Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100318\
Data File : VF060425.D
Acq On : 3 Oct 2018 20:07
Operator : VA/AP
Sample : J5192-01
Misc : 6.12/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Quant Time: Oct 04 05:23:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	267099	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	452410	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	352211	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	164870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	154877	37.06	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.12%			
35) Dibromofluoromethane	4.27	113	165709	38.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 77.98%			
50) Toluene-d8	7.68	98	335225	32.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.06%			
62) 4-Bromofluorobenzene	11.50	95	136560	28.57	ug/l	0.01
Spiked Amount 50.000			Recovery = 57.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.05	85	280	Below Cal		76
8) Diethyl Ether	1.69	74	2246	1.872	ug/l	75
11) Tert butyl alcohol	2.68	59	519	2.053	ug/l #	1
13) Acrolein	2.03	56	262	1.289	ug/l #	19
15) Acrylonitrile	3.04	53	1519	3.507	ug/l #	31
16) Acetone	2.32	43	25634	6.711	ug/l	100
18) Methyl Acetate	2.42	43	2274	Below Cal #		57
20) Methylene Chloride	2.26	84	11752	Below Cal		92
25) 2-Butanone	4.49	43	2608	2.410	ug/l #	68
29) Tetrahydrofuran	4.23	42	188	Below Cal #		1
49) 1,4-Dioxane	6.88	88	82	5.133	ug/l #	36
51) 4-Methyl-2-Pentanone	8.38	43	3544	1.929	ug/l	90
59) 2-Hexanone	9.62	43	3440	2.552	ug/l	82

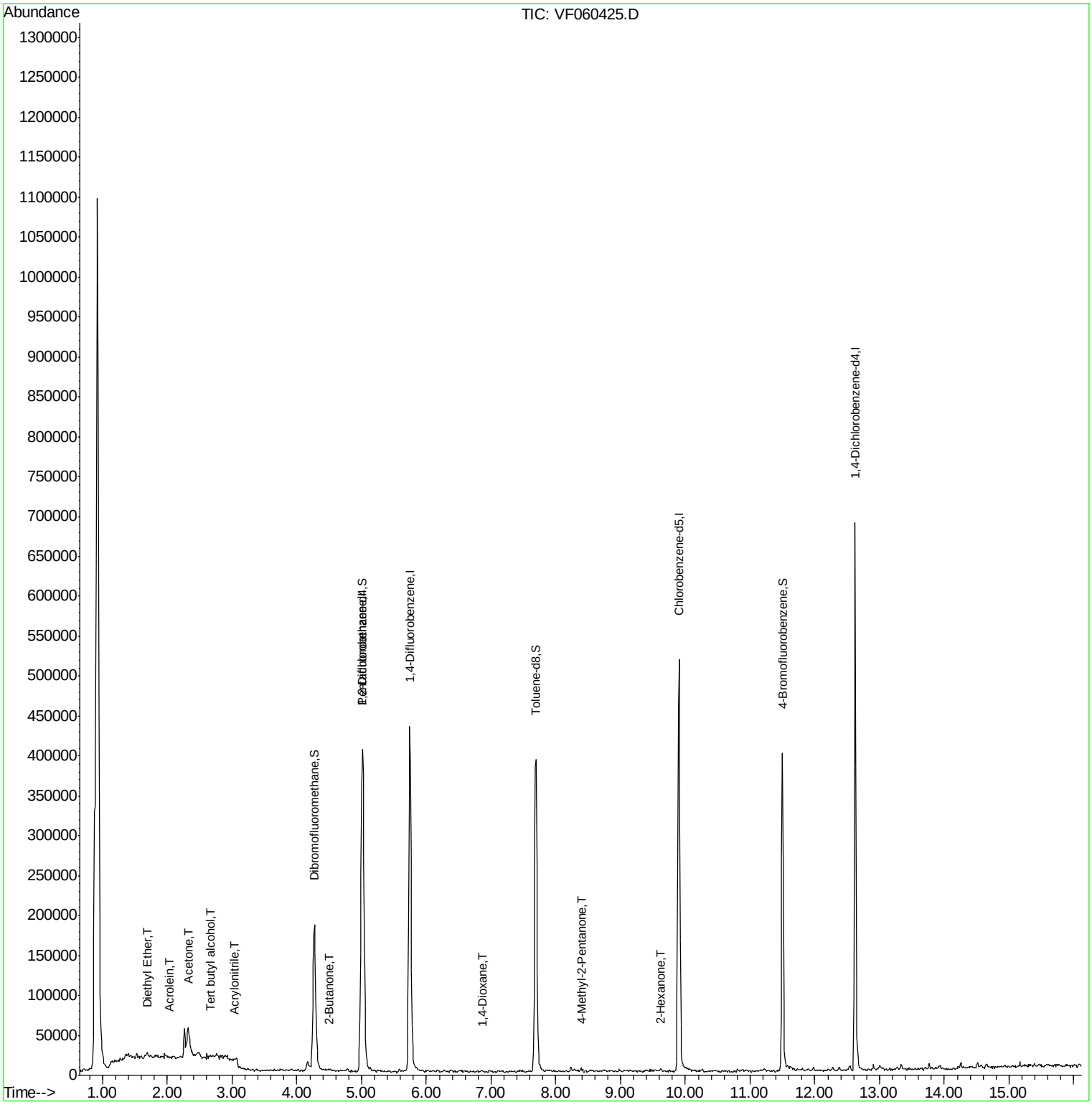
(#) = qualifier out of range (m) = manual integration (+) = signals summed

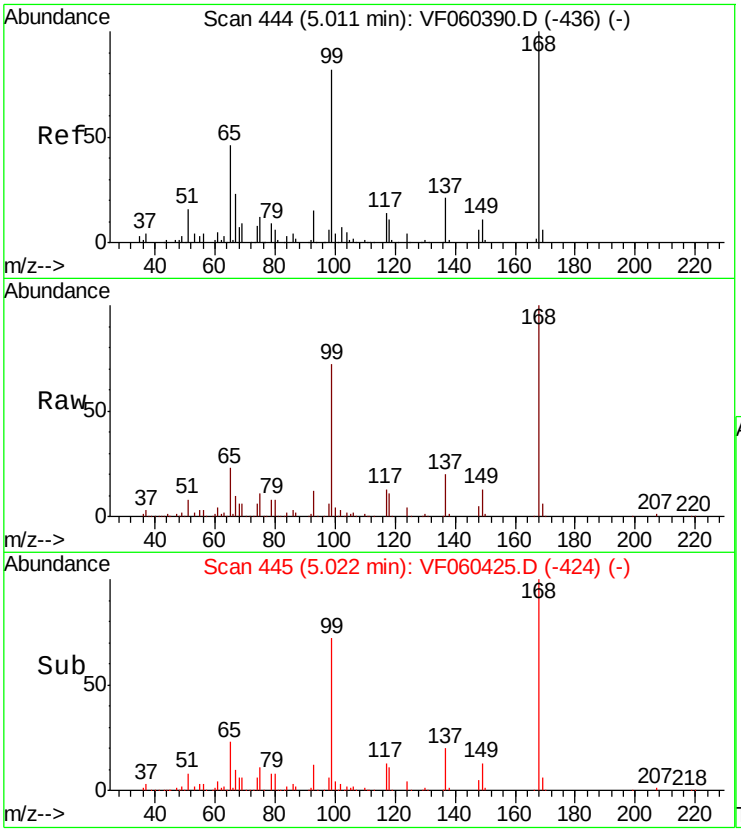
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060425.D
Acq On : 3 Oct 2018 20:07
Operator : VA/AP
Sample : J5192-01
Misc : 6.12/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Quant Time: Oct 04 05:23:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



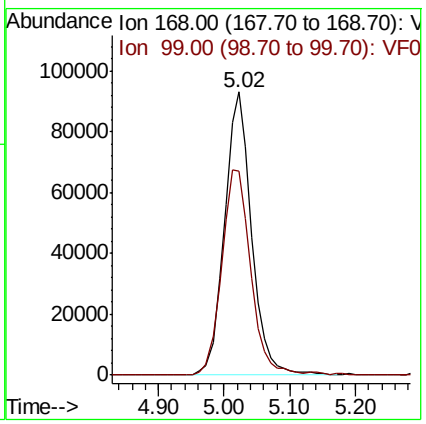


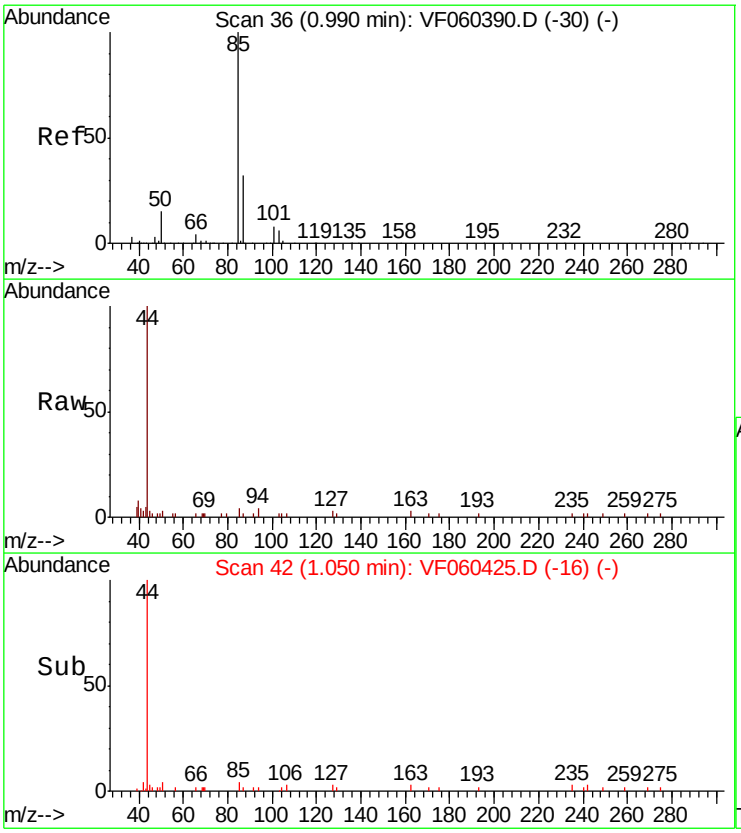
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion:168 Resp: 267099

Ion	Ratio	Lower	Upper
168	100		
99	72.0	65.3	97.9

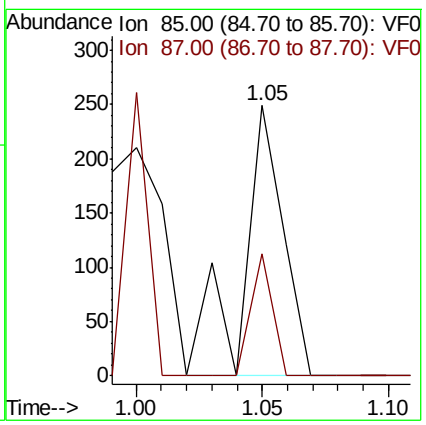


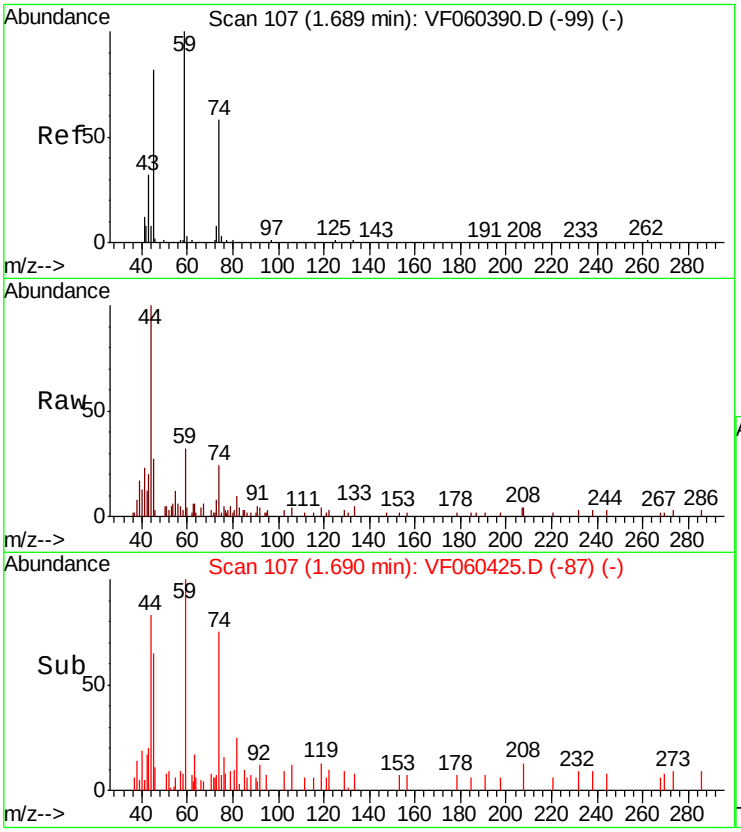


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.05 min Scan# 42
Delta R.T. 0.06 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 85 Resp: 280

Ion	Ratio	Lower	Upper
85	100		
87	45.0	15.9	47.6



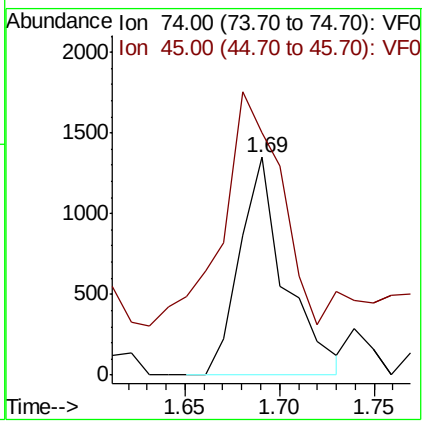


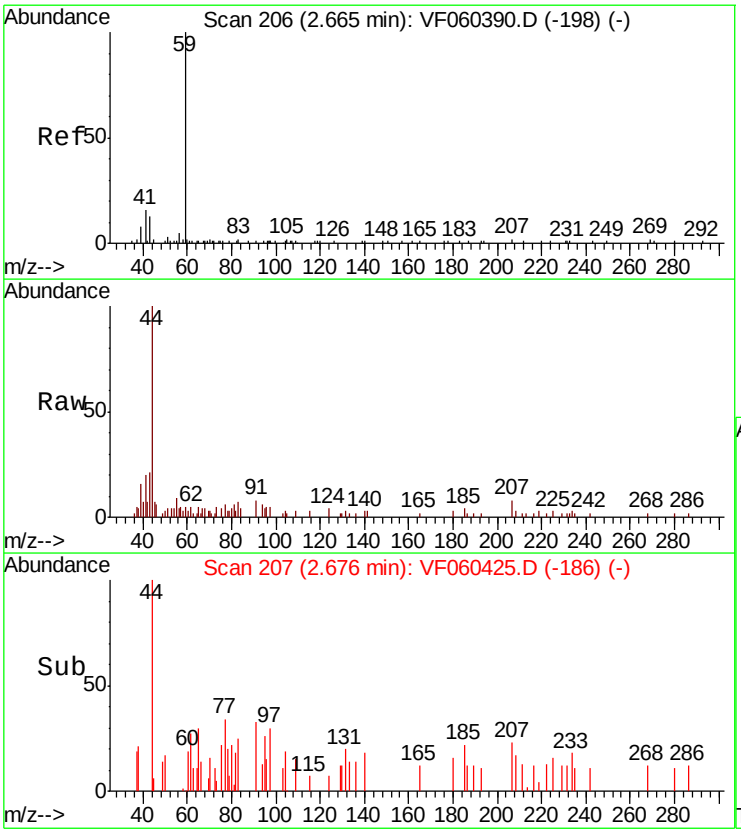
#8
Diethyl Ether
Concen: 1.872 ug/l
RT: 1.69 min Scan# 107
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion: 74 Resp: 2246

Ion	Ratio	Lower	Upper
74	100		
45	111.2	71.3	213.8

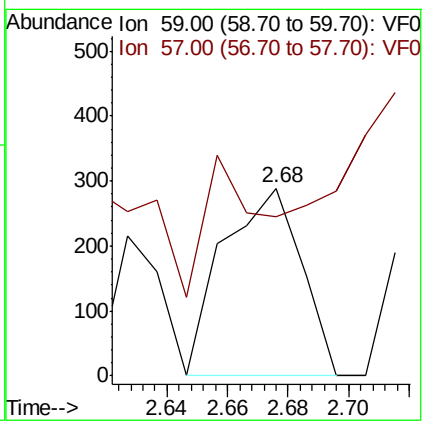


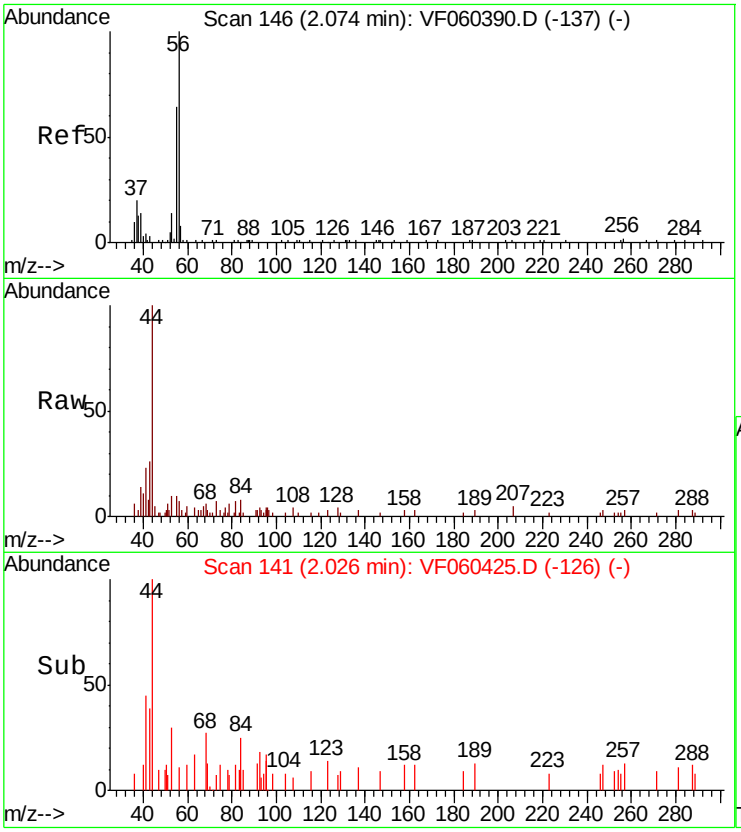


#11
Tert butyl alcohol
Concen: 2.053 ug/l
RT: 2.68 min Scan# 207
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 59 Resp: 519

Ion	Ratio	Lower	Upper
59	100		
57	85.1	6.5	9.7#



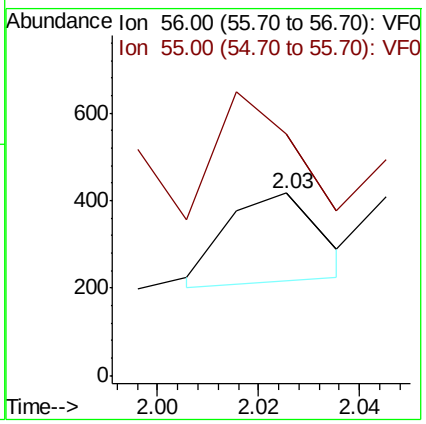


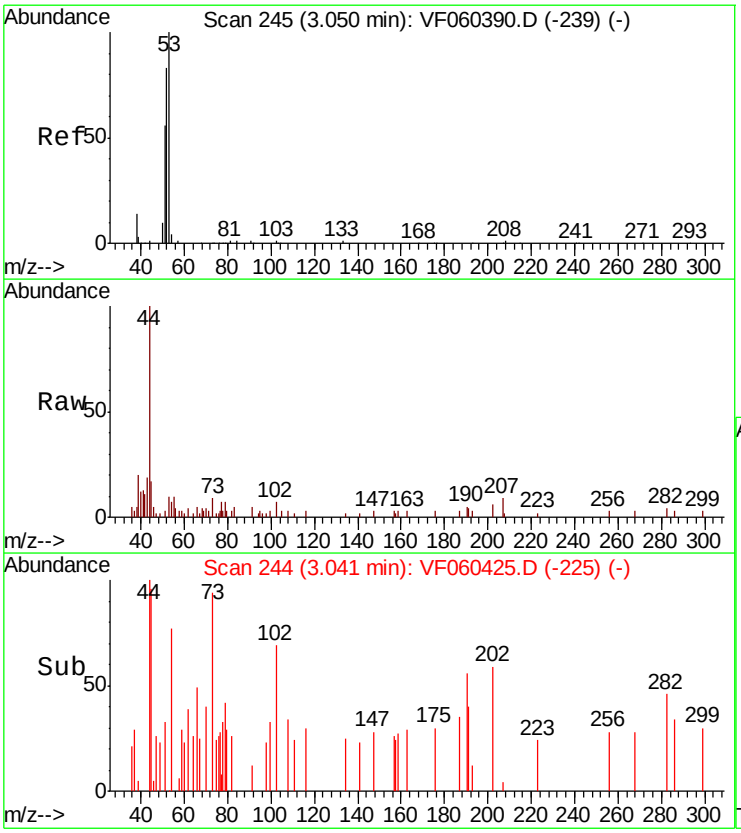
#13
Acrolein
Concen: 1.289 ug/l
RT: 2.03 min Scan# 141
Delta R.T. -0.05 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion: 56 Resp: 262

Ion	Ratio	Lower	Upper
56	100		
55	132.4	53.9	80.9#

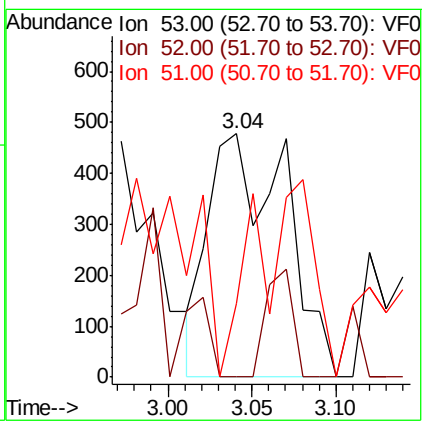


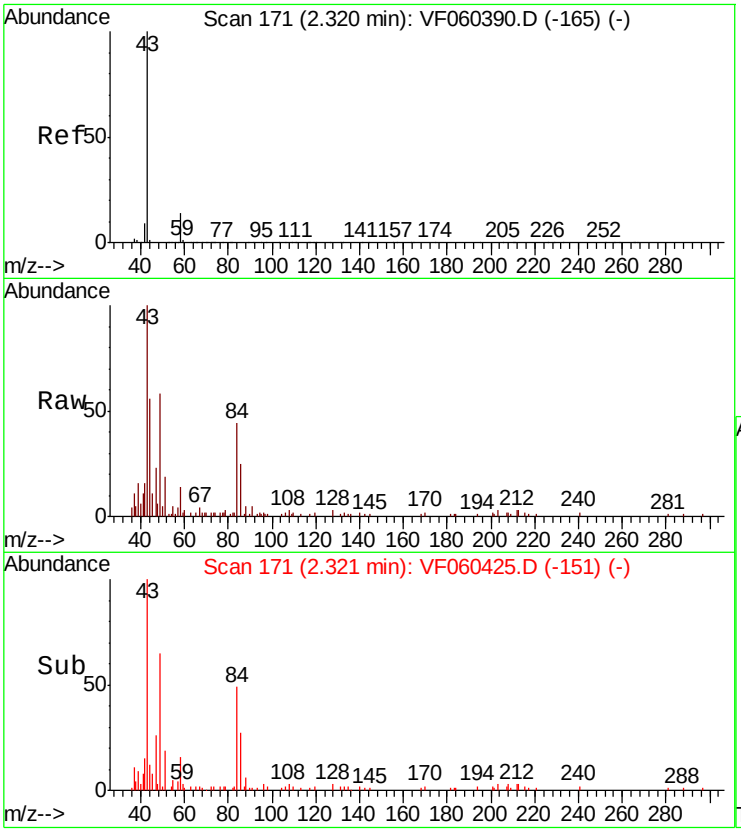


#15
Acrylonitrile
Concen: 3.507 ug/l
RT: 3.04 min Scan# 244
Delta R.T. -0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 53 Resp: 1519

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	30.1	45.6	68.4#



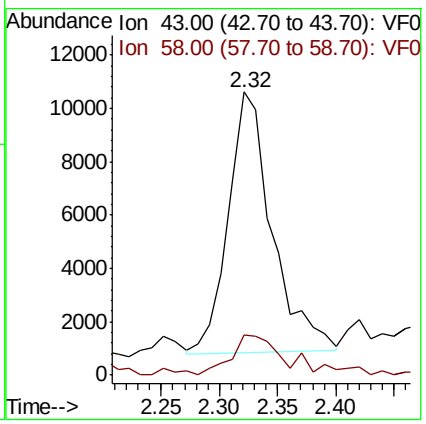


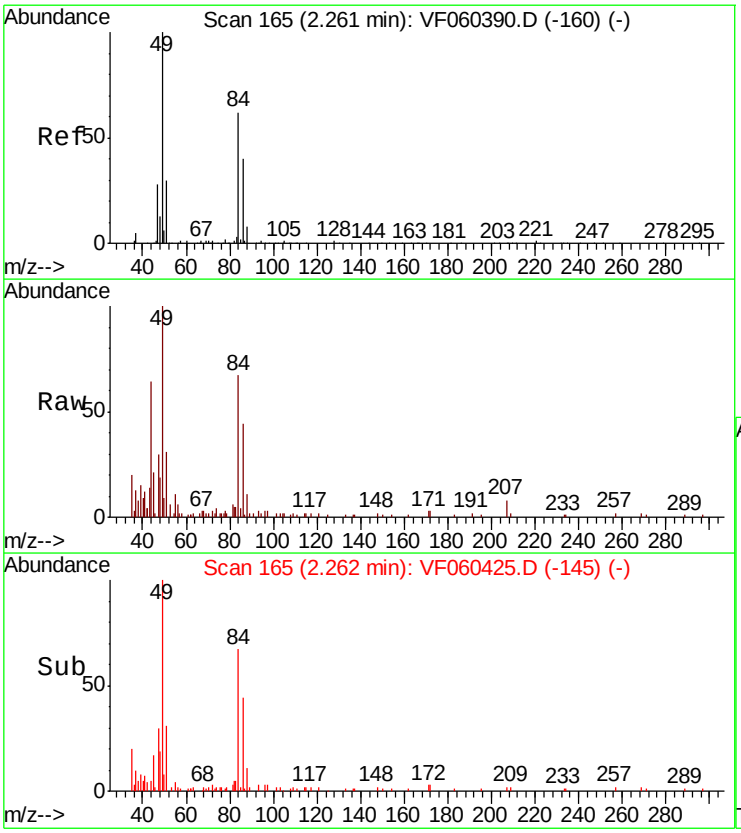
#16
Acetone
Concen: 6.711 ug/l
RT: 2.32 min Scan# 171
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Tgt Ion: 43 Resp: 25634

Ion	Ratio	Lower	Upper
43	100		
58	14.2	11.2	16.8

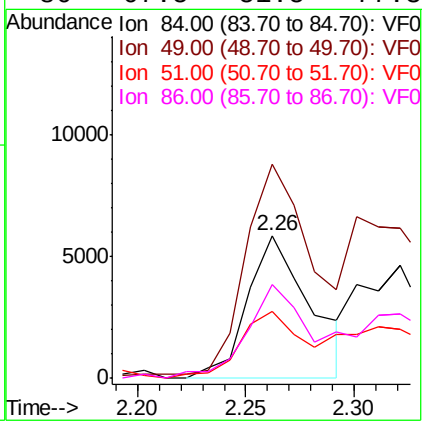


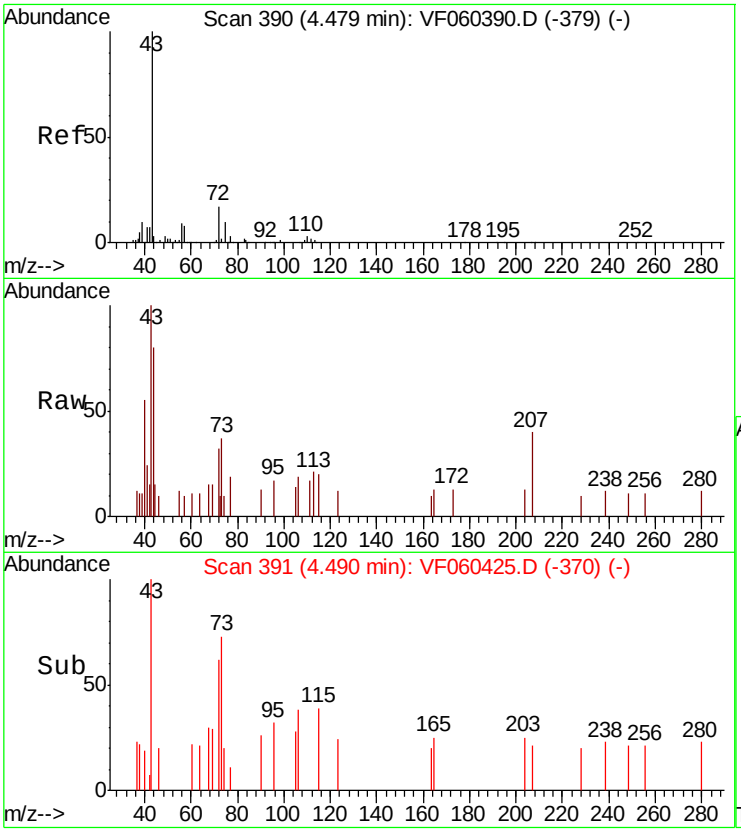


#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 84 Resp: 11752

Ion	Ratio	Lower	Upper
84	100		
49	150.0	130.2	195.2
51	46.7	41.0	61.6
86	67.5	51.5	77.3



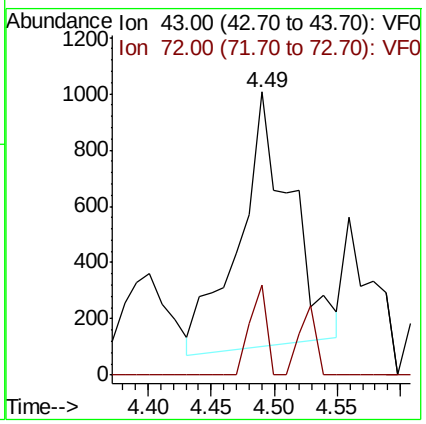


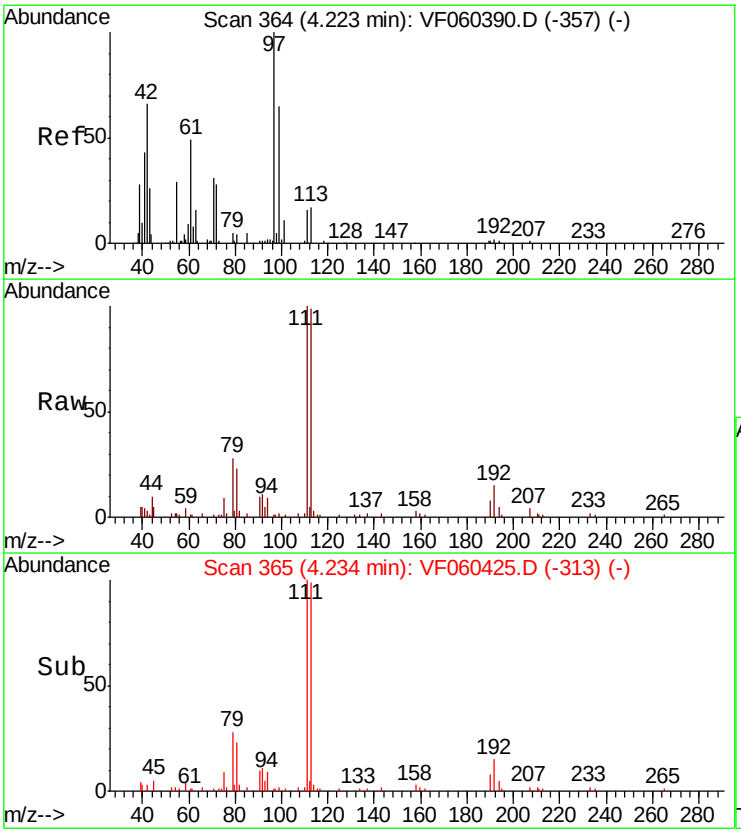
#25
2-Butanone
Concen: 2.410 ug/l
RT: 4.49 min Scan# 391
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Tgt Ion: 43 Resp: 2608

Ion	Ratio	Lower	Upper
43	100		
72	31.8	14.1	21.1#

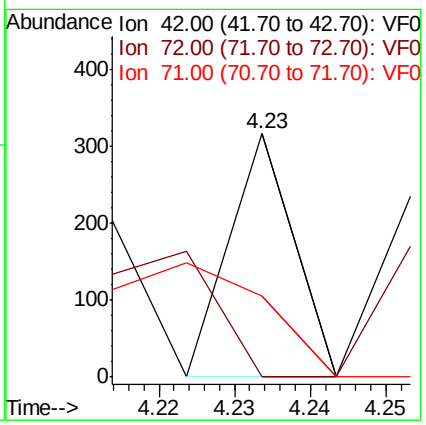


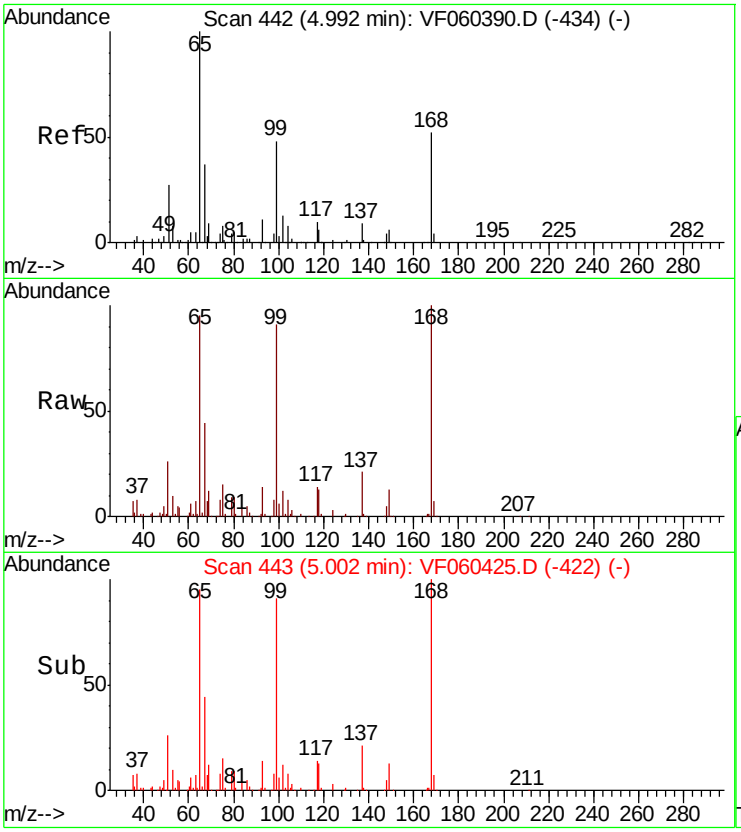


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.23 min Scan# 365
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 42 Resp: 188

Ion	Ratio	Lower	Upper
42	100		
72	181.4	33.6	50.4#
71	116.0	32.7	49.1#



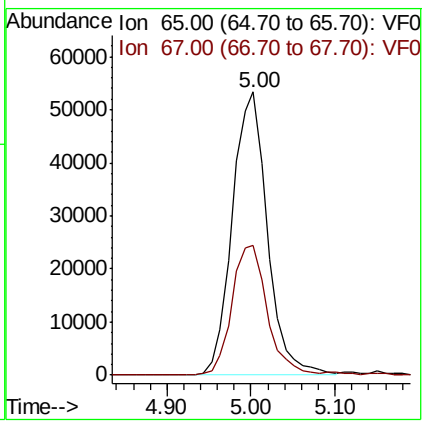


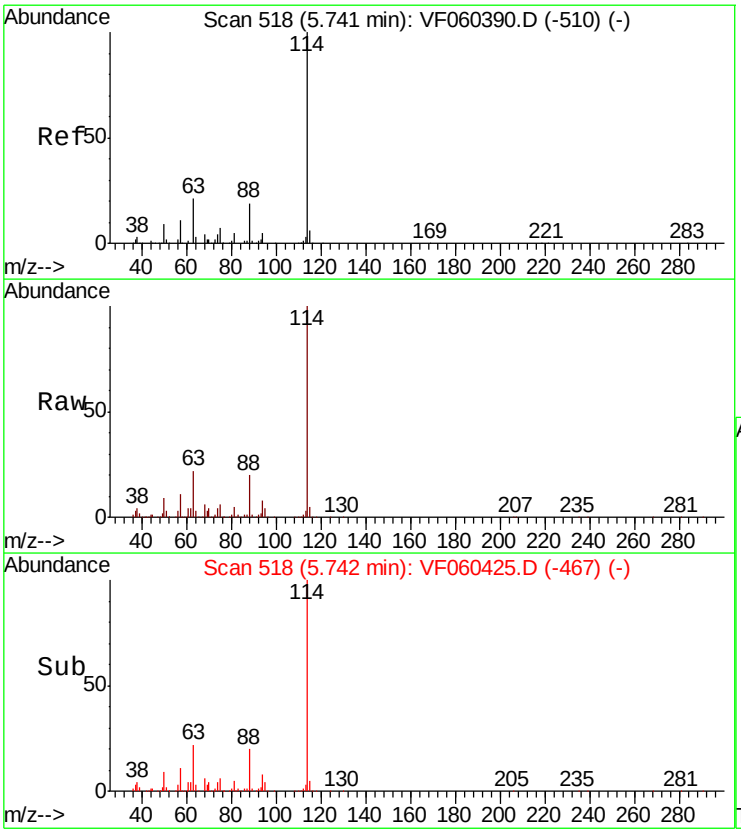
#33
1,2-Dichloroethane-d4
Concen: 37.057 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Tgt Ion: 65 Resp: 154877

Ion	Ratio	Lower	Upper
65	100		
67	46.0	0.0	89.4

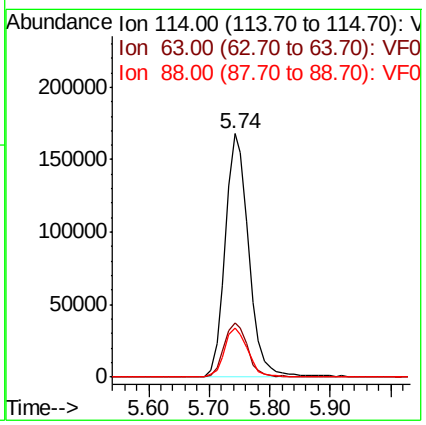


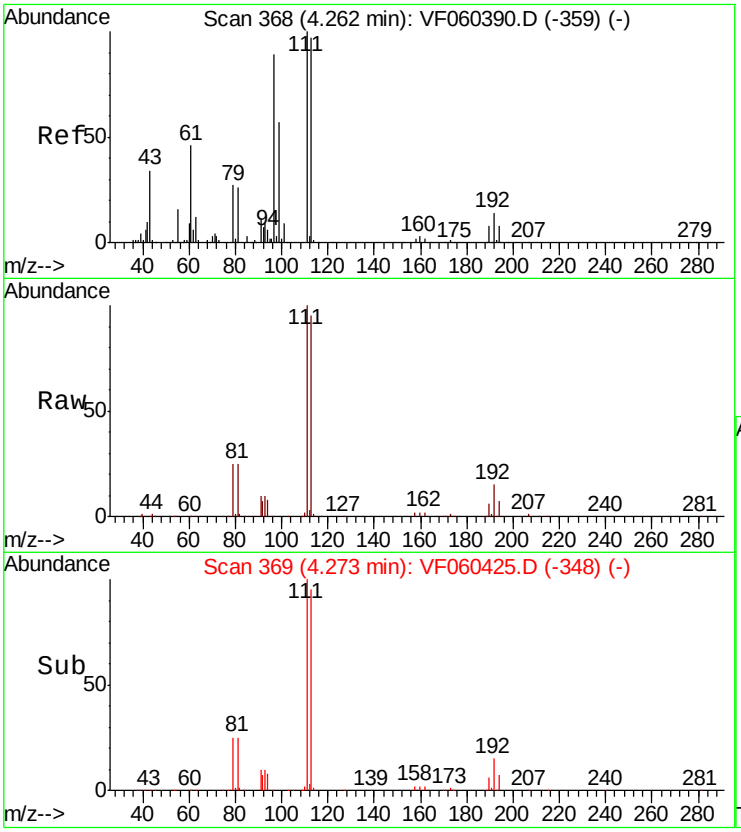


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 518
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion:114 Resp: 452410

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.2
88	20.2	0.0	38.8



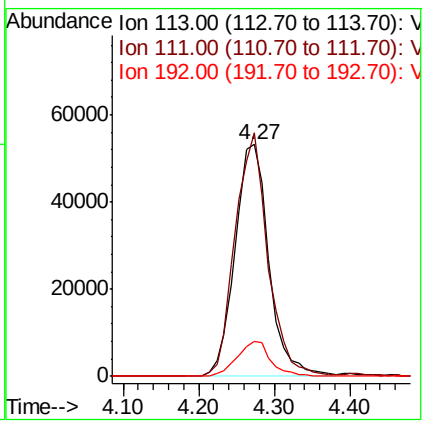


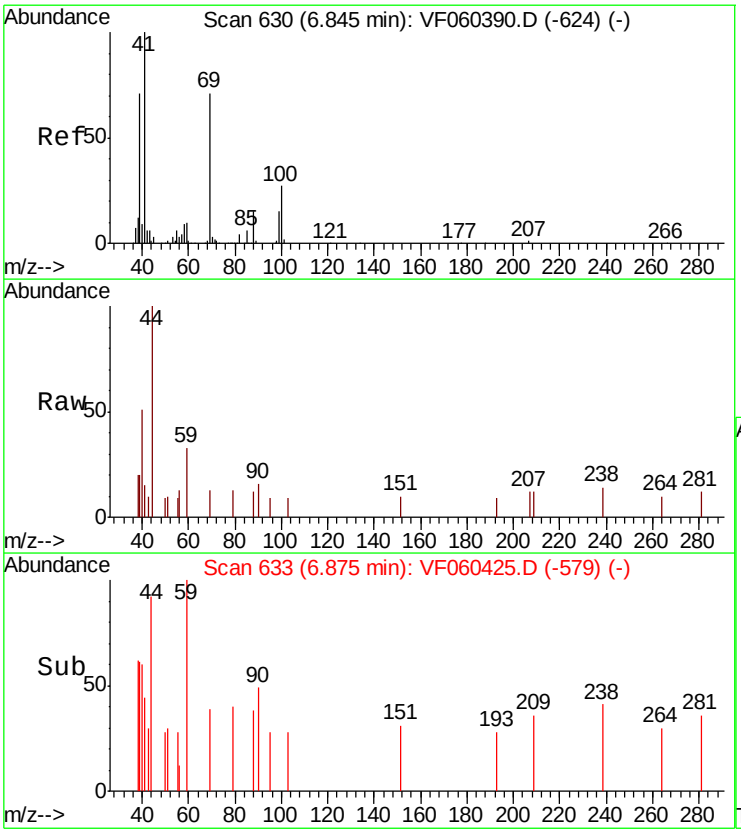
#35
Dibromofluoromethane
Concen: 38.989 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion:113 Resp: 165709

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.3	123.5
192	15.3	11.8	17.6

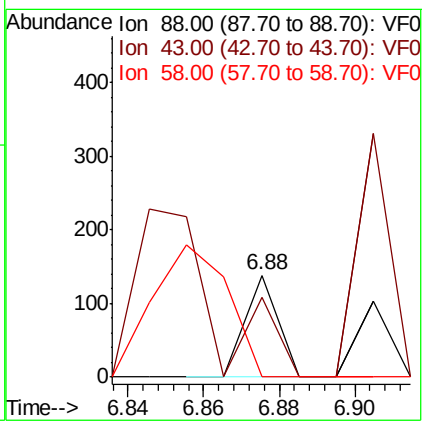


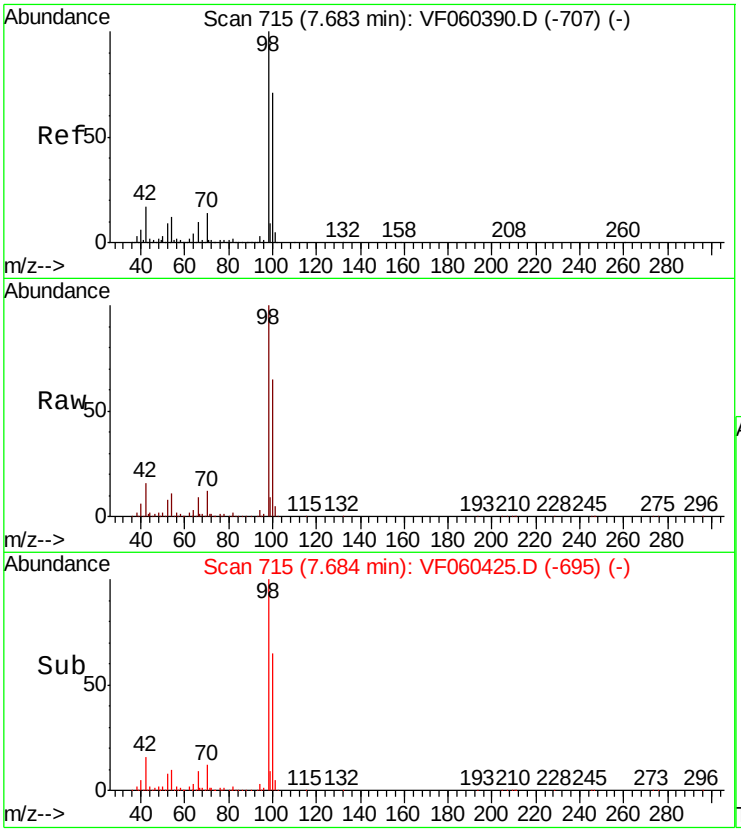


#49
1,4-Dioxane
Concen: 5.133 ug/l
RT: 6.88 min Scan# 633
Delta R.T. 0.03 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 88 Resp: 82

Ion	Ratio	Lower	Upper
88	100		
43	78.3	38.3	57.5#
58	0.0	47.4	71.2#



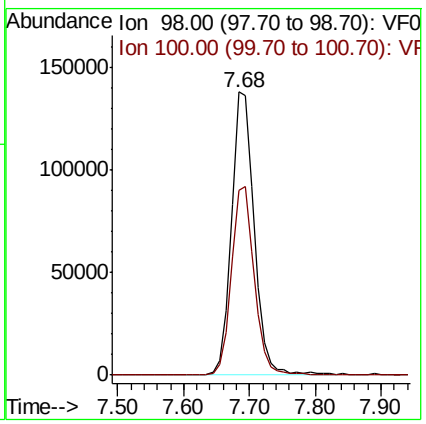


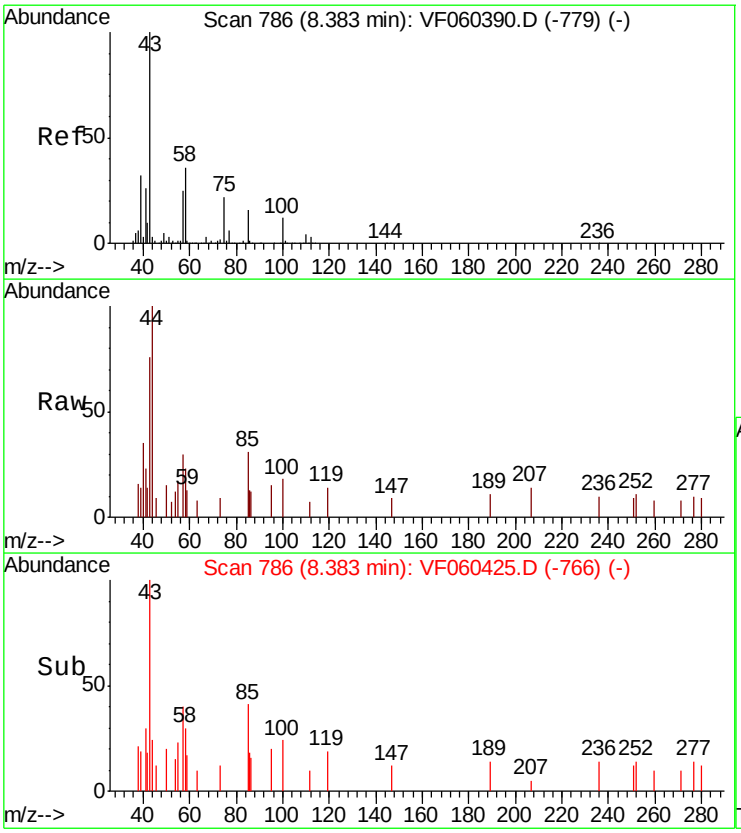
#50
Toluene-d8
Concen: 32.026 ug/l
RT: 7.68 min Scan# 715
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion: 98 Resp: 335225

Ion	Ratio	Lower	Upper
98	100		
100	65.2	56.5	84.7

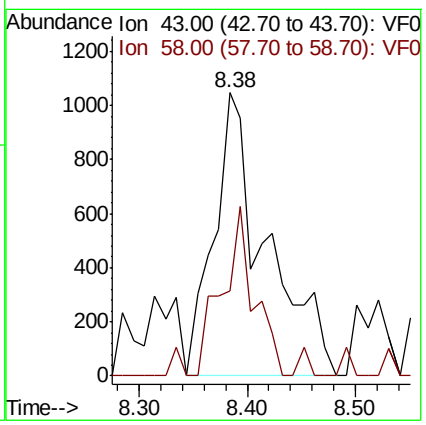


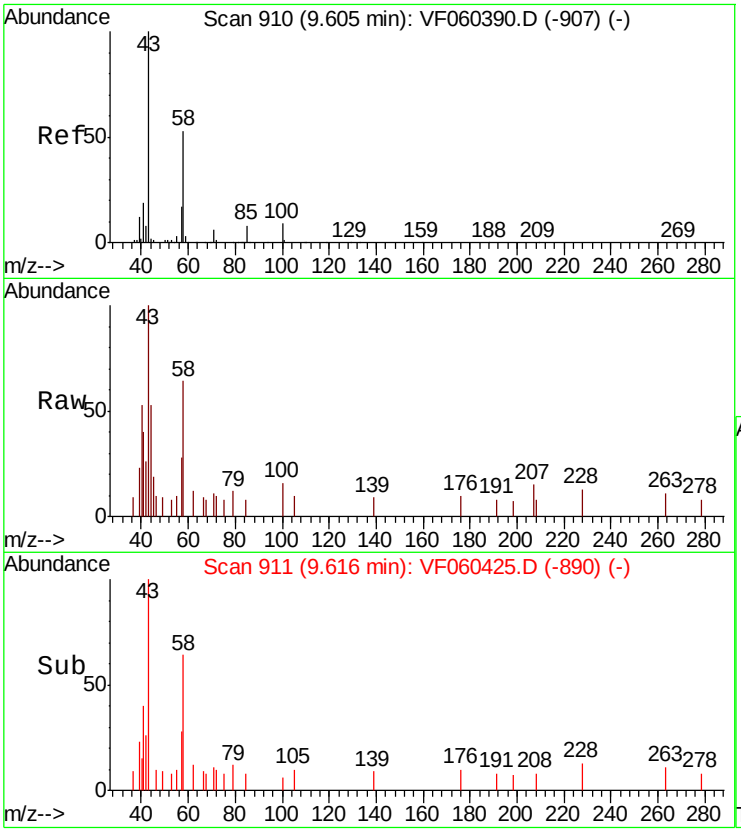


#51
4-Methyl-2-Pentanone
Concen: 1.929 ug/l
RT: 8.38 min Scan# 786
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 43 Resp: 3544

Ion	Ratio	Lower	Upper
43	100		
58	29.9	28.5	42.7



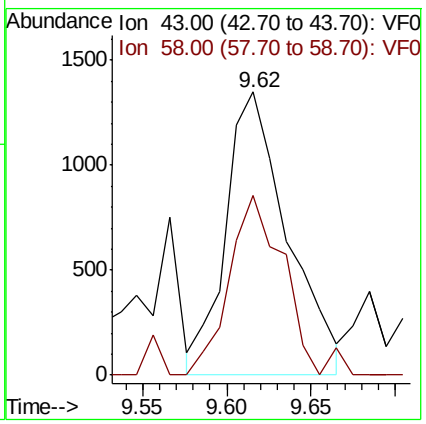


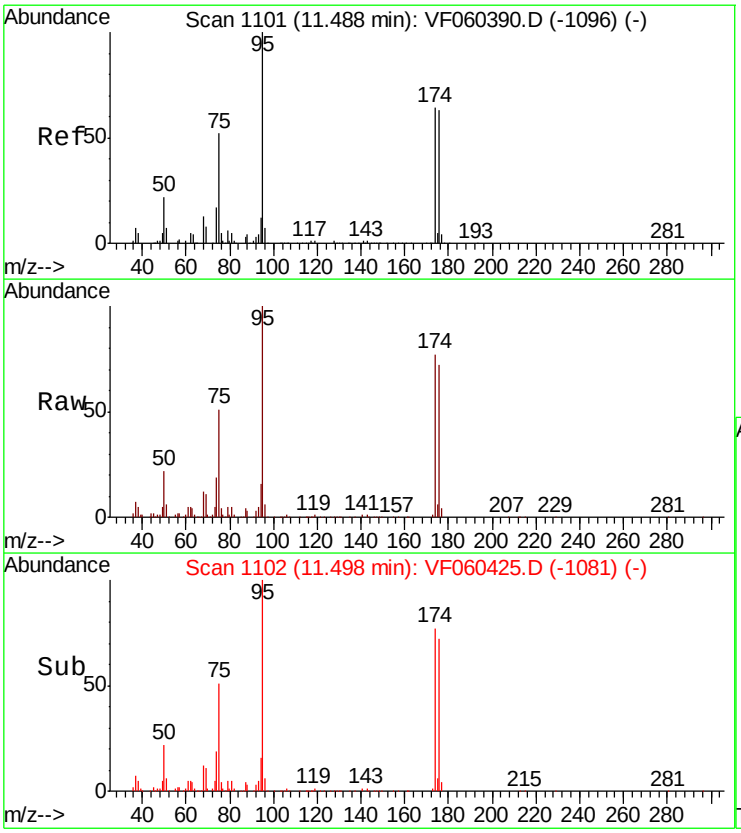
#59
2-Hexanone
Concen: 2.552 ug/l
RT: 9.62 min Scan# 911
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
AU-05-100218-A

Tgt Ion: 43 Resp: 3440

Ion	Ratio	Lower	Upper
43	100		
58	63.6	25.6	76.6

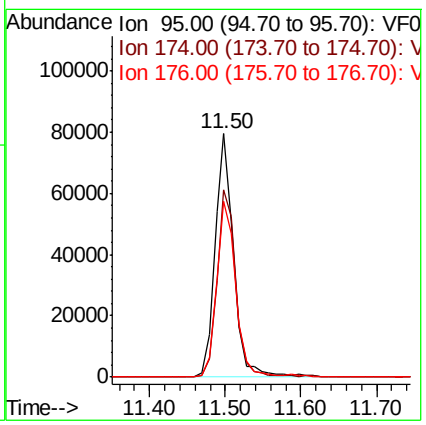


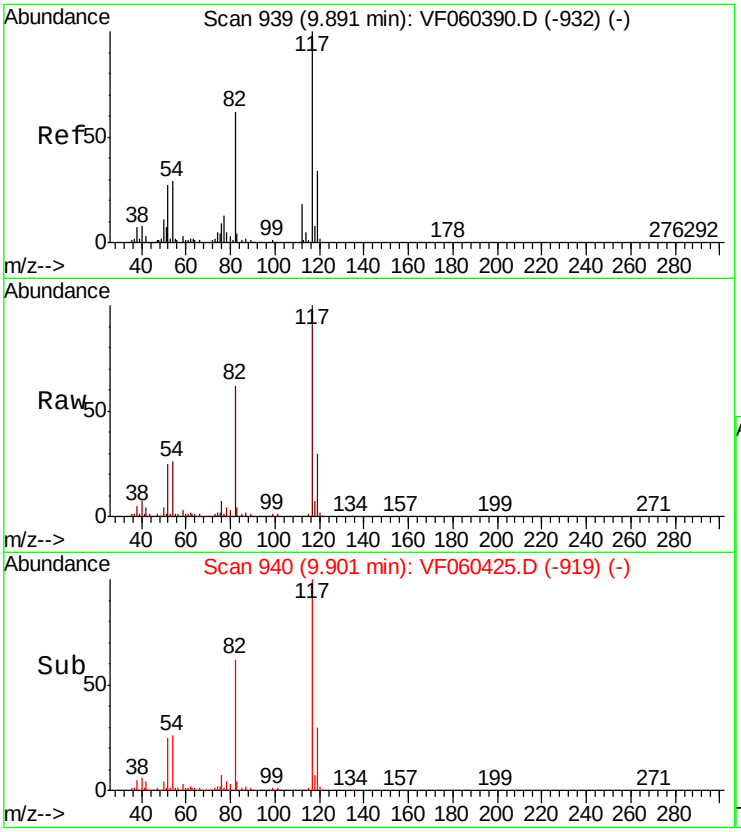


#62
4-Bromofluorobenzene
Concen: 28.573 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion: 95 Resp: 136560

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	129.0
176	72.2	0.0	125.6



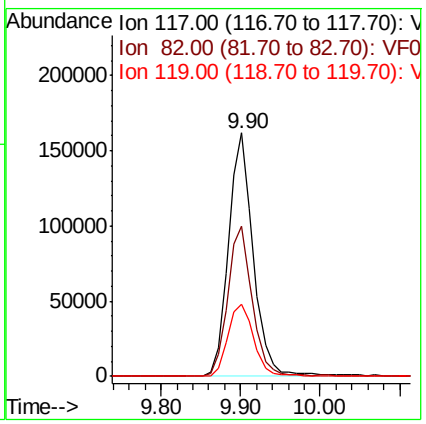


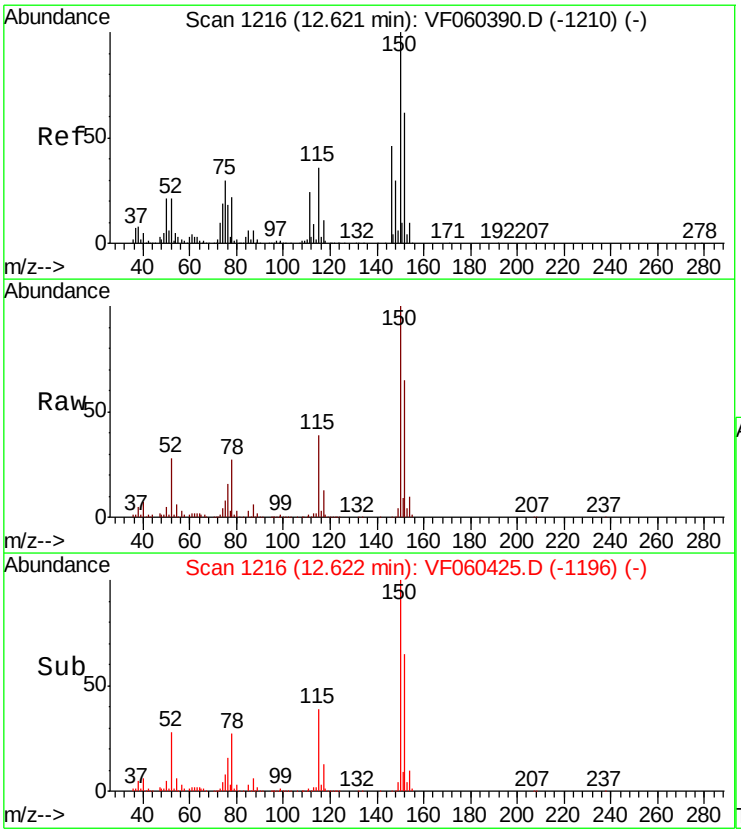
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Instrument : MSVOA_F
ClientSampleId : AU-05-100218-A

Tgt Ion:117 Resp: 352211

Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.5	74.3
119	29.7	27.0	40.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF060425.D
Acq: 3 Oct 2018 20:07

Tgt Ion:152 Resp: 164870

Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.6	85.8
150	154.1	0.0	324.6