Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052319\
Data File : VF062734.D
Acq On : 23 May 2019 18:38
Operator : FY/SY
Sample : K3019-07
Misc : 4.12g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 24 02:16:26 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	5.07	168	713547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1235678	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	943489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	399469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	219358	43.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.00%			
35) Dibromofluoromethane	4.32	113	407952	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.28%			
50) Toluene-d8	7.72	98	972567	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.16%			
62) 4-Bromofluorobenzene	11.50	95	352900	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.69	59	1609	4.833	ug/l #	1
13) Acrolein	2.06	56	1200	3.453	ug/l	86
16) Acetone	2.36	43	103540	79.151	ug/l	92
18) Methyl Acetate	2.46	43	21154	10.291	ug/l #	76
20) Methylene Chloride	2.37	84	9321	1.422	ug/l #	69
25) 2-Butanone	4.54	43	3020	1.081	ug/l #	84
29) Tetrahydrofuran	4.28	42	1212	1.072	ug/l #	30
49) 1,4-Dioxane	6.90	88	688	15.344	ug/l #	62
51) 4-Methyl-2-Pentanone	8.41	43	5397	1.179	ug/l #	73
52) Toluene	7.79	92	19960	1.103	ug/l	84
59) 2-Hexanone	9.63	43	3540	Below Cal		88
74) N-amyl acetate	11.44	43	2828	Below Cal #		47
84) 1,2,4-Trimethylbenzene	12.27	105	24835	1.118	ug/l	91

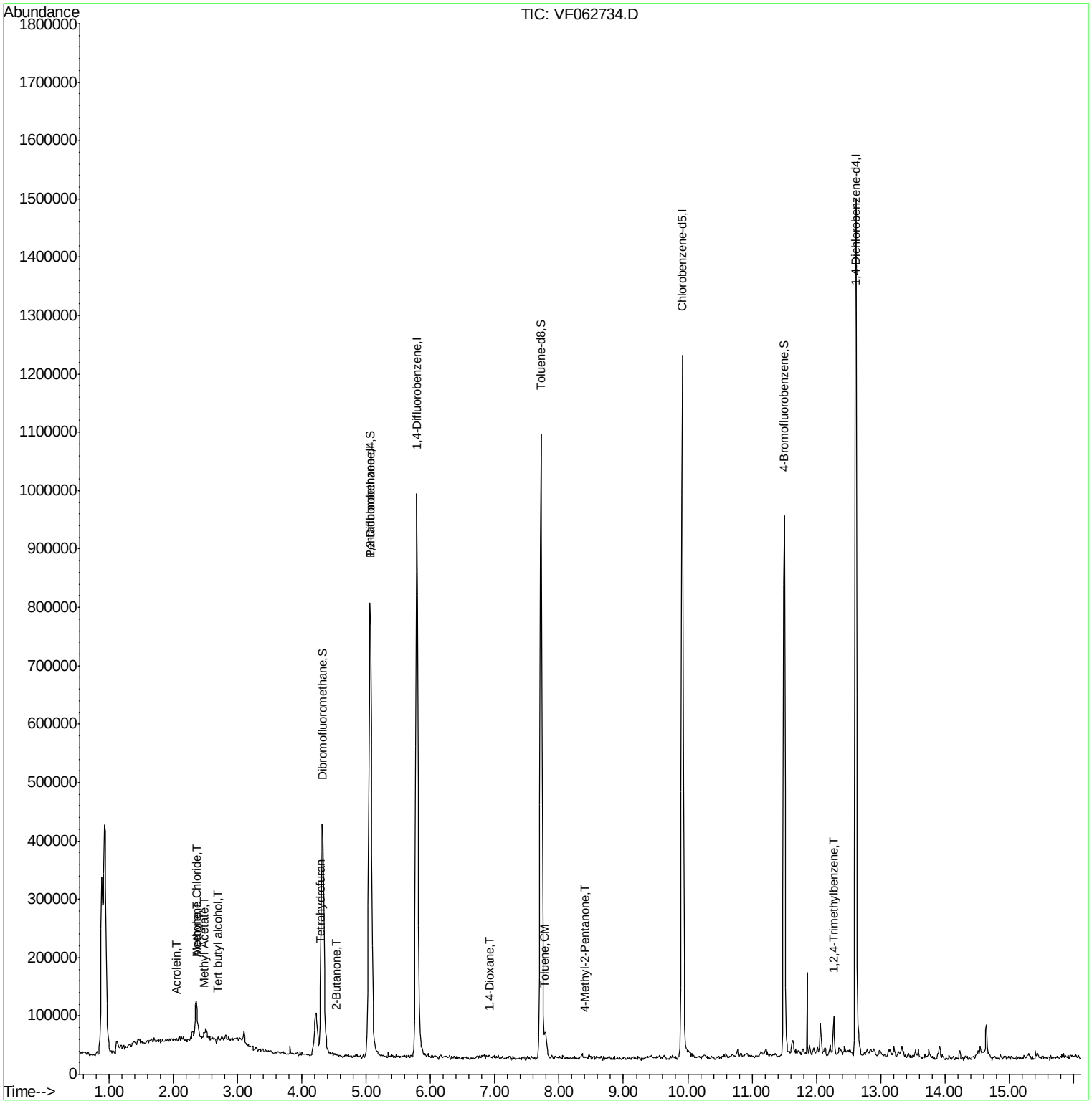
(#) = qualifier out of range (m) = manual integration (+) = signals summed

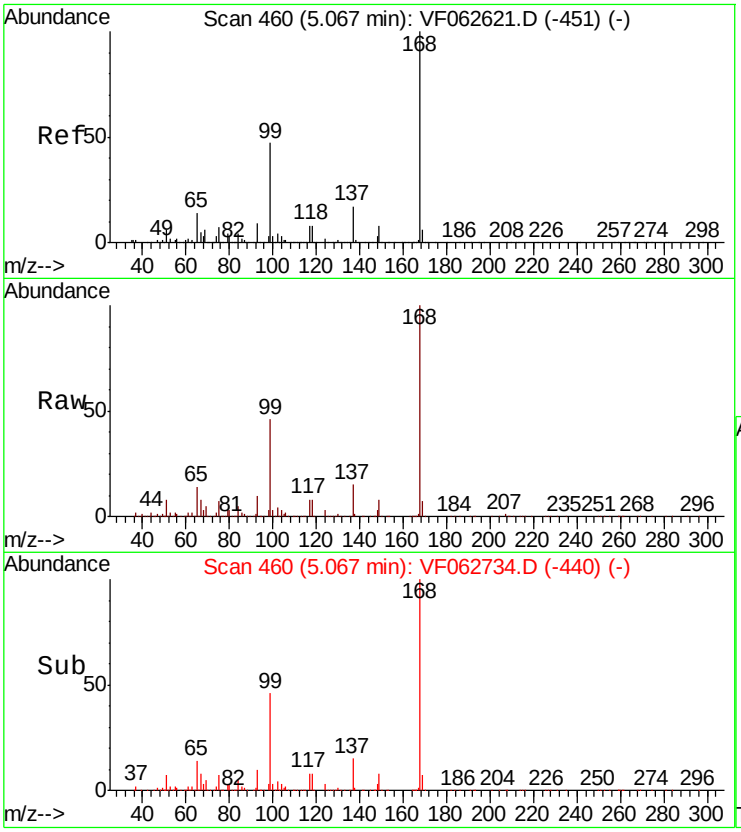
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052319\
Data File : VF062734.D
Acq On : 23 May 2019 18:38
Operator : FY/SY
Sample : K3019-07
Misc : 4.12g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 24 02:16:26 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



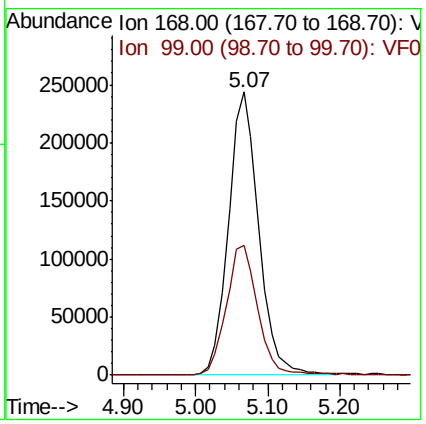


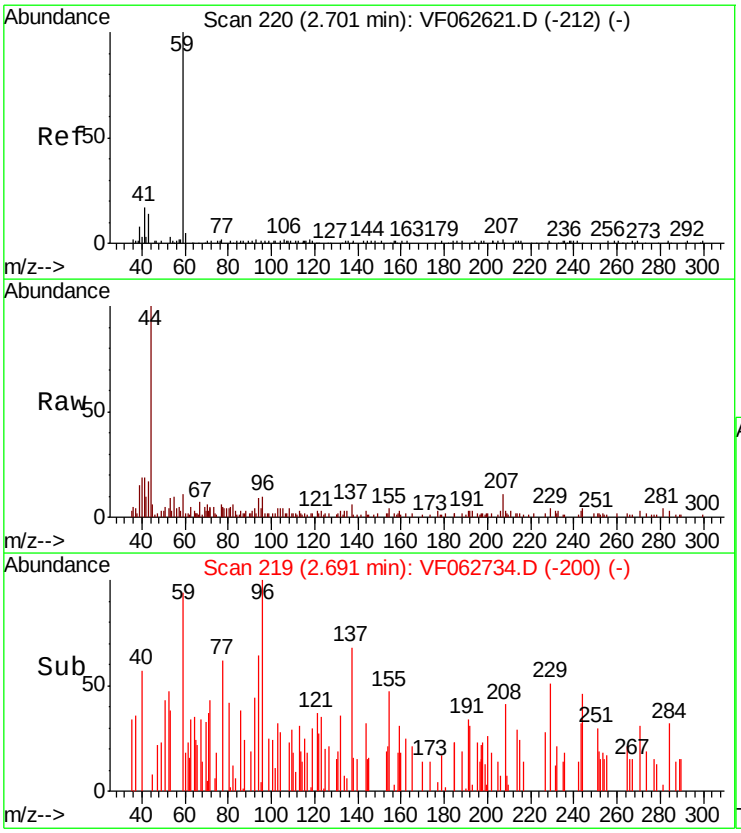
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 713547

Ion	Ratio	Lower	Upper
168	100		
99	45.9	37.8	56.8

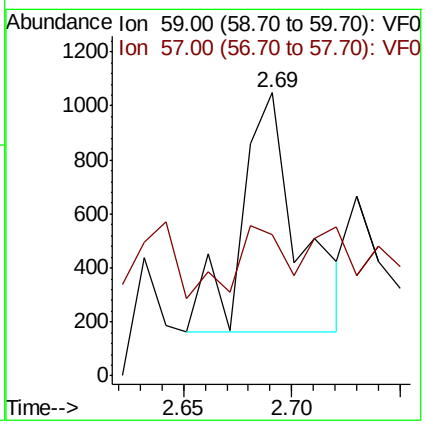


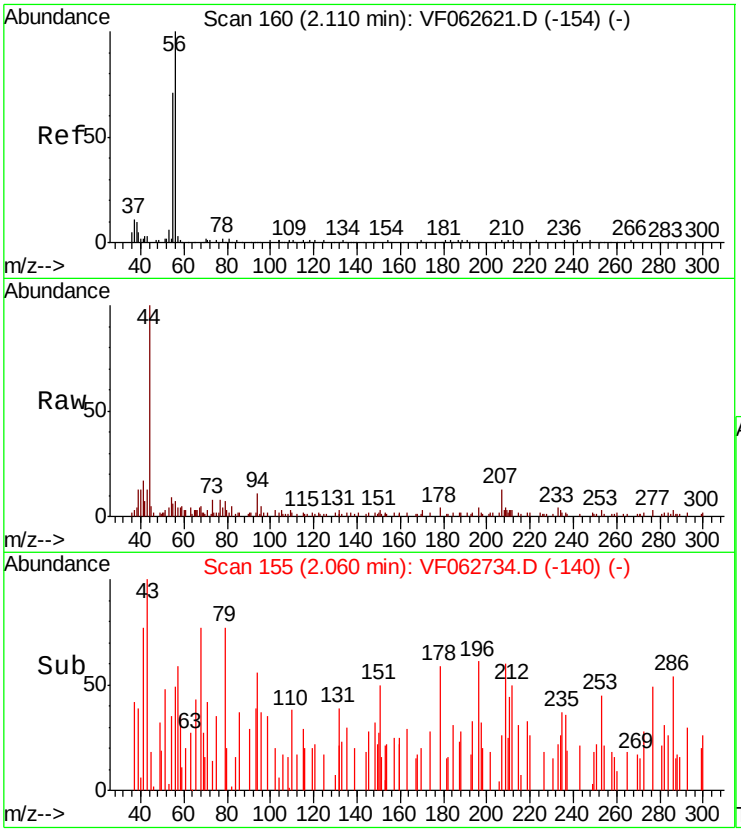


#11
Tert butyl alcohol
Concen: 4.833 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 59 Resp: 1609

Ion	Ratio	Lower	Upper
59	100		
57	50.0	9.3	13.9#



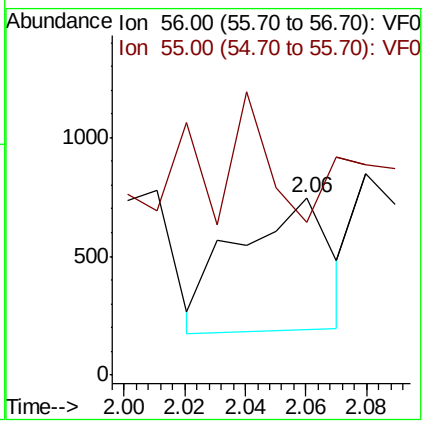


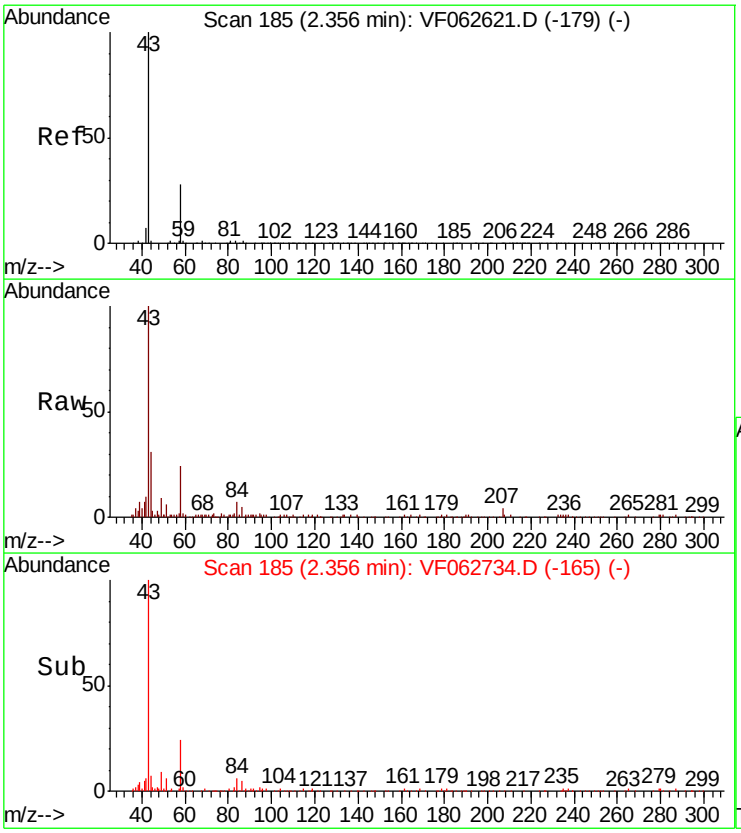
#13
Acrolein
Concen: 3.453 ug/l
RT: 2.06 min Scan# 155
Delta R.T. -0.05 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 1200

Ion	Ratio	Lower	Upper
56	100		
55	86.5	59.4	89.0

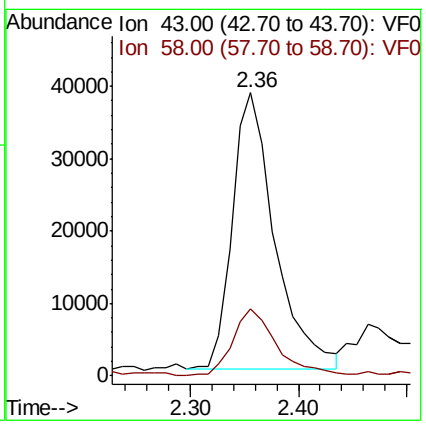


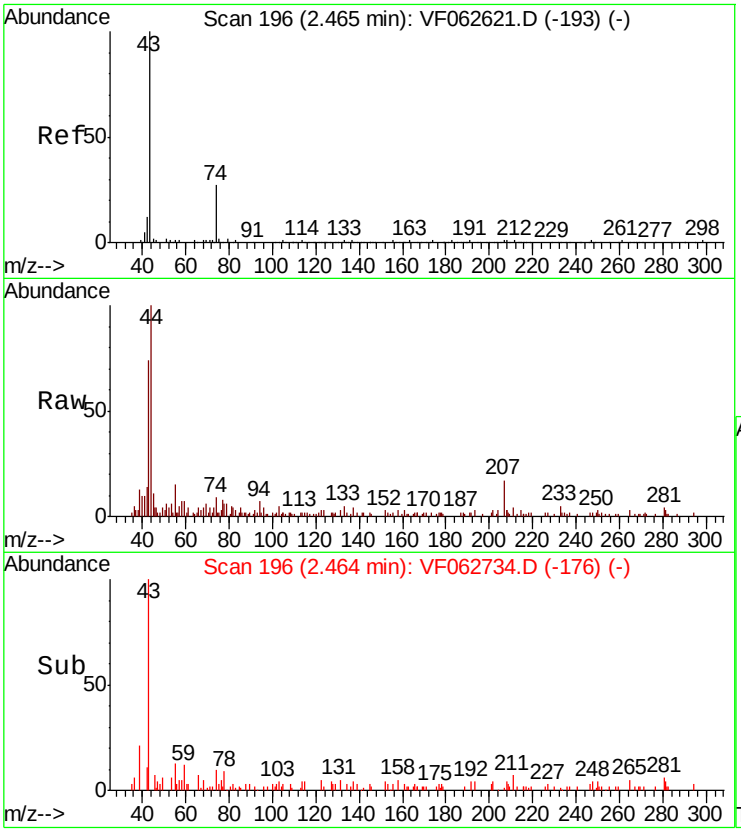


#16
Acetone
Concen: 79.151 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 103540

Ion	Ratio	Lower	Upper
43	100		
58	23.7	22.6	33.8



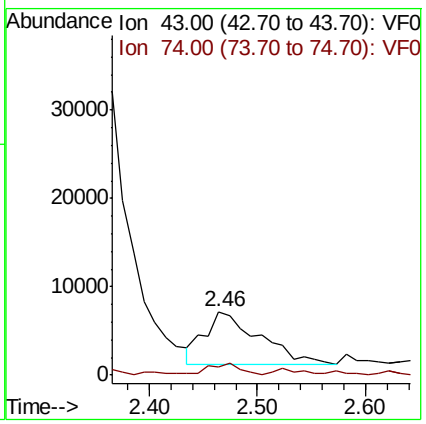


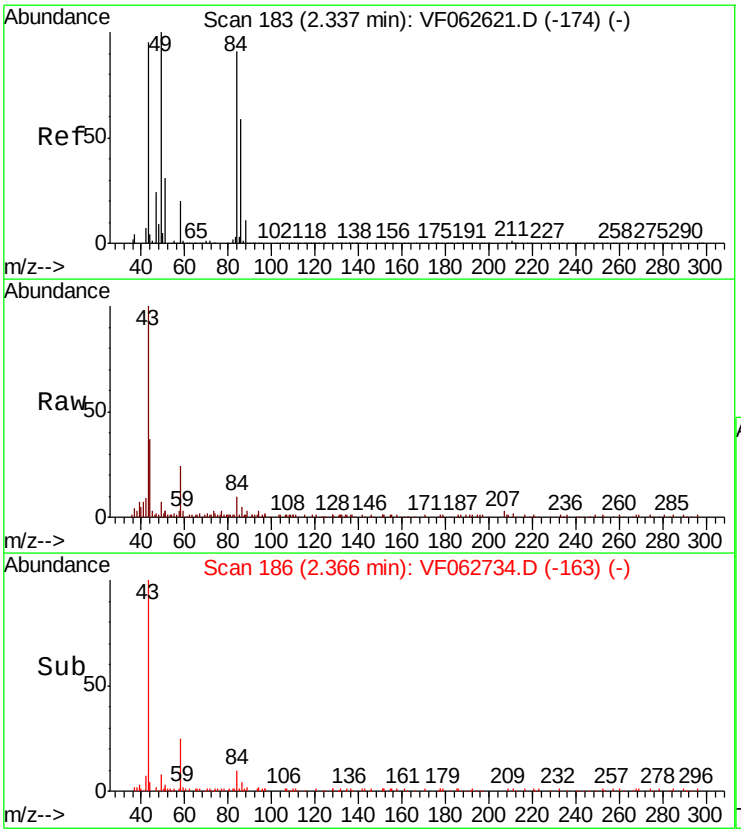
#18
Methyl Acetate
Concen: 10.291 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 21154

Ion	Ratio	Lower	Upper
43	100		
74	12.0	18.9	28.3#

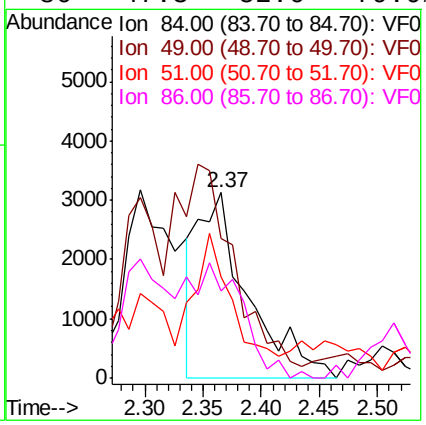


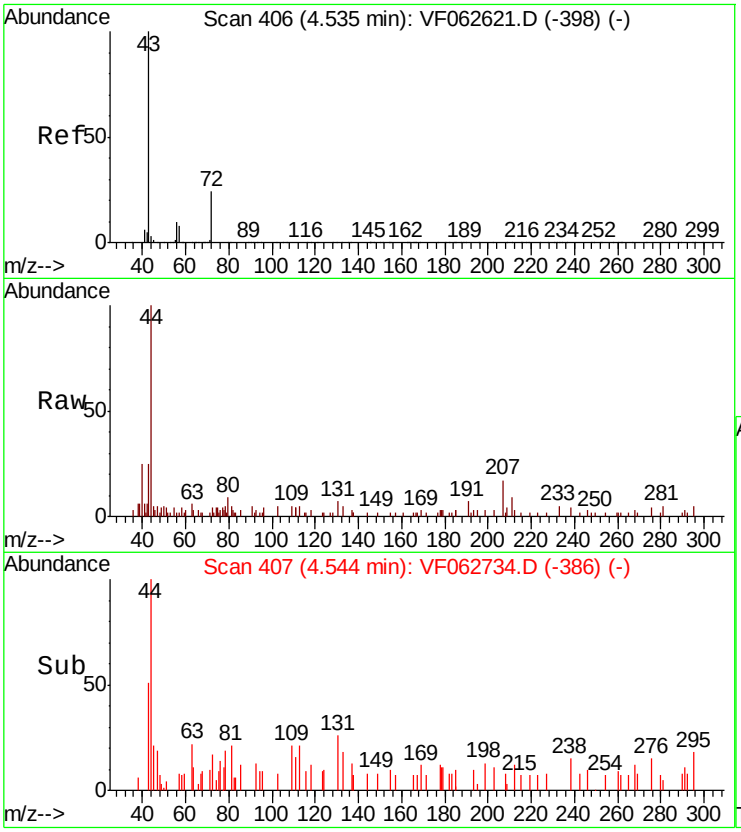


#20
Methylene Chloride
Concen: 1.422 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.03 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 84 Resp: 9321

Ion	Ratio	Lower	Upper
84	100		
49	75.1	89.8	134.8#
51	54.9	28.4	42.6#
86	47.3	52.6	79.0#



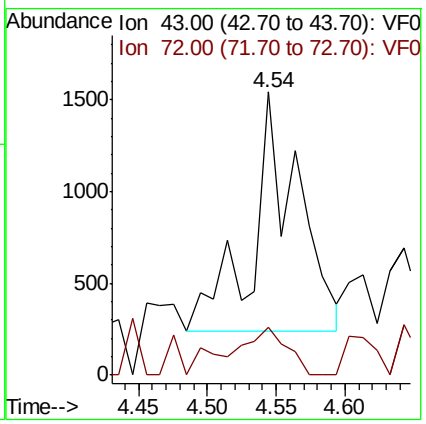


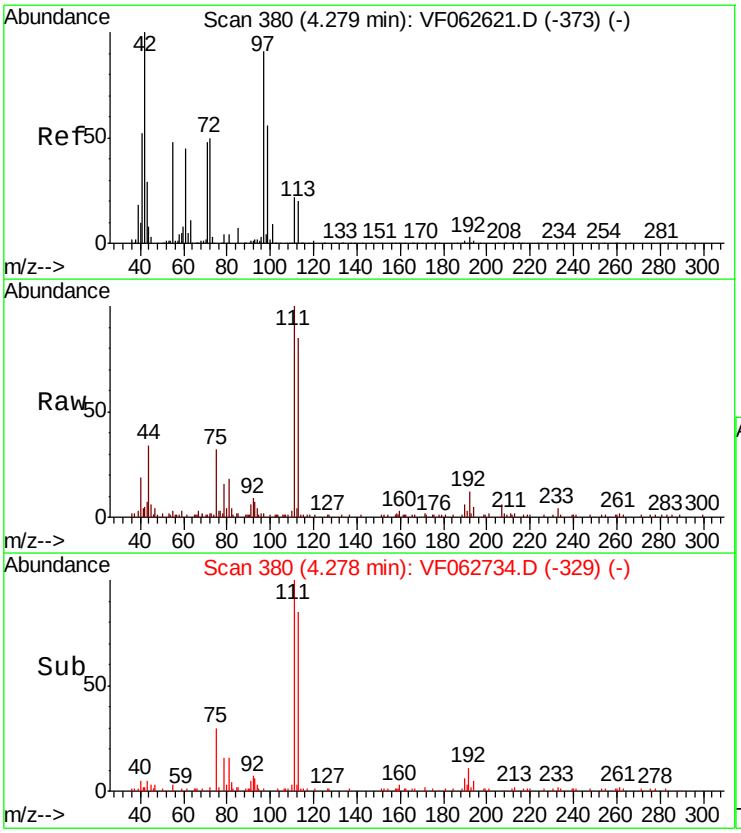
#25
2-Butanone
Concen: 1.081 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3020

Ion	Ratio	Lower	Upper
43	100		
72	17.0	20.1	30.1#

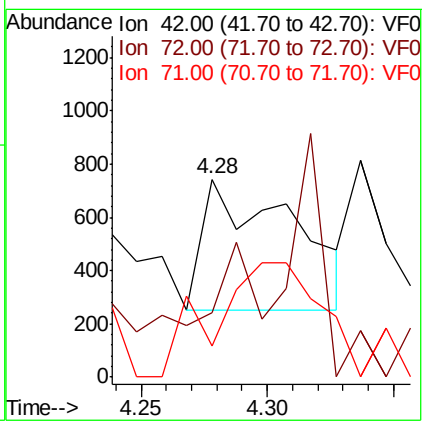


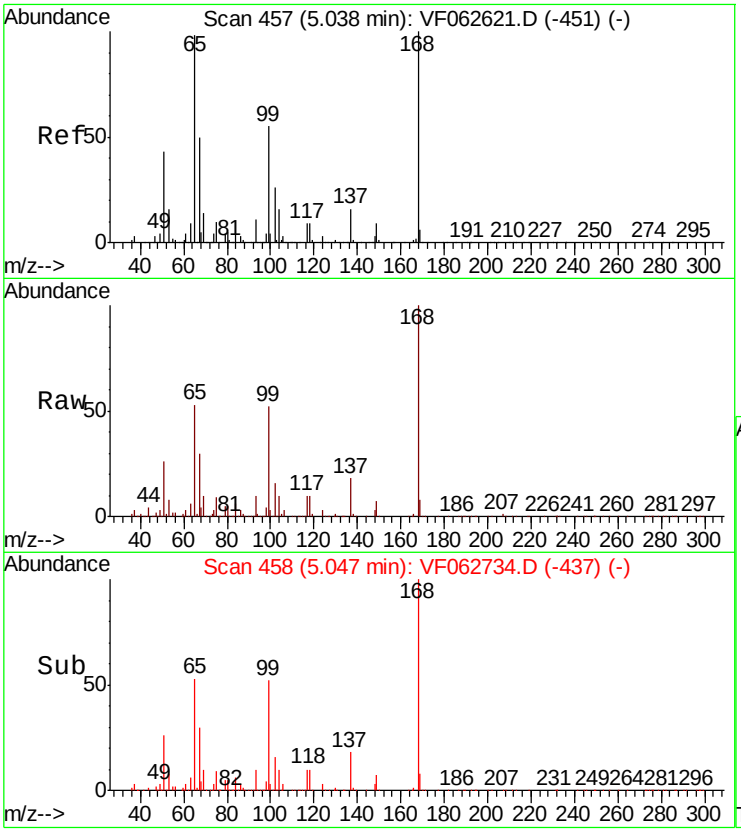


#29
Tetrahydrofuran
Concen: 1.072 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 42 Resp: 1212

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.2#
71	0.0	35.8	53.6#



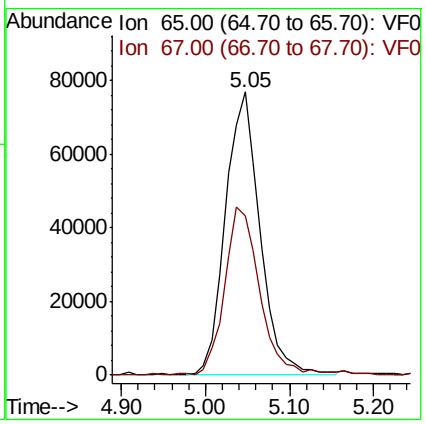


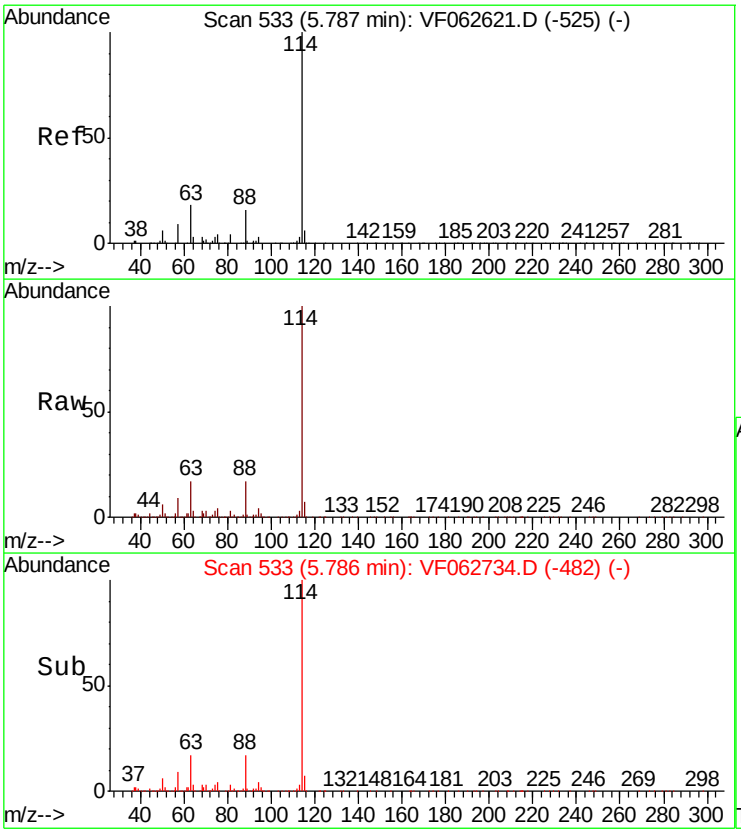
#33
1,2-Dichloroethane-d4
Concen: 43.504 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.01 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 219358

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	117.6

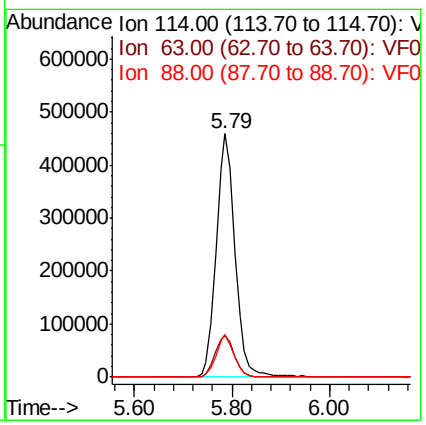


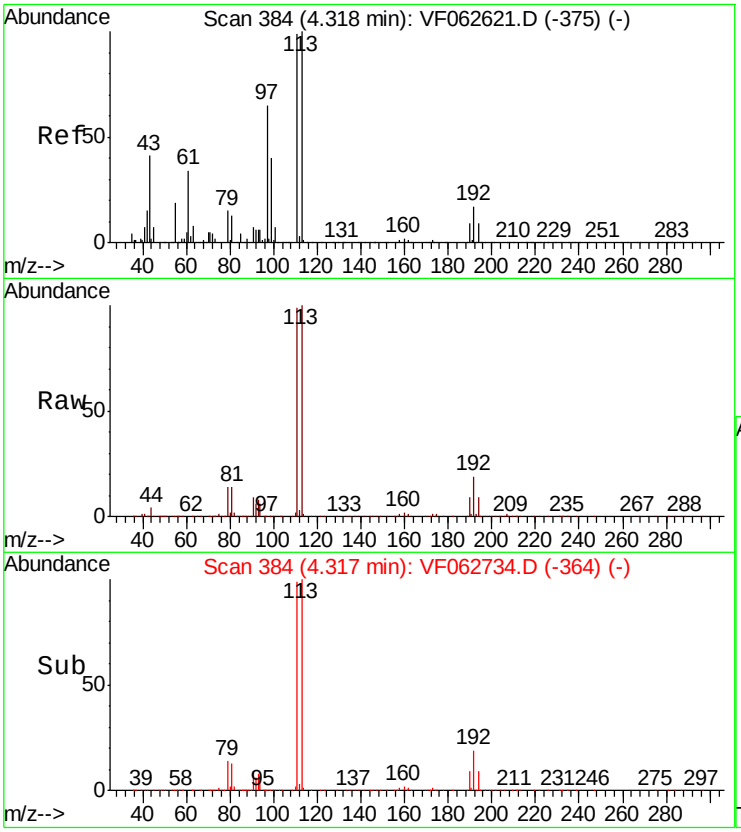


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion:114 Resp: 1235678

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.4
88	17.4	0.0	32.4



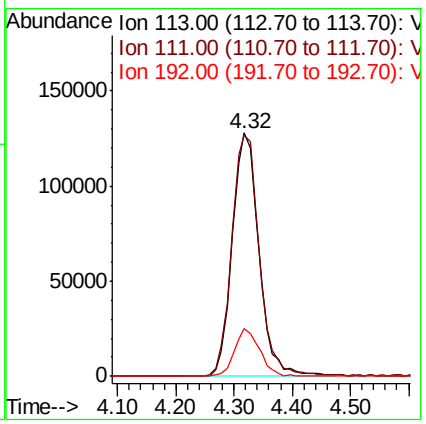


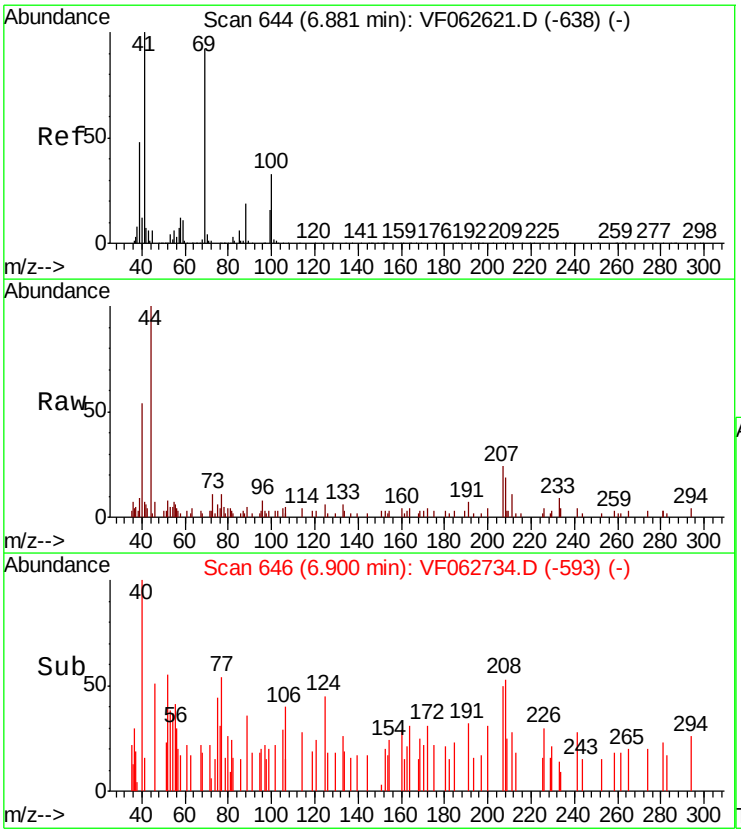
#35
Dibromofluoromethane
Concen: 43.145 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 407952

Ion	Ratio	Lower	Upper
113	100		
111	98.8	79.4	119.2
192	19.7	13.4	20.2

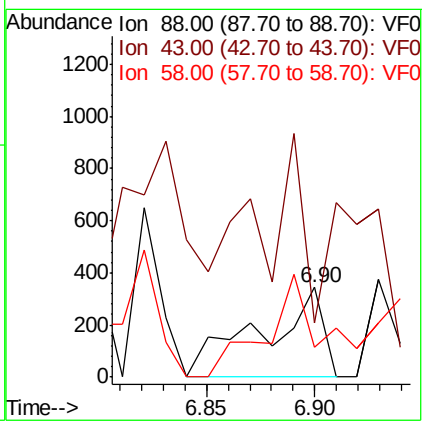


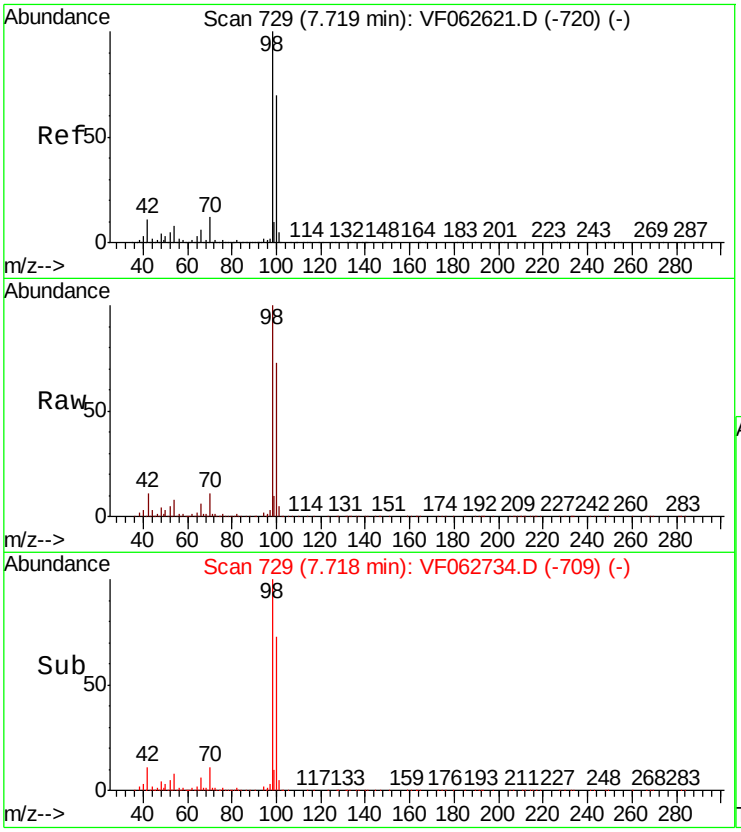


#49
1,4-Dioxane
Concen: 15.344 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.02 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 88 Resp: 688

Ion	Ratio	Lower	Upper
88	100		
43	60.0	30.0	45.0#
58	33.9	51.1	76.7#



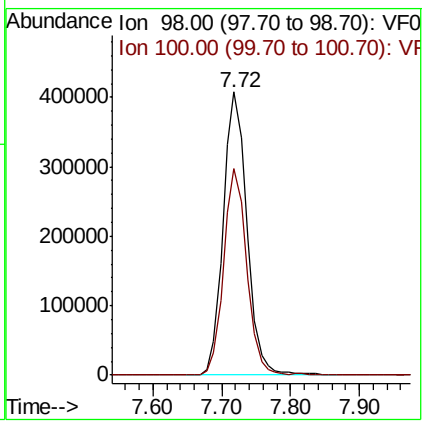


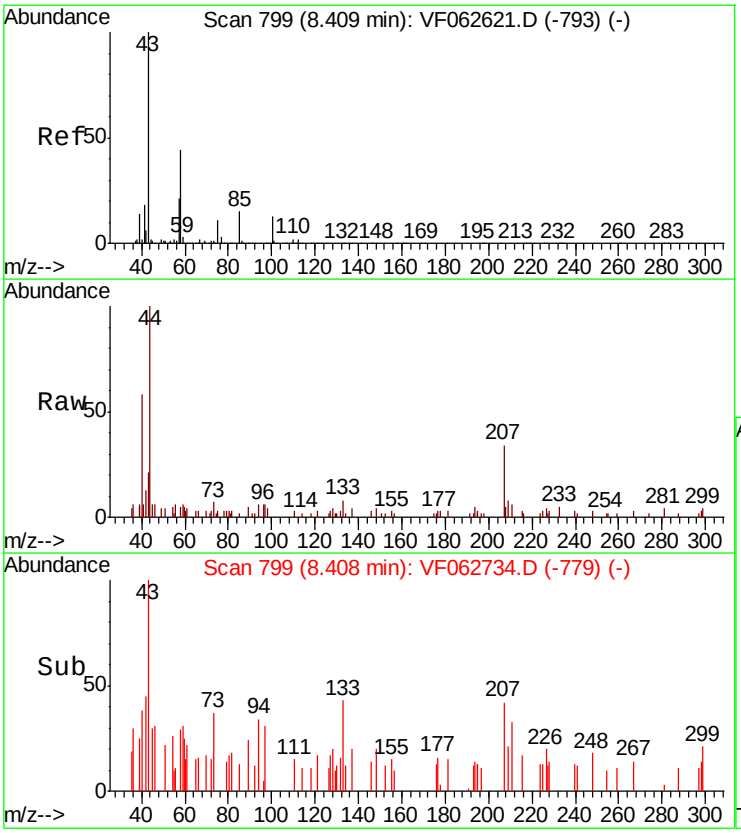
#50
Toluene-d8
Concen: 43.080 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 972567

Ion	Ratio	Lower	Upper
98	100		
100	72.8	56.2	84.2

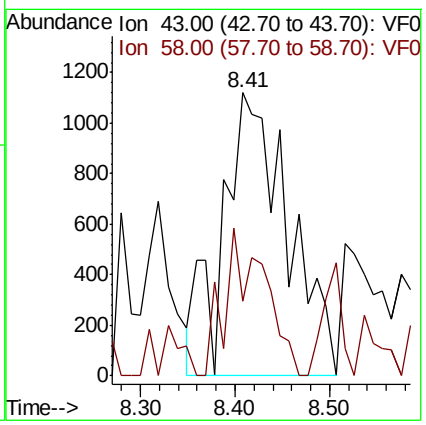


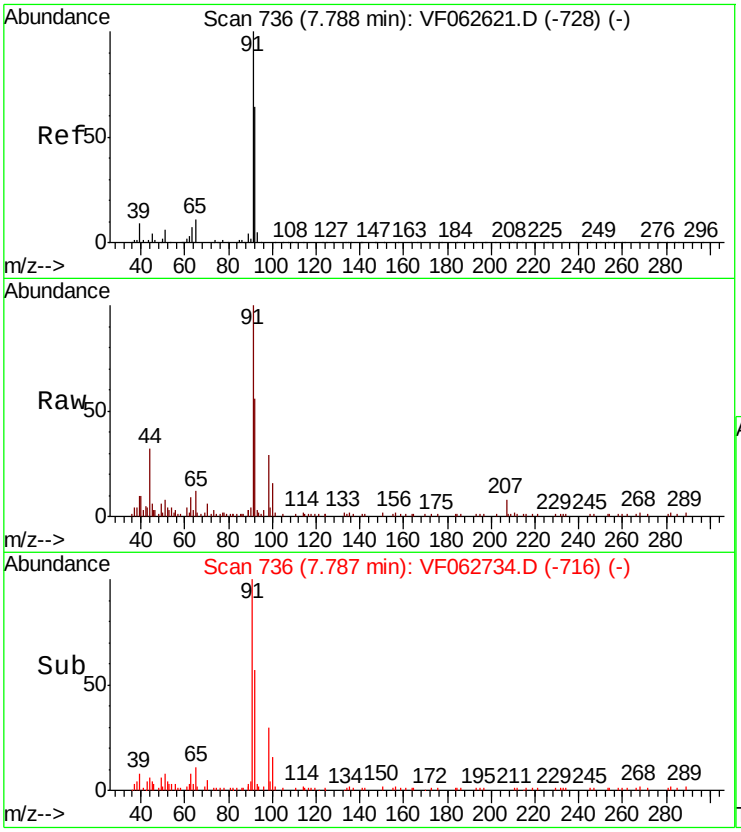


#51
4-Methyl-2-Pentanone
Concen: 1.179 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 5397

Ion	Ratio	Lower	Upper
43	100		
58	26.2	34.9	52.3#



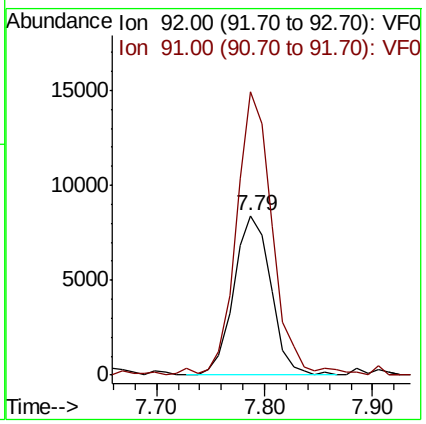


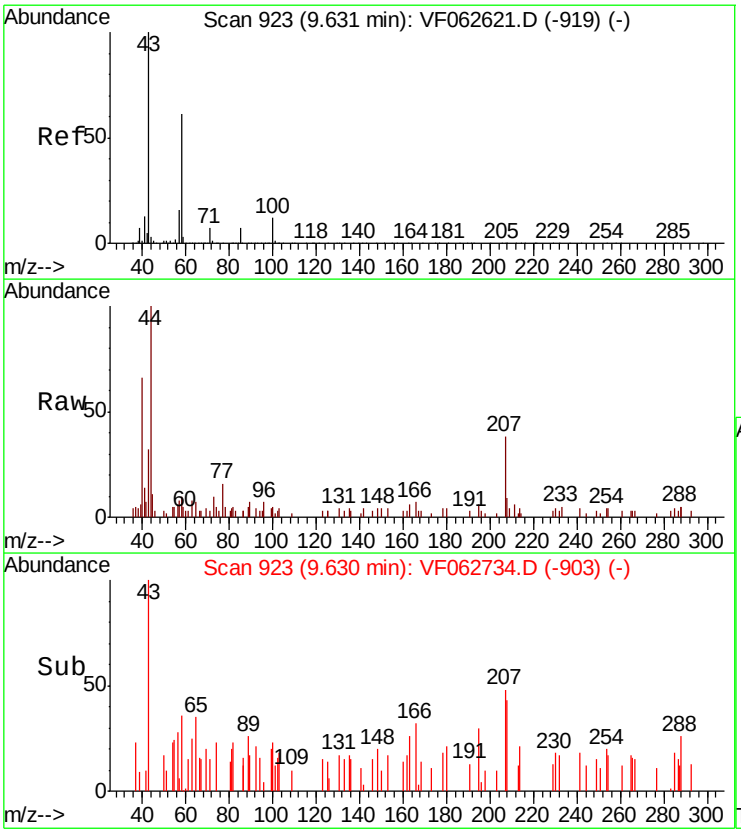
#52
Toluene
Concen: 1.103 ug/l
RT: 7.79 min Scan# 736
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 19960

Ion	Ratio	Lower	Upper
92	100		
91	177.6	125.4	188.0

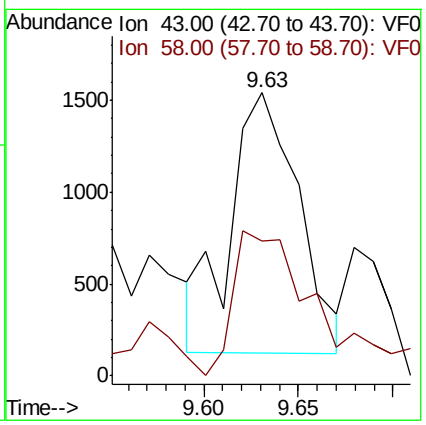


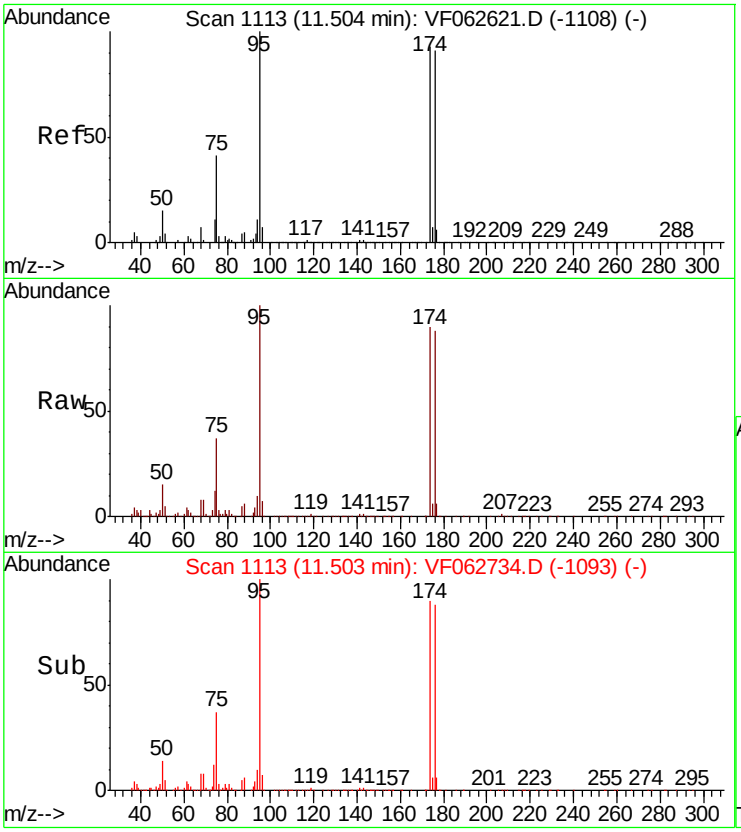


#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 3540

Ion	Ratio	Lower	Upper
43	100		
58	47.7	28.1	84.4



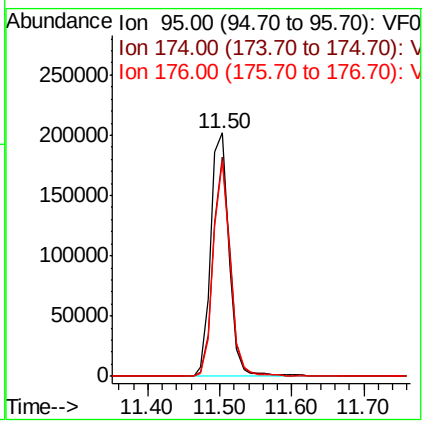


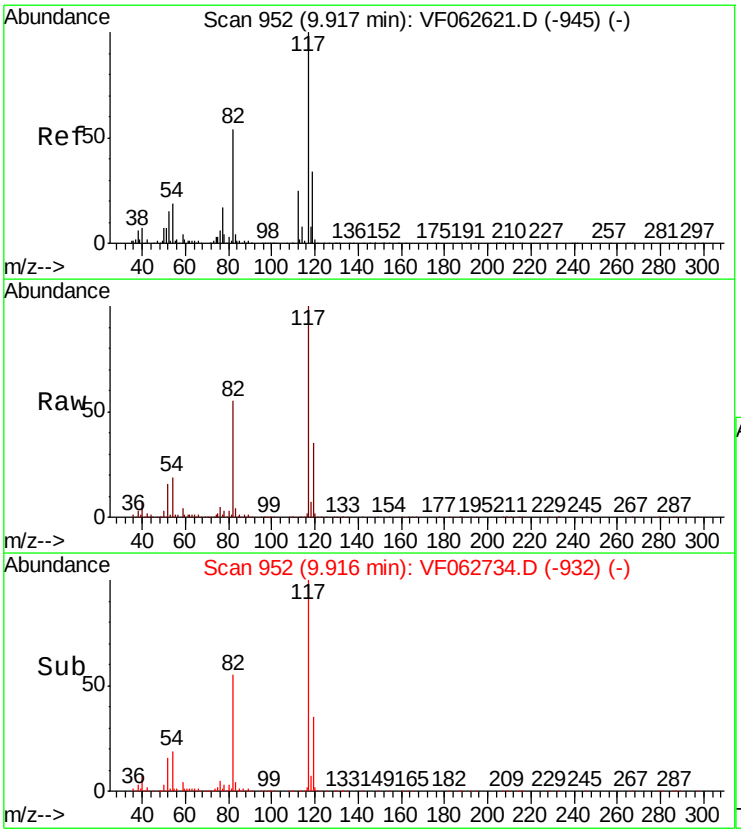
#62
4-Bromofluorobenzene
Concen: 41.215 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 352900

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	185.6
176	88.5	0.0	182.4

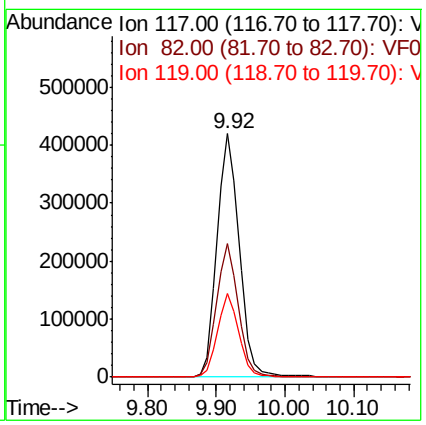


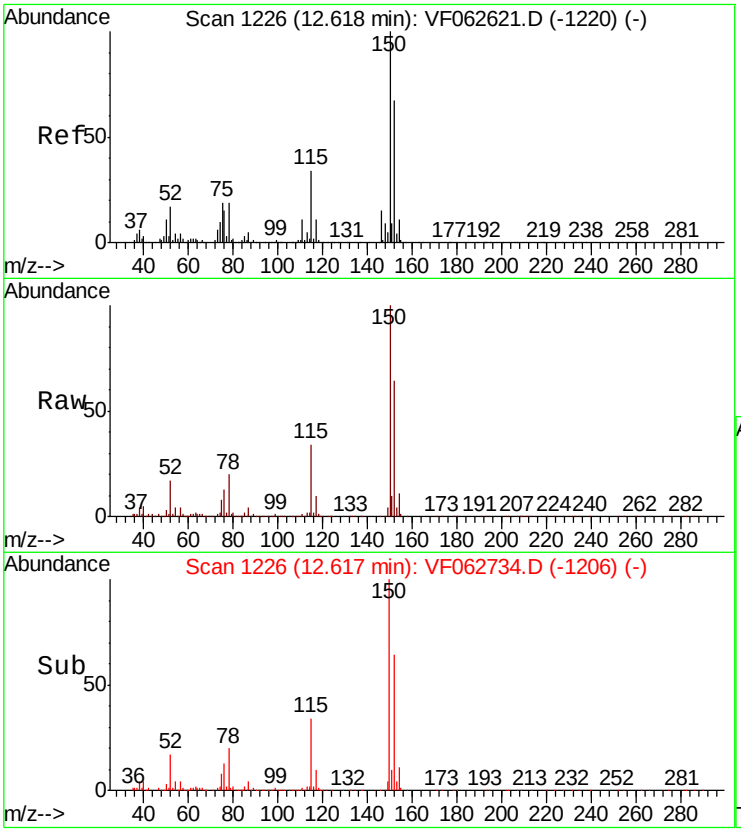


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion:117 Resp: 943489

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	34.5	27.4	41.0



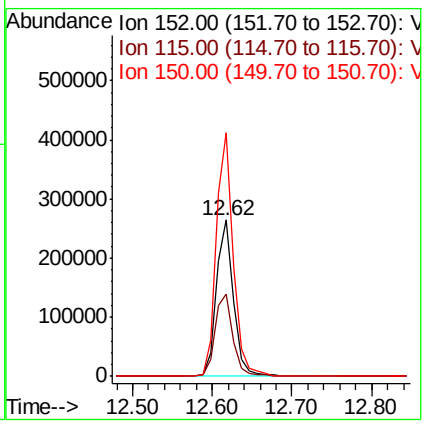


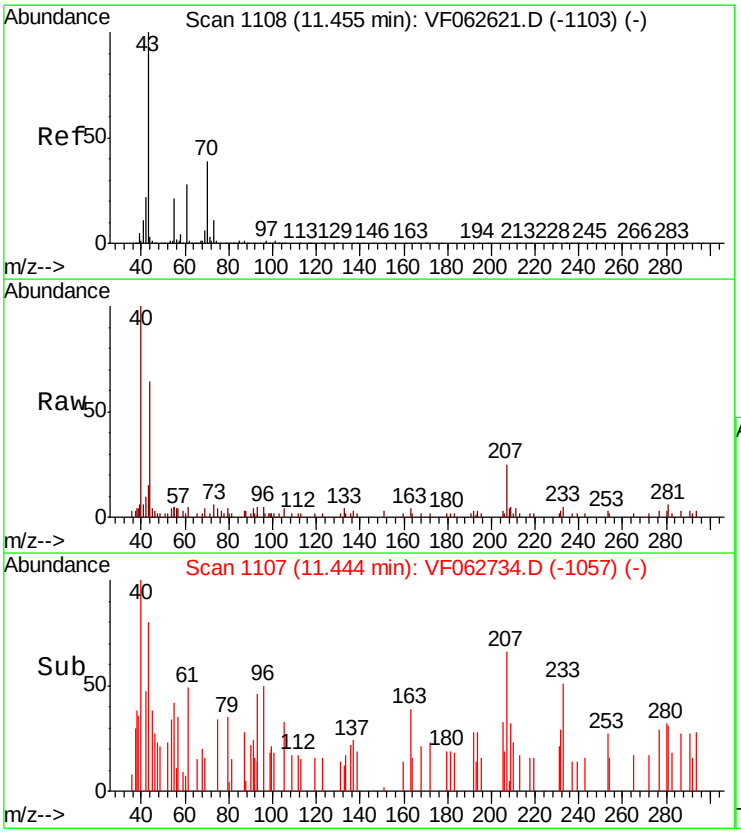
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 399469

Ion	Ratio	Lower	Upper
152	100		
115	52.5	25.2	75.6
150	155.7	0.0	306.2

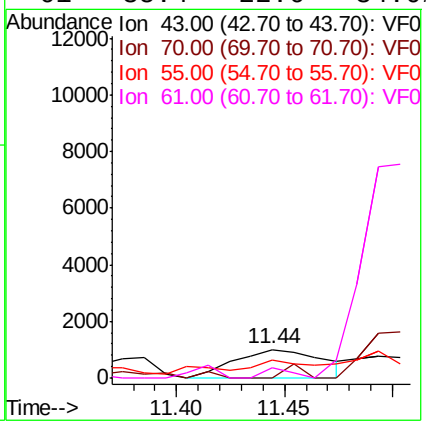


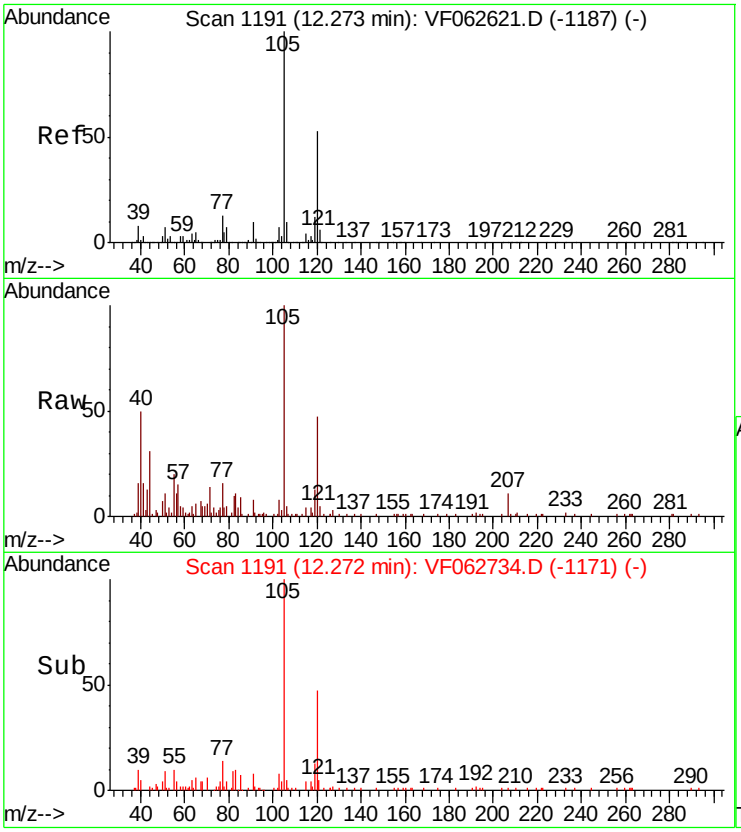


#74
N-amyl acetate
Concen: Below Cal
RT: 11.44 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 2828

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	62.6	17.0	25.4#
61	35.4	22.6	34.0#





#84
1,2,4-Trimethylbenzene
Concen: 1.118 ug/l
RT: 12.27 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VF062734.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 24835

Ion	Ratio	Lower	Upper
105	100		
120	47.0	26.7	80.1