Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060919.D
Acq On : 6 Dec 2018 16:09
Operator : VA/AP
Sample : J6248-03
Misc : 5.73g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 16:46:42 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	4.87	168	181361	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	307714	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	263733	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	150370	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	110723	51.82	ug/l	-0.04
Spiked Amount 50.000			Recovery = 103.64%			
35) Dibromofluoromethane	4.11	113	114782	47.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 94.04%			
50) Toluene-d8	7.55	98	271730	37.79	ug/l	-0.04
Spiked Amount 50.000			Recovery = 75.58%			
62) 4-Bromofluorobenzene	11.41	95	130572	39.95	ug/l	-0.03
Spiked Amount 50.000			Recovery = 79.90%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	315	3.597	ug/l #	62
13) Acrolein	1.85	56	429	5.170	ug/l	97
15) Acrylonitrile	2.96	53	705	3.591	ug/l #	57
16) Acetone	2.24	43	1936	4.914	ug/l #	65
18) Methyl Acetate	2.37	43	2616	2.386	ug/l #	61
25) 2-Butanone	4.37	43	1957	2.872	ug/l #	57
29) Tetrahydrofuran	4.07	42	1210	4.189	ug/l #	46
41) Methacrylonitrile	4.73	41	358	Below Cal	#	45
43) Isopropyl Acetate	6.94	43	287	Below Cal	#	49
49) 1,4-Dioxane	6.28	88	66	7.183	ug/l #	5
51) 4-Methyl-2-Pentanone	8.25	43	1438	1.124	ug/l	92
59) 2-Hexanone	9.50	43	1119	1.247	ug/l	80
64) Tetrachloroethene	8.16	164	7144	3.546	ug/l	90
95) Naphthalene	14.46	128	2397	Below Cal	#	93

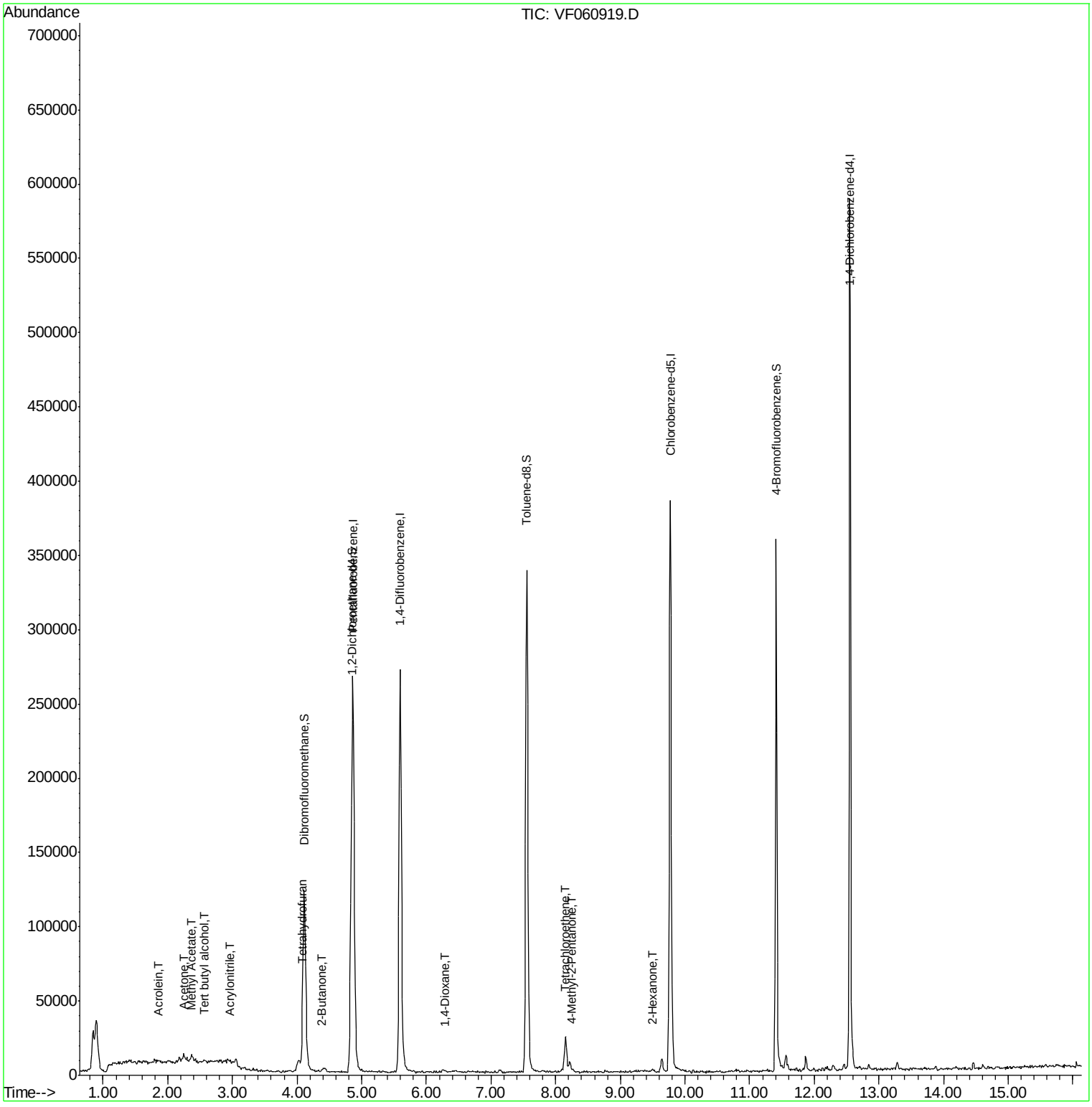
(#) = qualifier out of range (m) = manual integration (+) = signals summed

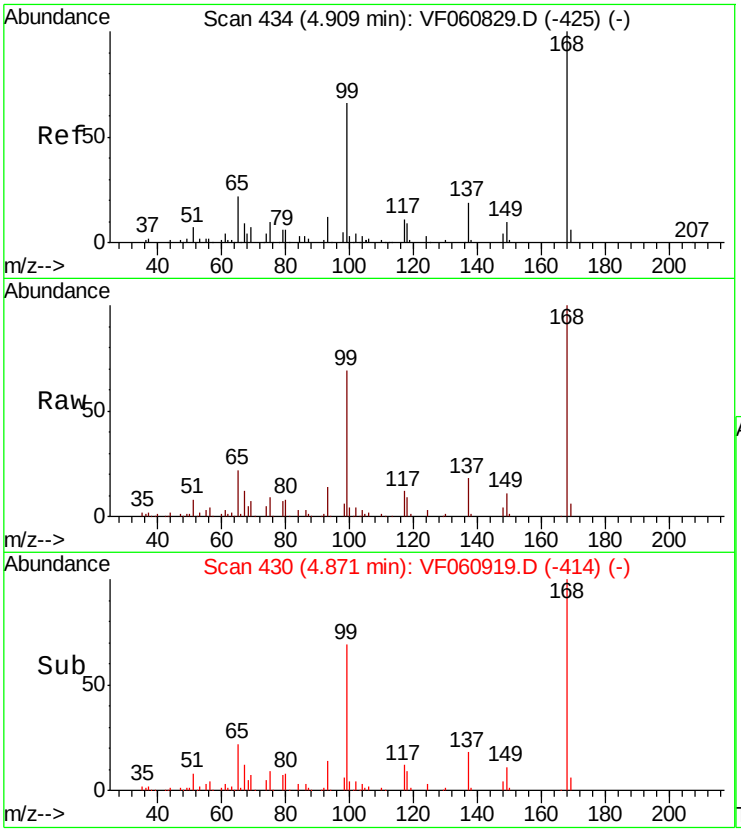
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060919.D
Acq On : 6 Dec 2018 16:09
Operator : VA/AP
Sample : J6248-03
Misc : 5.73g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 06 16:46:42 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



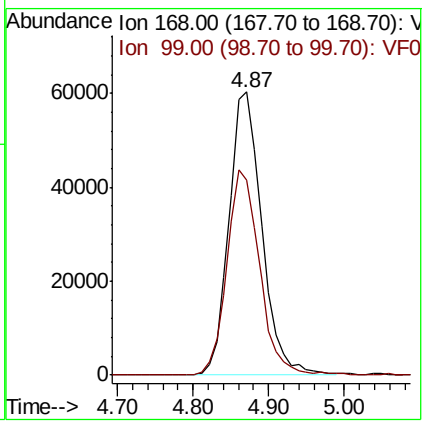


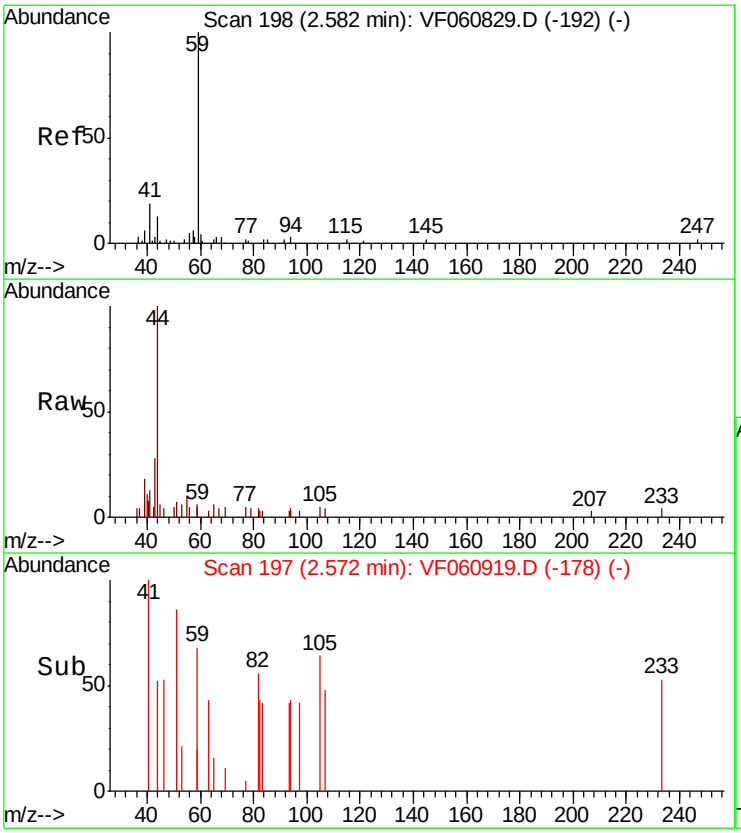
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 181361

Ion	Ratio	Lower	Upper
168	100		
99	68.8	52.6	79.0

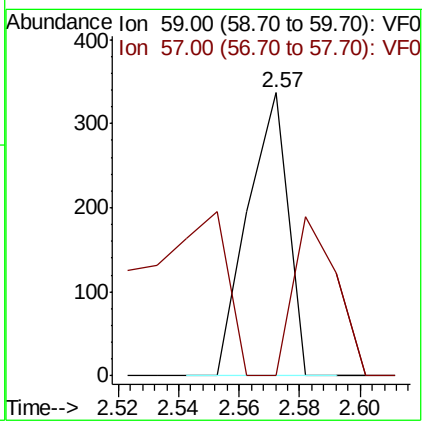


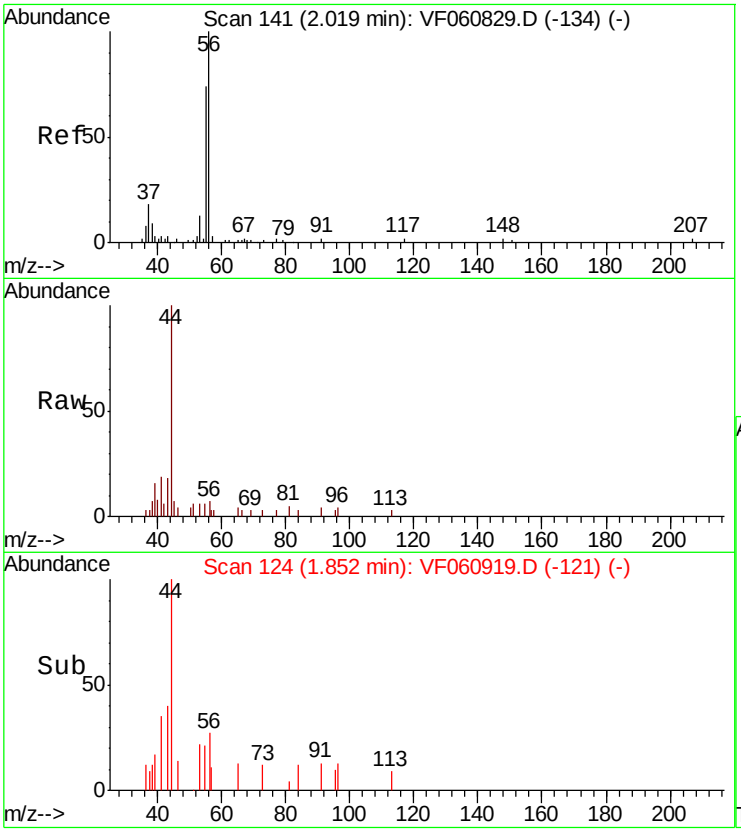


#11
Tert butyl alcohol
Concen: 3.597 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 59 Resp: 315

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



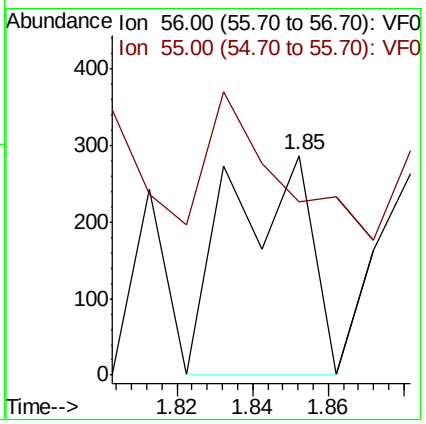


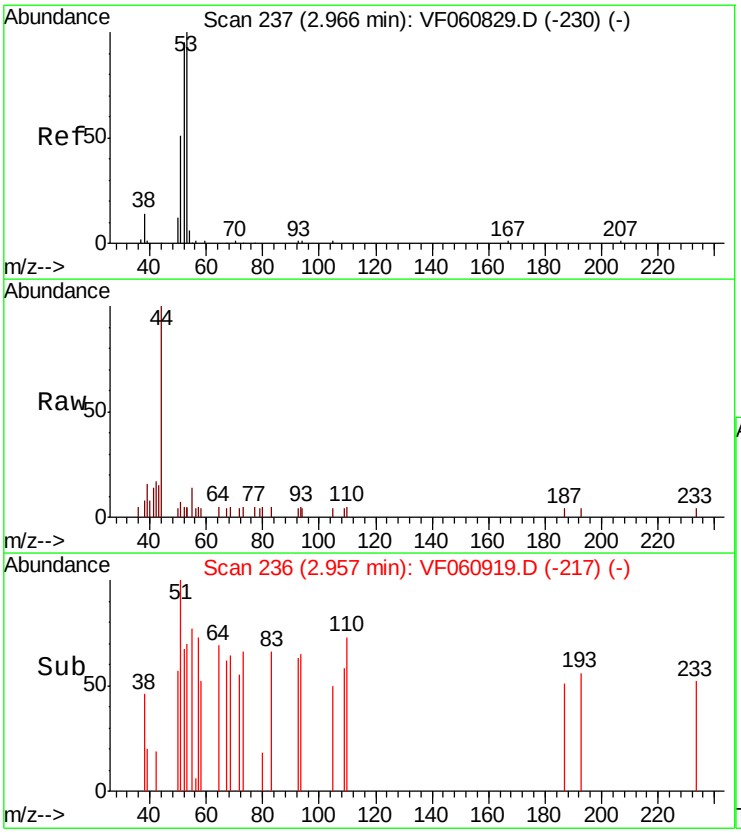
#13
Acrolein
Concen: 5.170 ug/l
RT: 1.85 min Scan# 124
Delta R.T. -0.17 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 429

Ion	Ratio	Lower	Upper
56	100		
55	78.7	61.2	91.8

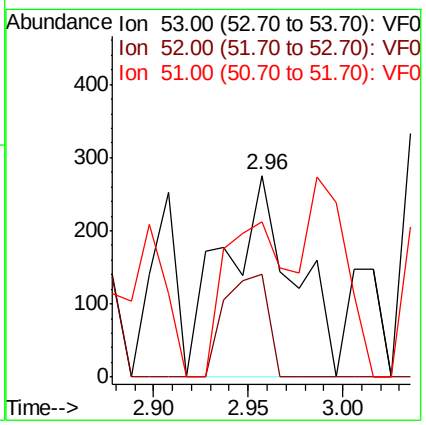


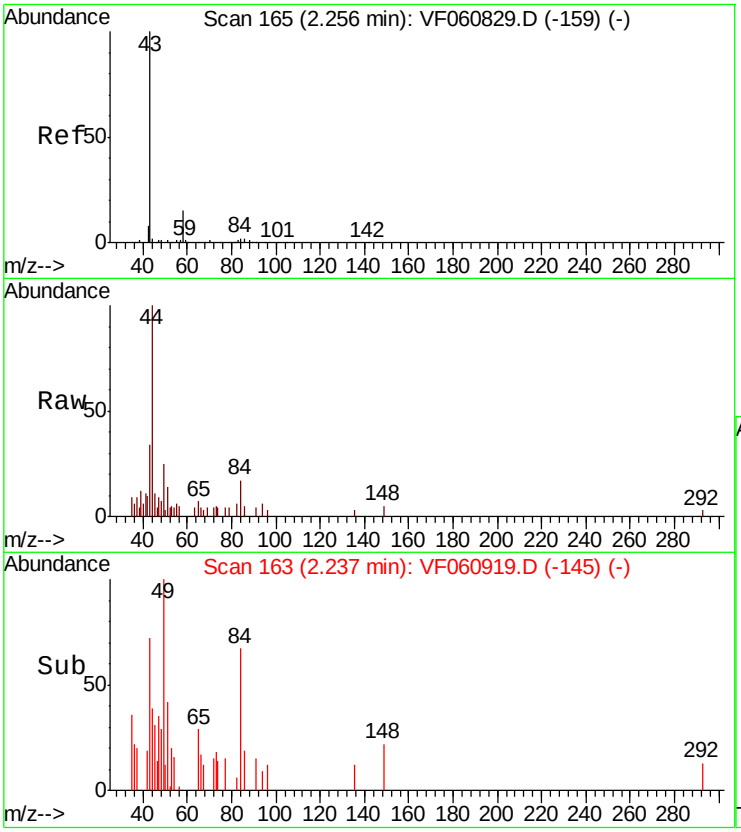


#15
Acrylonitrile
Concen: 3.591 ug/l
RT: 2.96 min Scan# 236
Delta R.T. -0.01 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 53 Resp: 705

Ion	Ratio	Lower	Upper
53	100		
52	51.1	76.5	114.7#
51	76.8	40.7	61.1#



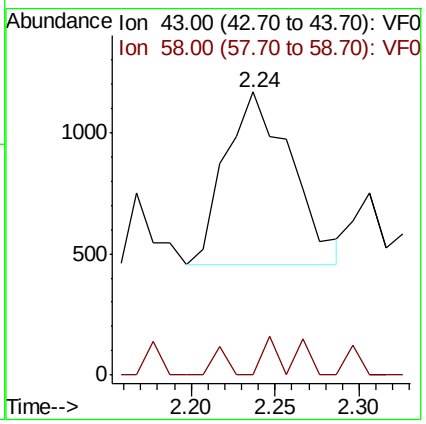


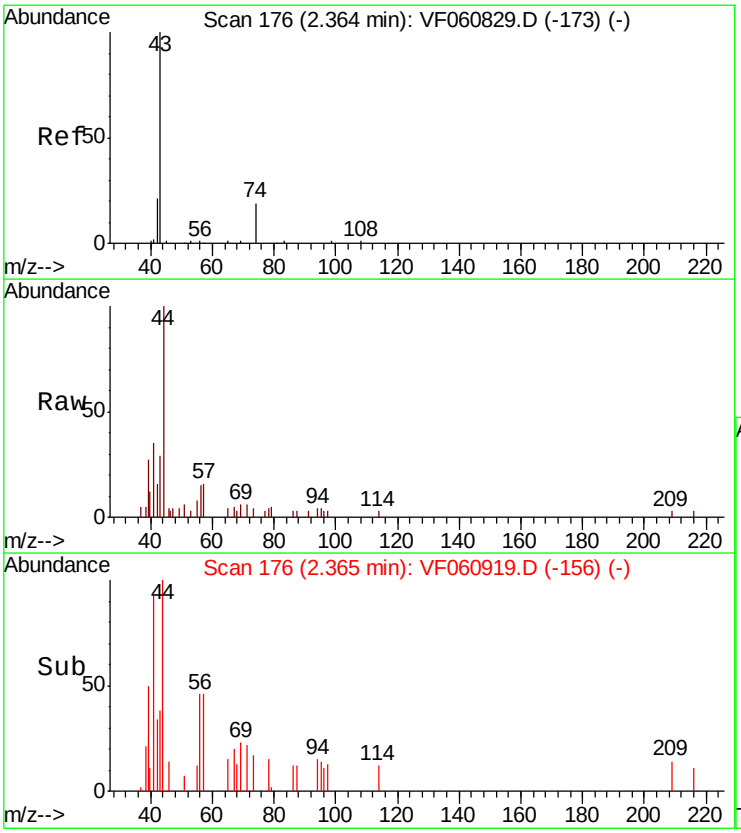
#16
Acetone
Concen: 4.914 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1936

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

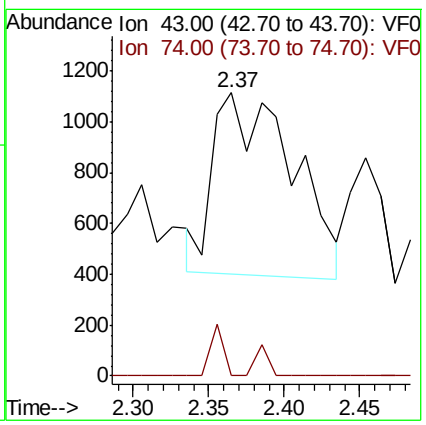


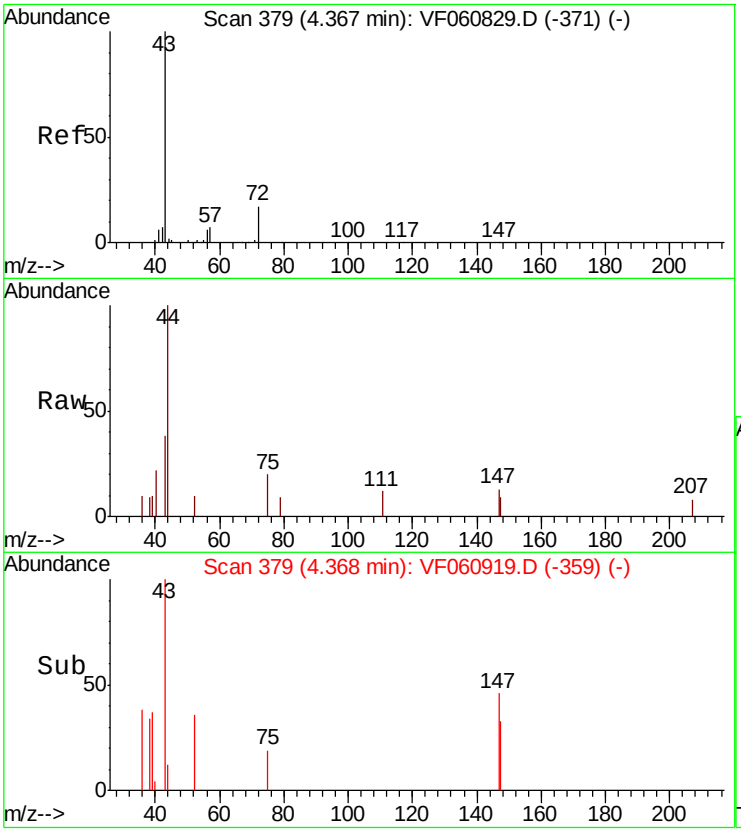


#18
Methyl Acetate
Concen: 2.386 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 43 Resp: 2616

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



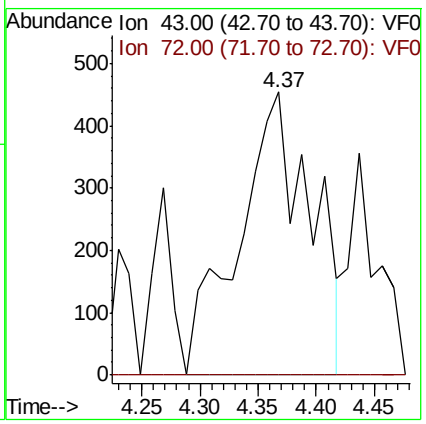


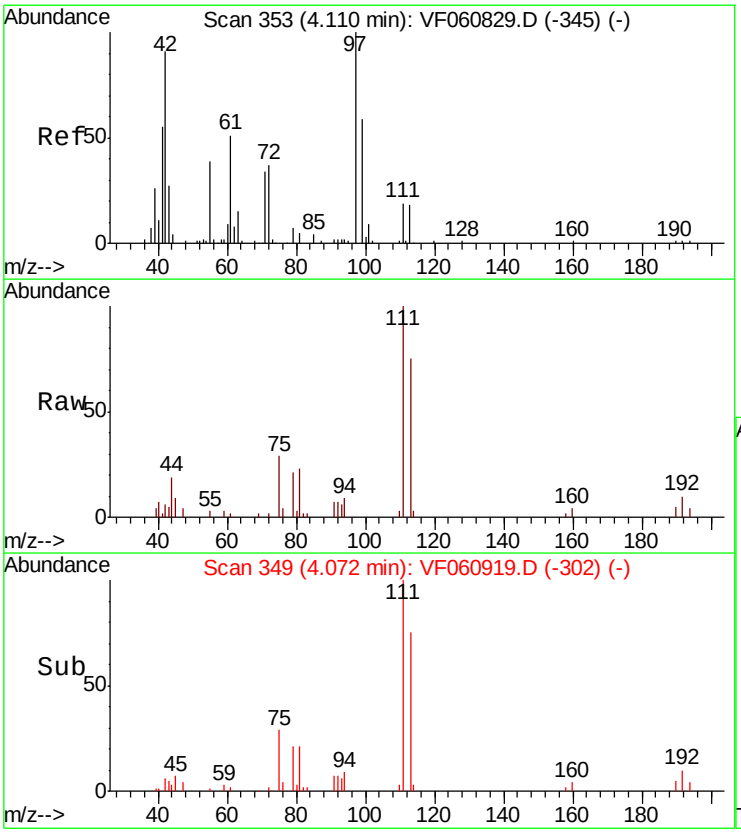
#25
2-Butanone
Concen: 2.872 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.00 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1957

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#

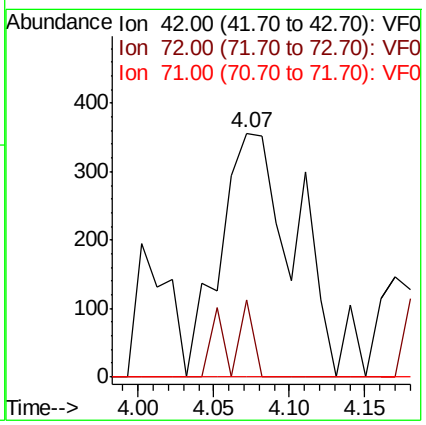


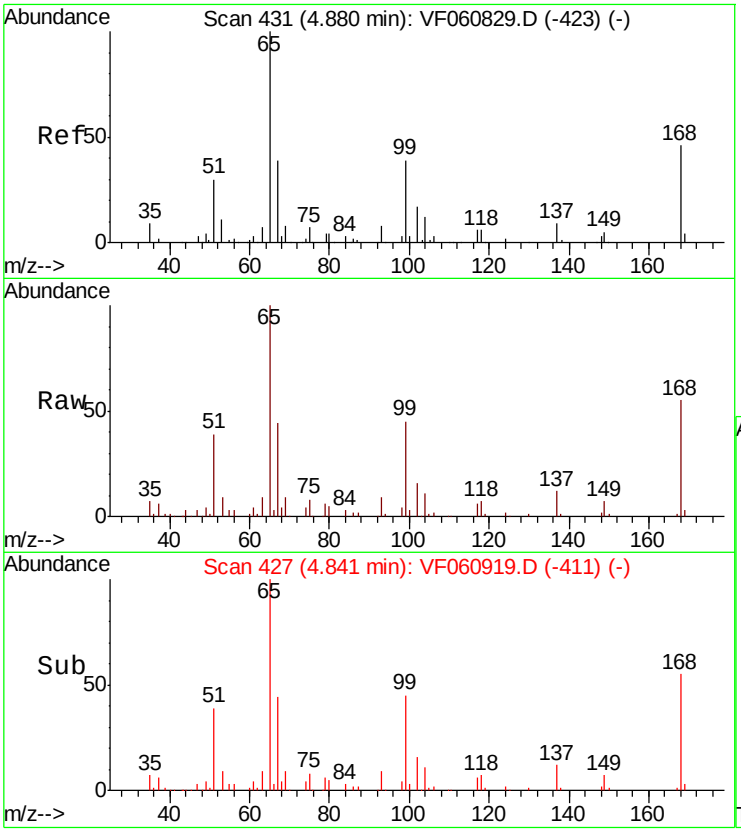


#29
Tetrahydrofuran
Concen: 4.189 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 42 Resp: 1210

Ion	Ratio	Lower	Upper
42	100		
72	10.5	31.9	47.9#
71	0.0	28.7	43.1#



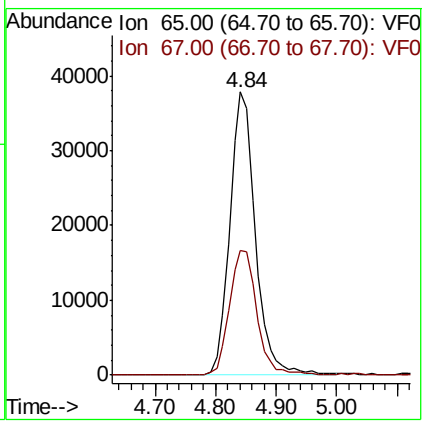


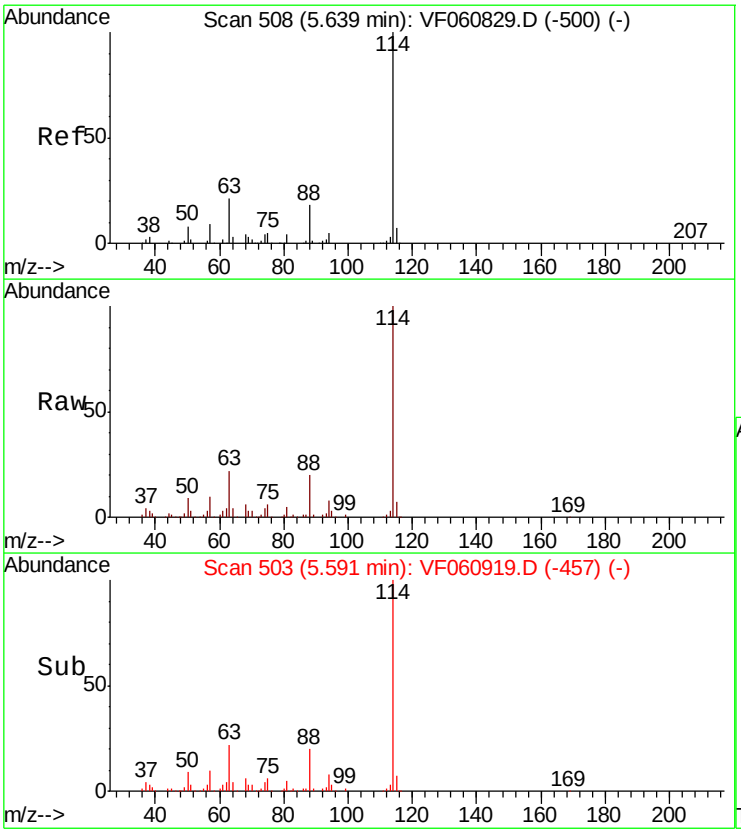
#33
1,2-Dichloroethane-d4
Concen: 51.825 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 110723

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	96.4

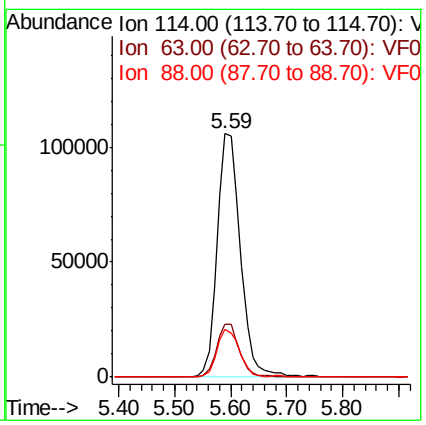


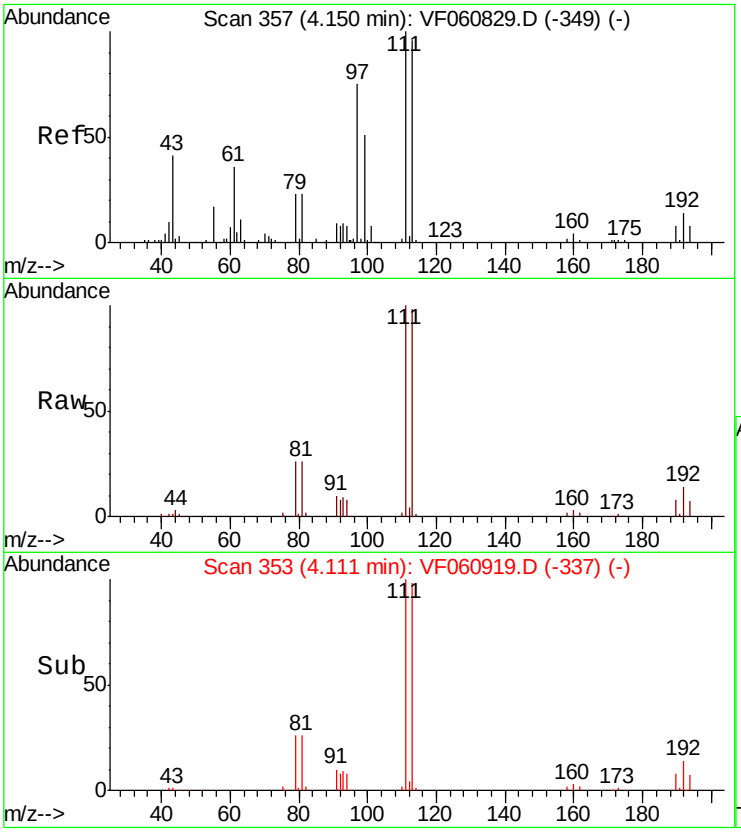


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion:114 Resp: 307714

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	19.6	0.0	36.6



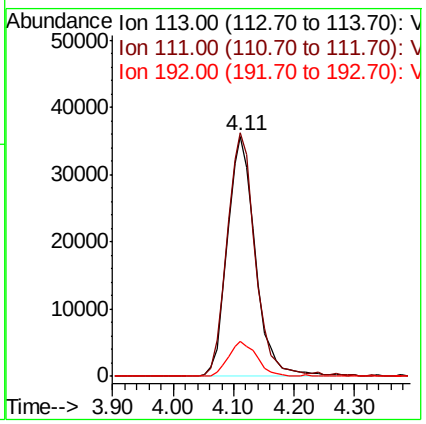


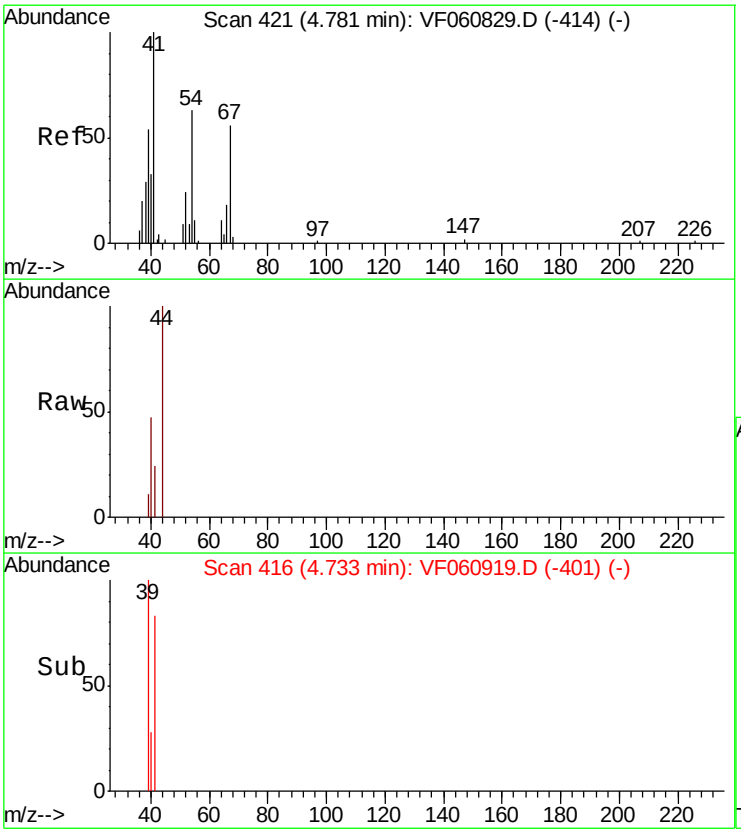
#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 114782

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	14.6	12.3	18.5

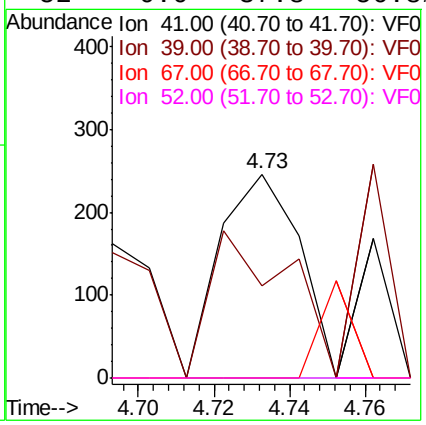


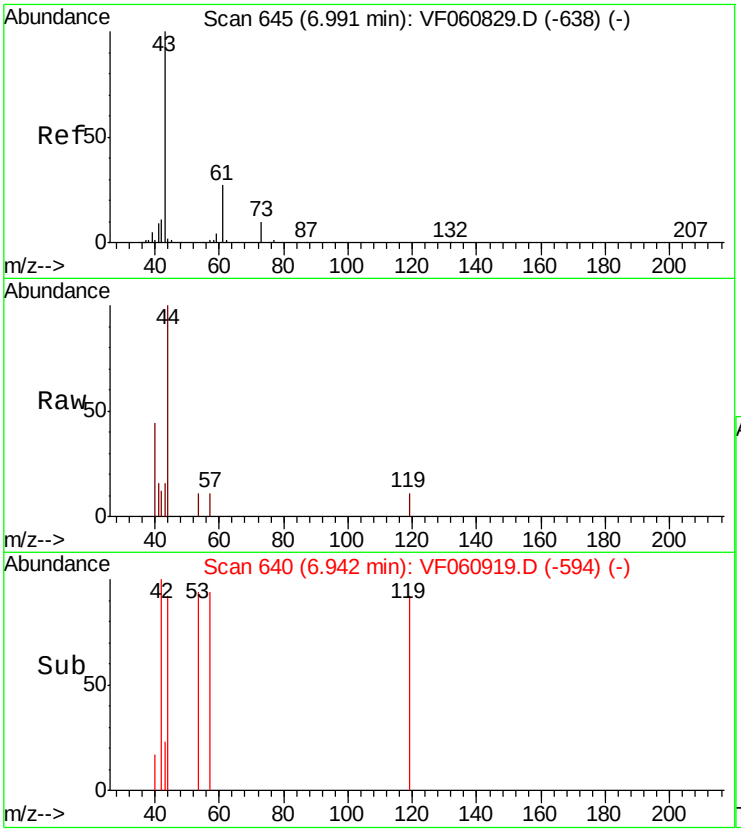


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.73 min Scan# 416
Delta R.T. -0.05 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 41 Resp: 358

Ion	Ratio	Lower	Upper
41	100		
39	45.1	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



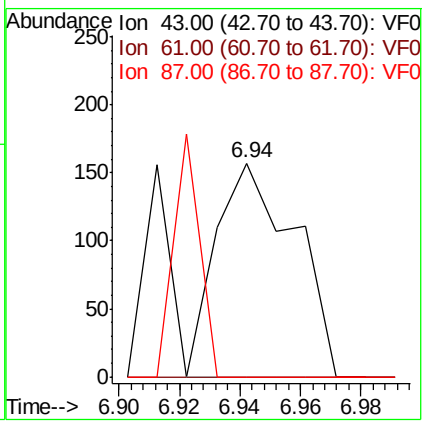


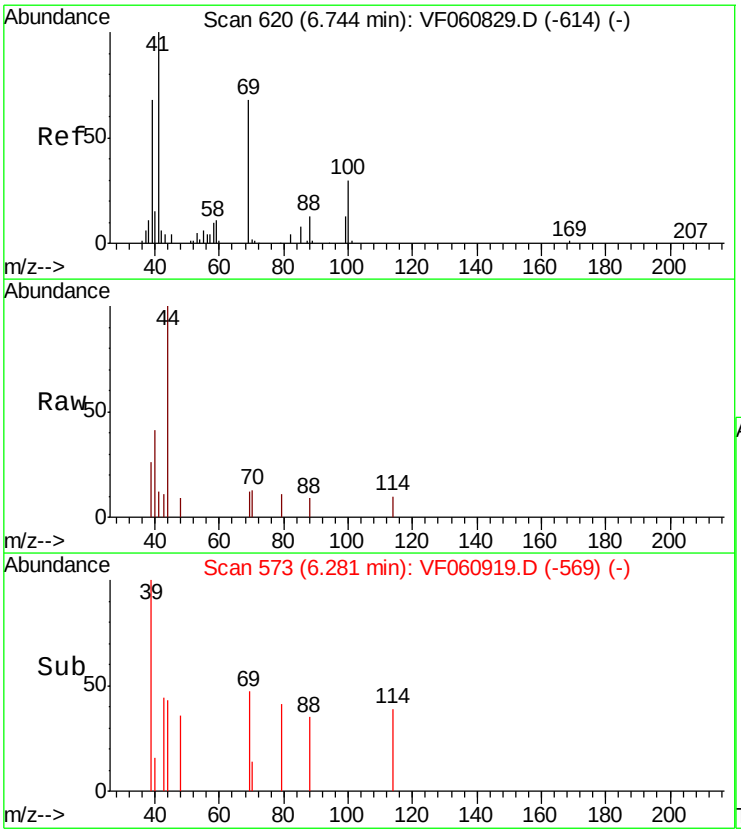
#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.94 min Scan# 640
Delta R.T. -0.05 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 287

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

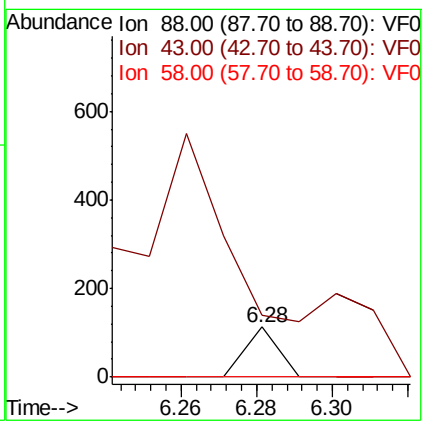


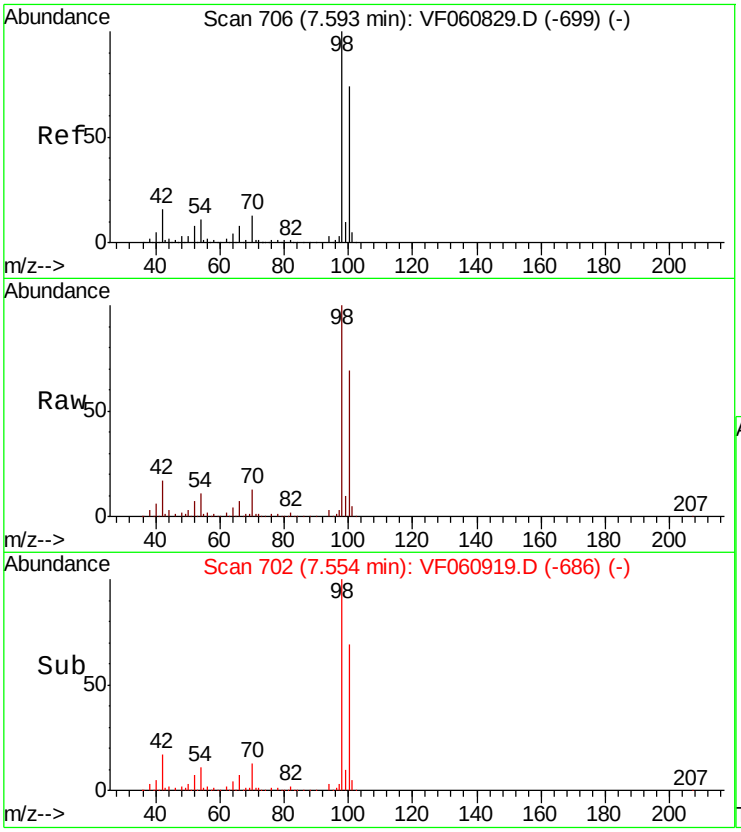


#49
1,4-Dioxane
Concen: 7.183 ug/l
RT: 6.28 min Scan# 573
Delta R.T. -0.46 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	125.0	42.0	63.0#
58	0.0	61.8	92.8#



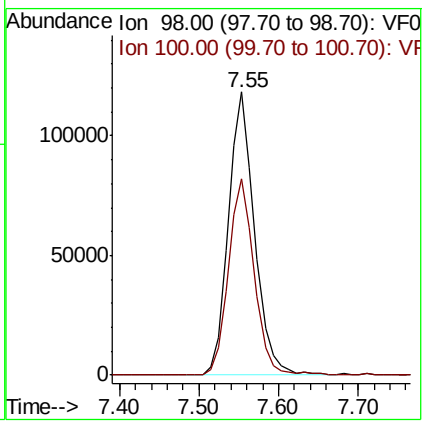


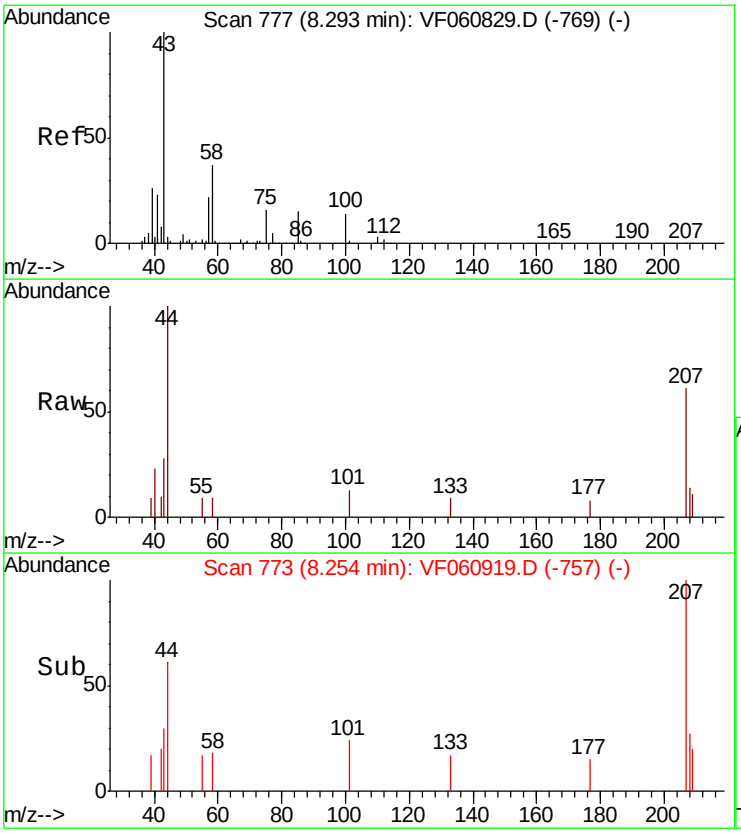
#50
Toluene-d8
Concen: 37.788 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 271730

Ion	Ratio	Lower	Upper
98	100		
100	69.2	59.3	88.9

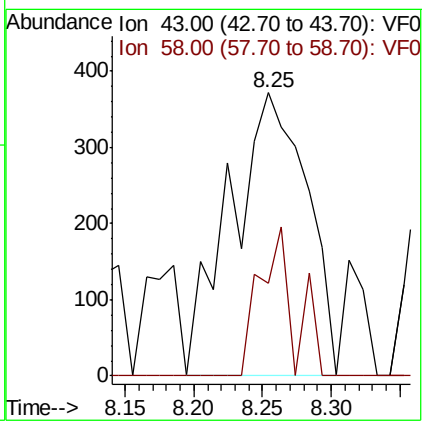


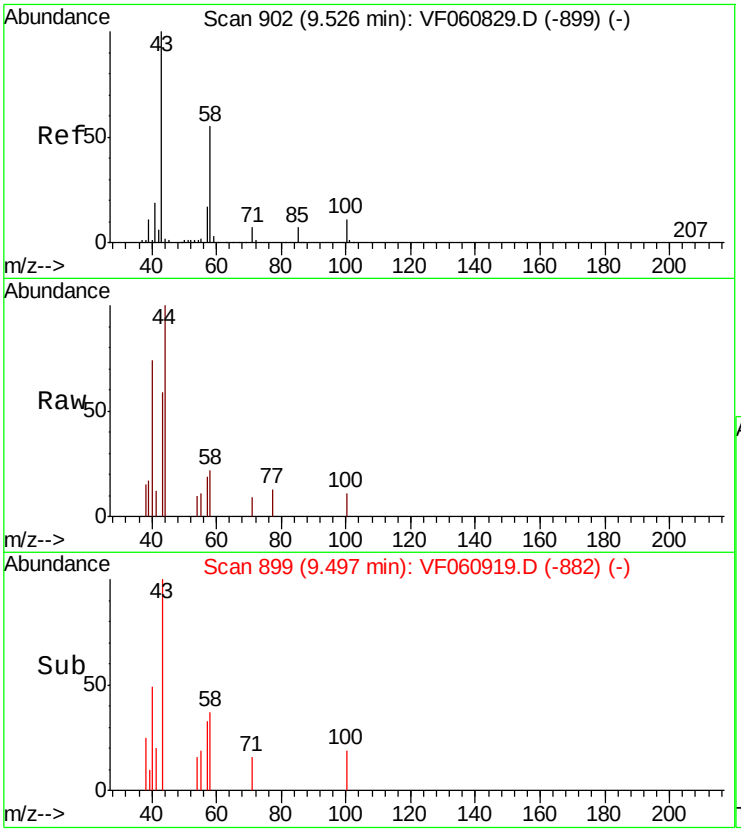


#51
4-Methyl-2-Pentanone
Concen: 1.124 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 43 Resp: 1438

Ion	Ratio	Lower	Upper
43	100		
58	32.5	29.7	44.5



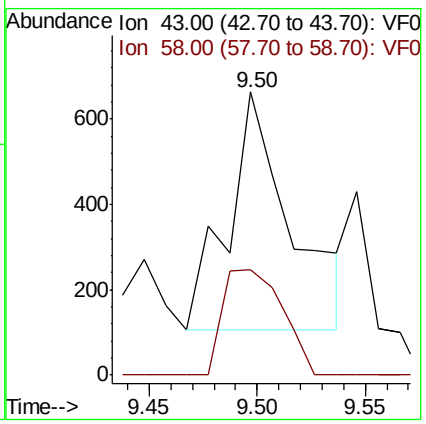


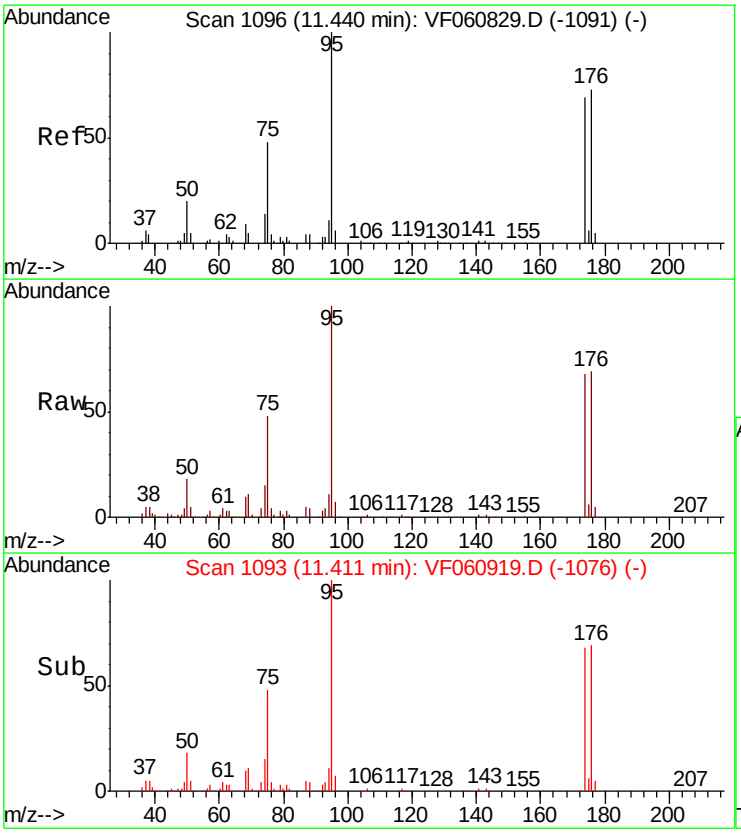
#59
2-Hexanone
Concen: 1.247 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1119

Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.6	76.6

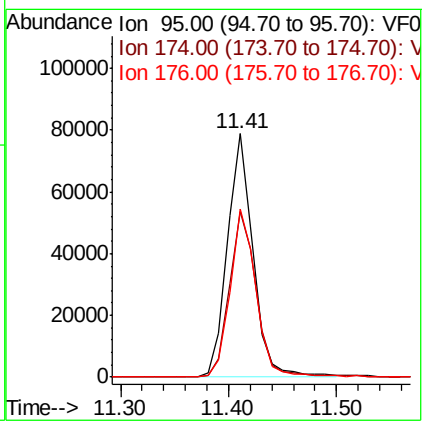


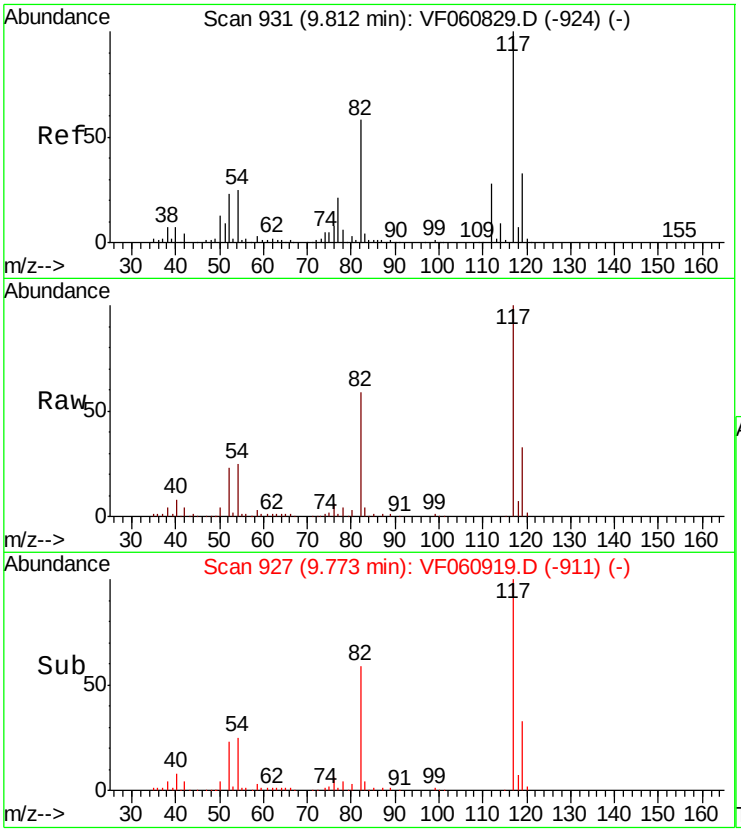


#62
4-Bromofluorobenzene
Concen: 39.952 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 95 Resp: 130572

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	138.2
176	69.3	0.0	146.2



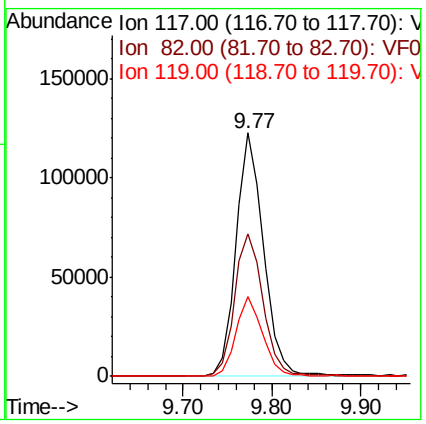


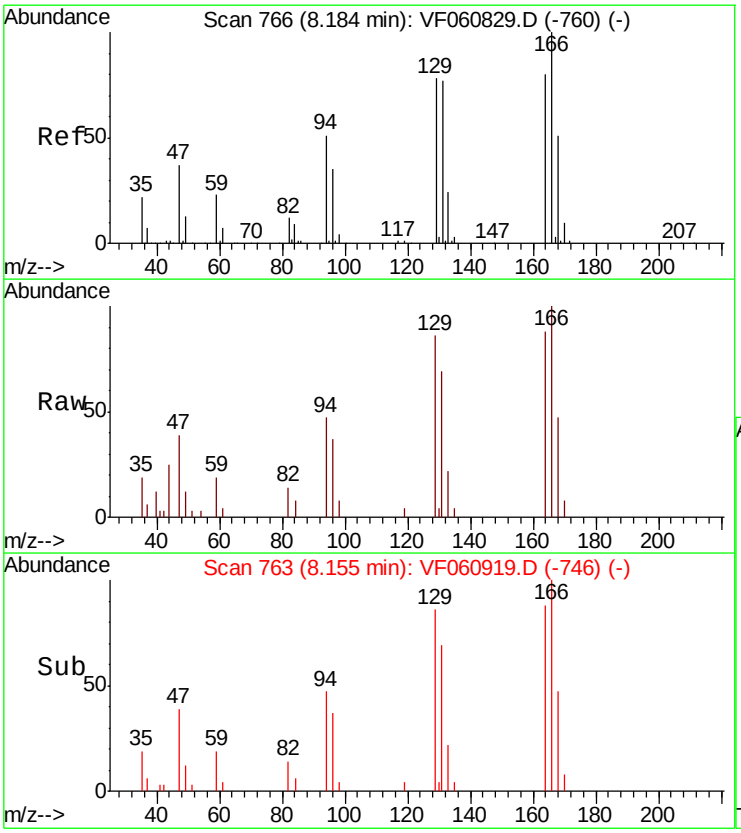
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 263733

Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.6	69.8
119	33.0	26.4	39.6

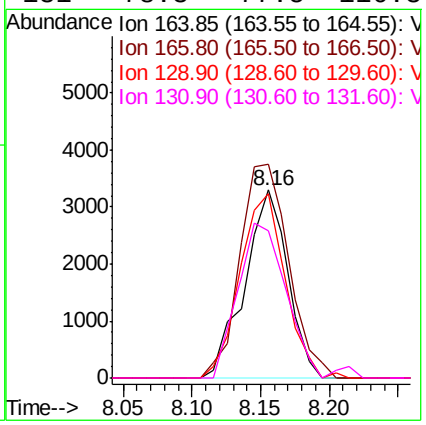


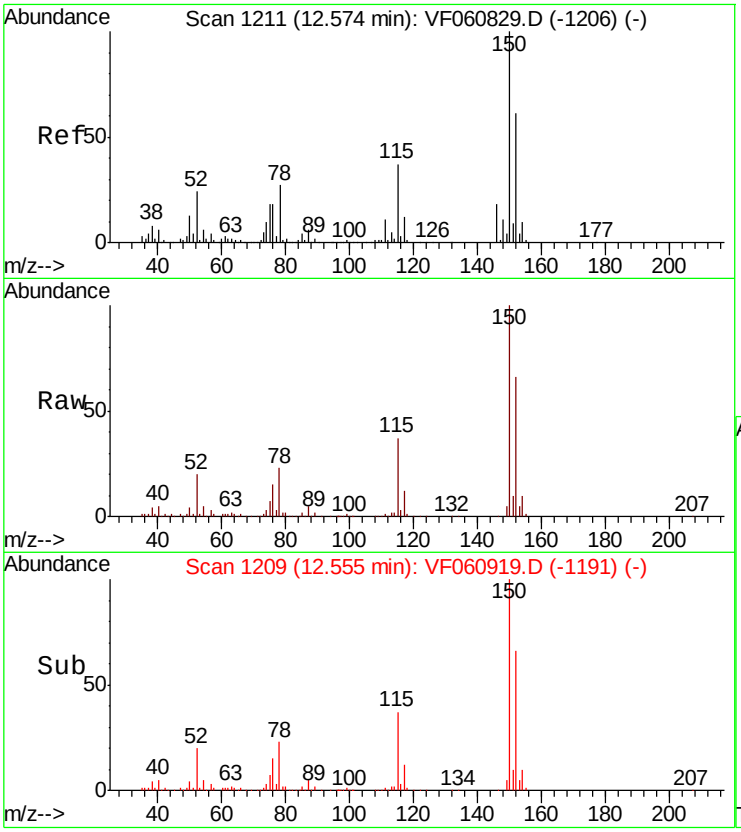


#64
Tetrachloroethene
Concen: 3.546 ug/l
RT: 8.16 min Scan# 763
Delta R.T. -0.03 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion:164 Resp: 7144

Ion	Ratio	Lower	Upper
164	100		
166	113.9	100.3	150.5
129	98.0	77.9	116.9
131	78.3	77.5	116.3



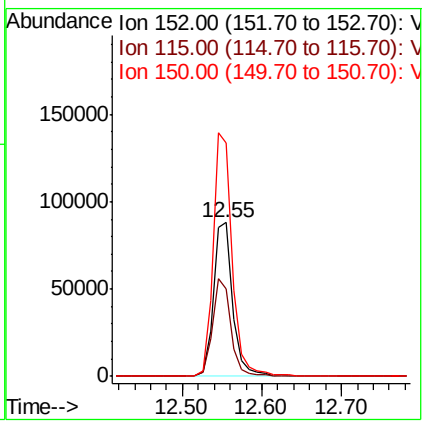


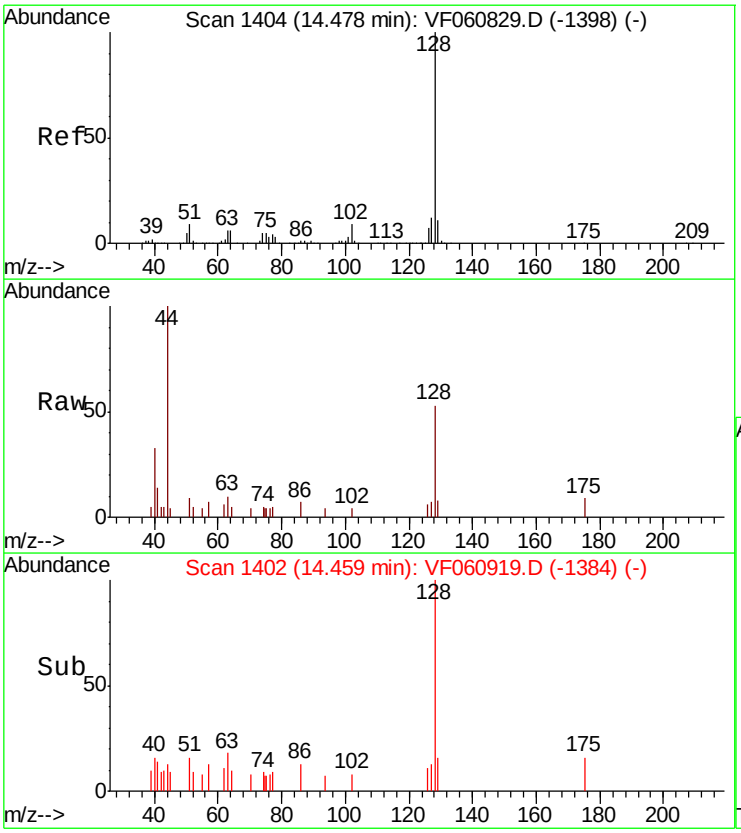
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 150370

Ion	Ratio	Lower	Upper
152	100		
115	56.8	30.1	90.5
150	151.8	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion:128 Resp: 2397

Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.9	14.9
129	16.0	9.1	13.7#