Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060862.D
Acq On : 28 Nov 2018 18:05
Operator : VA/AP
Sample : J5767-23RE
Misc : 7.42g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Quant Time: Nov 29 03:30:12 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	192244	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	342527	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	303468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	147183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	122663	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.32%			
35) Dibromofluoromethane	4.14	113	136612	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	7.57	98	337755	42.20	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.40%			
62) 4-Bromofluorobenzene	11.43	95	157692	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.70%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	880	1.635	ug/l	53
11) Tert butyl alcohol	2.61	59	98	1.056	ug/l #	62
13) Acrolein	1.96	56	438	4.980	ug/l #	17
15) Acrylonitrile	2.95	53	347	1.667	ug/l #	11
16) Acetone	2.25	43	5337	12.779	ug/l #	91
18) Methyl Acetate	2.41	43	2039	1.302	ug/l #	61
20) Methylene Chloride	2.20	84	3850	2.513	ug/l	95
25) 2-Butanone	4.35	43	1311	1.815	ug/l #	57
29) Tetrahydrofuran	4.10	42	512	1.672	ug/l #	49
41) Methacrylonitrile	4.75	41	231	Below Cal	#	23
43) Isopropyl Acetate	6.97	43	276	Below Cal	#	49
49) 1,4-Dioxane	6.73	88	130	12.710	ug/l #	16
68) m/p-Xylenes	10.16	106	5870	1.485	ug/l	84
95) Naphthalene	14.47	128	4859	Below Cal		98

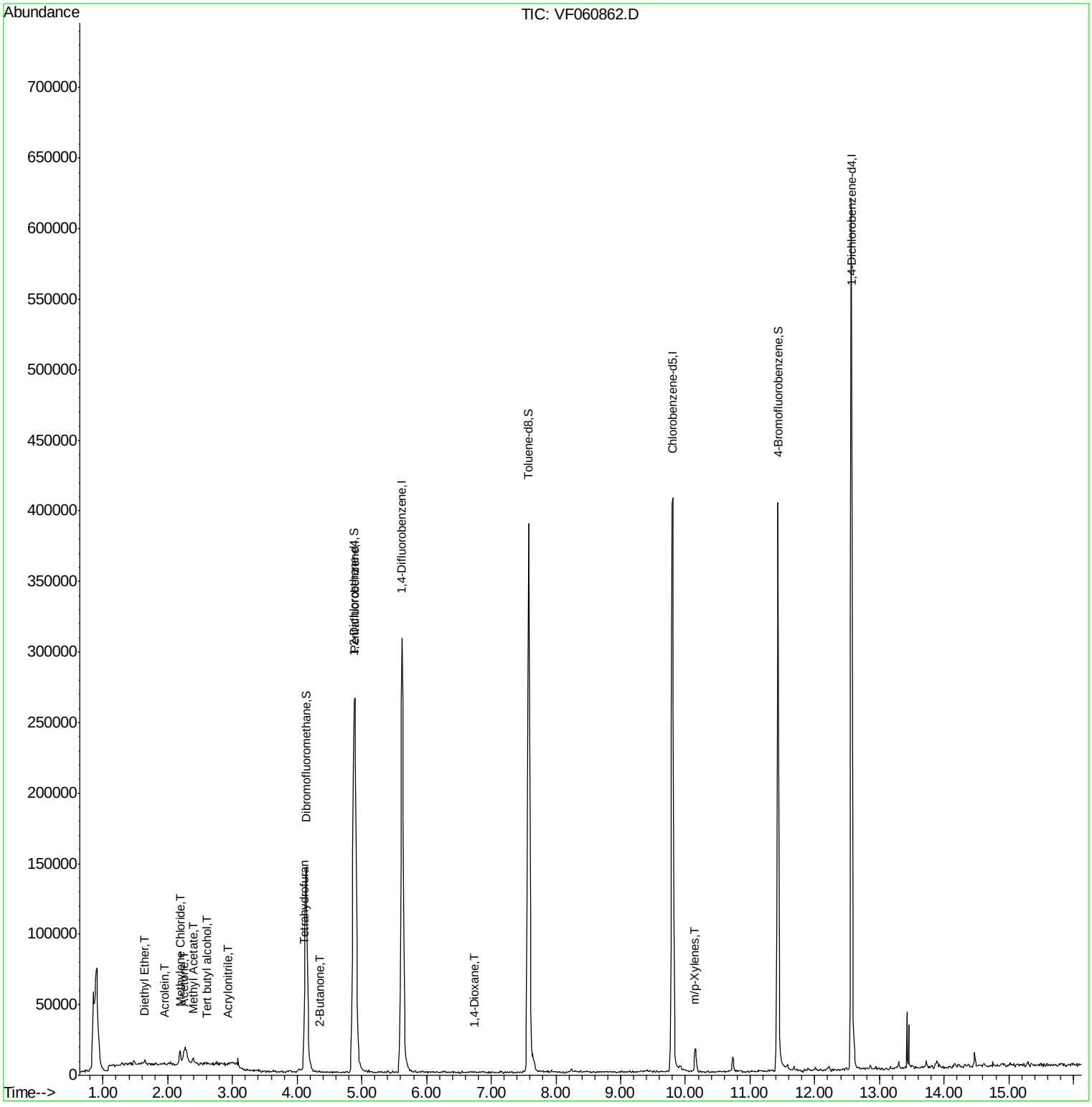
(#) = qualifier out of range (m) = manual integration (+) = signals summed

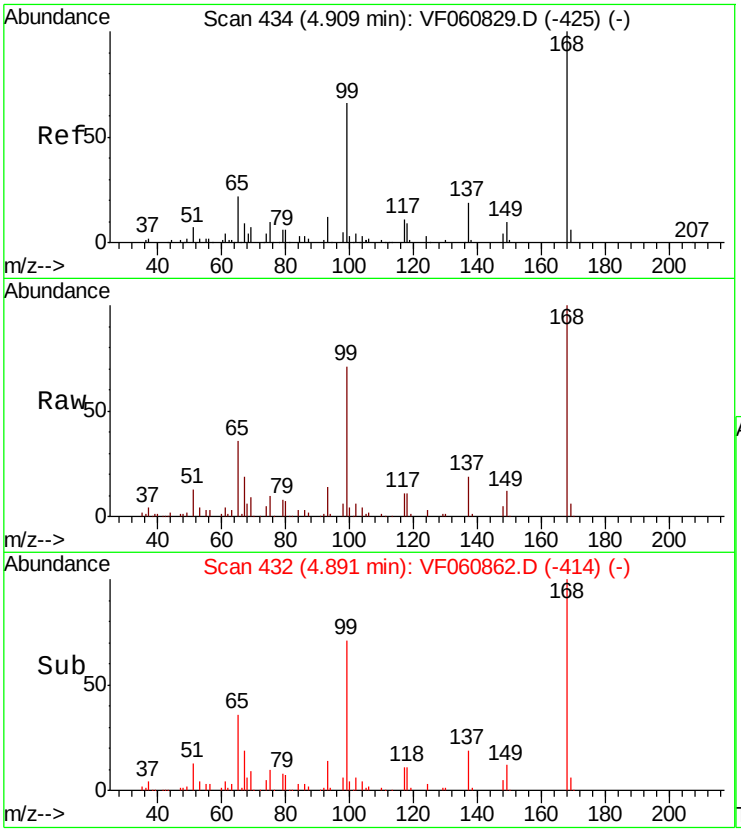
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060862.D
Acq On : 28 Nov 2018 18:05
Operator : VA/AP
Sample : J5767-23RE
Misc : 7.42g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Quant Time: Nov 29 03:30:12 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



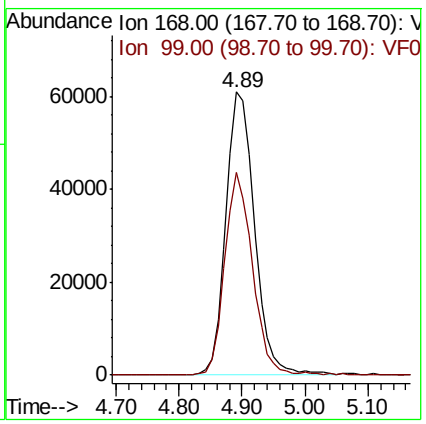


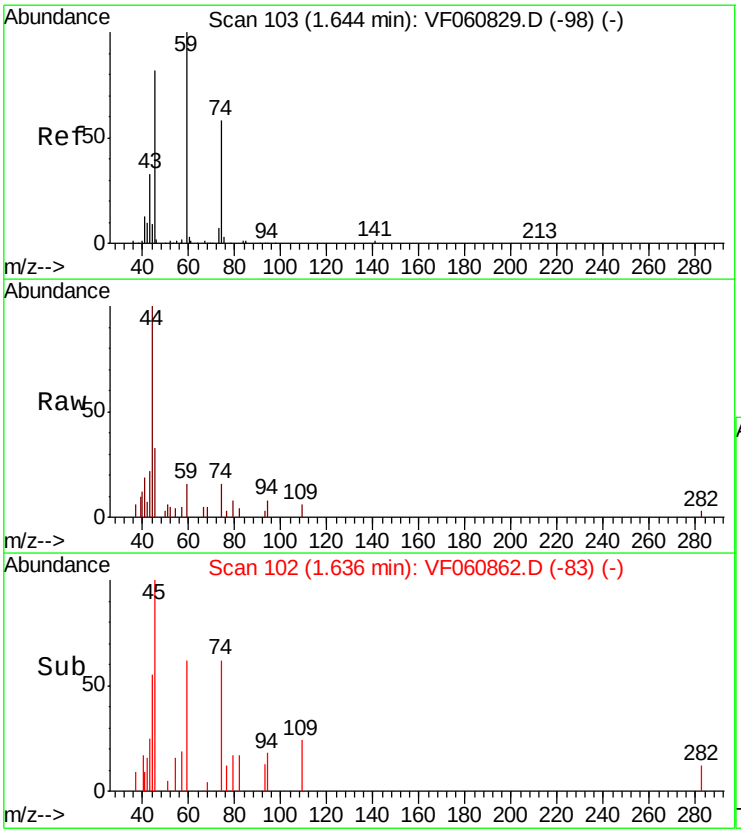
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion:168 Resp: 192244

Ion	Ratio	Lower	Upper
168	100		
99	71.5	52.6	79.0

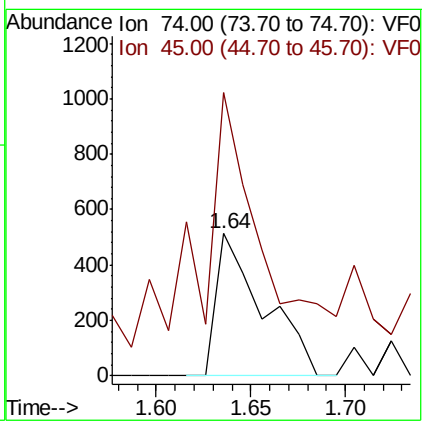


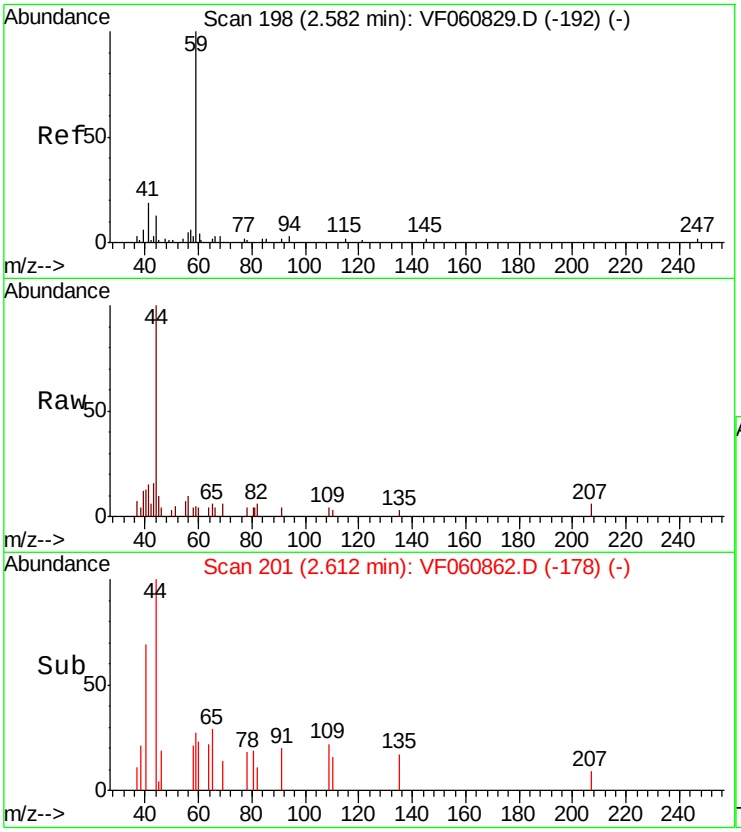


#8
Diethyl Ether
Concen: 1.635 ug/l
RT: 1.64 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 74 Resp: 880

Ion	Ratio	Lower	Upper
74	100		
45	199.2	71.0	212.8



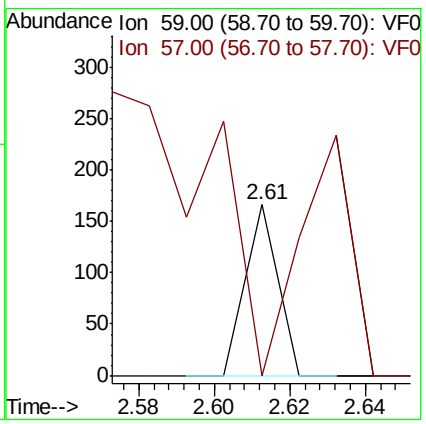


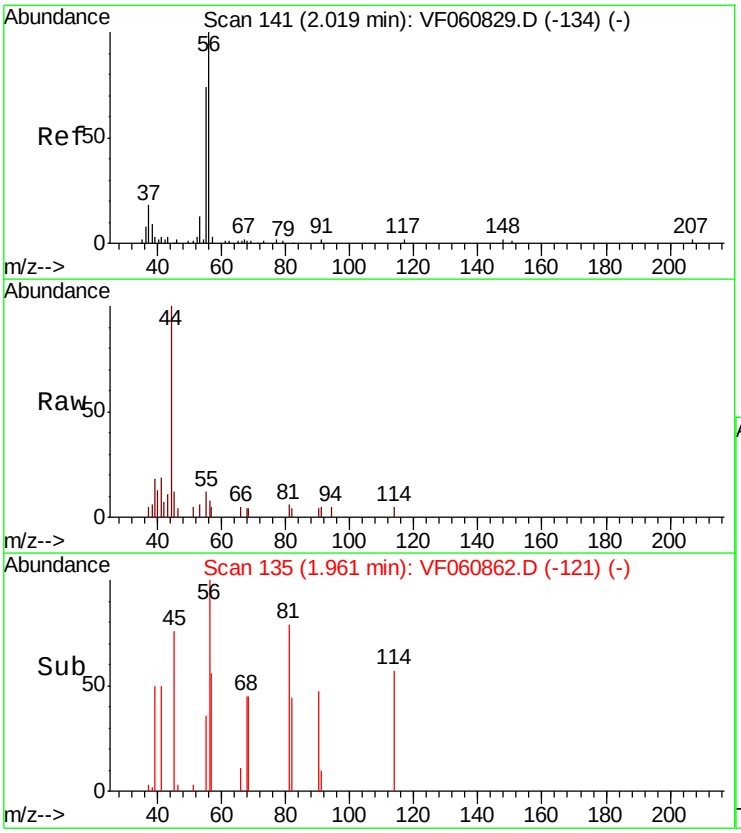
#11
Tert butyl alcohol
Concen: 1.056 ug/l
RT: 2.61 min Scan# 201
Delta R.T. 0.03 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion: 59 Resp: 98

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#

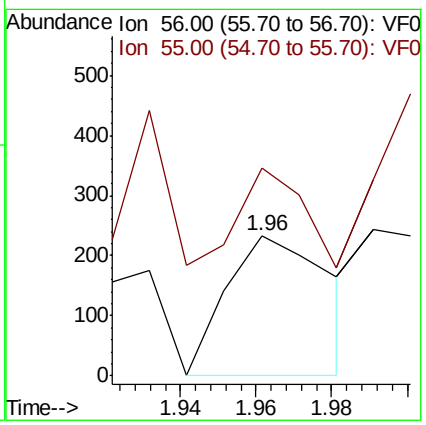


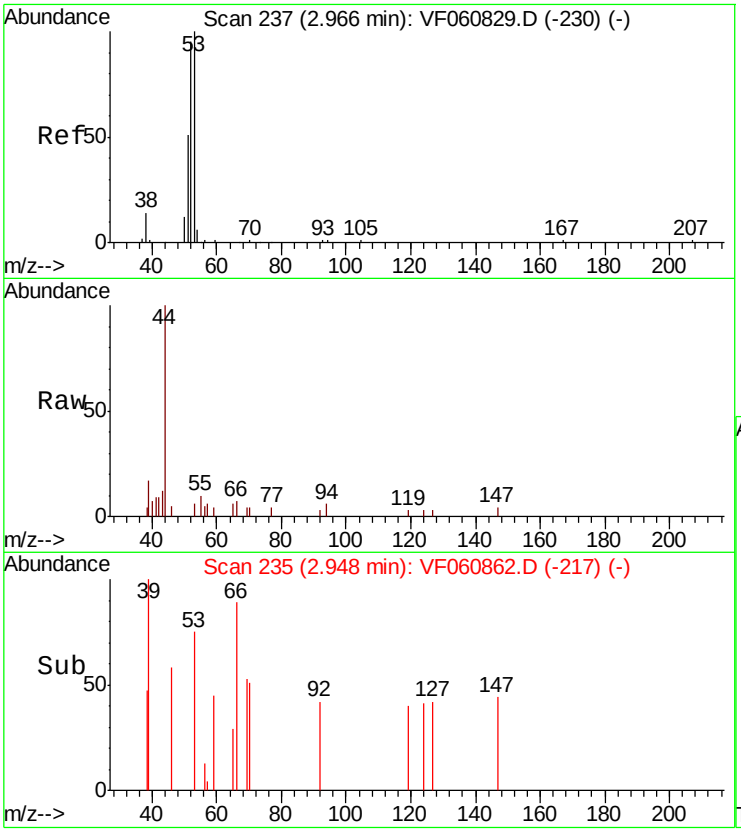


#13
Acrolein
Concen: 4.980 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.06 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 56 Resp: 438

Ion	Ratio	Lower	Upper
56	100		
55	148.1	61.2	91.8#



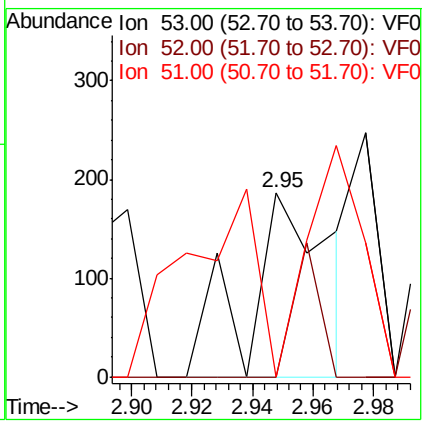


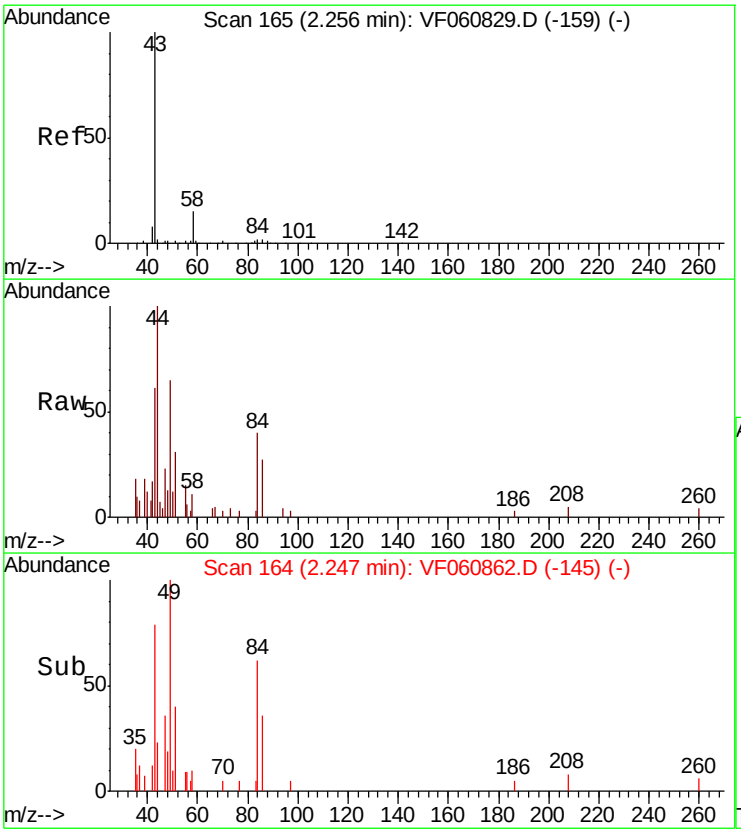
#15
Acrylonitrile
Concen: 1.667 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion: 53 Resp: 347

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	0.0	40.7	61.1#

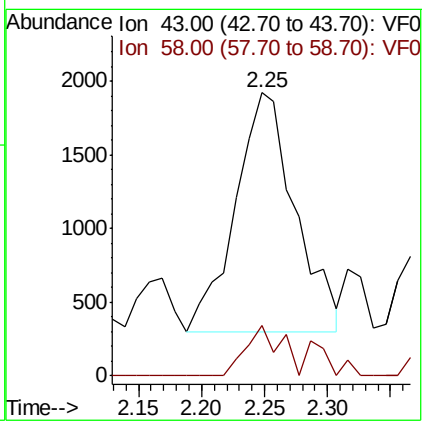


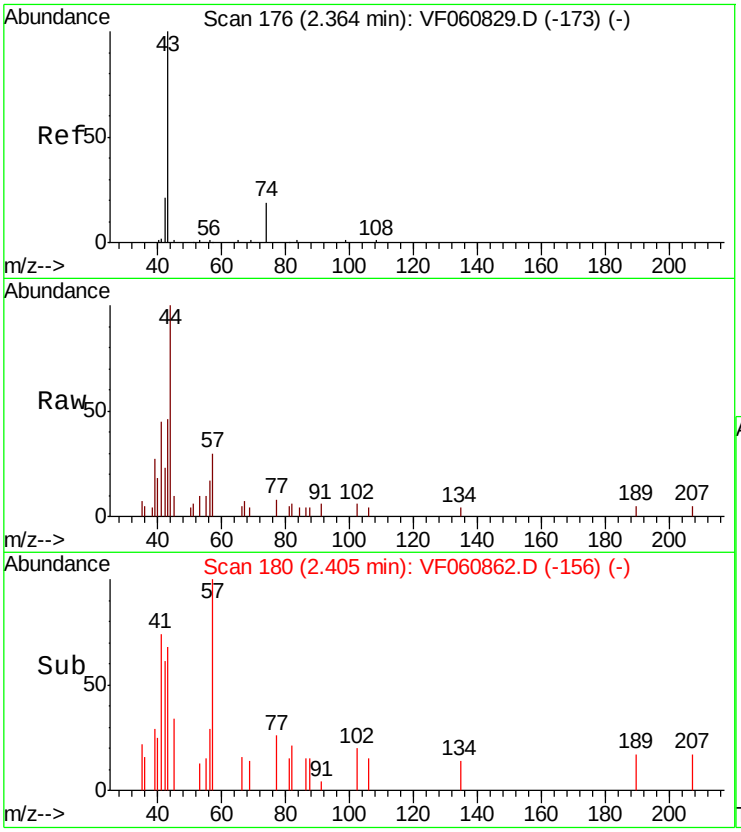


#16
Acetone
Concen: 12.779 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 43 Resp: 5337

Ion	Ratio	Lower	Upper
43	100		
58	18.0	11.4	17.2#



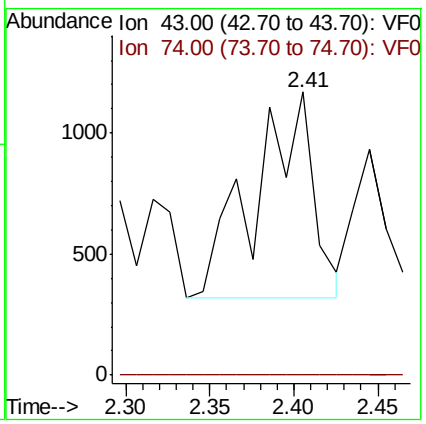


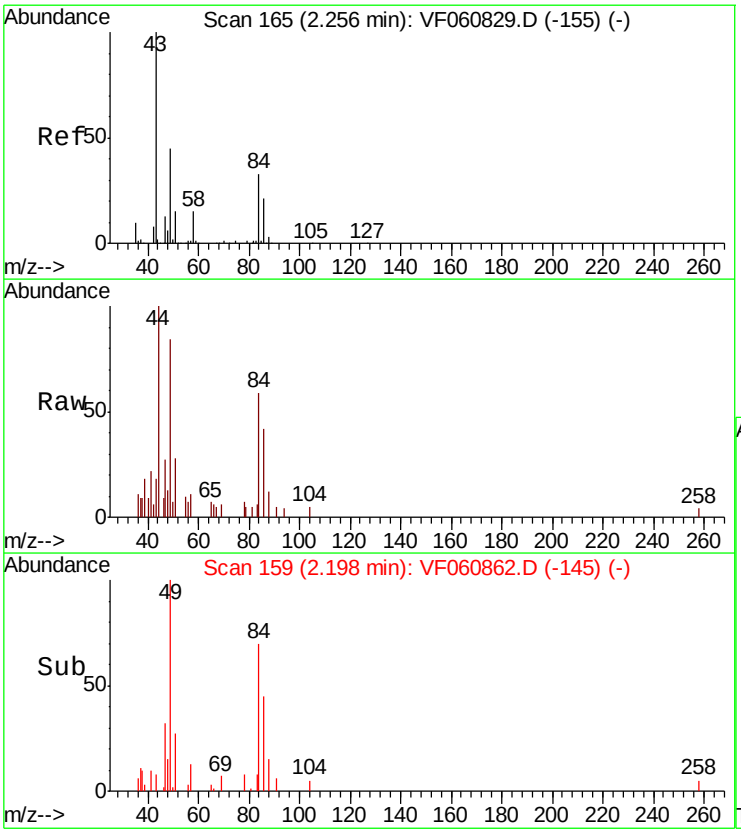
#18
Methyl Acetate
Concen: 1.302 ug/l
RT: 2.41 min Scan# 180
Delta R.T. 0.04 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion: 43 Resp: 2039

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

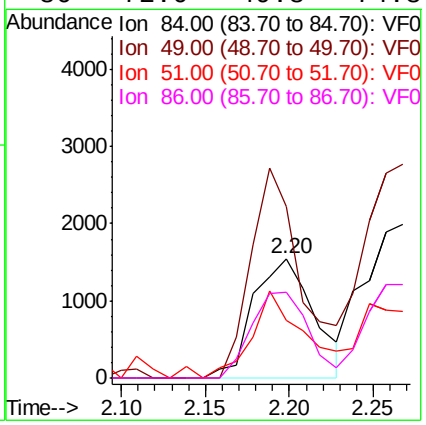


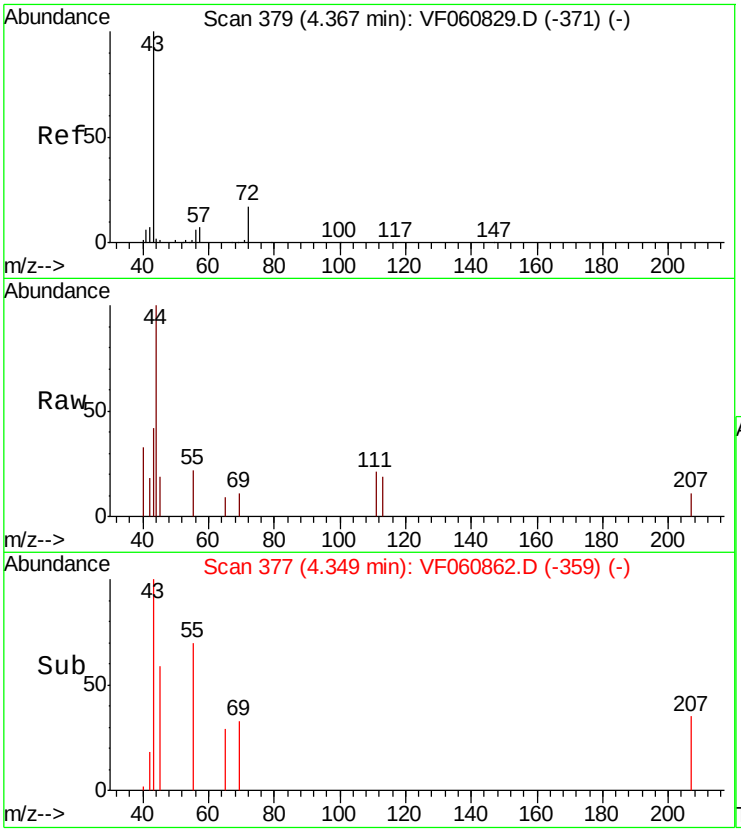


#20
Methylene Chloride
Concen: 2.513 ug/l
RT: 2.20 min Scan# 159
Delta R.T. -0.06 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 84 Resp: 3850

Ion	Ratio	Lower	Upper
84	100		
49	143.1	111.3	166.9
51	48.6	38.0	57.0
86	72.0	49.8	74.8



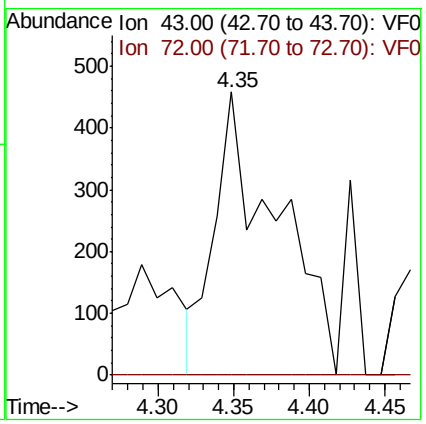


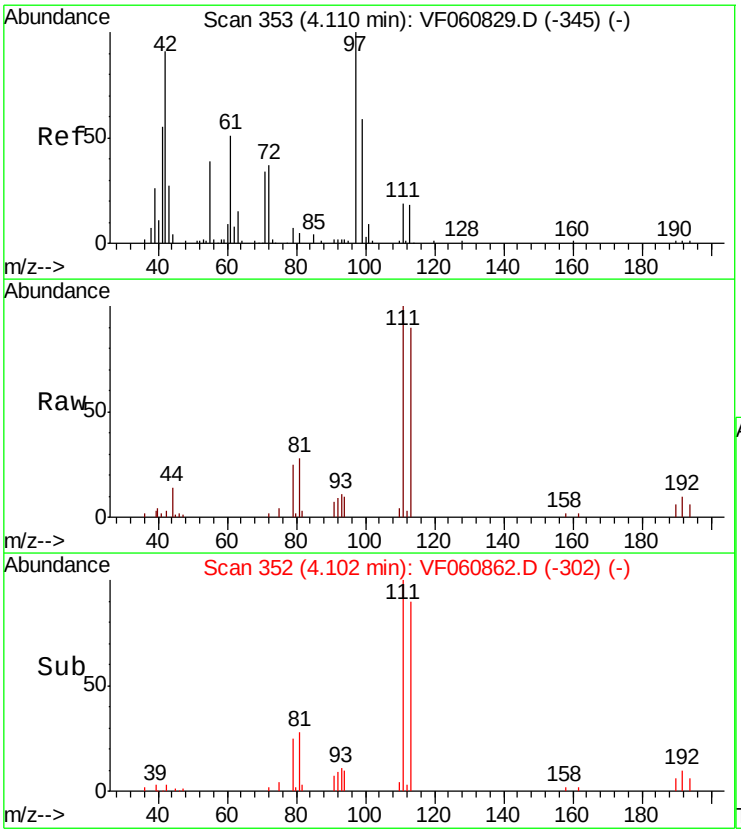
#25
2-Butanone
Concen: 1.815 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion: 43 Resp: 1311

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

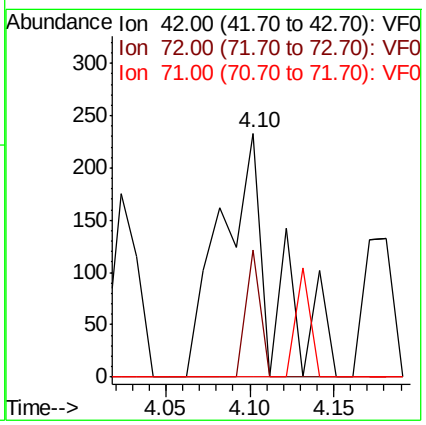


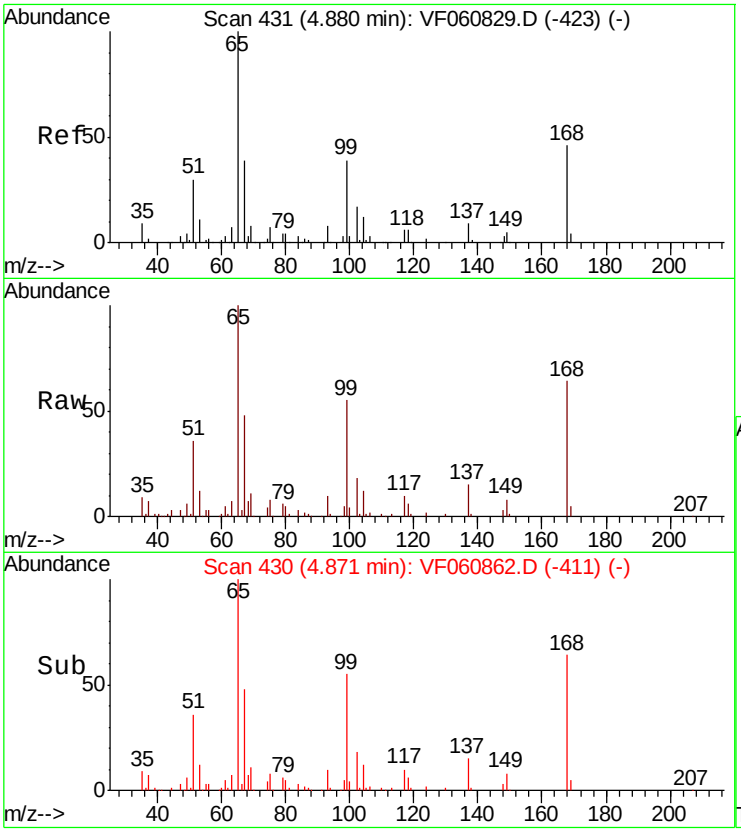


#29
Tetrahydrofuran
Concen: 1.672 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 42 Resp: 512

Ion	Ratio	Lower	Upper
42	100		
72	14.1	31.9	47.9#
71	0.0	28.7	43.1#



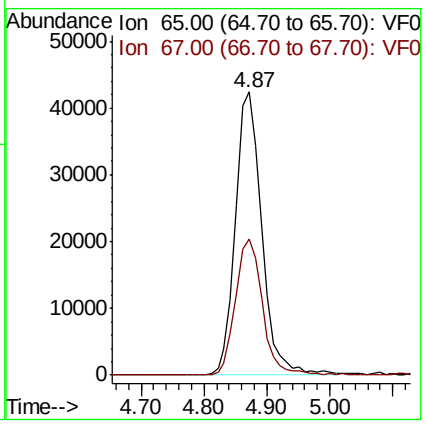


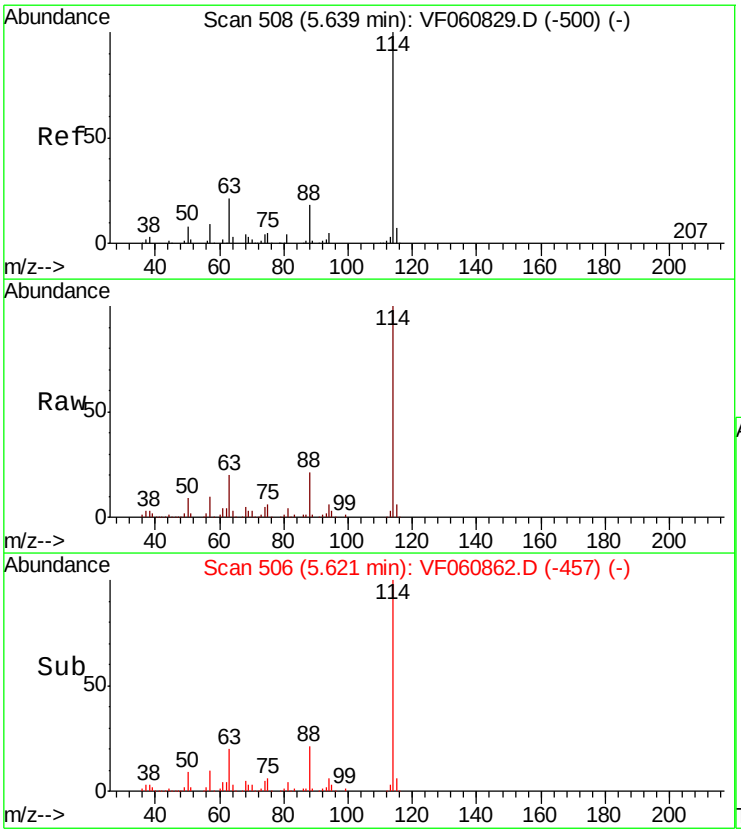
#33
1,2-Dichloroethane-d4
Concen: 54.163 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion: 65 Resp: 122663

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	96.4

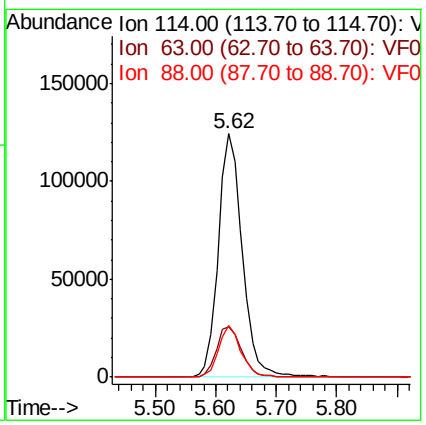


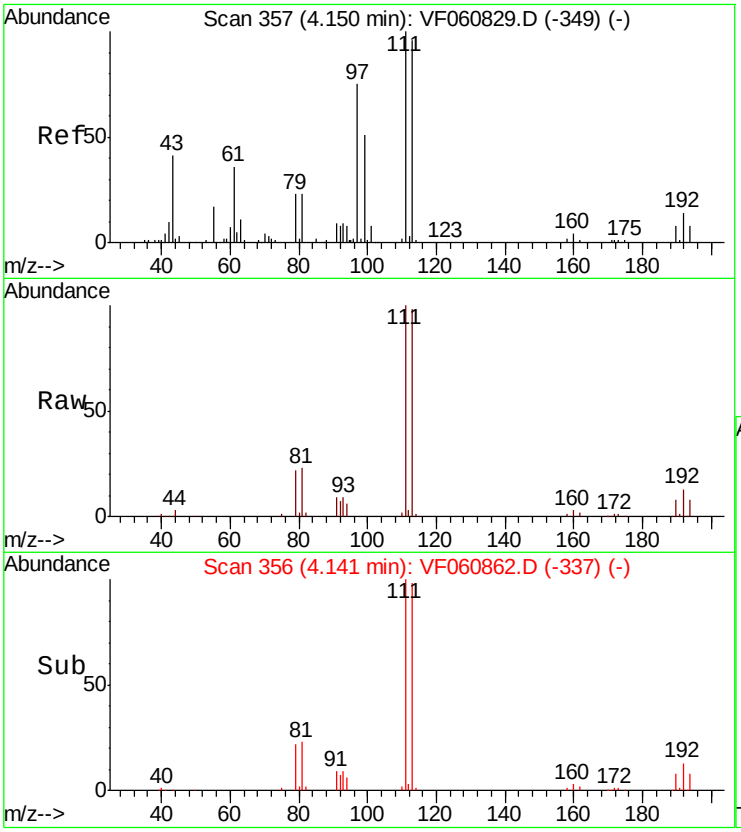


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion:114 Resp: 342527

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	21.2	0.0	36.6



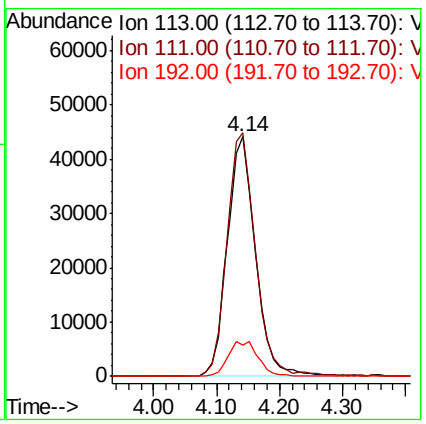


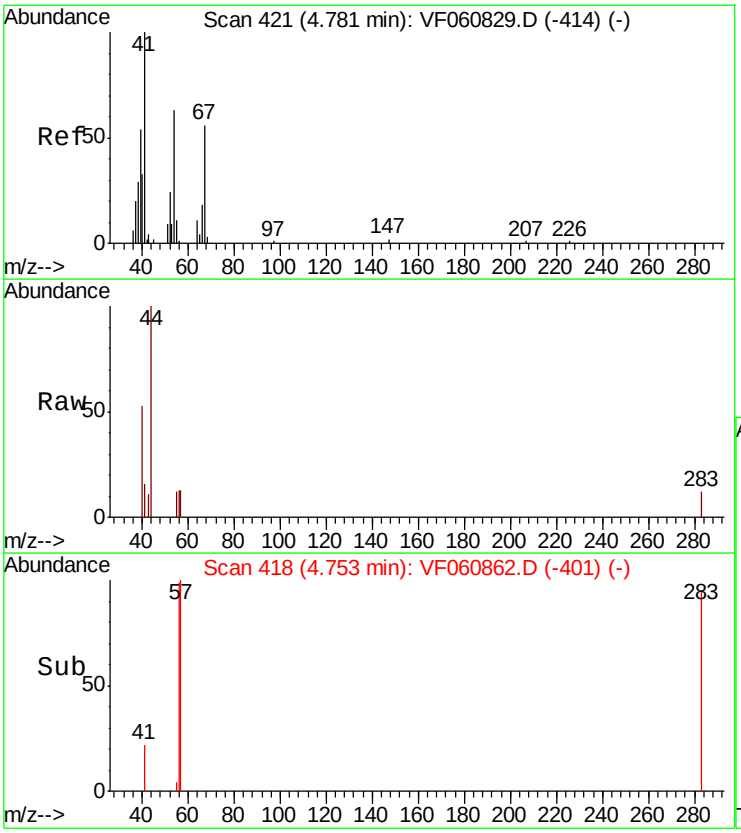
#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion:113 Resp: 136612

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	13.2	12.3	18.5

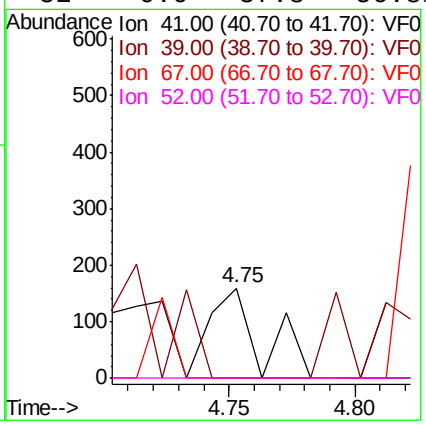


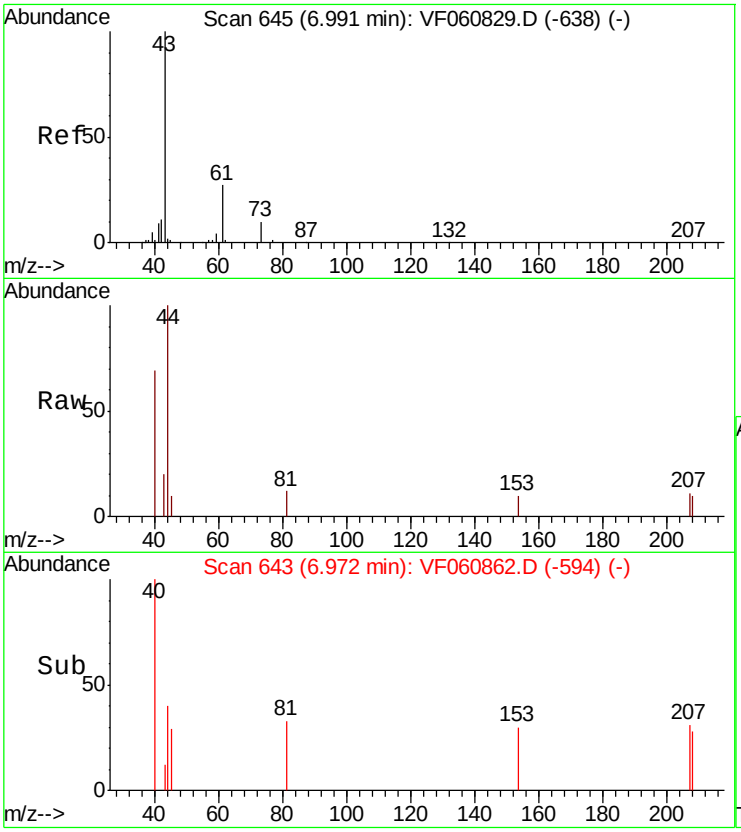


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.75 min Scan# 418
Delta R.T. -0.03 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 41 Resp: 231

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#



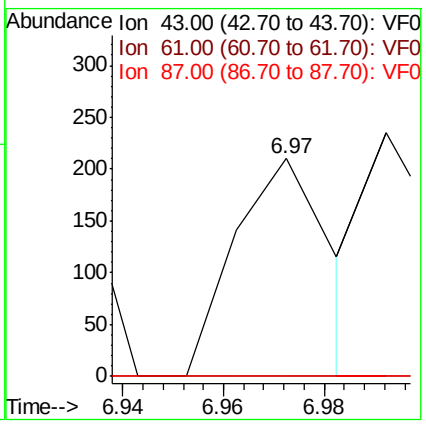


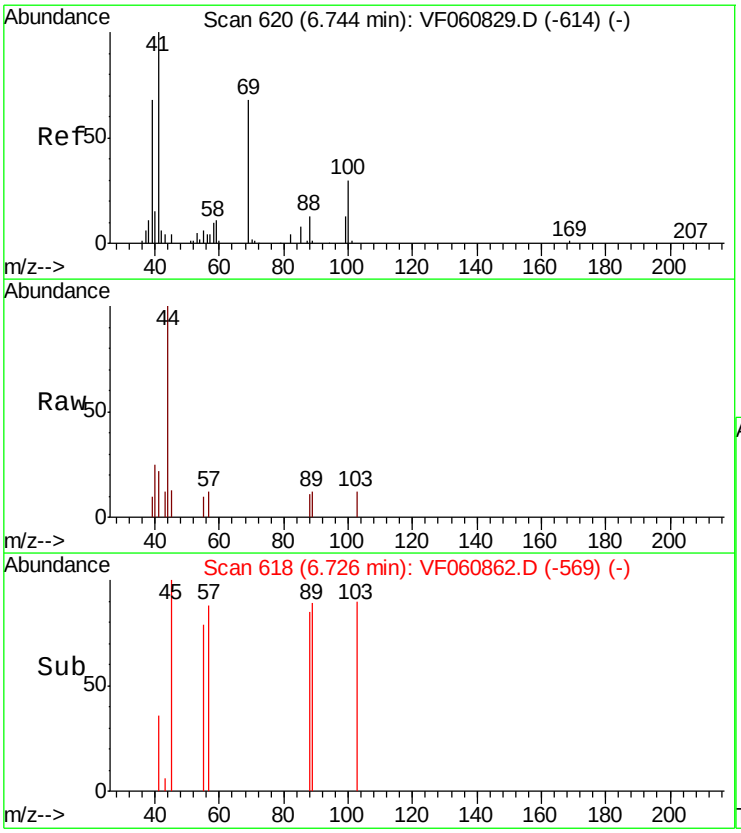
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 643
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion: 43 Resp: 276

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

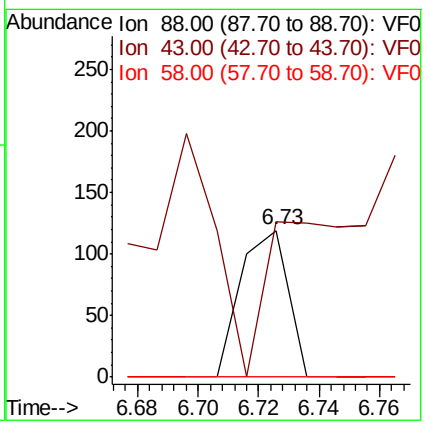


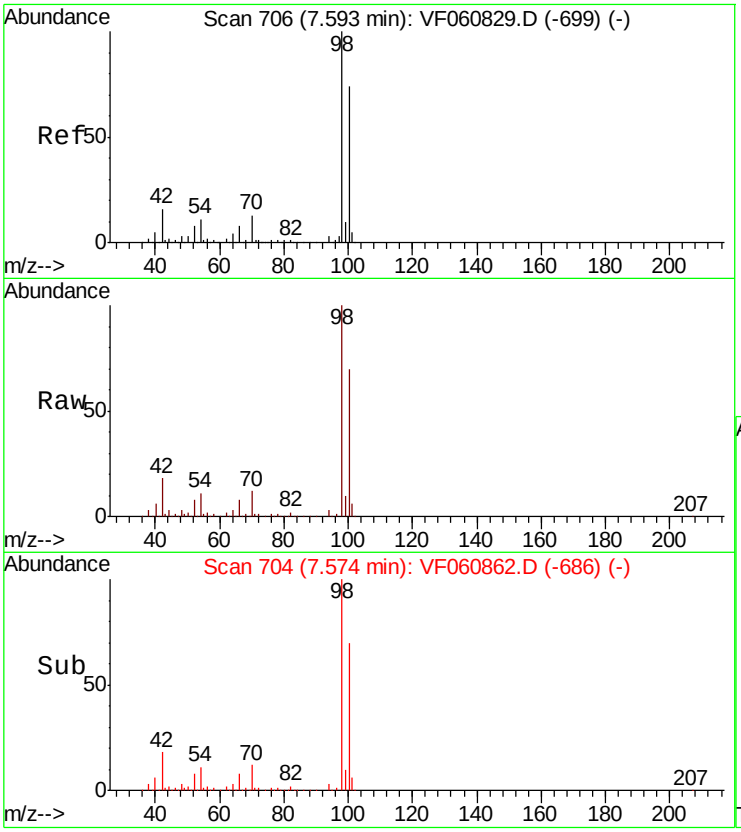


#49
1,4-Dioxane
Concen: 12.710 ug/l
RT: 6.73 min Scan# 618
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 88 Resp: 130

Ion	Ratio	Lower	Upper
88	100		
43	105.9	42.0	63.0#
58	0.0	61.8	92.8#



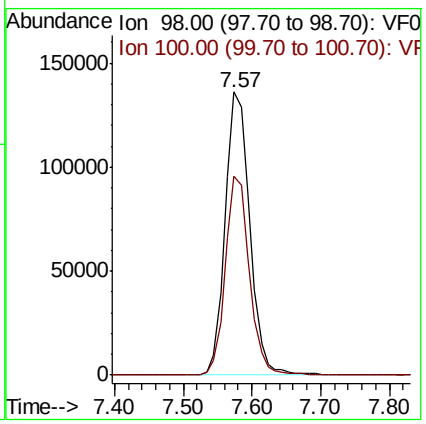


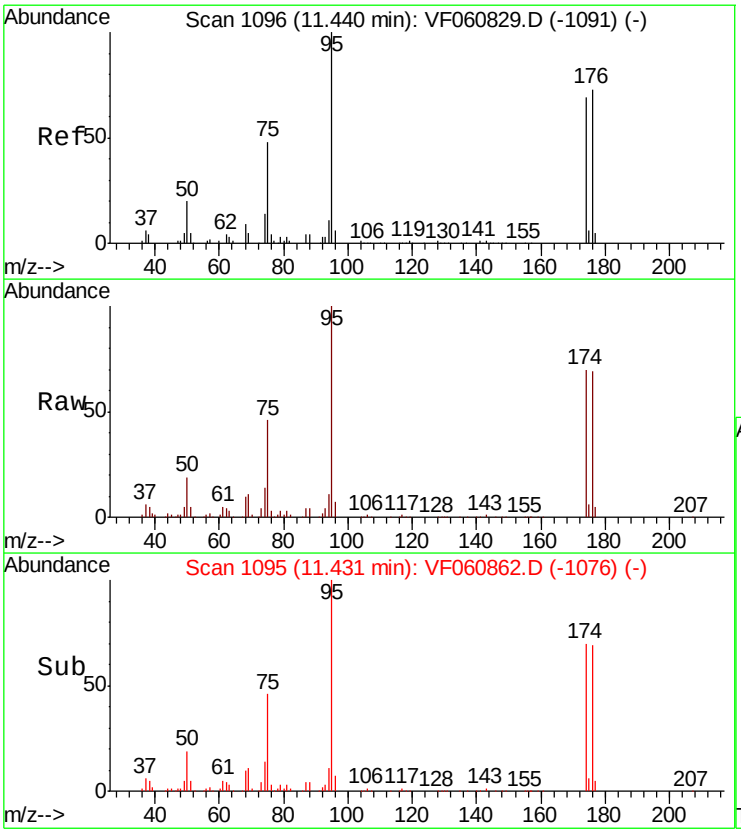
#50
Toluene-d8
Concen: 42.196 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion: 98 Resp: 337755

Ion	Ratio	Lower	Upper
98	100		
100	70.2	59.3	88.9

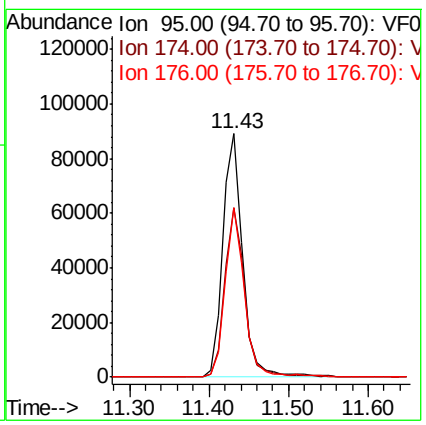


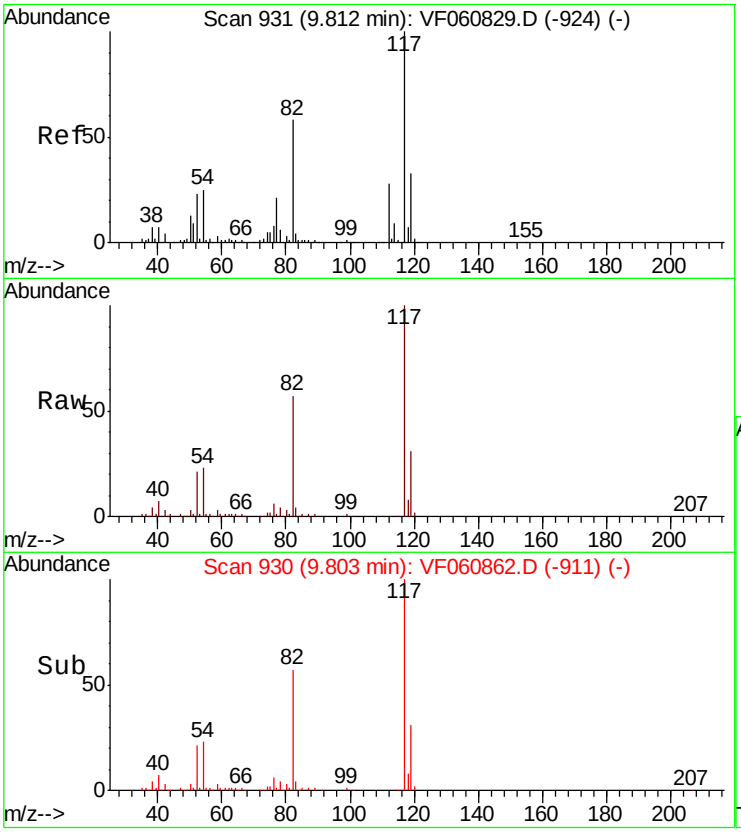


#62
4-Bromofluorobenzene
Concen: 43.347 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion: 95 Resp: 157692

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	138.2
176	69.4	0.0	146.2



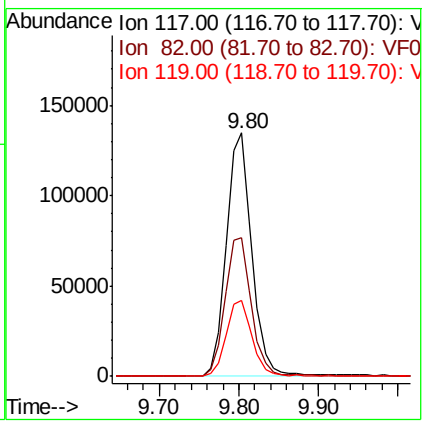


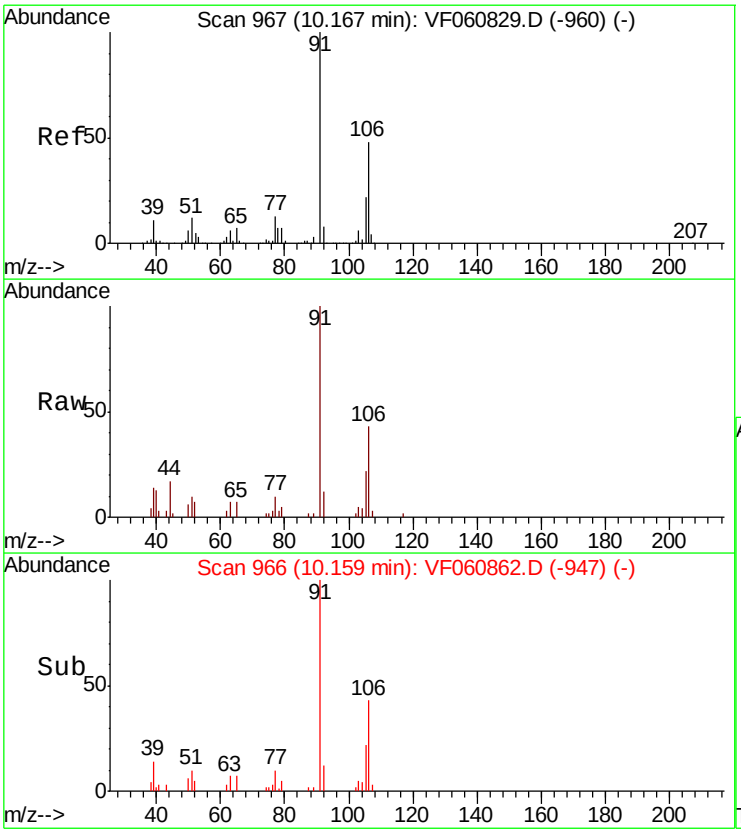
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion:117 Resp: 303468

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.6	69.8
119	31.1	26.4	39.6

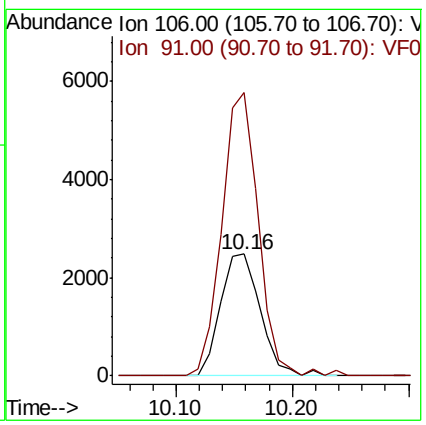


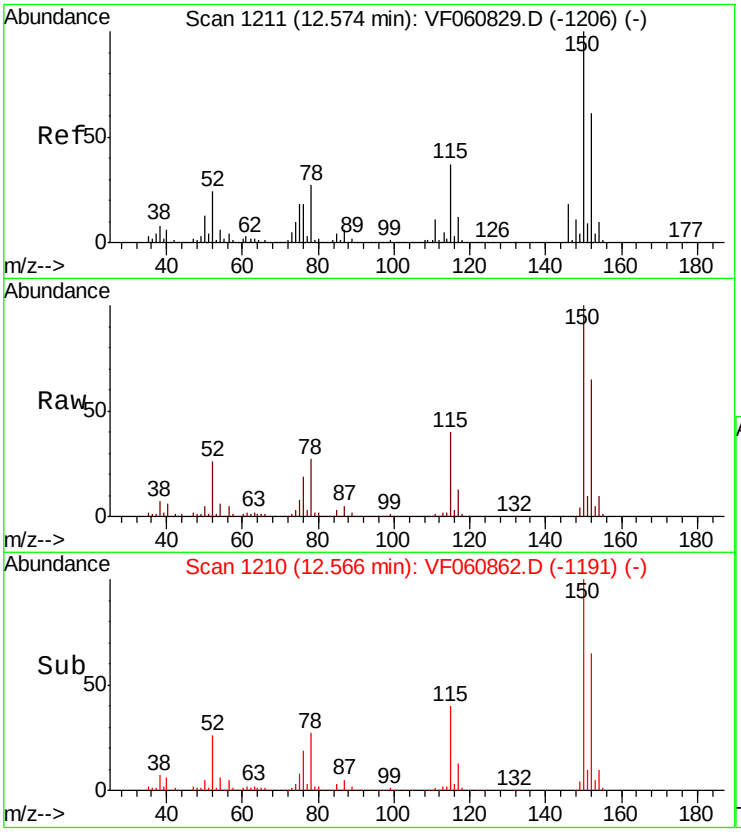


#68
m/p-Xylenes
Concen: 1.485 ug/l
RT: 10.16 min Scan# 966
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion:106 Resp: 5870

Ion	Ratio	Lower	Upper
106	100		
91	232.7	166.7	250.1



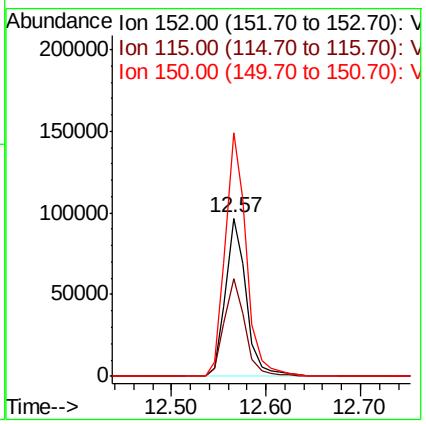


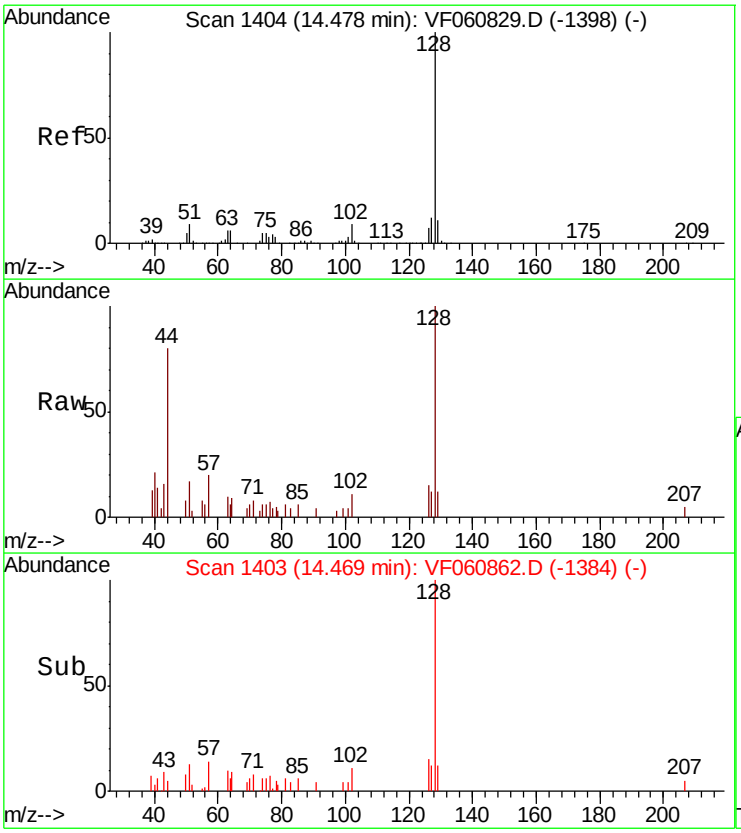
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument : MSVOA_F
ClientSampleId : CL-02-112818-D

Tgt Ion:152 Resp: 147183

Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.1	90.5
150	154.2	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion:128 Resp: 4859

Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.9	14.9
129	12.2	9.1	13.7