Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120318\
Data File : VF060904.D
Acq On : 3 Dec 2018 21:15
Operator : VA/AP
Sample : J6168-05
Misc : 4.92g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S1

Quant Time: Dec 04 03:12:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	171350	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	306173	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.79	117	247720	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	95038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	119609	59.25	ug/l	-0.02
Spiked Amount 50.000			Recovery = 118.50%			
35) Dibromofluoromethane	4.13	113	129958	53.50	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.00%			
50) Toluene-d8	7.57	98	303571	42.43	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.86%			
62) 4-Bromofluorobenzene	11.43	95	126806	39.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.00%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	515	6.224	ug/l #	2
13) Acrolein	2.01	56	504	6.429	ug/l #	57
16) Acetone	2.27	43	768	2.063	ug/l #	65
18) Methyl Acetate	2.36	43	6251	8.644	ug/l #	91
20) Methylene Chloride	2.26	84	5821	4.263	ug/l	93
29) Tetrahydrofuran	4.08	42	291	1.066	ug/l #	55
41) Methacrylonitrile	4.78	41	340	Below Cal	#	23
43) Isopropyl Acetate	6.96	43	207	Below Cal	#	49
49) 1,4-Dioxane	6.73	88	78	8.532	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	1542	1.212	ug/l #	74
86) p-Isopropyltoluene	12.48	119	7681	1.078	ug/l	96
95) Naphthalene	14.47	128	2246	Below Cal	#	70

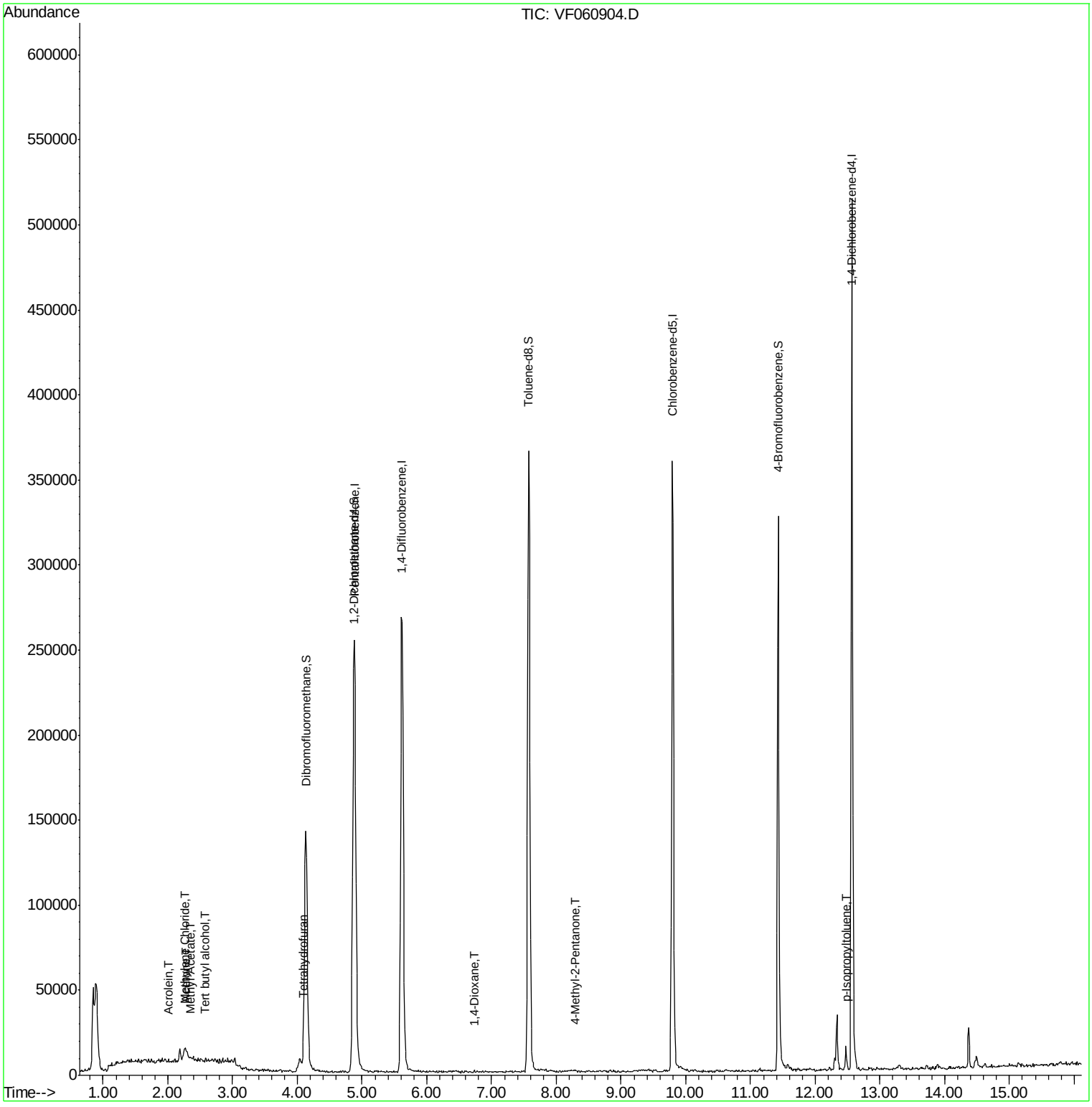
(#) = qualifier out of range (m) = manual integration (+) = signals summed

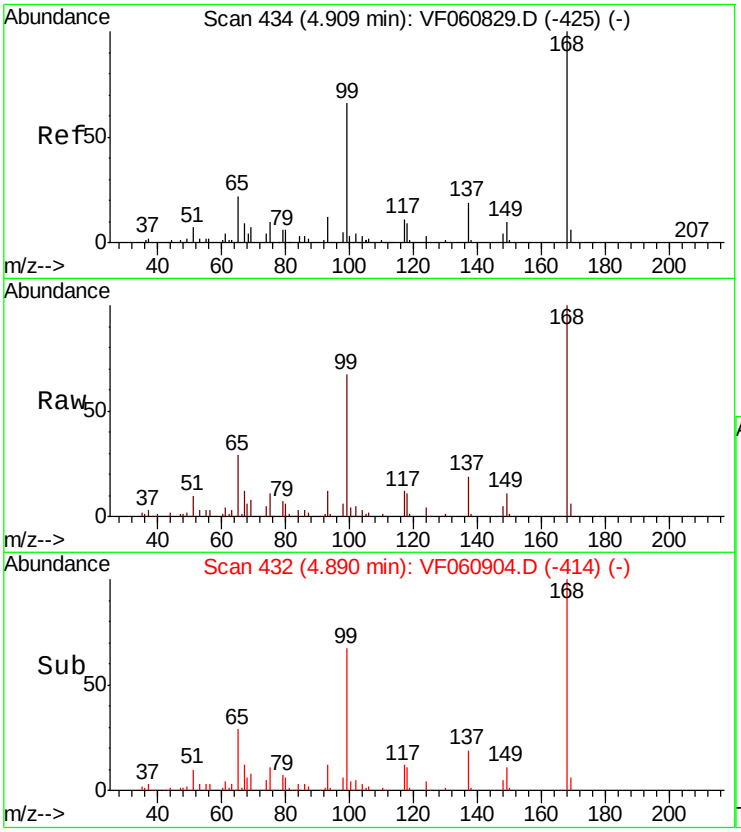
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060904.D
Acq On : 3 Dec 2018 21:15
Operator : VA/AP
Sample : J6168-05
Misc : 4.92g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S1

Quant Time: Dec 04 03:12:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



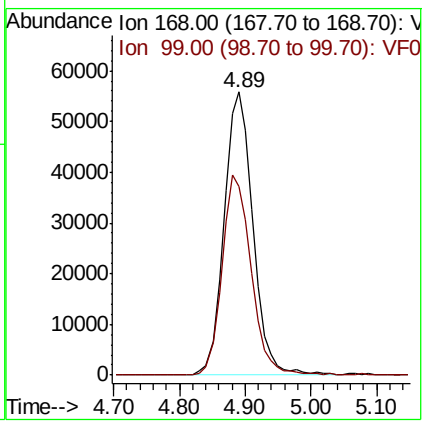


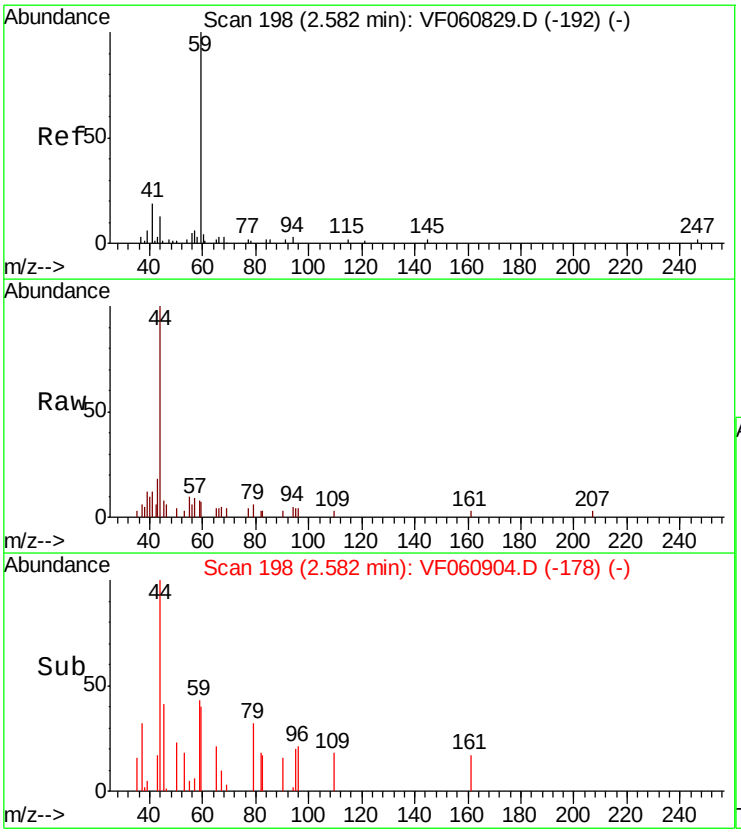
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion:168 Resp: 171350

Ion	Ratio	Lower	Upper
168	100		
99	66.5	52.6	79.0

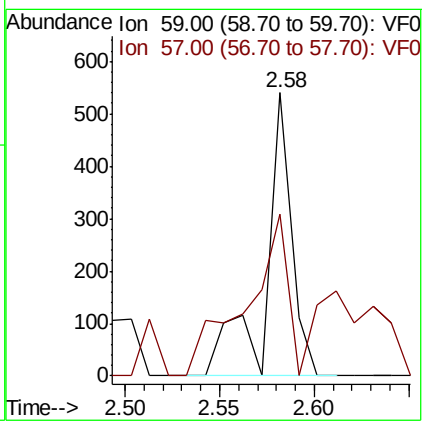


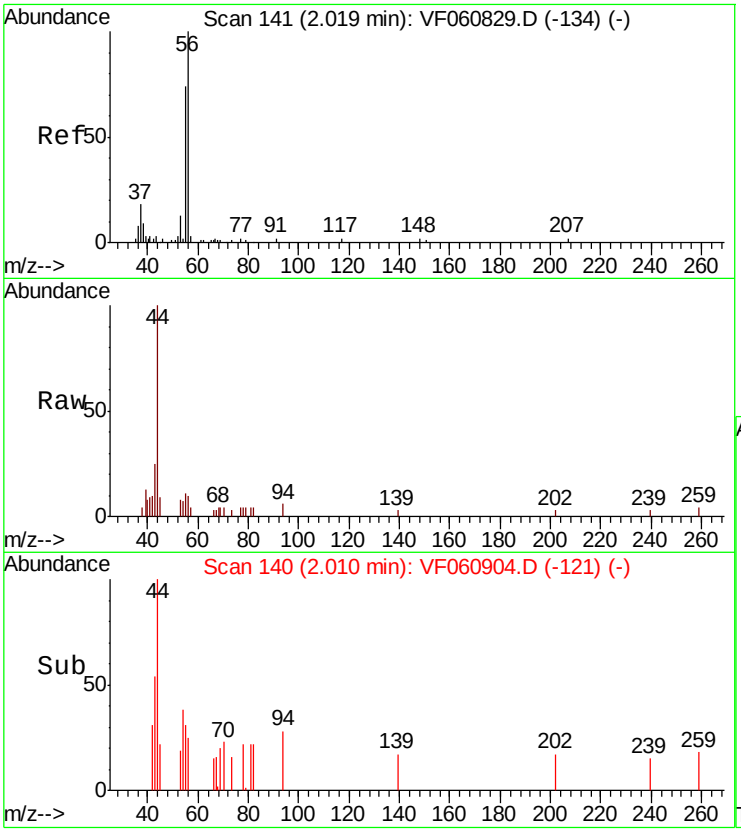


#11
Tert butyl alcohol
Concen: 6.224 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 59 Resp: 515

Ion	Ratio	Lower	Upper
59	100		
57	57.2	12.7	19.1#



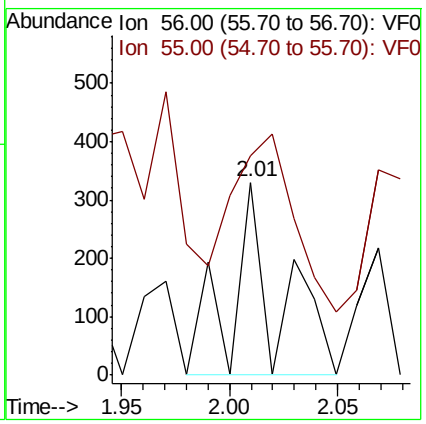


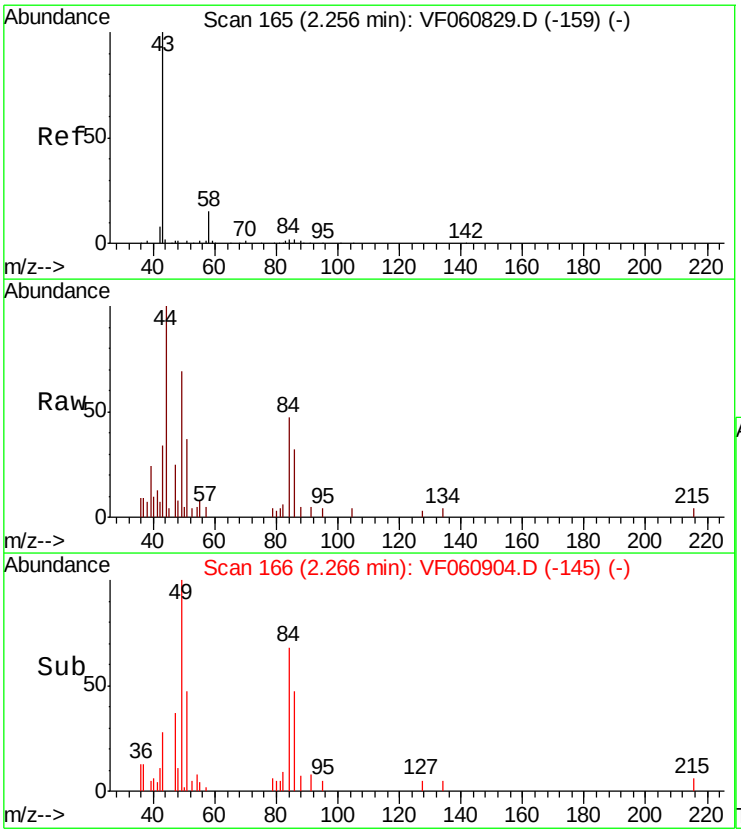
#13
Acrolein
Concen: 6.429 ug/l
RT: 2.01 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument : MSVOA_F
ClientSampleId : S1

Tgt Ion: 56 Resp: 504

Ion	Ratio	Lower	Upper
56	100		
55	113.6	61.2	91.8#

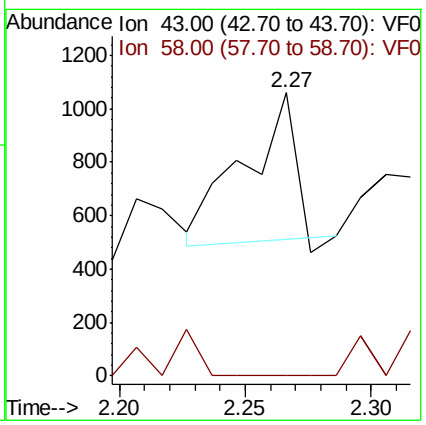


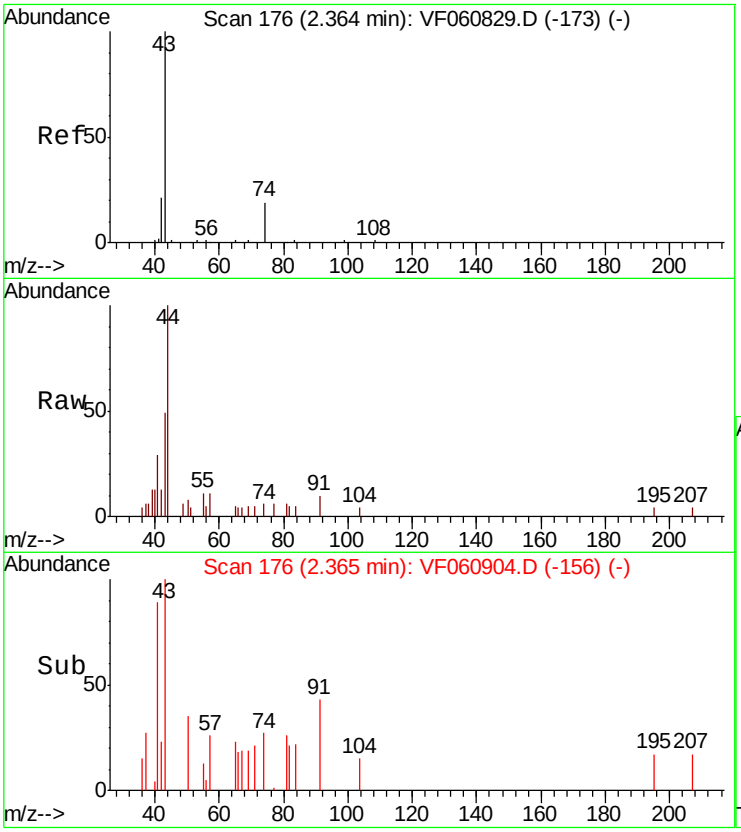


#16
Acetone
Concen: 2.063 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 43 Resp: 768

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#



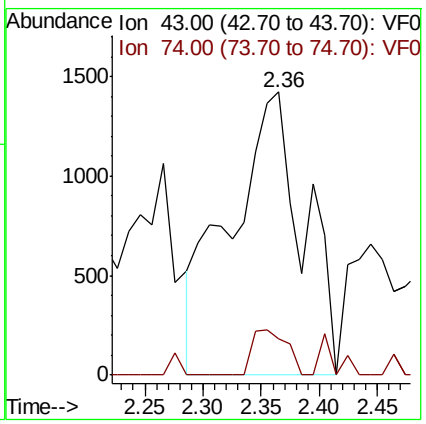


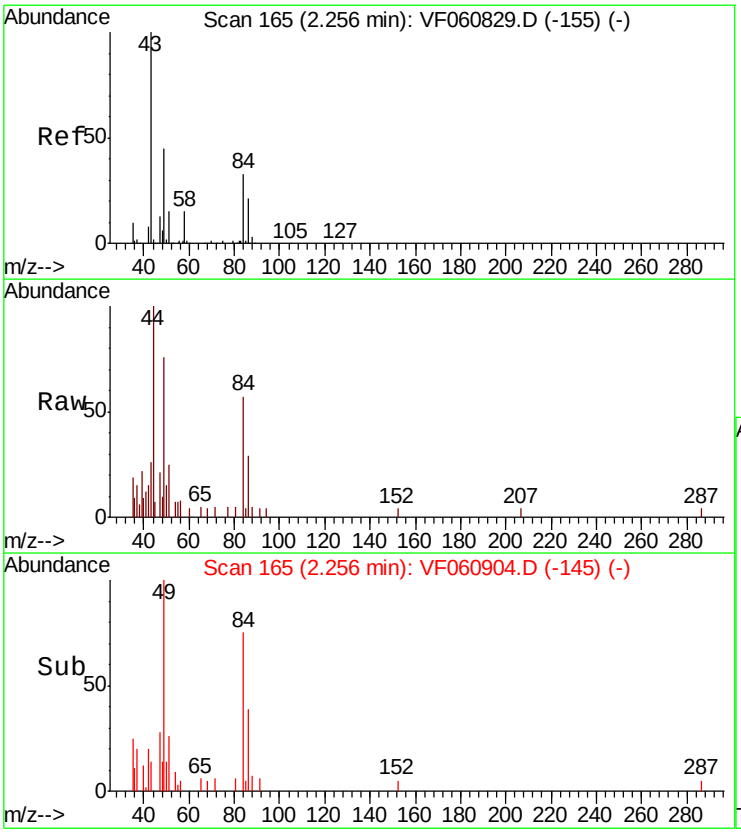
#18
Methyl Acetate
Concen: 8.644 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion: 43 Resp: 6251

Ion	Ratio	Lower	Upper
43	100		
74	12.8	13.3	19.9#

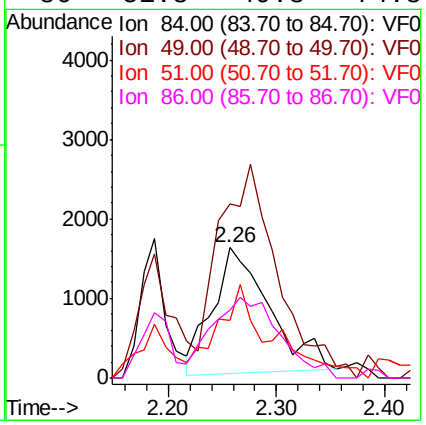


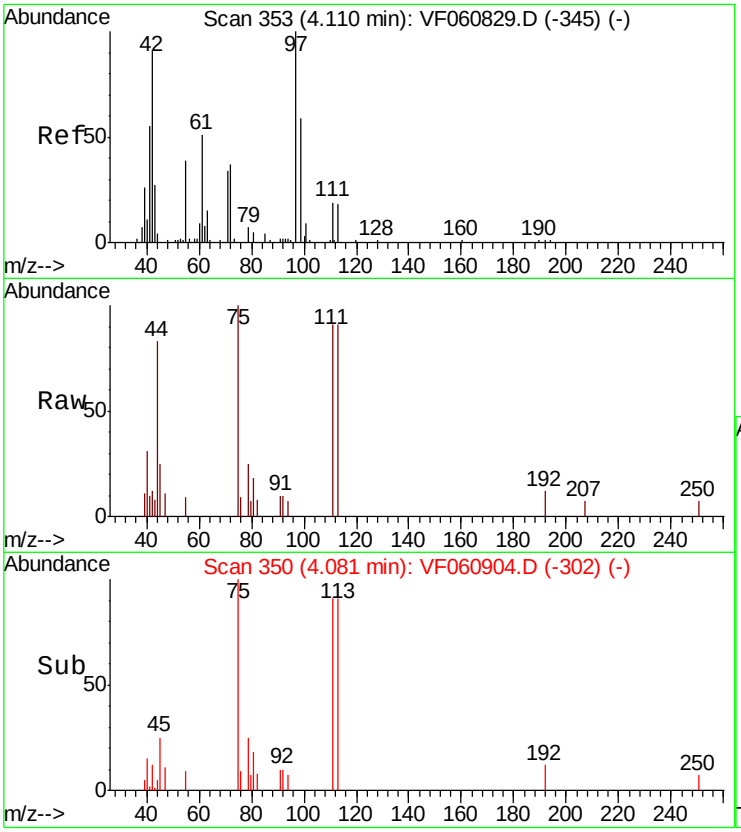


#20
Methylene Chloride
Concen: 4.263 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 84 Resp: 5821

Ion	Ratio	Lower	Upper
84	100		
49	133.9	111.3	166.9
51	44.3	38.0	57.0
86	51.8	49.8	74.8



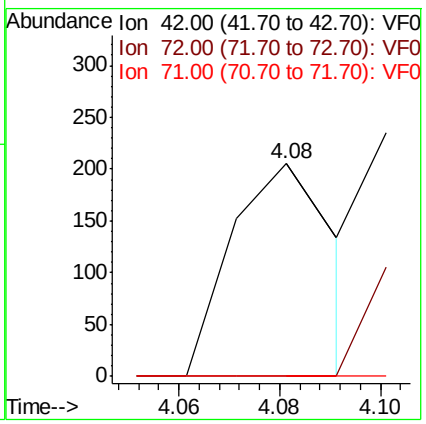


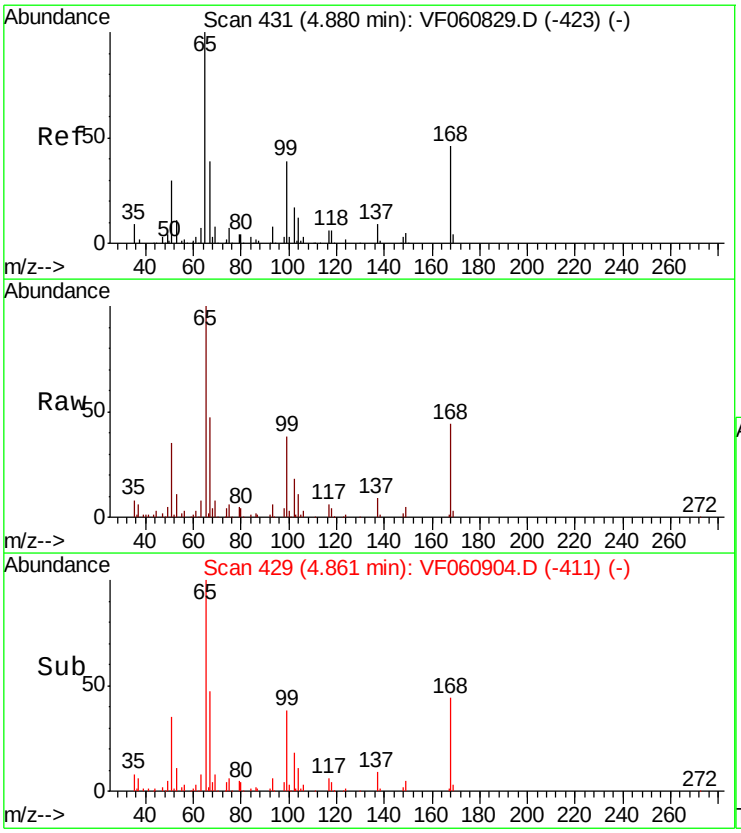
#29
Tetrahydrofuran
Concen: 1.066 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument : MSVOA_F
ClientSampleId : S1

Tgt Ion: 42 Resp: 291

Ion	Ratio	Lower	Upper
42	100		
72	21.6	31.9	47.9#
71	0.0	28.7	43.1#

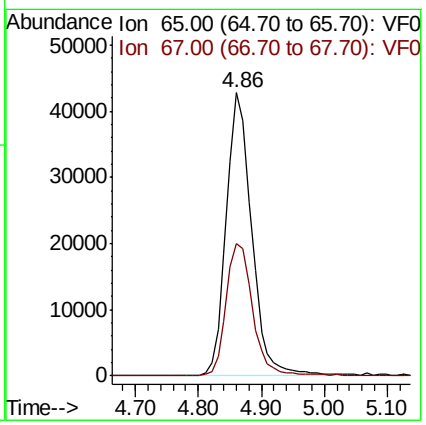


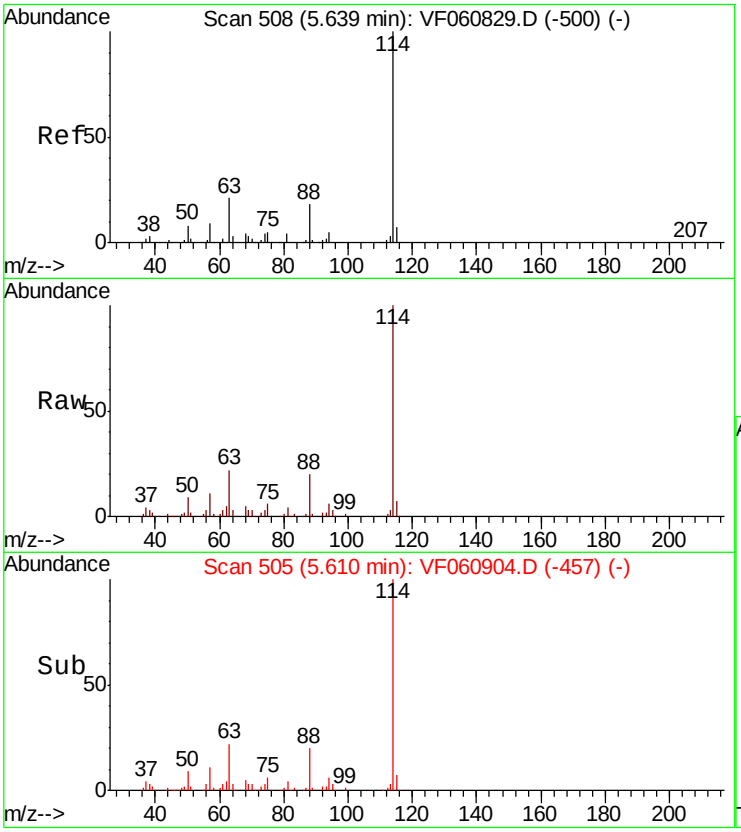


#33
1,2-Dichloroethane-d4
Concen: 59.255 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 65 Resp: 119609

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	96.4



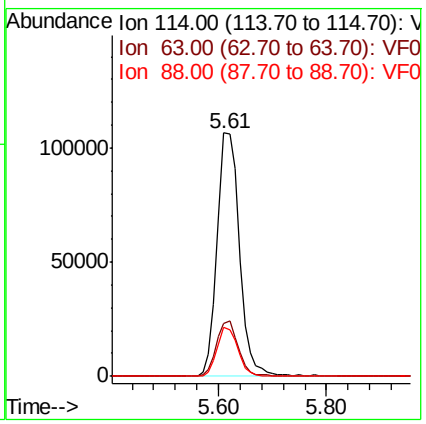


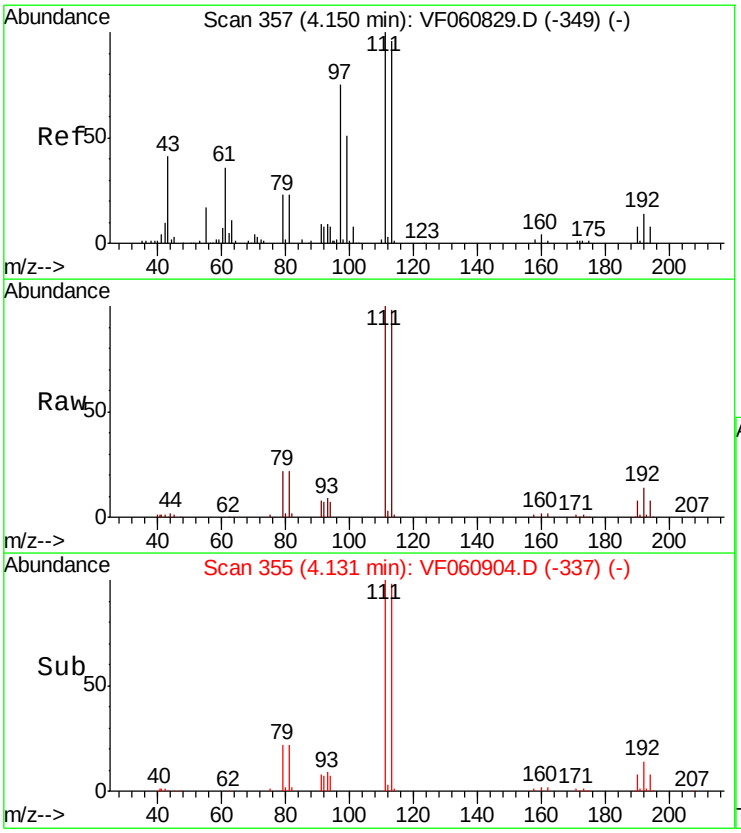
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.03 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion:114 Resp: 306173

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	20.4	0.0	36.6

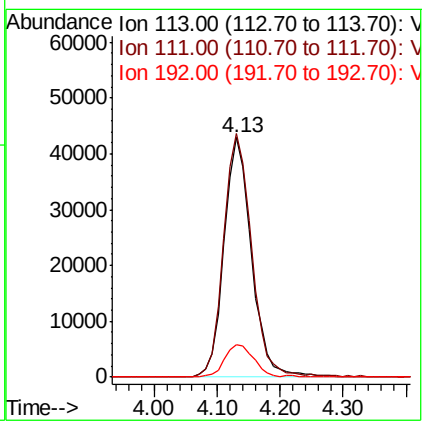


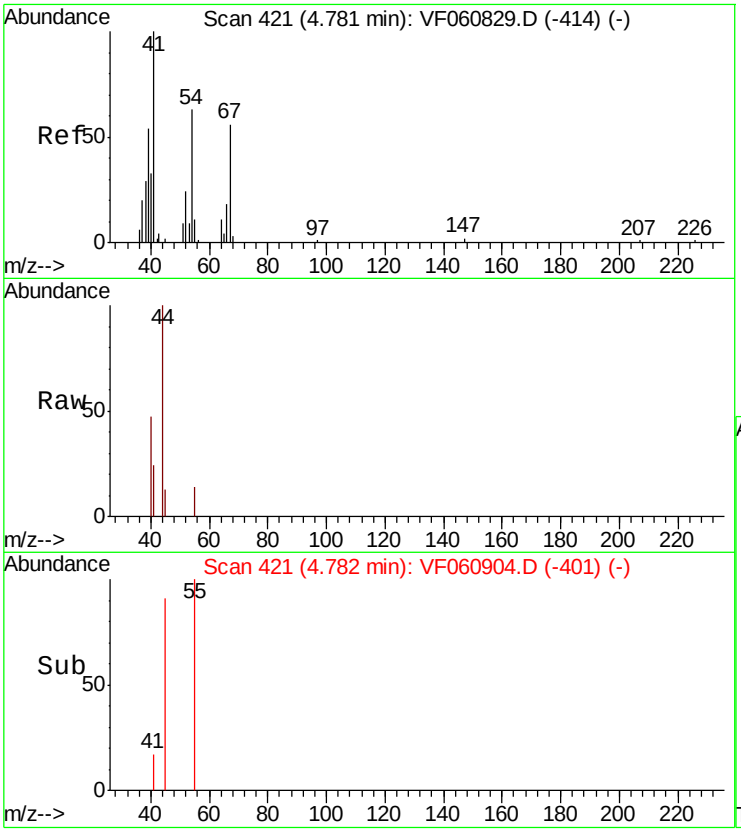


#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion:113 Resp: 129958

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	13.8	12.3	18.5



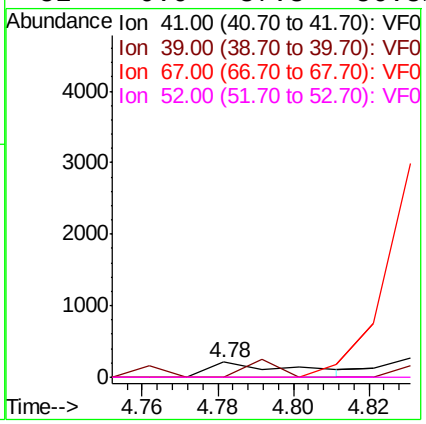


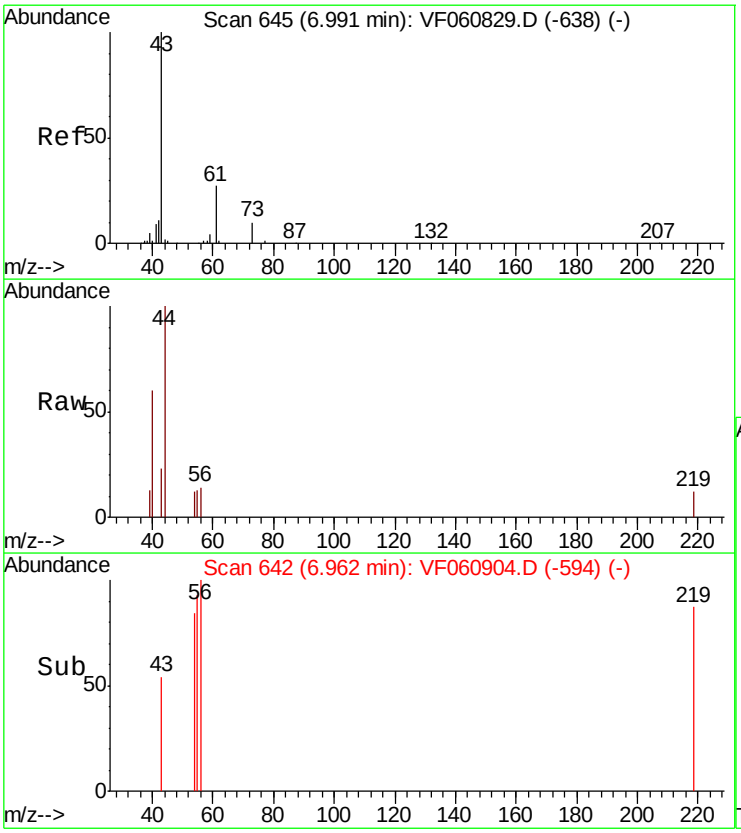
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.78 min Scan# 421
Delta R.T. 0.00 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument : MSVOA_F
ClientSampleId : S1

Tgt Ion: 41 Resp: 340

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

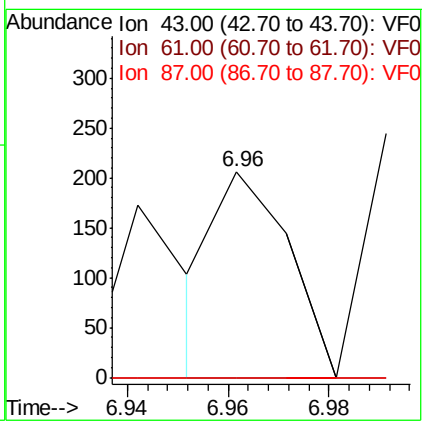


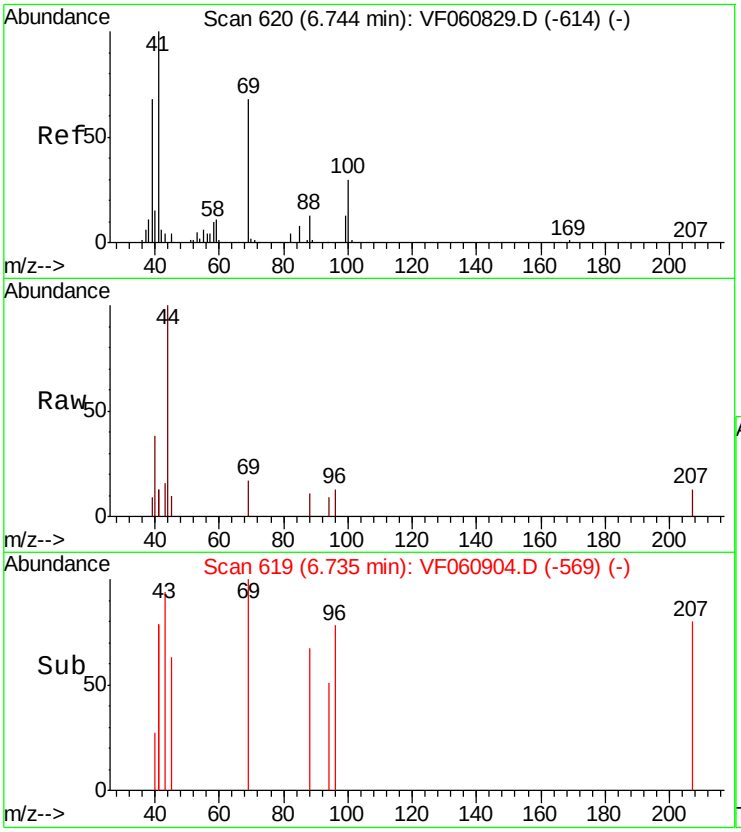


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.96 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 43 Resp: 207

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



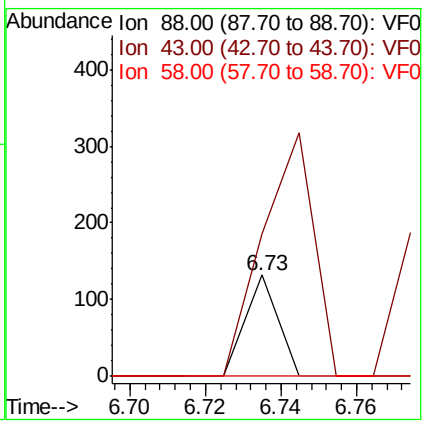


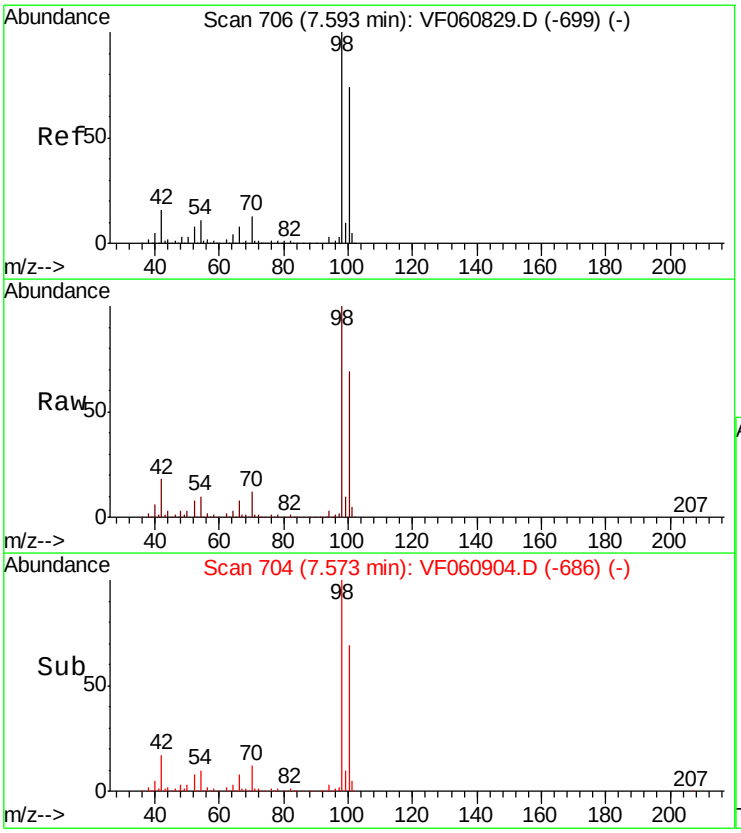
#49
1,4-Dioxane
Concen: 8.532 ug/l
RT: 6.73 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	140.9	42.0	63.0#
58	0.0	61.8	92.8#

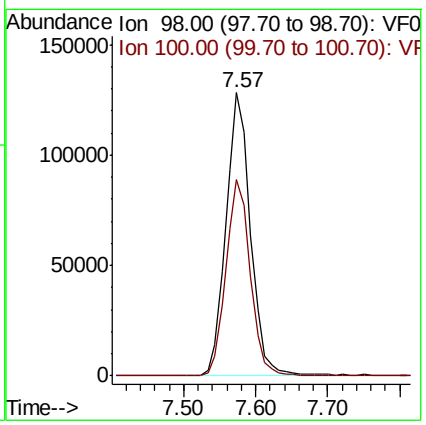


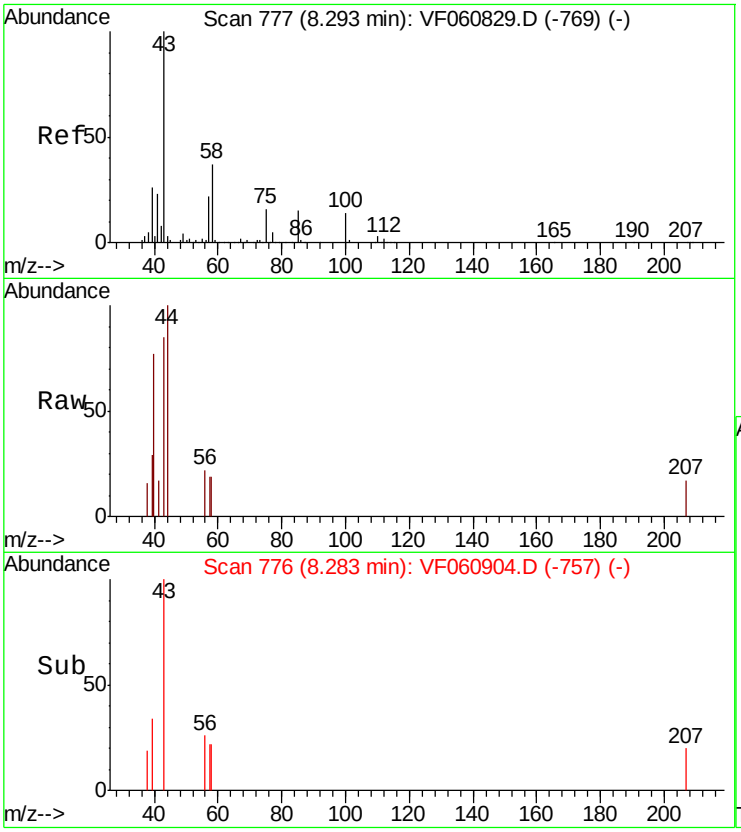


#50
Toluene-d8
Concen: 42.428 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 98 Resp: 303571

Ion	Ratio	Lower	Upper
98	100		
100	69.3	59.3	88.9



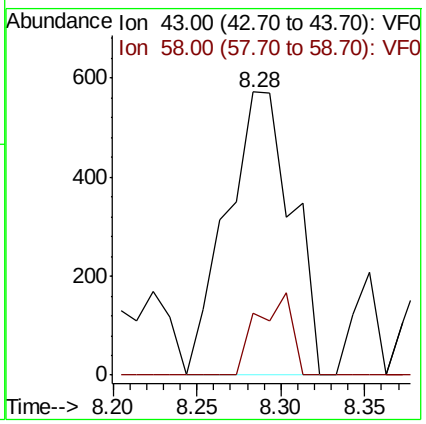


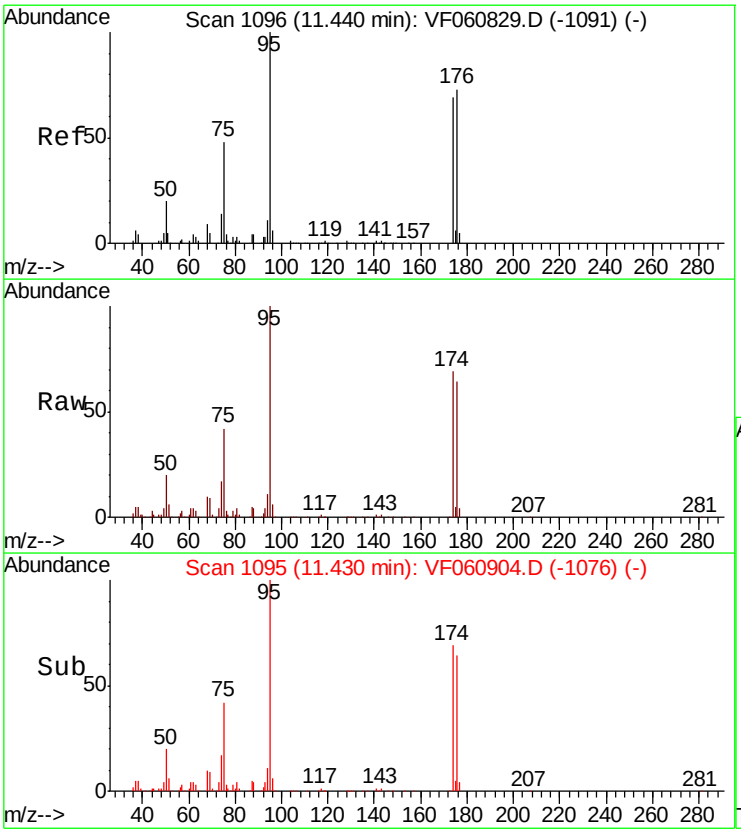
#51
4-Methyl-2-Pentanone
Concen: 1.212 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion: 43 Resp: 1542

Ion	Ratio	Lower	Upper
43	100		
58	21.9	29.7	44.5#

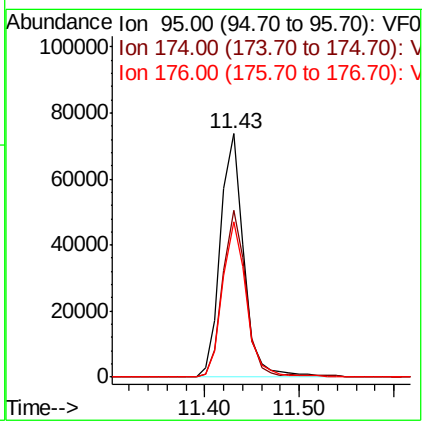


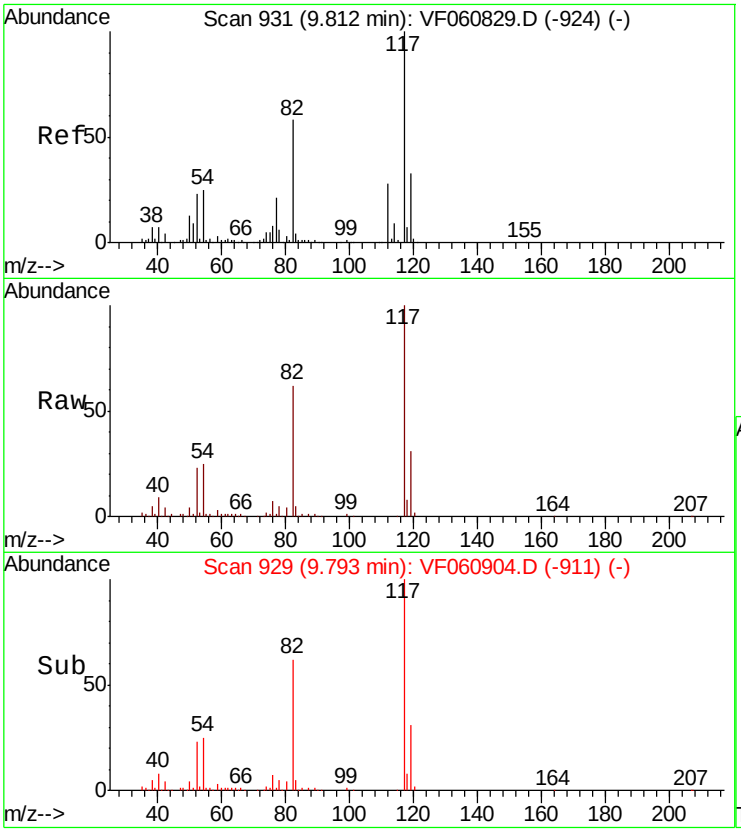


#62
4-Bromofluorobenzene
Concen: 38.995 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion: 95 Resp: 126806

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	138.2
176	63.9	0.0	146.2



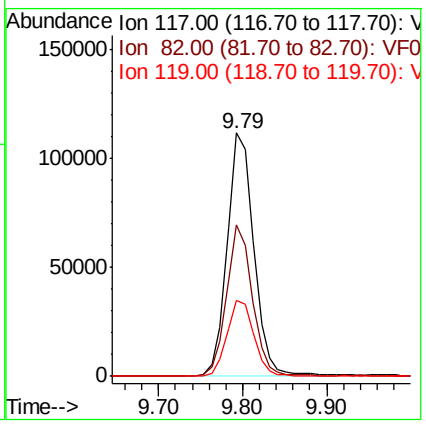


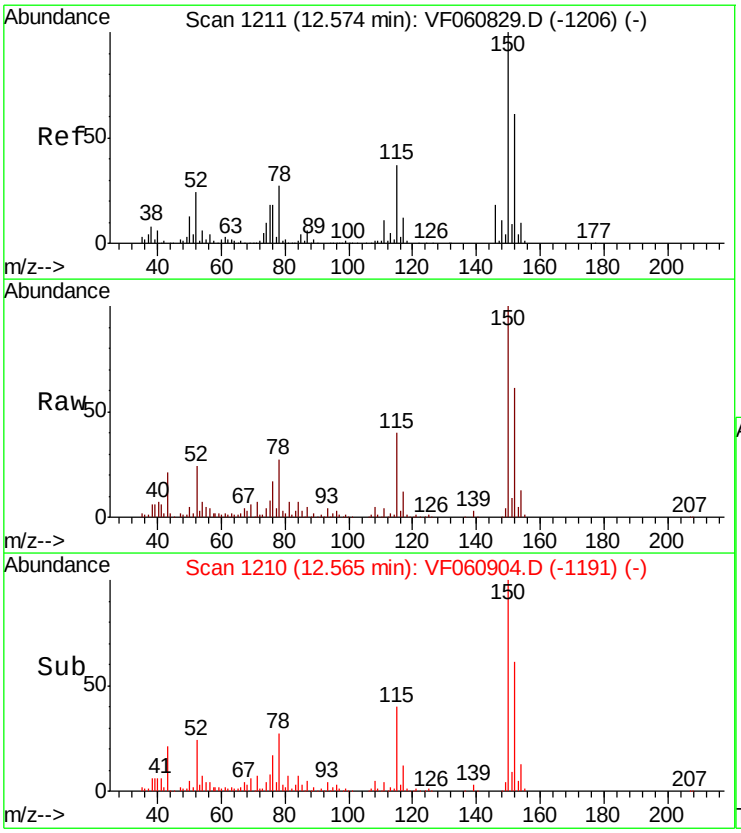
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion:117 Resp: 247720

Ion	Ratio	Lower	Upper
117	100		
82	62.0	46.6	69.8
119	31.1	26.4	39.6

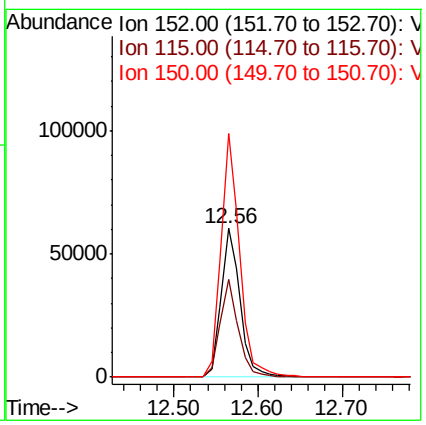


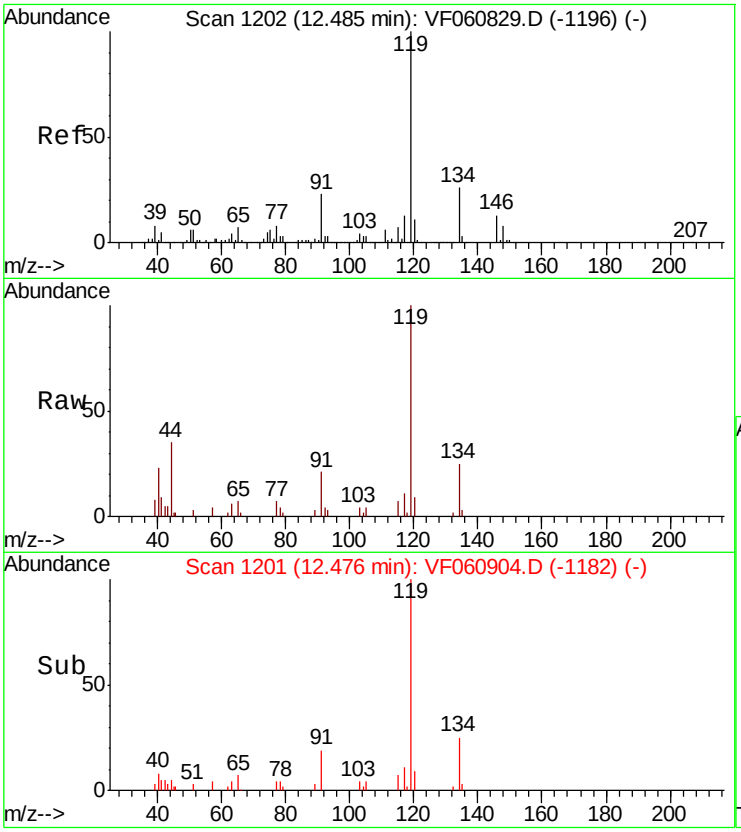


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion:152 Resp: 95038

Ion	Ratio	Lower	Upper
152	100		
115	65.5	30.1	90.5
150	164.0	0.0	327.6



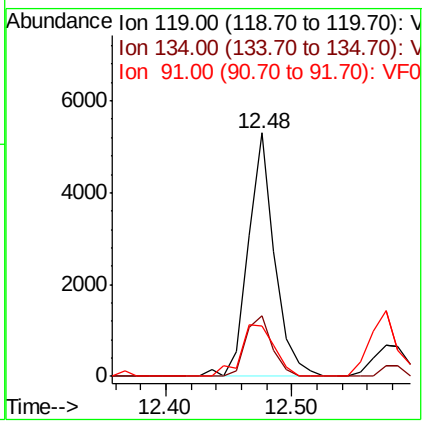


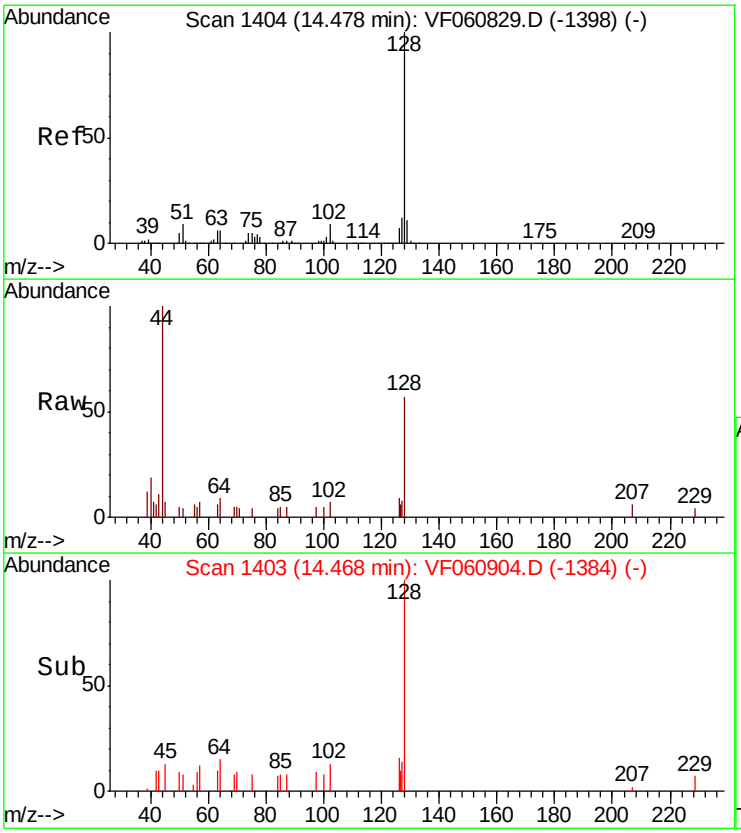
#86
p-Isopropyltoluene
Concen: 1.078 ug/l
RT: 12.48 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Instrument :
MSVOA_F
ClientSampleId :
S1

Tgt Ion:119 Resp: 7681

Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.9	38.6
91	20.7	11.8	35.3





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF060904.D
Acq: 3 Dec 2018 21:15

Tgt Ion:128 Resp: 2246

Ion	Ratio	Lower	Upper
128	100		
127	24.1	9.9	14.9#
129	0.0	9.1	13.7#