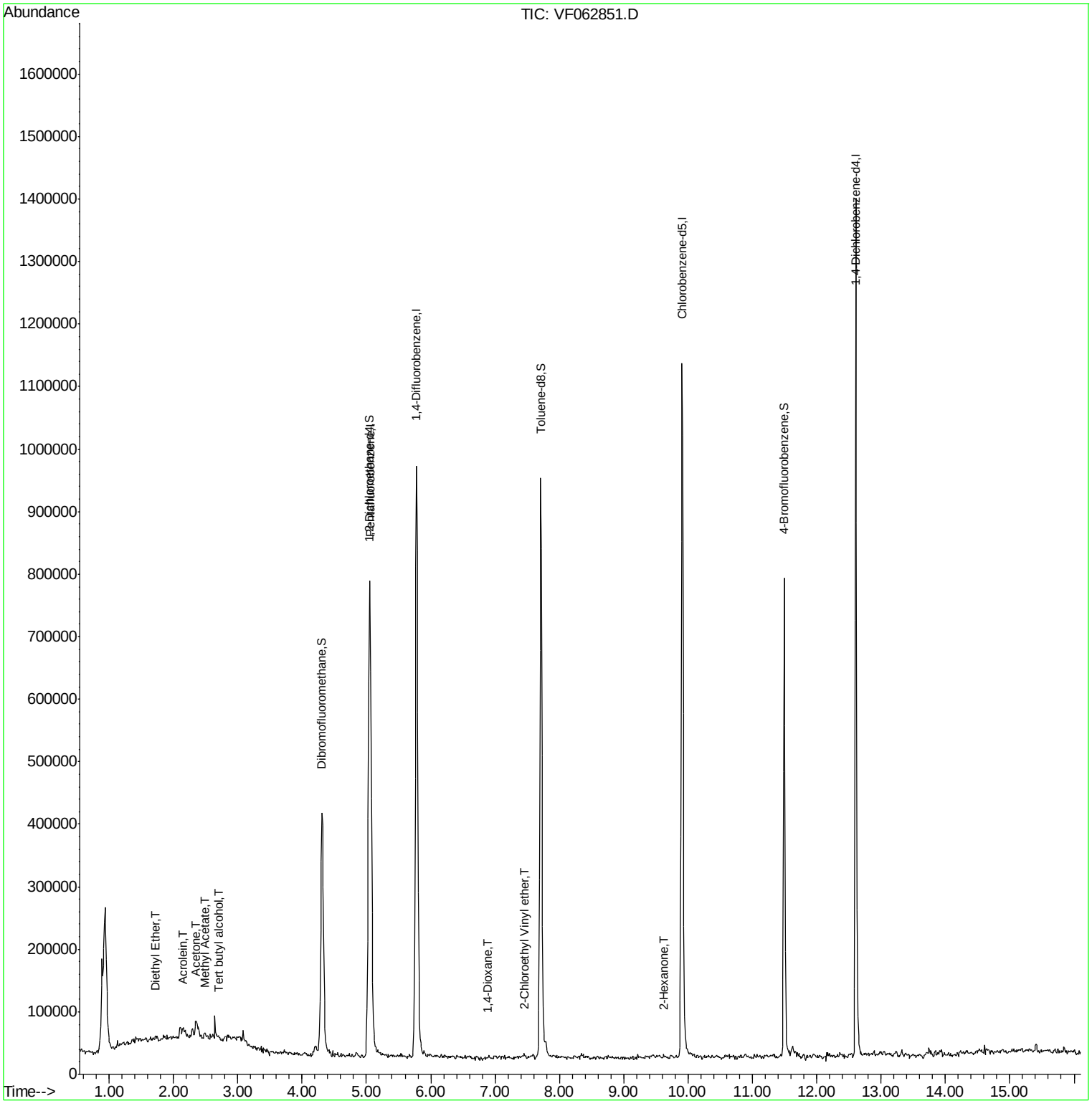
(#) = qualifier out of range (m) = manual integration (+) = signals summed

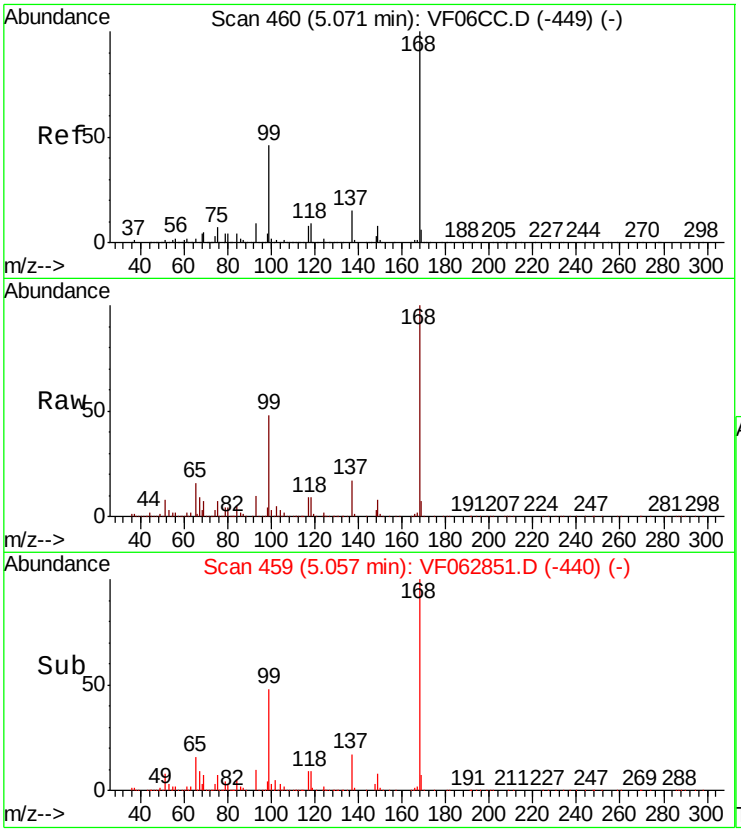
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062851.D
Acq On : 4 Jun 2019 20:57
Operator : FY/SY
Sample : K2638-02
Misc : 5.61g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 05 05:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration



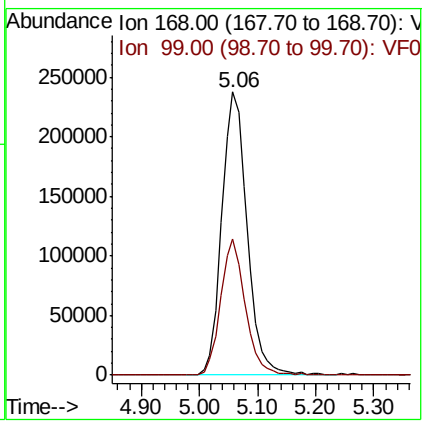


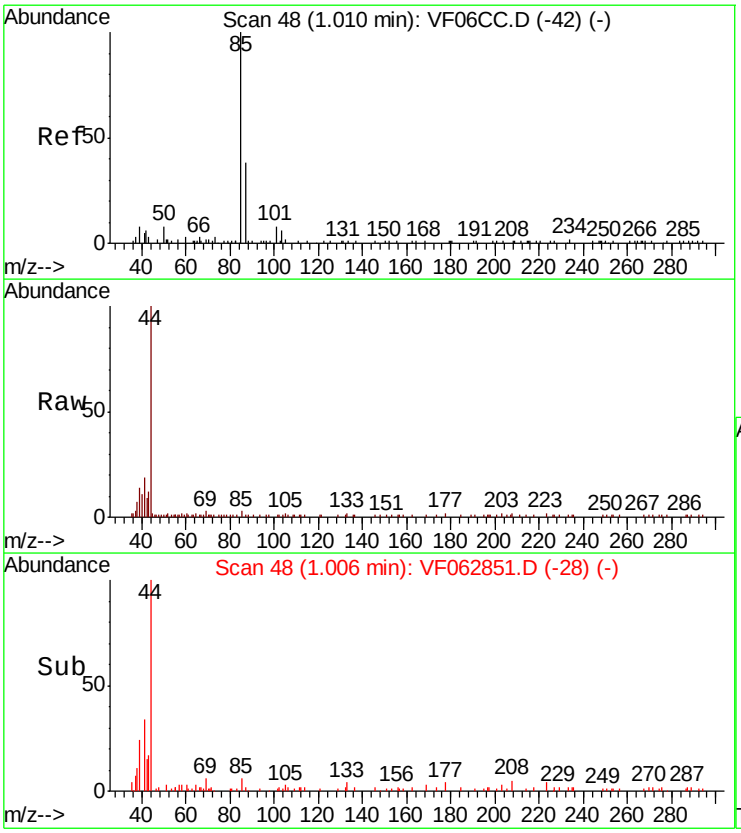
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 716003

Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.1	58.7

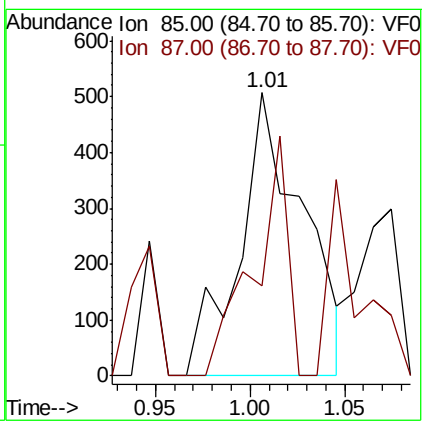


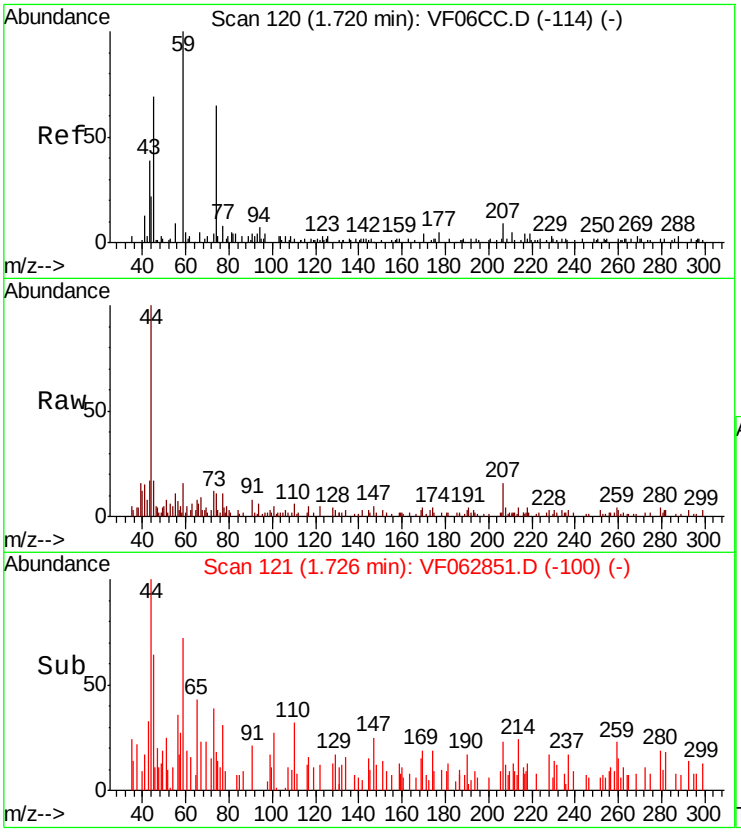


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.01 min Scan# 48
Delta R.T. -0.01 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 85 Resp: 1192

Ion	Ratio	Lower	Upper
85	100		
87	32.0	17.6	52.9



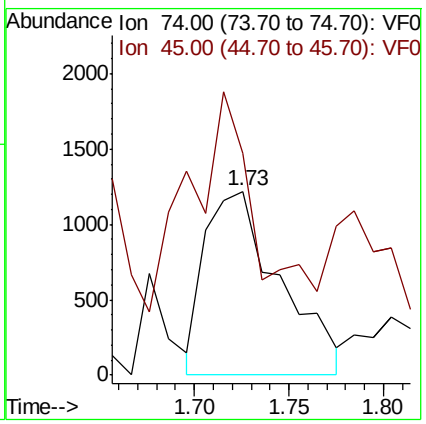


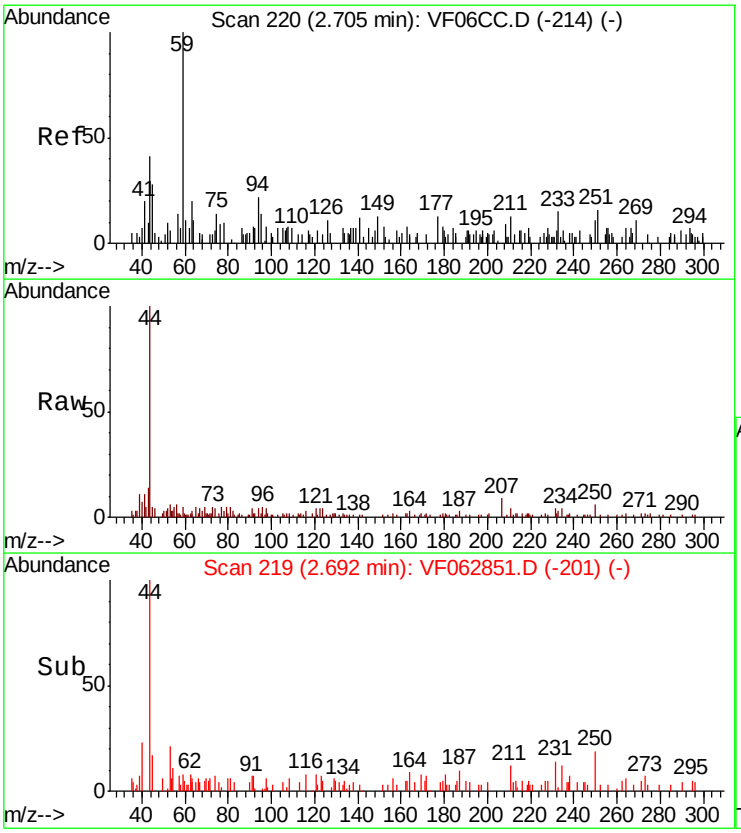
#8
Diethyl Ether
Concen: 1.640 ug/l
RT: 1.73 min Scan# 121
Delta R.T. 0.00 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 3363

Ion	Ratio	Lower	Upper
74	100		
45	120.7	47.5	142.5

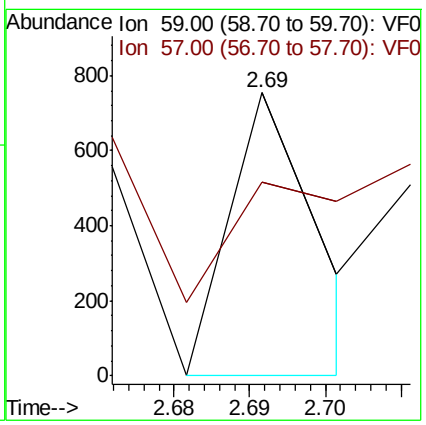


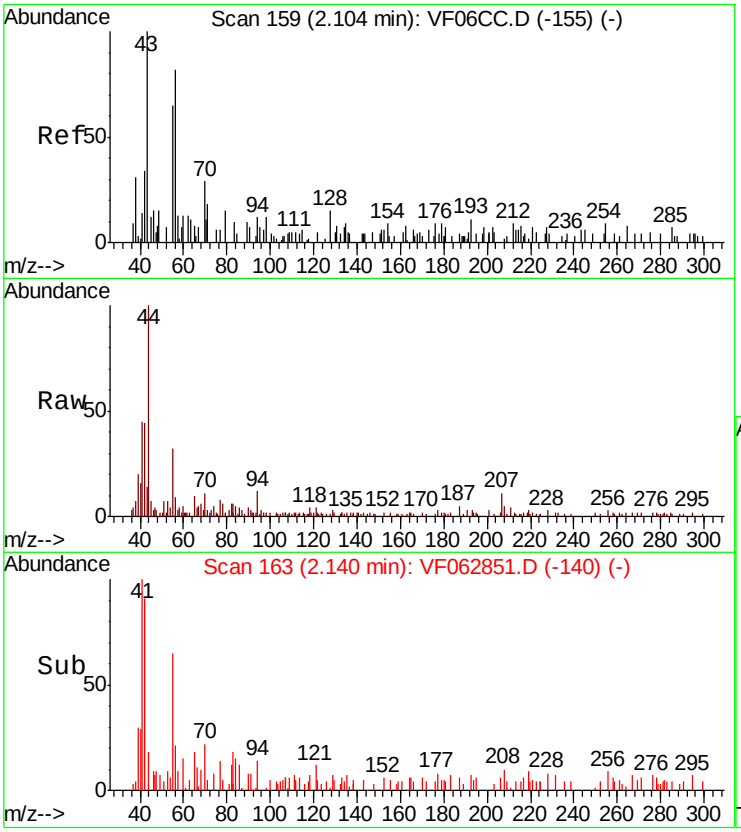


#11
Tert butyl alcohol
Concen: 2.020 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 59 Resp: 606

Ion	Ratio	Lower	Upper
59	100		
57	68.4	9.2	13.8#



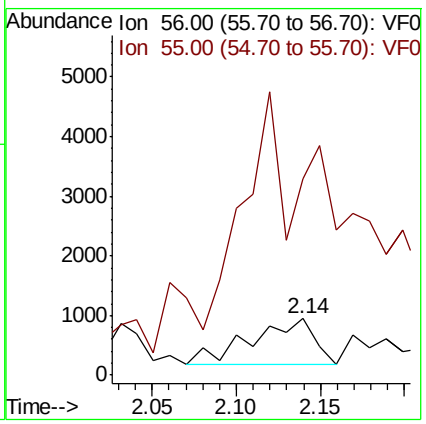


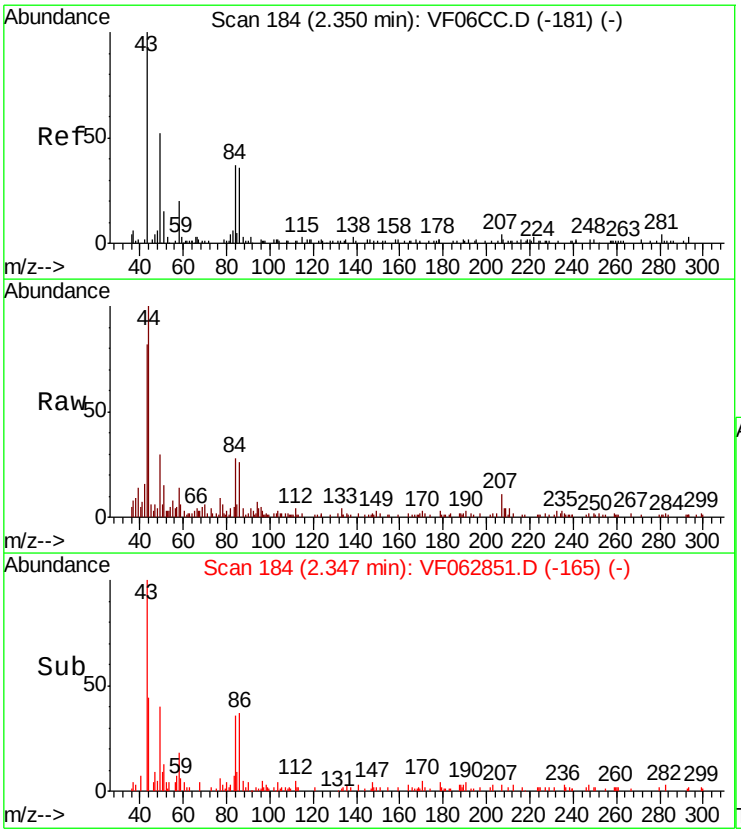
#13
Acrolein
Concen: 9.211 ug/l
RT: 2.14 min Scan# 163
Delta R.T. 0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 2048

Ion	Ratio	Lower	Upper
56	100		
55	346.2	52.9	79.3#

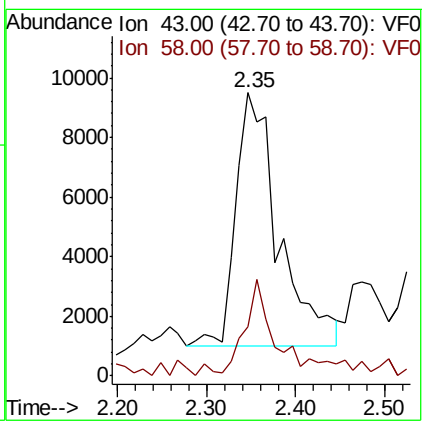


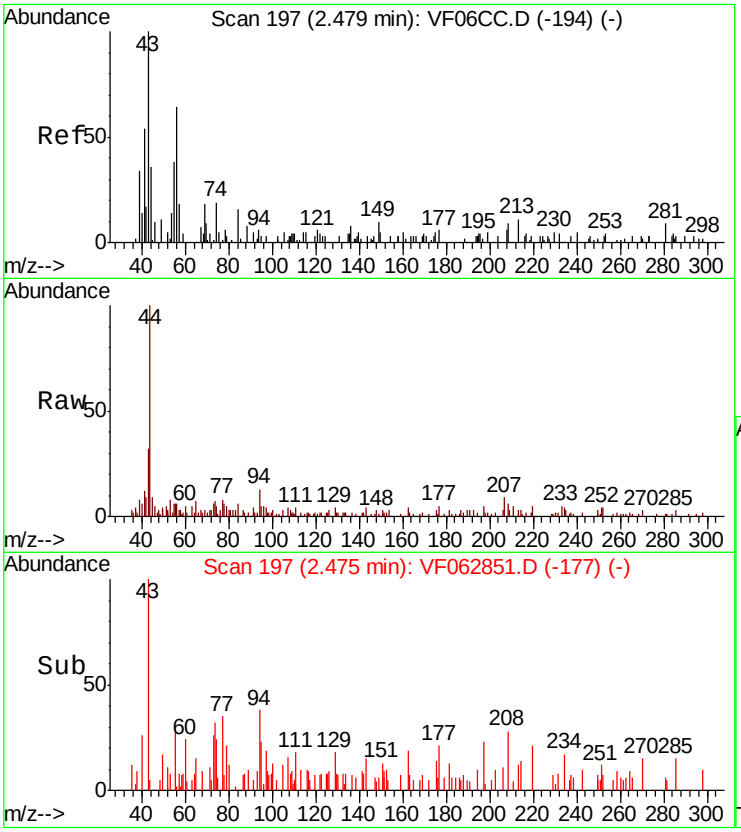


#16
Acetone
Concen: 25.047 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 43 Resp: 28384

Ion	Ratio	Lower	Upper
43	100		
58	17.4	19.0	28.4#



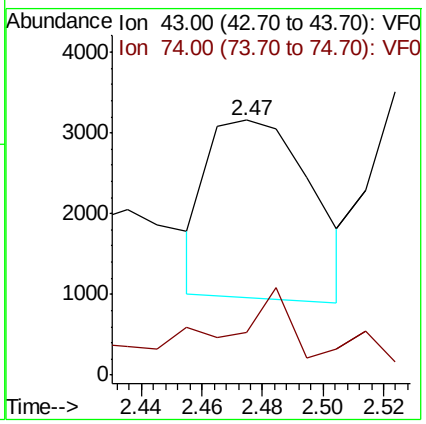


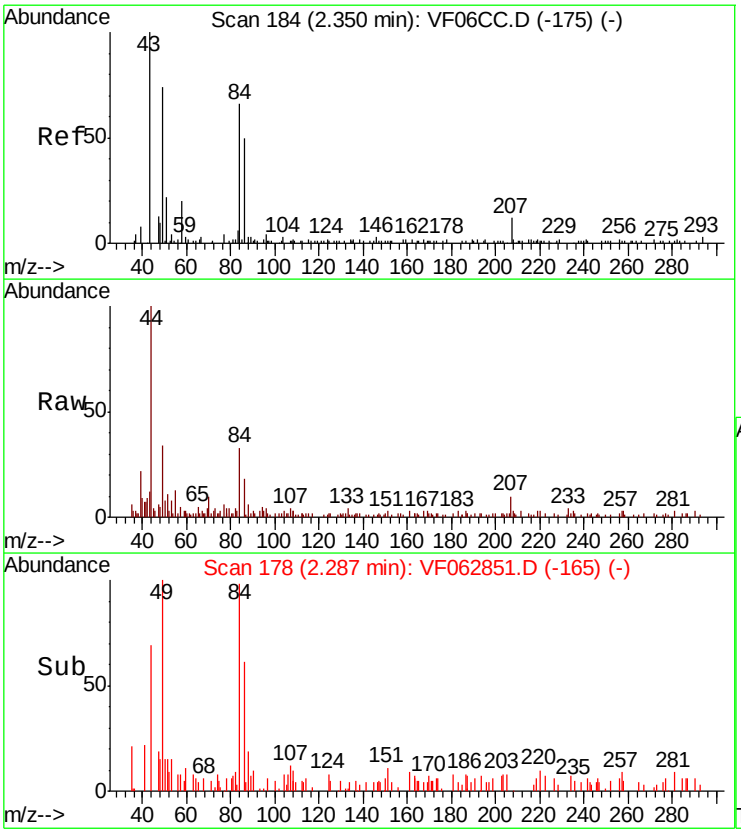
#18
Methyl Acetate
Concen: 2.638 ug/l
RT: 2.47 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5224

Ion	Ratio	Lower	Upper
43	100		
74	16.6	22.1	33.1#

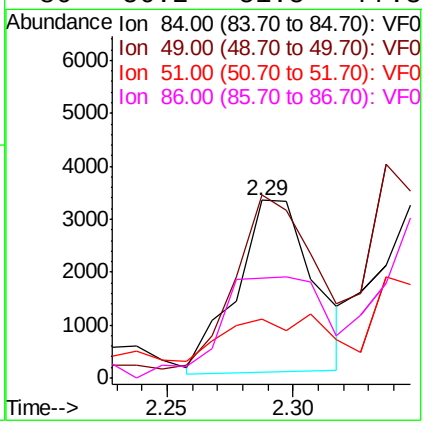


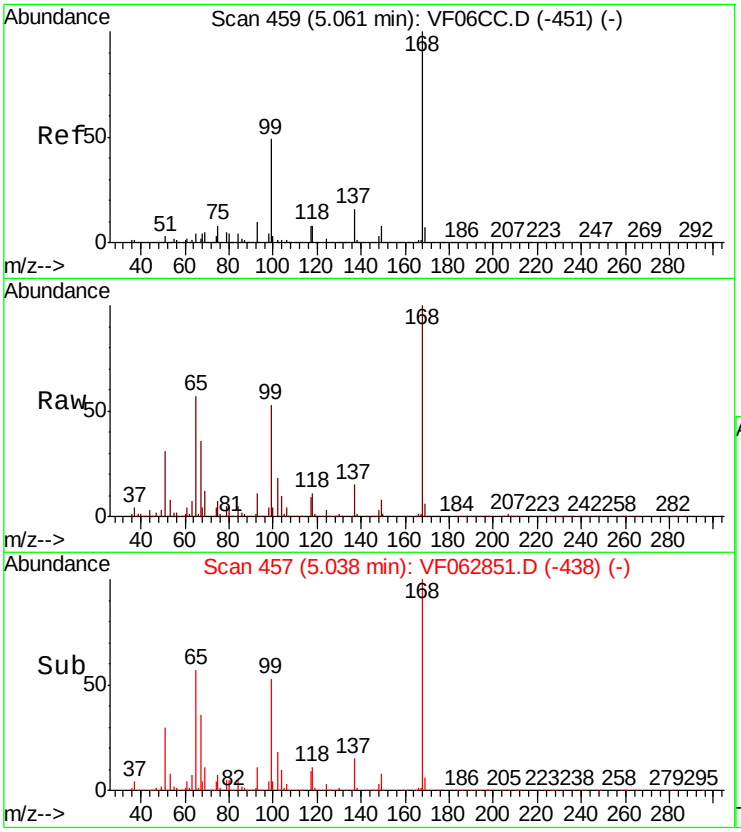


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. -0.07 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 84 Resp: 6969

Ion	Ratio	Lower	Upper
84	100		
49	102.9	82.6	123.8
51	33.2	25.0	37.4
86	56.2	51.5	77.3



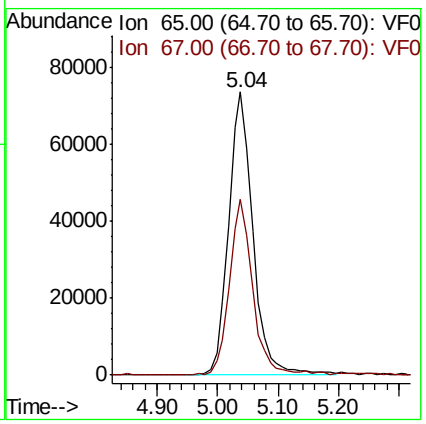


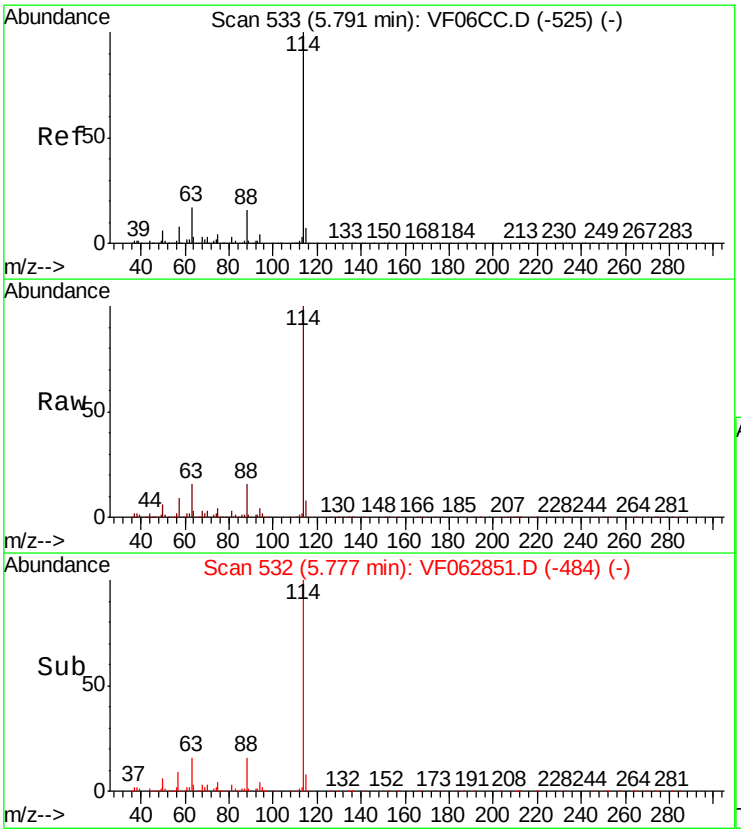
#33
1,2-Dichloroethane-d4
Concen: 41.393 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 204946

Ion	Ratio	Lower	Upper
65	100		
67	62.2	0.0	121.2

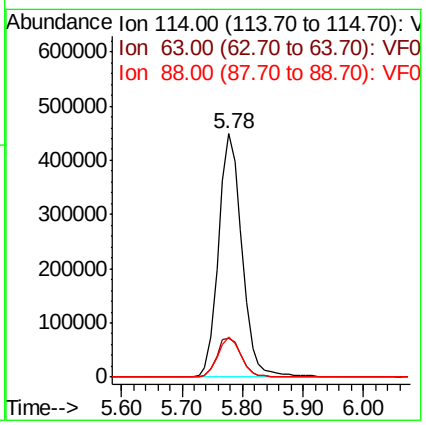


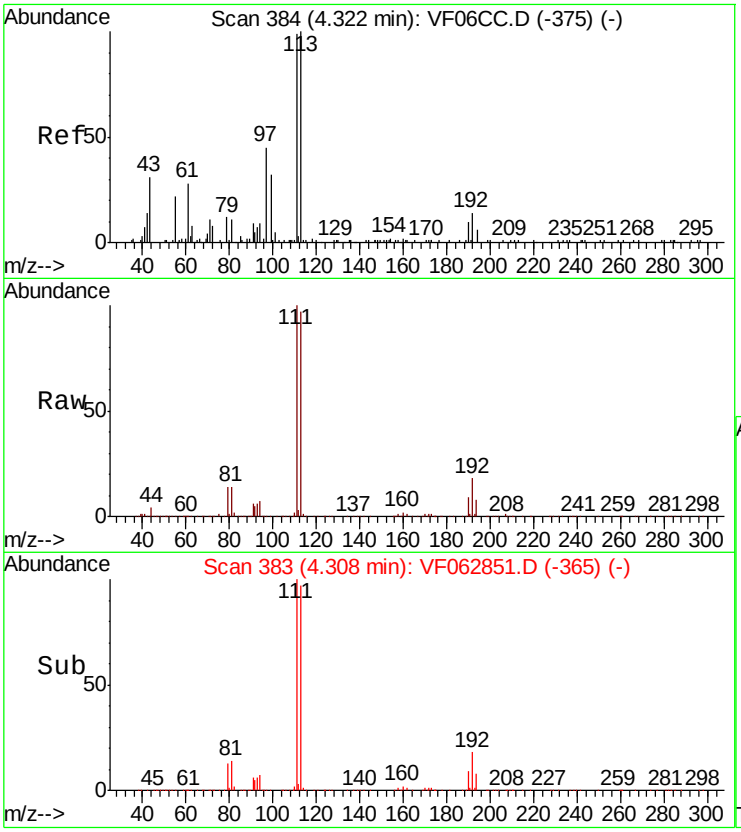


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion:114 Resp: 1210856

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.2
88	16.3	0.0	31.2



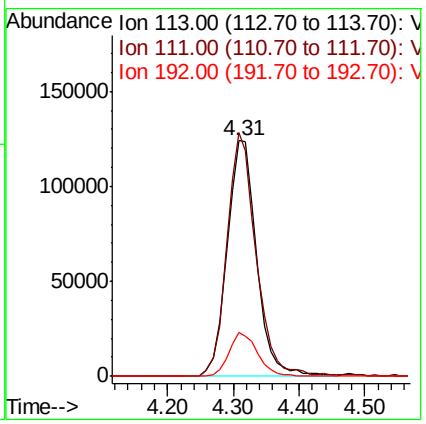


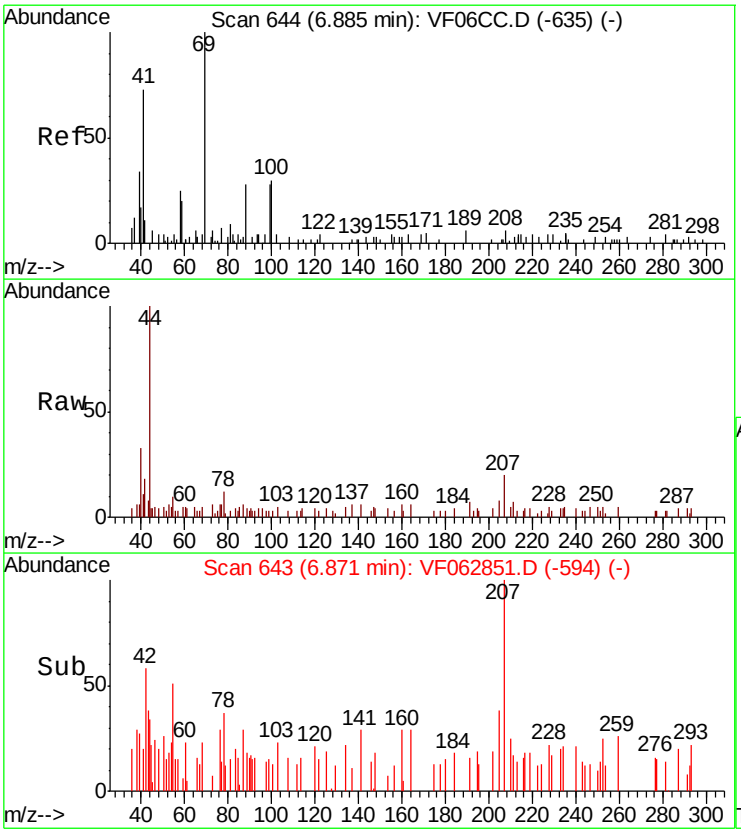
#35
Dibromofluoromethane
Concen: 42.731 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 390984

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	18.6	15.1	22.7

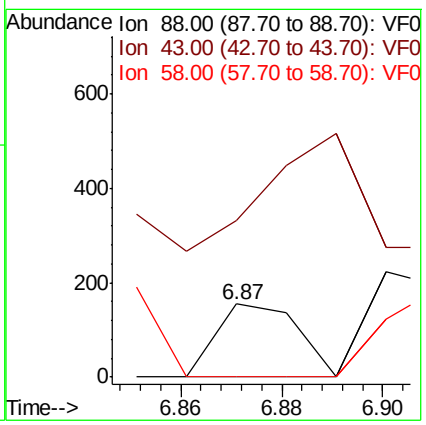


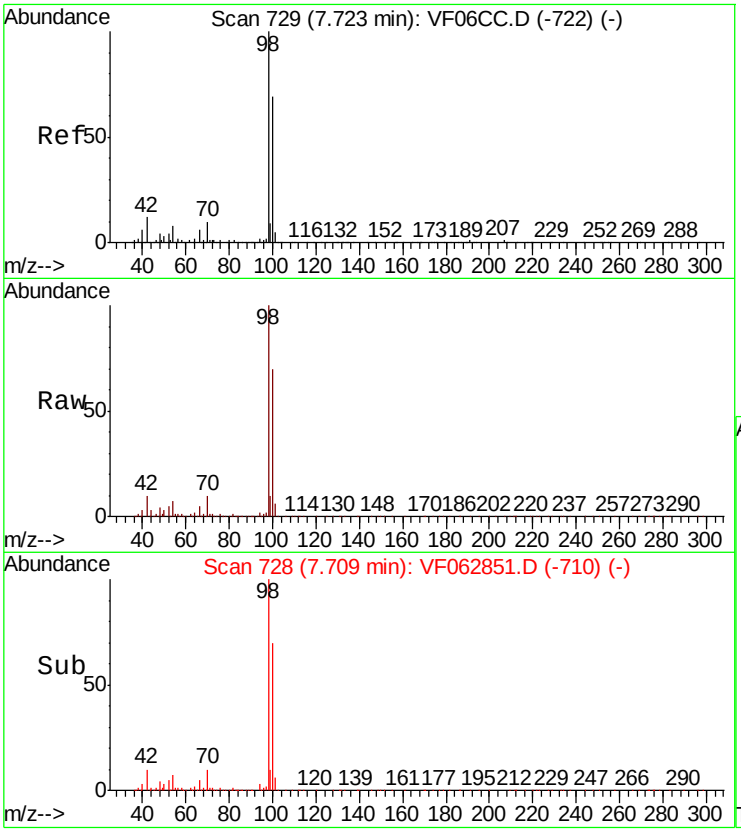


#49
1,4-Dioxane
Concen: 4.524 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 88 Resp: 173

Ion	Ratio	Lower	Upper
88	100		
43	214.2	34.8	52.2#
58	0.0	59.9	89.9#



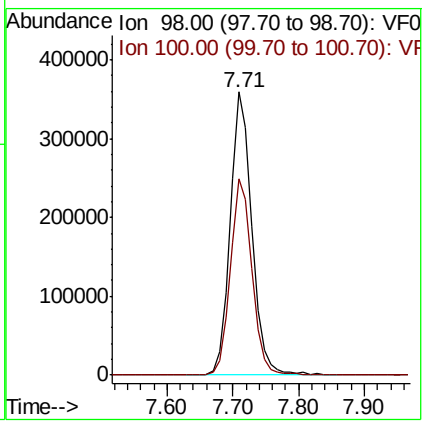


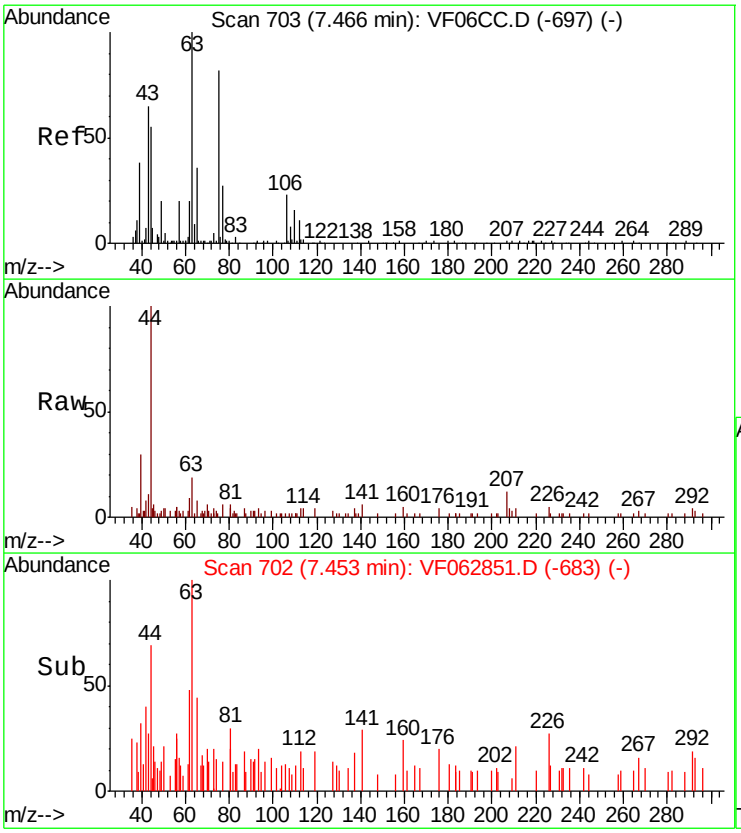
#50
Toluene-d8
Concen: 35.903 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 830726

Ion	Ratio	Lower	Upper
98	100		
100	69.5	59.8	89.8

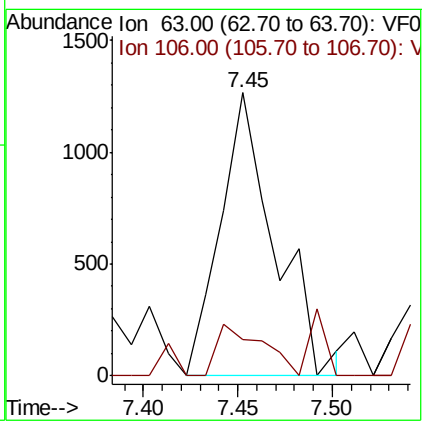


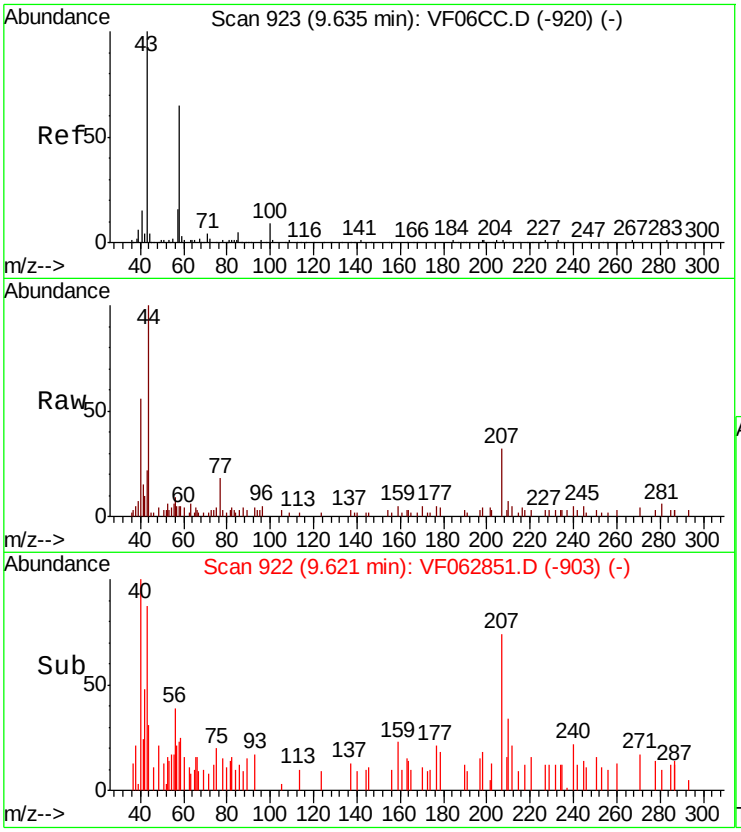


#58
2-Chloroethyl Vinyl ether
Concen: 1.288 ug/l
RT: 7.45 min Scan# 702
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 63 Resp: 2521

Ion	Ratio	Lower	Upper
63	100		
106	12.8	19.5	29.3#



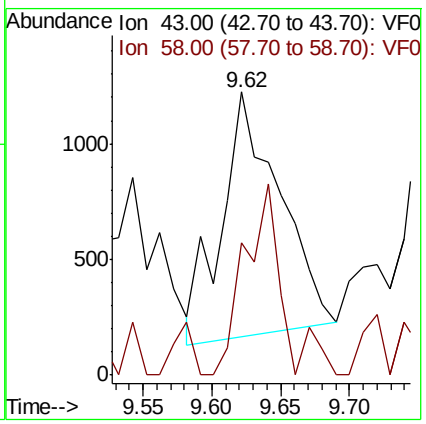


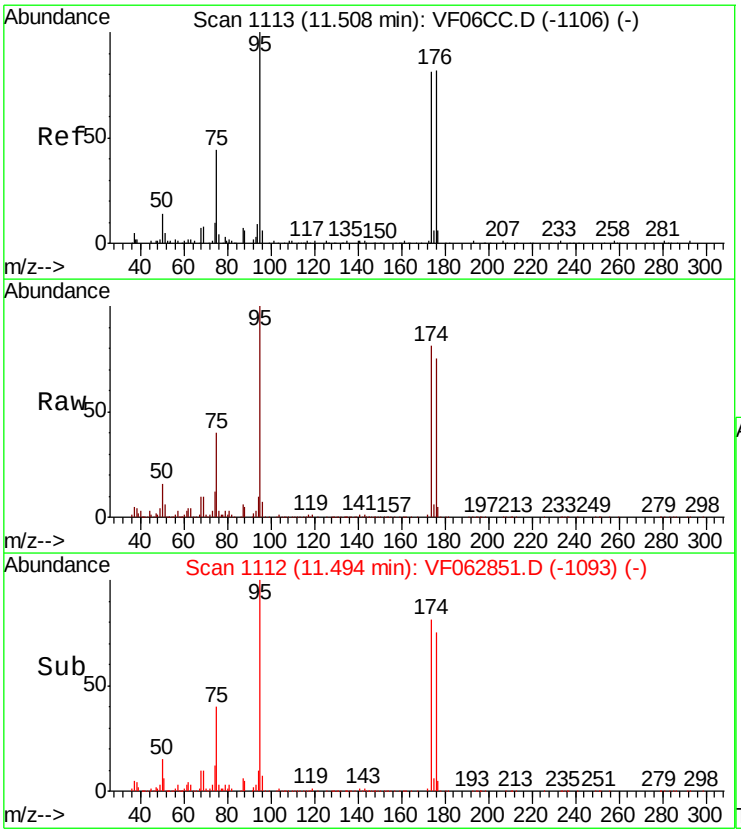
#59
2-Hexanone
Concen: 1.092 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3128

Ion	Ratio	Lower	Upper
43	100		
58	46.9	29.3	87.9

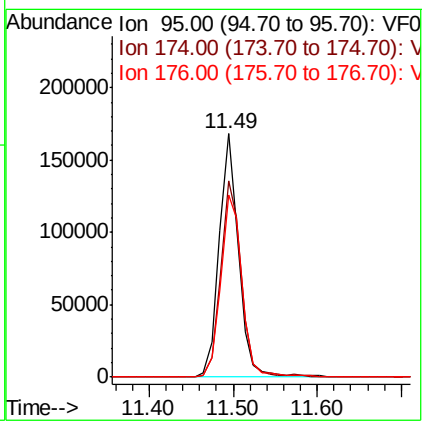


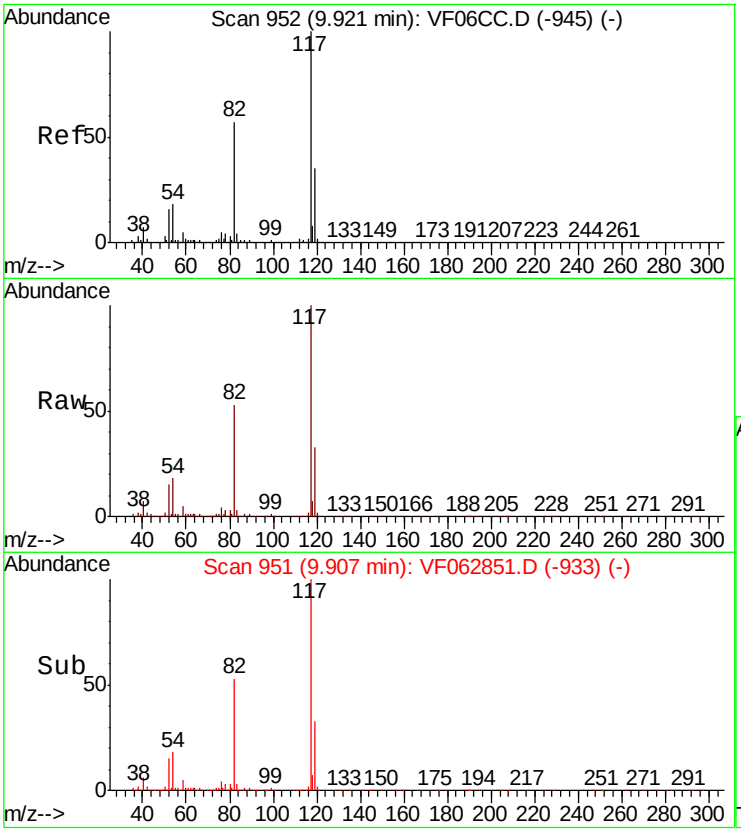


#62
4-Bromofluorobenzene
Concen: 32.391 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion: 95 Resp: 269591

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	170.6
176	74.8	0.0	170.6



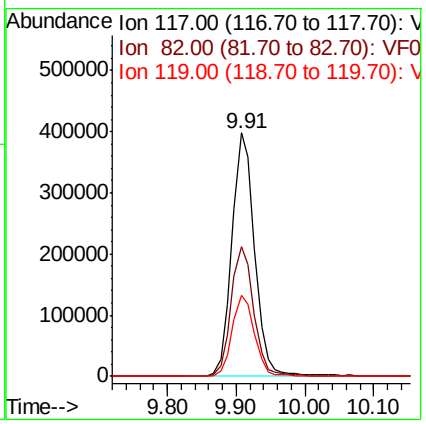


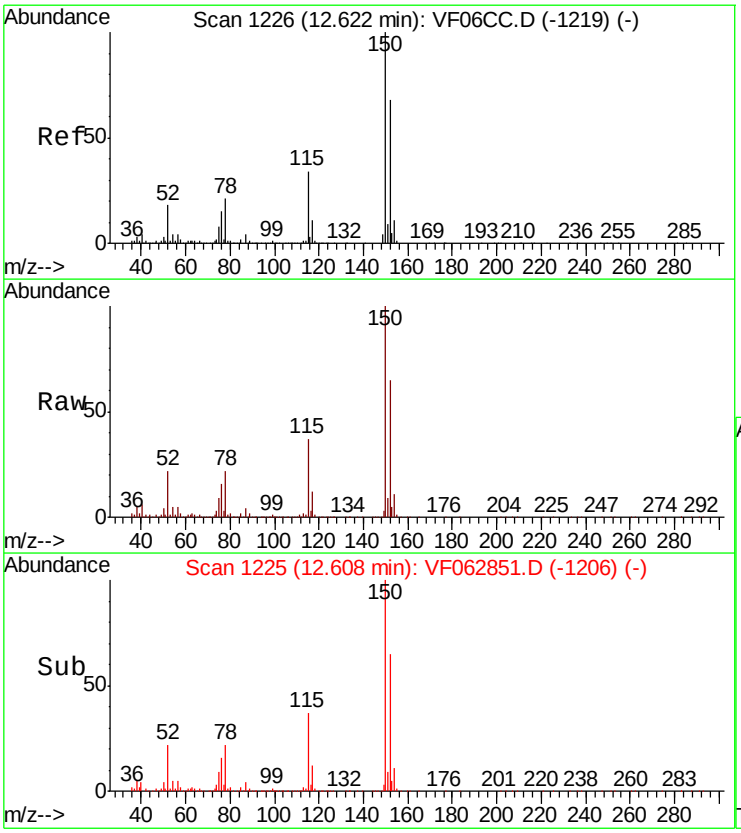
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 909565

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	33.1	27.1	40.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062851.D
Acq: 4 Jun 2019 20:57

Tgt Ion:152 Resp: 343089

Ion	Ratio	Lower	Upper
152	100		
115	56.6	24.6	74.0
150	154.0	0.0	290.6