Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060921.D
Acq On : 6 Dec 2018 17:06
Operator : VA/AP
Sample : J6248-05
Misc : 4.89g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 06 17:33:35 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	198206	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	325565	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	306561	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	166567	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	93801	40.17	ug/l	-0.04
Spiked Amount 50.000			Recovery = 80.34%			
35) Dibromofluoromethane	4.11	113	99964	38.70	ug/l	-0.04
Spiked Amount 50.000			Recovery = 77.40%			
50) Toluene-d8	7.56	98	248045	32.60	ug/l	-0.04
Spiked Amount 50.000			Recovery = 65.20%			
62) 4-Bromofluorobenzene	11.41	95	126912	36.70	ug/l	-0.03
Spiked Amount 50.000			Recovery = 73.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	297	3.103	ug/l #	1
13) Acrolein	1.92	56	741	8.171	ug/l	86
15) Acrylonitrile	2.95	53	906	4.222	ug/l #	27
16) Acetone	2.25	43	2301	5.344	ug/l	98
18) Methyl Acetate	2.33	43	483	Below Cal		99
20) Methylene Chloride	2.25	84	3724	2.358	ug/l #	81
25) 2-Butanone	4.35	43	1000	1.343	ug/l #	57
29) Tetrahydrofuran	4.09	42	886	2.807	ug/l #	45
41) Methacrylonitrile	4.72	41	285	Below Cal #		44
43) Isopropyl Acetate	6.93	43	125	Below Cal #		49
49) 1,4-Dioxane	6.72	88	61	6.275	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	1368	1.011	ug/l	96
59) 2-Hexanone	9.50	43	1714	1.805	ug/l	64
95) Naphthalene	14.45	128	2044	Below Cal #		69

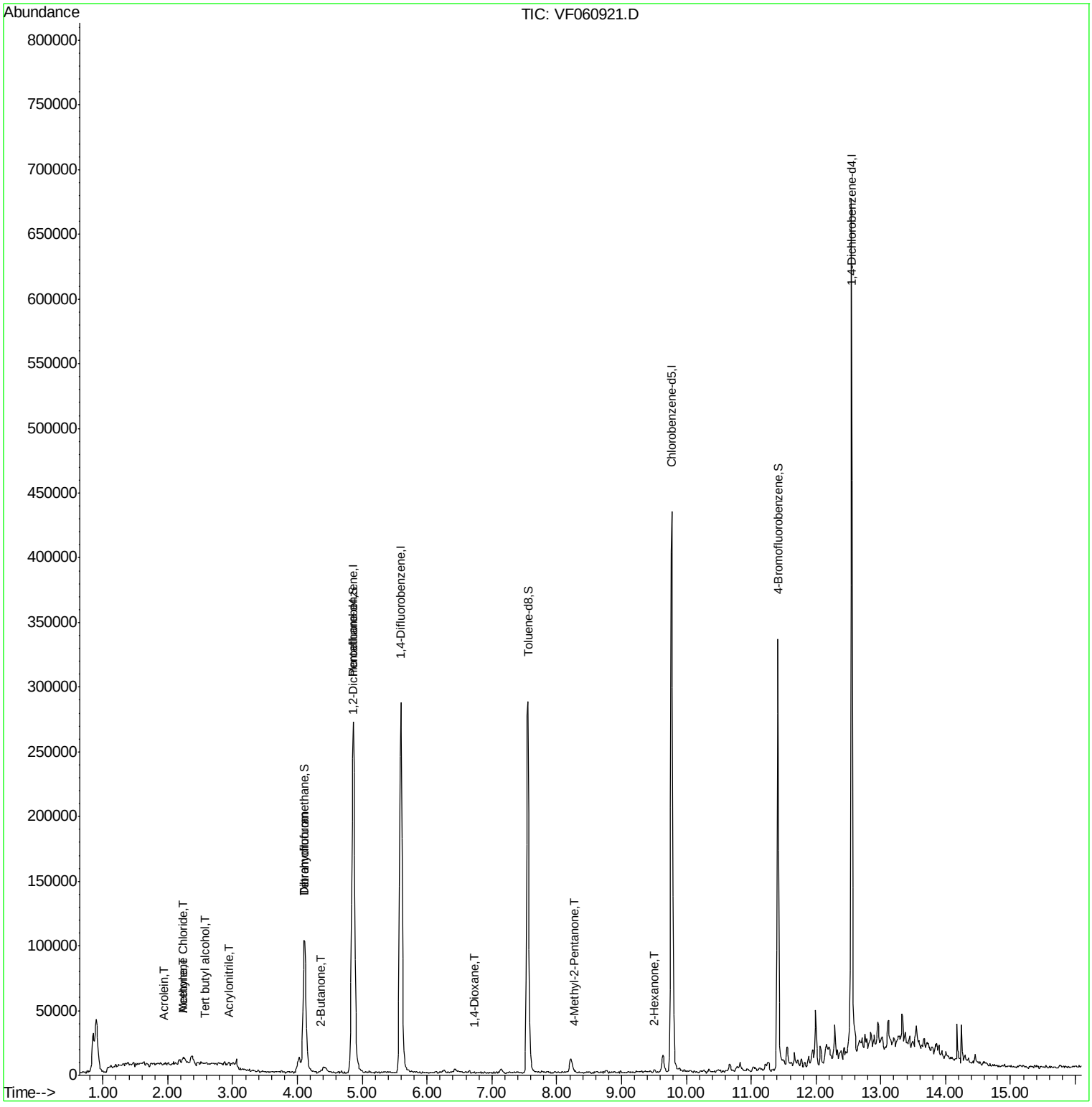
(#) = qualifier out of range (m) = manual integration (+) = signals summed

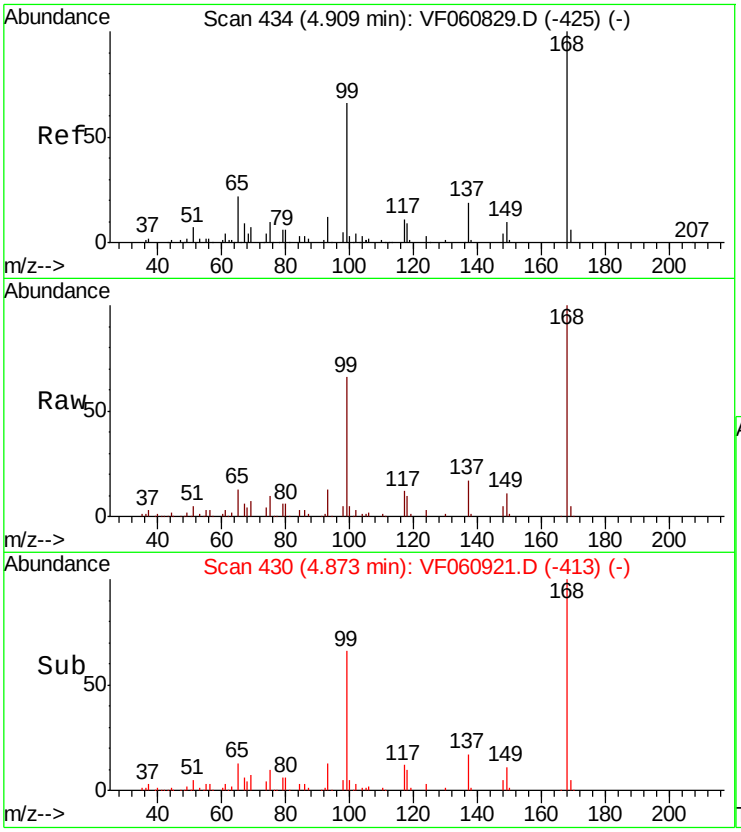
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060921.D
Acq On : 6 Dec 2018 17:06
Operator : VA/AP
Sample : J6248-05
Misc : 4.89g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 06 17:33:35 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



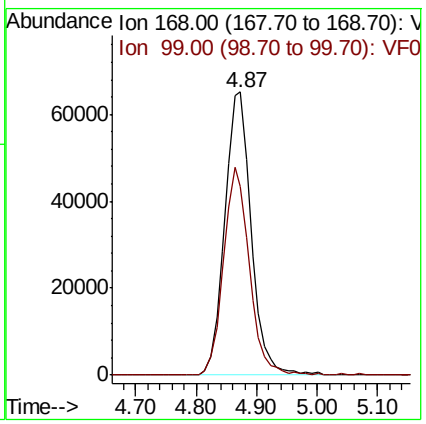


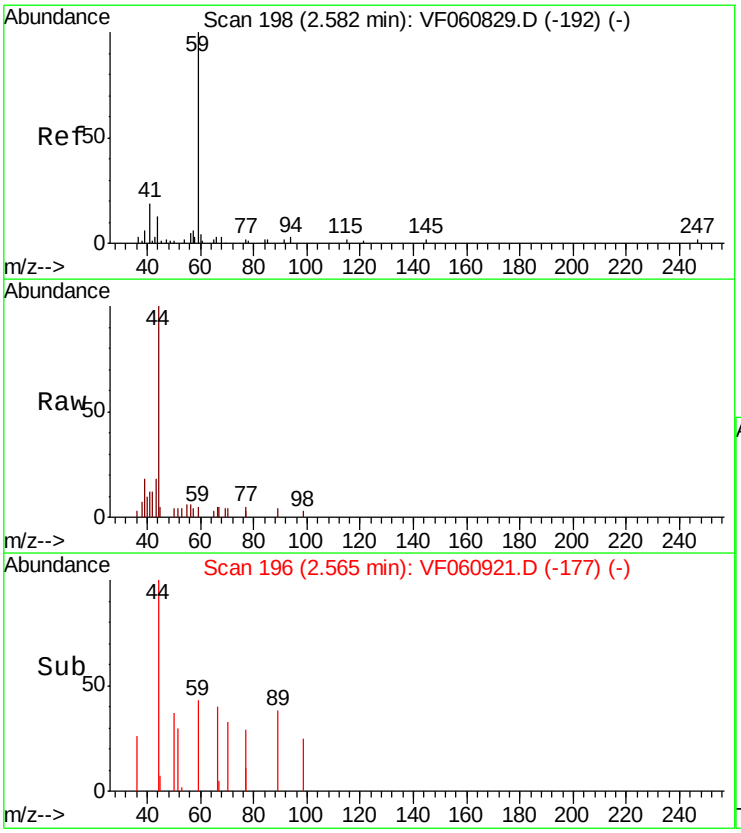
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 198206

Ion	Ratio	Lower	Upper
168	100		
99	66.5	52.6	79.0

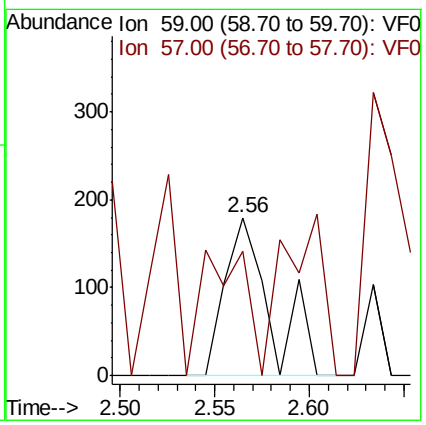


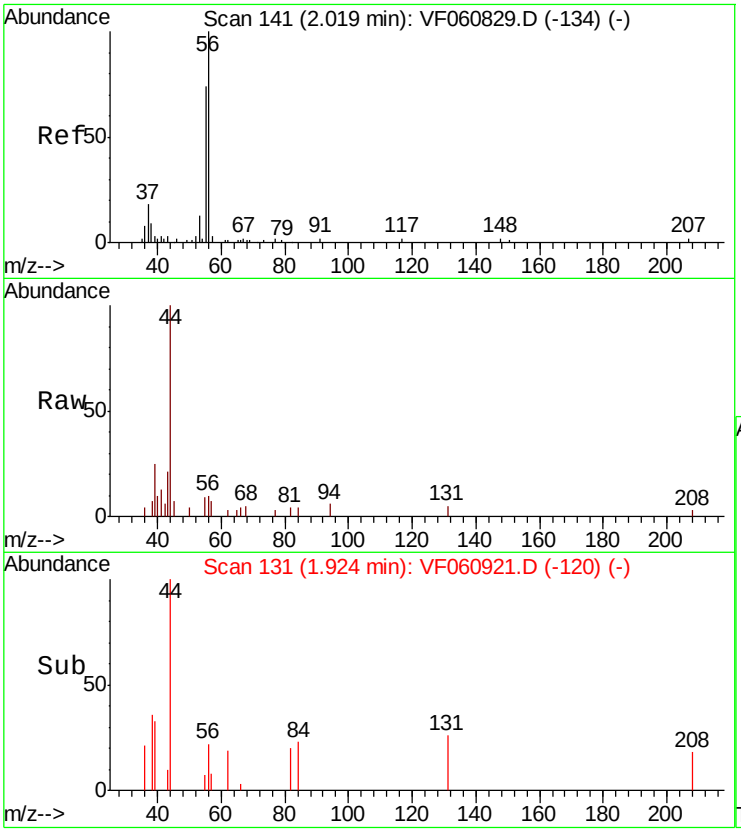


#11
Tert butyl alcohol
Concen: 3.103 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 59 Resp: 297

Ion	Ratio	Lower	Upper
59	100		
57	78.9	12.7	19.1#



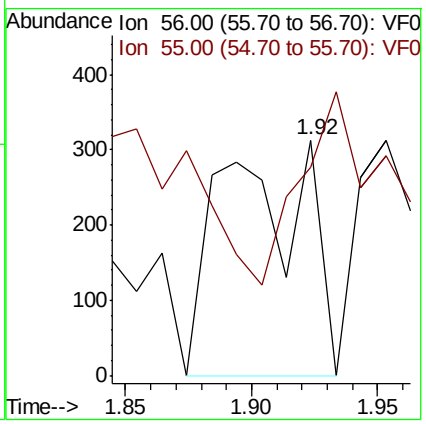


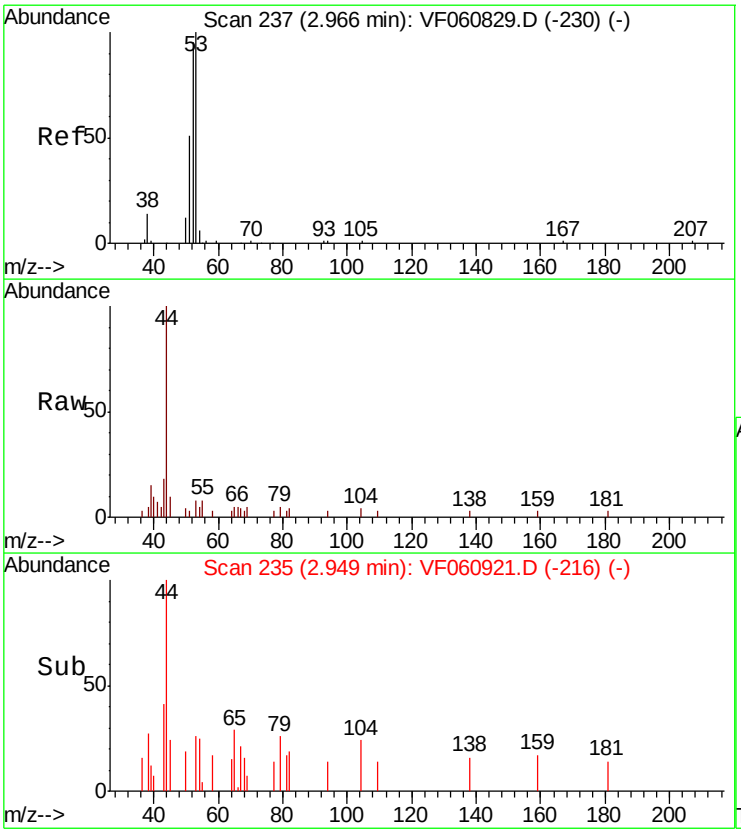
#13
Acrolein
Concen: 8.171 ug/l
RT: 1.92 min Scan# 131
Delta R.T. -0.10 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 741

Ion	Ratio	Lower	Upper
56	100		
55	88.5	61.2	91.8

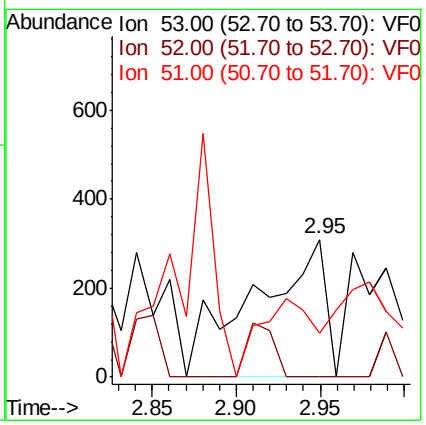


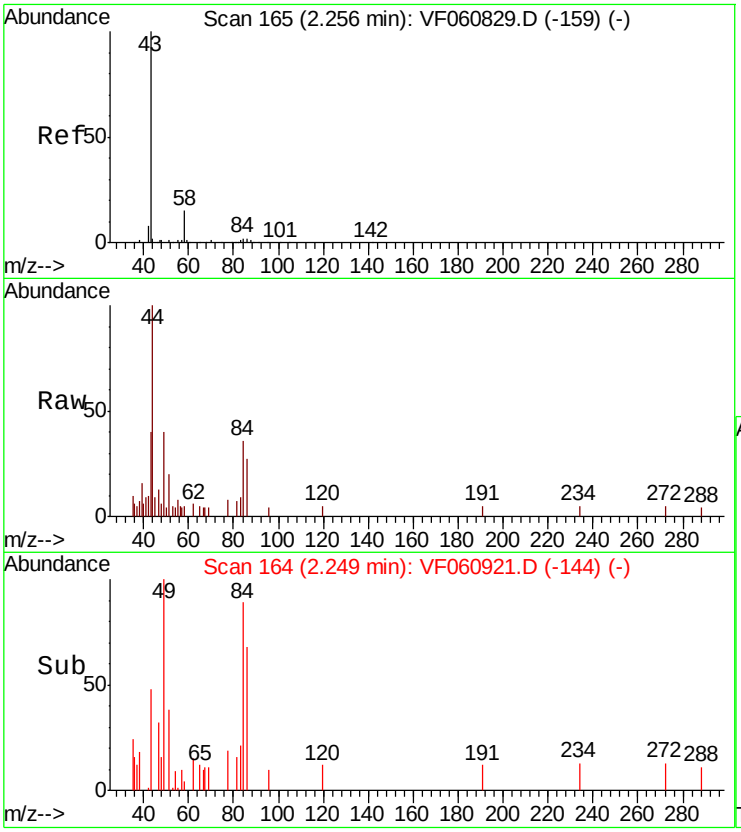


#15
Acrylonitrile
Concen: 4.222 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 53 Resp: 906

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	32.4	40.7	61.1#



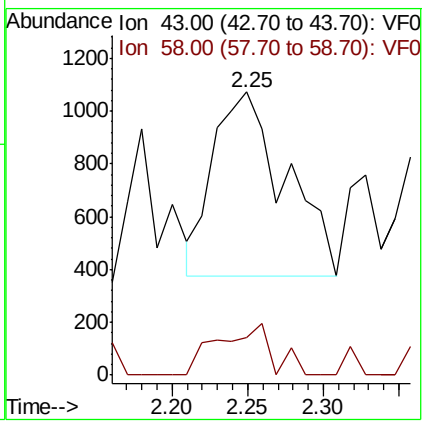


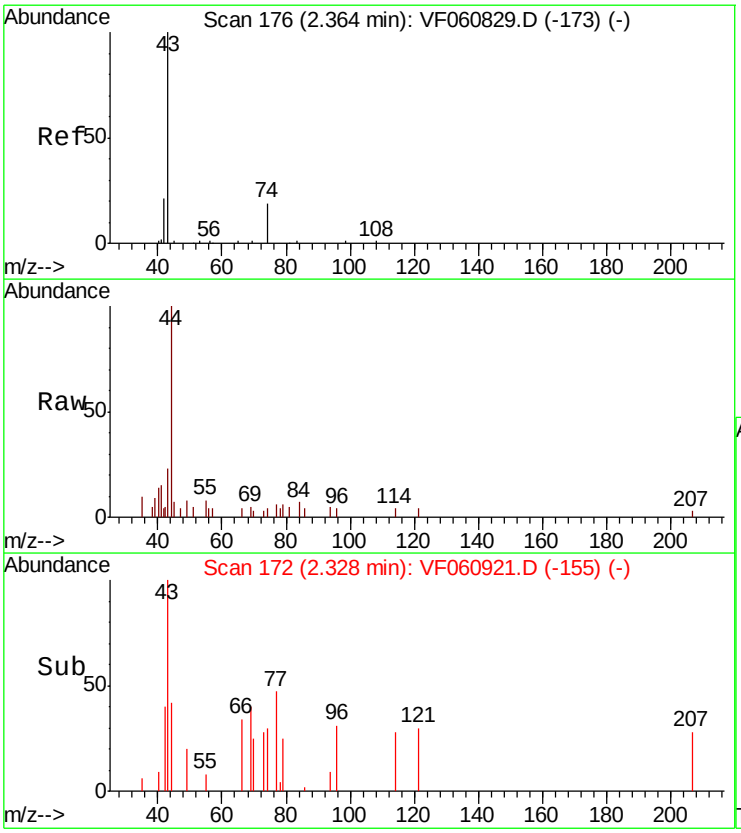
#16
Acetone
Concen: 5.344 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2301

Ion	Ratio	Lower	Upper
43	100		
58	13.4	11.4	17.2

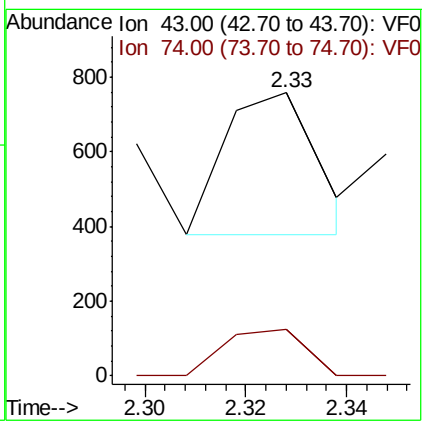


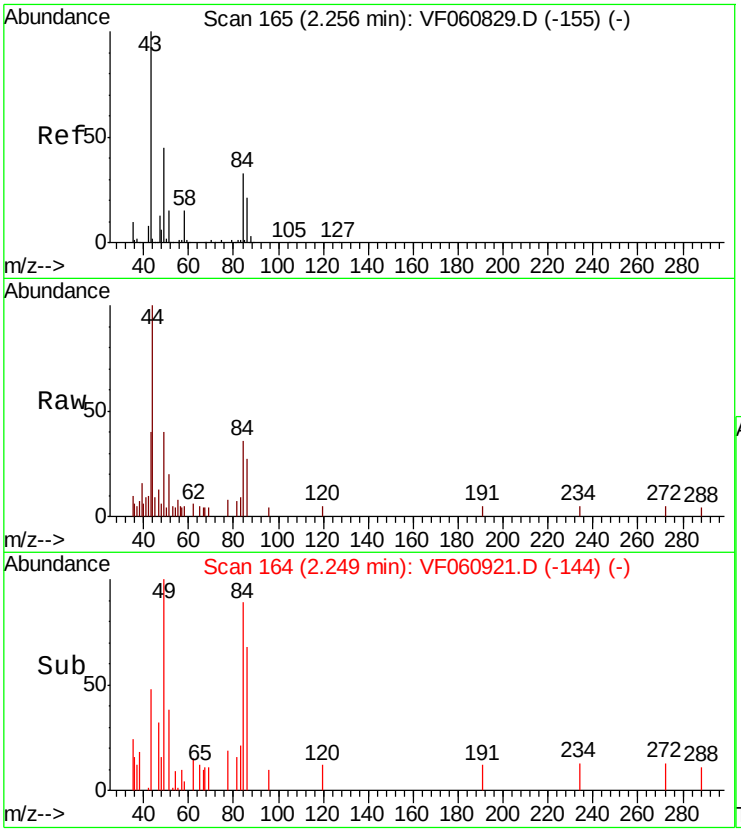


#18
Methyl Acetate
Concen: Below Cal
RT: 2.33 min Scan# 172
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 43 Resp: 483

Ion	Ratio	Lower	Upper
43	100		
74	16.4	13.3	19.9



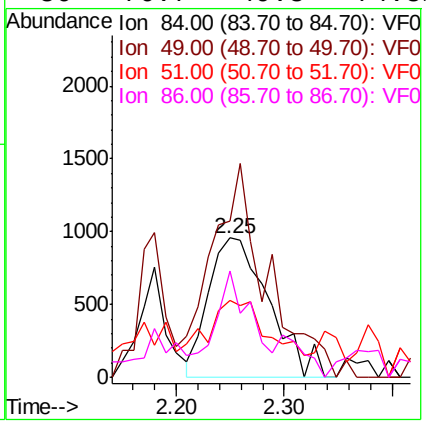


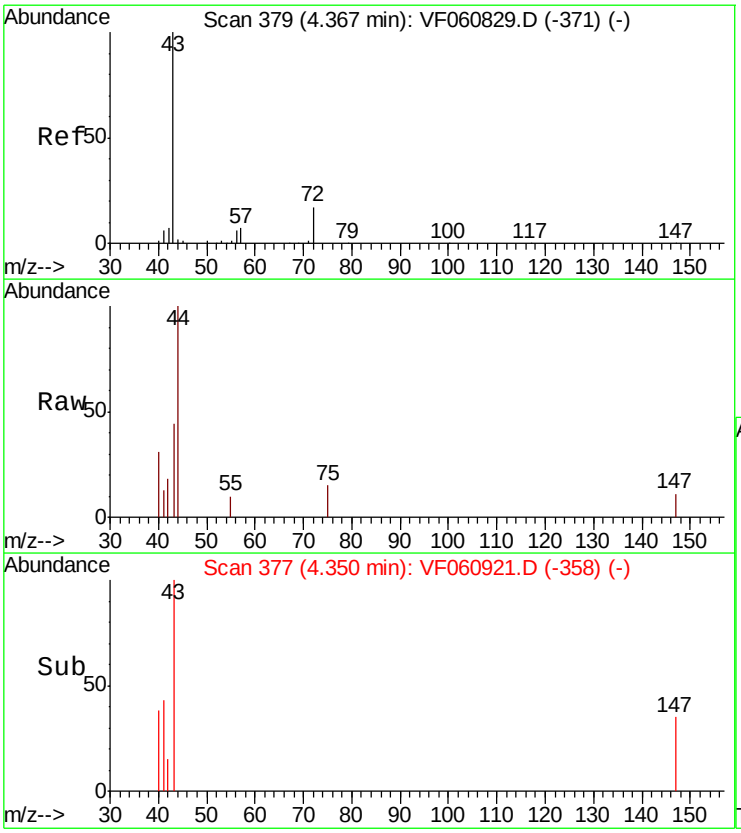
#20
Methylene Chloride
Concen: 2.358 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 3724

Ion	Ratio	Lower	Upper
84	100		
49	112.5	111.3	166.9
51	55.1	38.0	57.0
86	76.7	49.8	74.8#

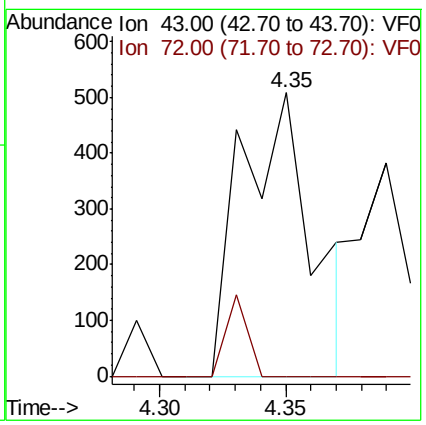


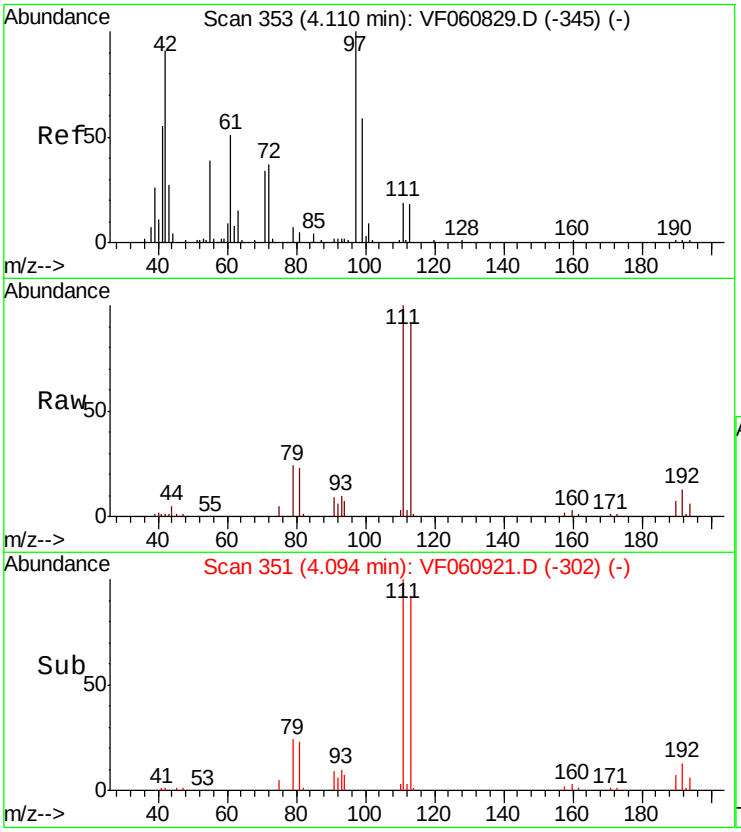


#25
2-Butanone
Concen: 1.343 ug/l
RT: 4.35 min Scan# 377
Delta R.T. -0.02 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 43 Resp: 1000

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



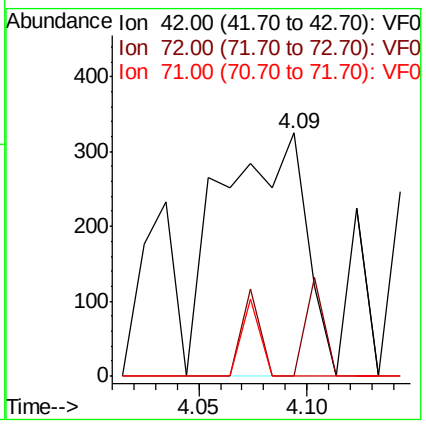


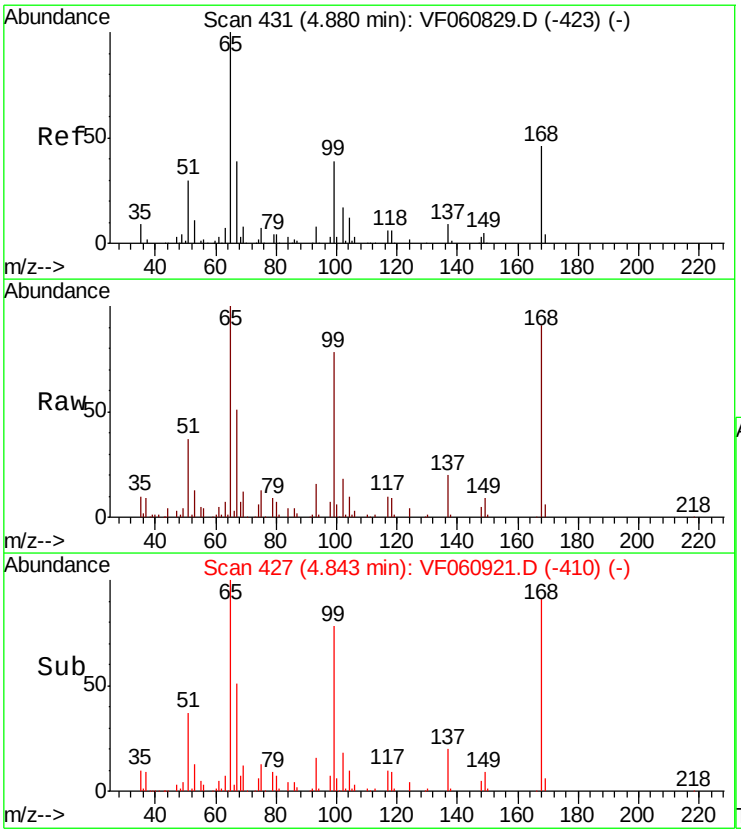
#29
Tetrahydrofuran
Concen: 2.807 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 886

Ion	Ratio	Lower	Upper
42	100		
72	8.8	31.9	47.9#
71	0.0	28.7	43.1#

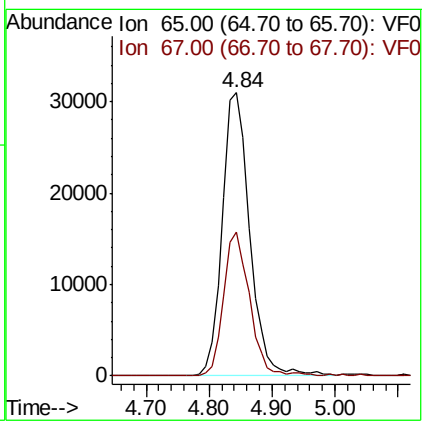


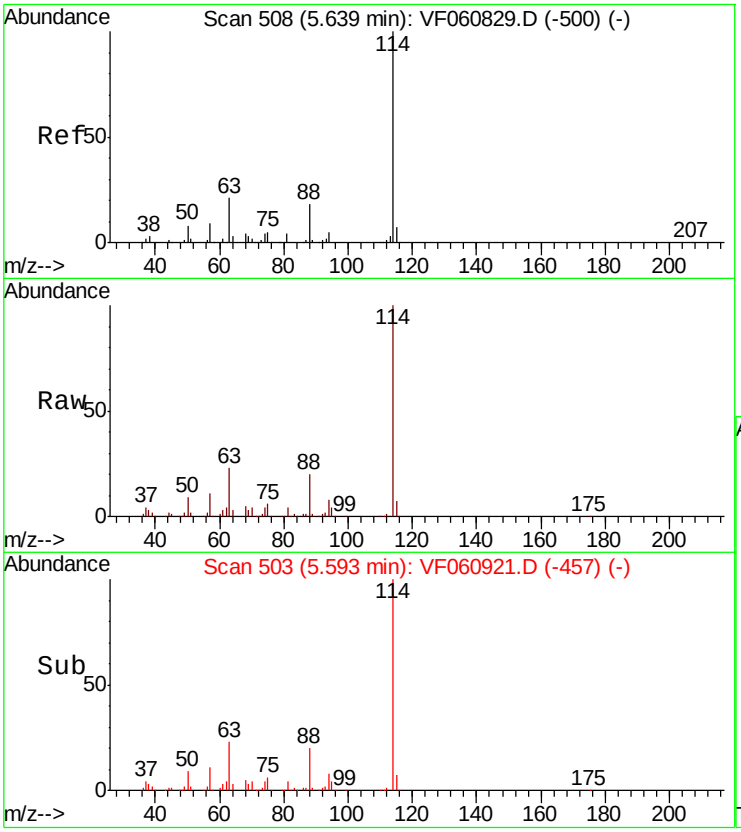


#33
1,2-Dichloroethane-d4
Concen: 40.173 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 65 Resp: 93801

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	96.4



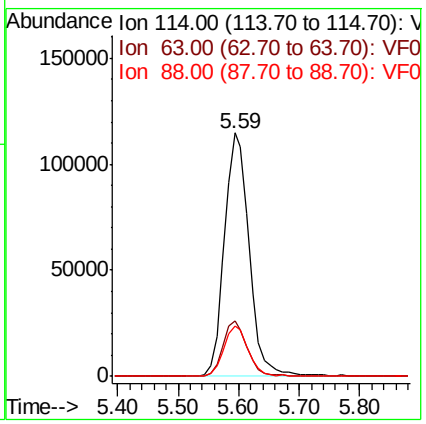


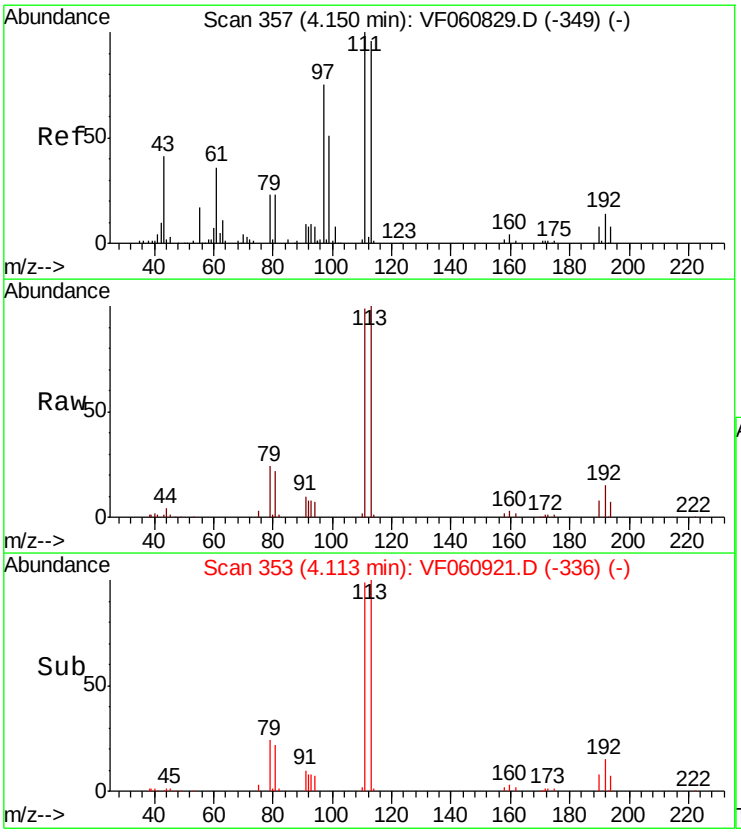
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.05 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 325565

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	41.6
88	20.5	0.0	36.6

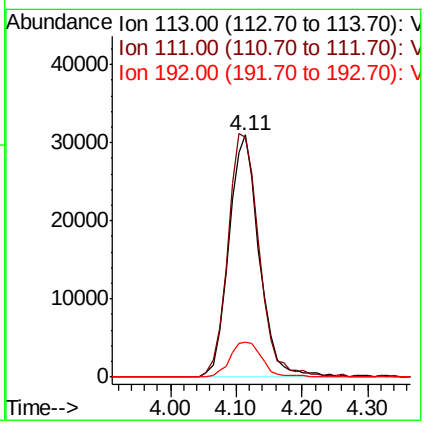


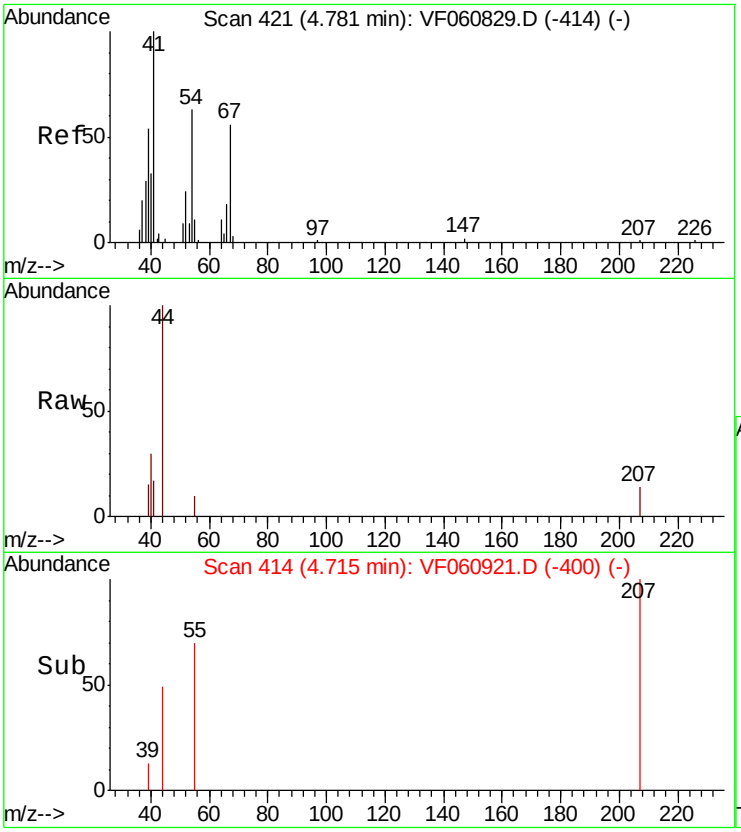


#35
Dibromofluoromethane
Concen: 38.704 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion:113 Resp: 99964

Ion	Ratio	Lower	Upper
113	100		
111	99.1	83.0	124.6
192	15.0	12.3	18.5



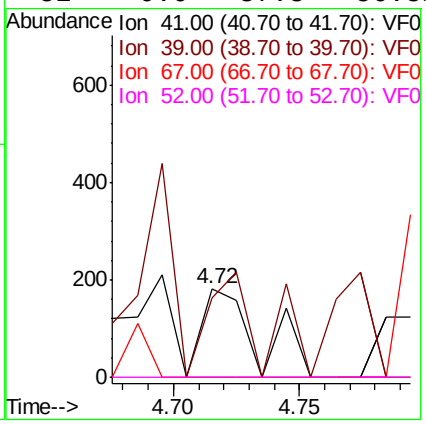


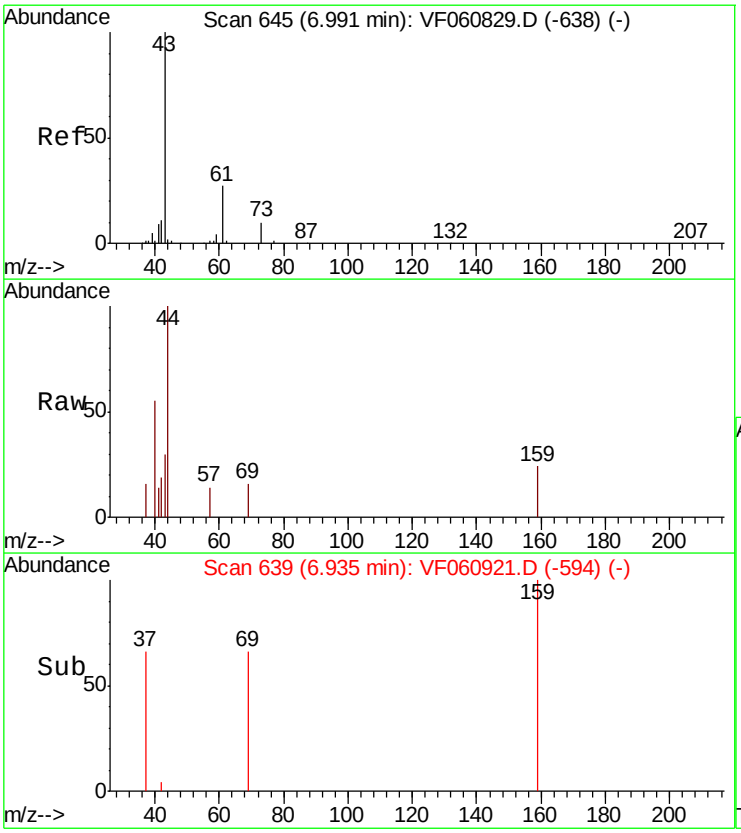
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 414
Delta R.T. -0.07 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 285

Ion	Ratio	Lower	Upper
41	100		
39	89.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

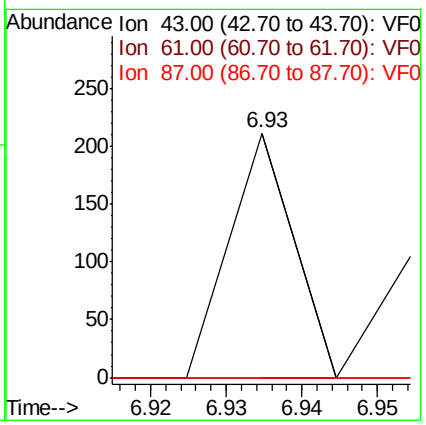


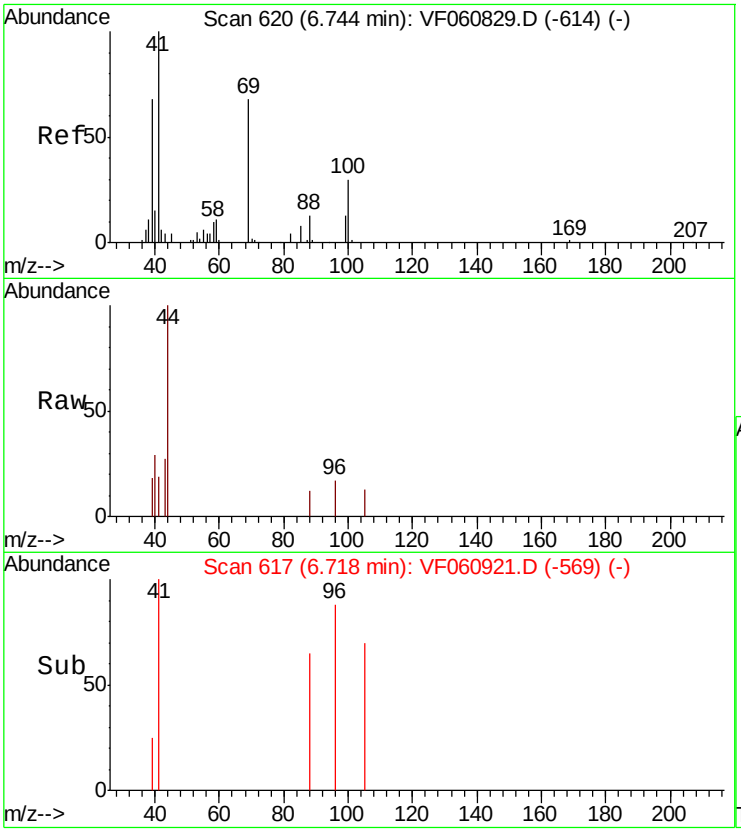


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.93 min Scan# 639
Delta R.T. -0.06 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 43 Resp: 125

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



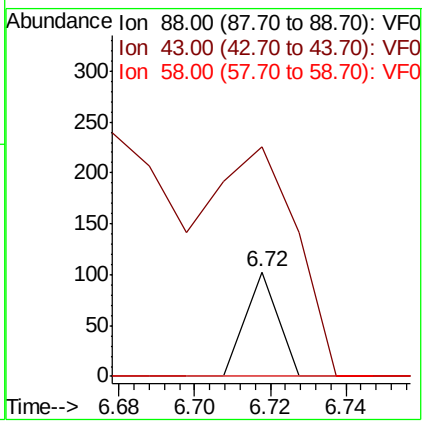


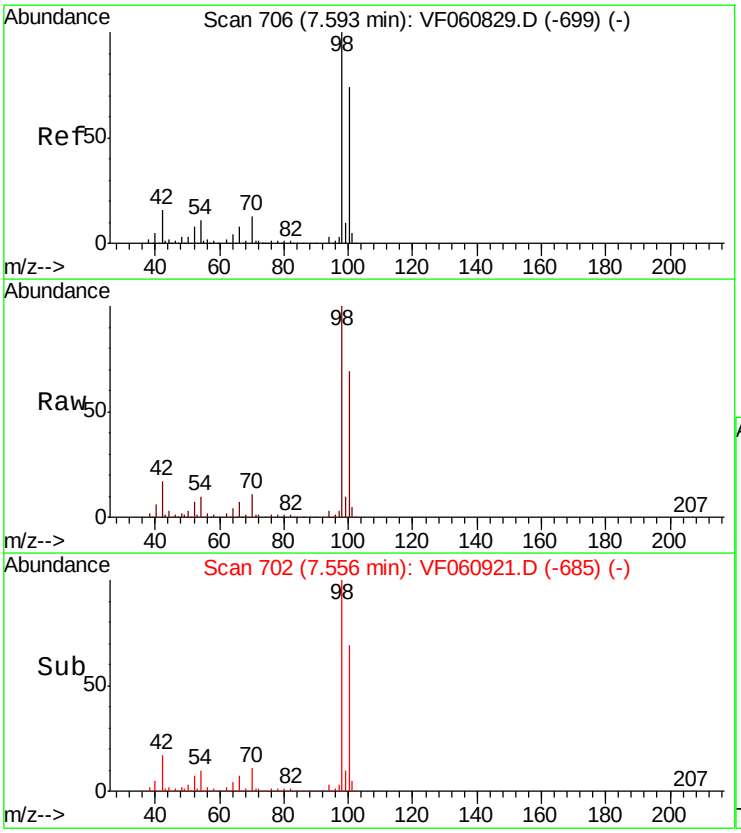
#49
1,4-Dioxane
Concen: 6.275 ug/l
RT: 6.72 min Scan# 617
Delta R.T. -0.03 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	219.4	42.0	63.0#
58	0.0	61.8	92.8#

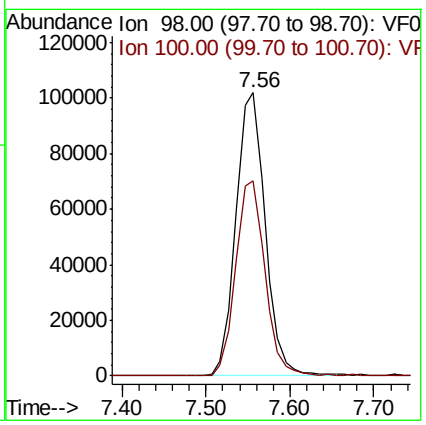


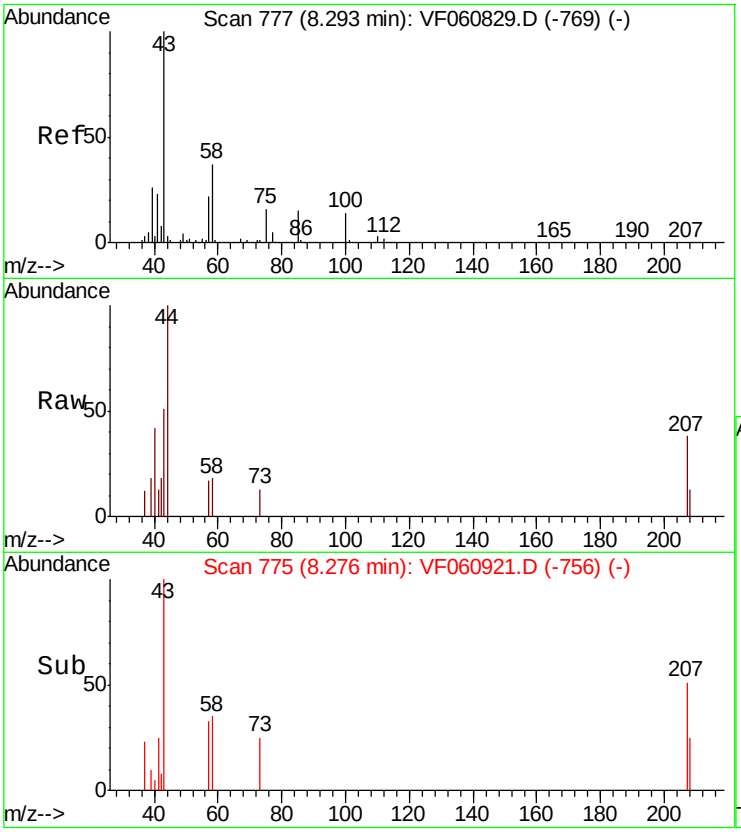


#50
Toluene-d8
Concen: 32.603 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 98 Resp: 248045

Ion	Ratio	Lower	Upper
98	100		
100	69.0	59.3	88.9



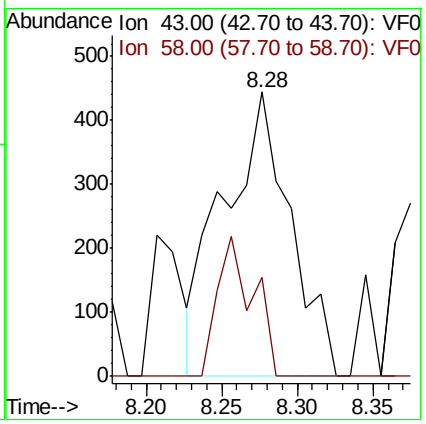


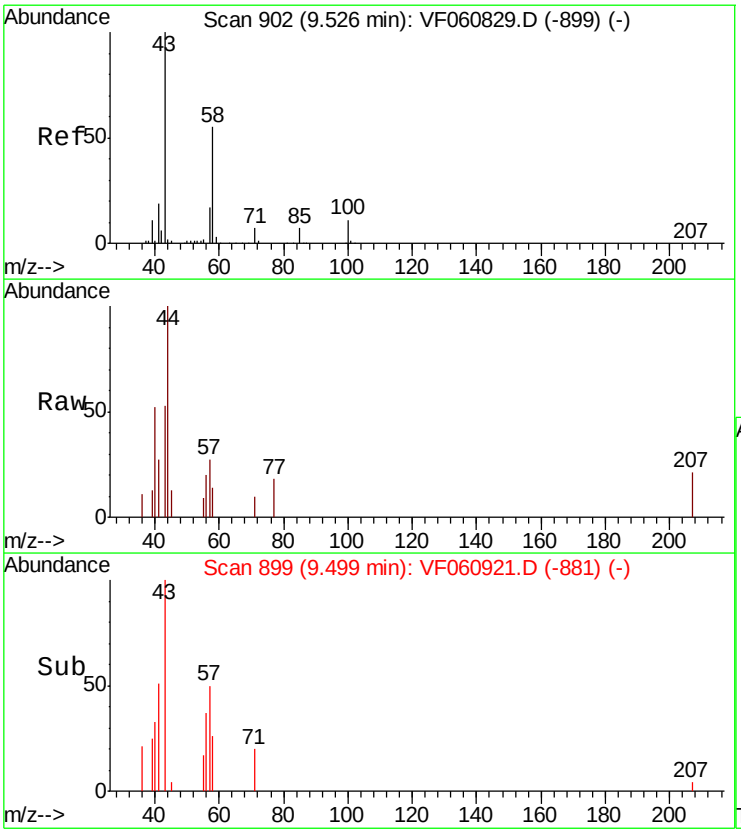
#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.02 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1368

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.7	44.5

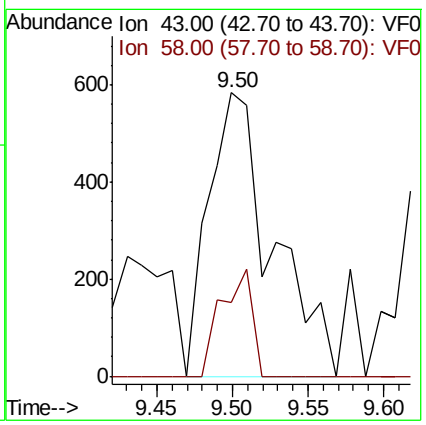


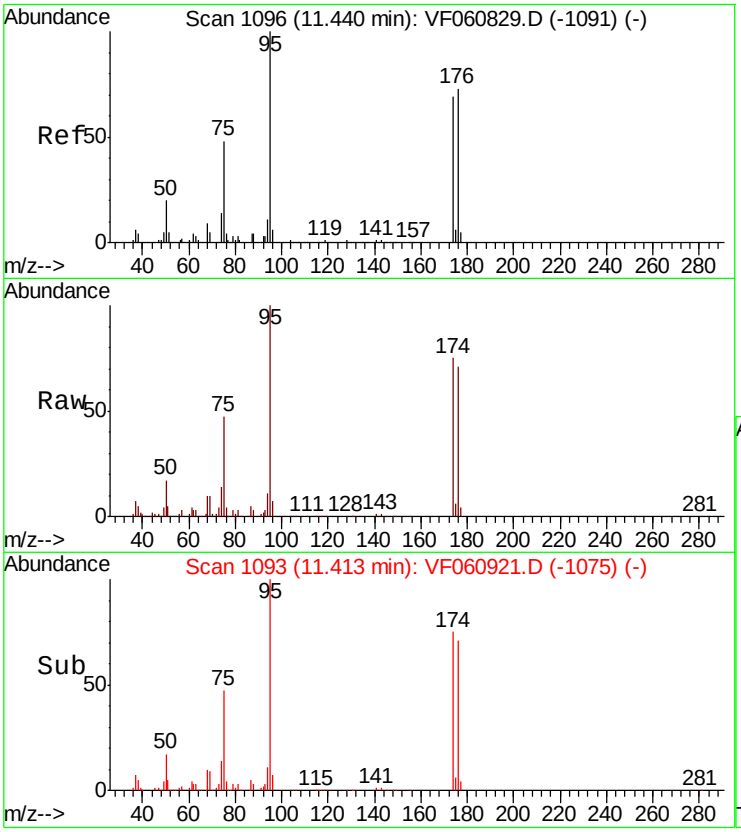


#59
2-Hexanone
Concen: 1.805 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.03 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion: 43 Resp: 1714

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.6	76.6



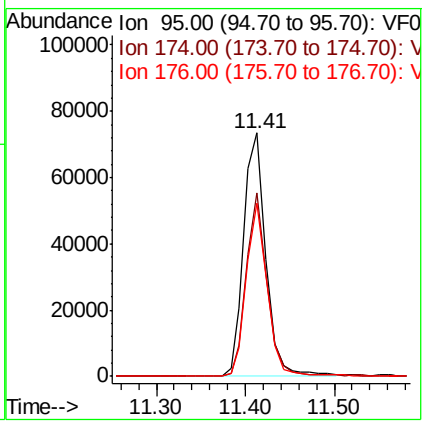


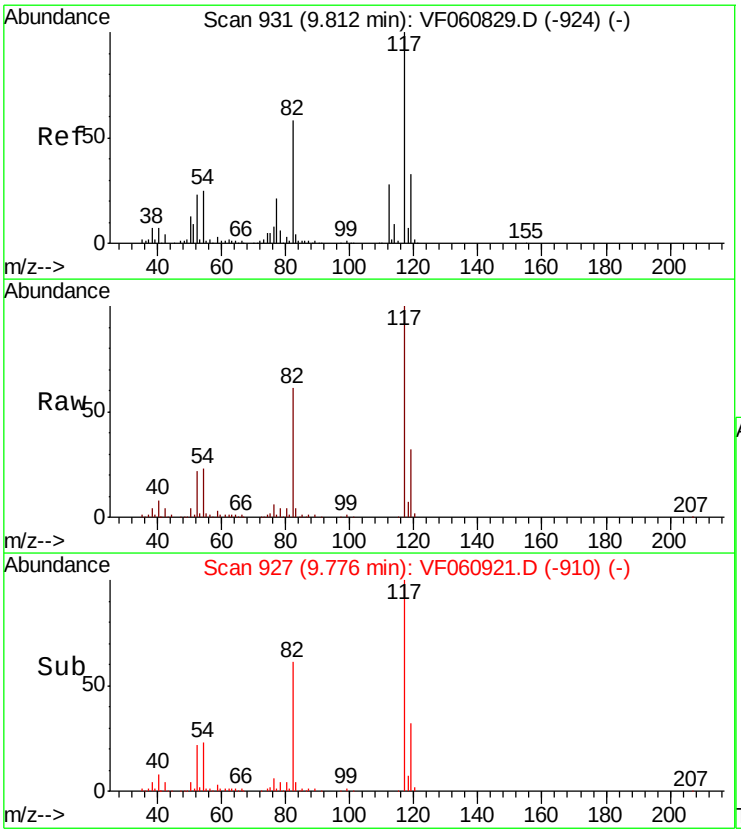
#62
4-Bromofluorobenzene
Concen: 36.703 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 126912

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	138.2
176	71.2	0.0	146.2

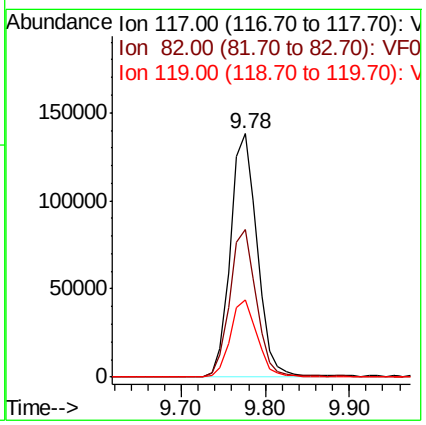


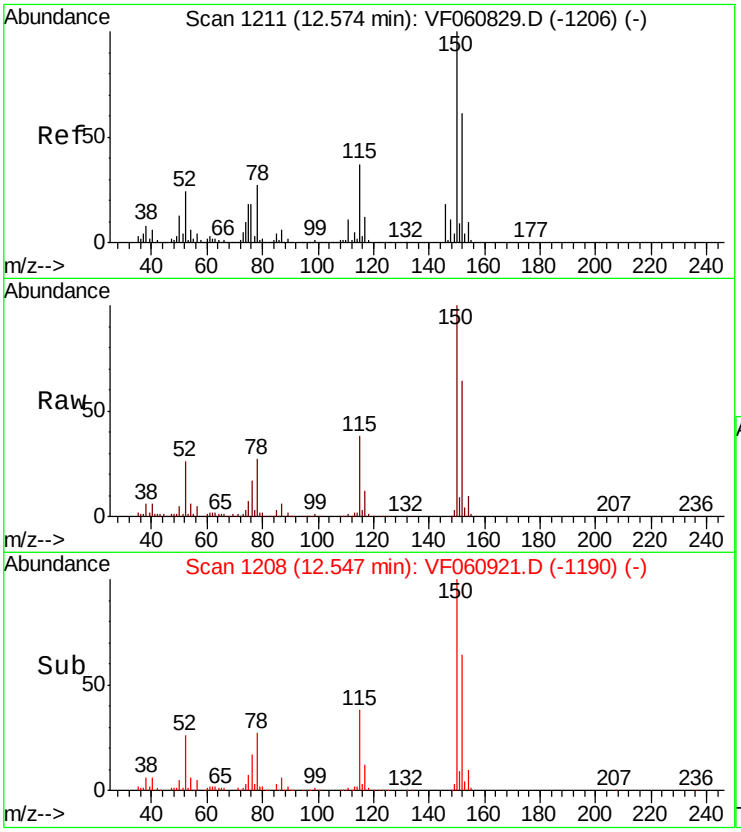


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion:117 Resp: 306561

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.6	69.8
119	31.6	26.4	39.6



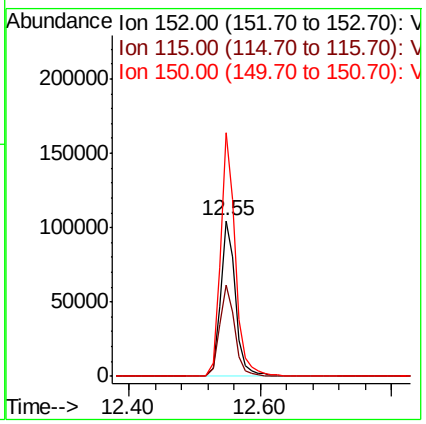


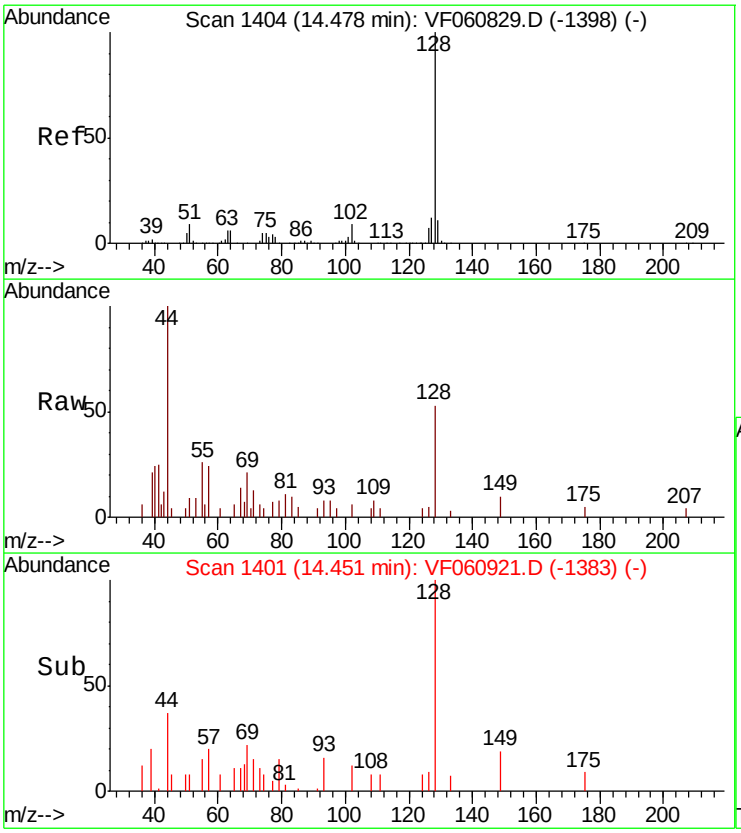
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 166567

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.1	90.5
150	156.5	0.0	327.6





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF060921.D
Acq: 6 Dec 2018 17:06

Tgt Ion:128 Resp: 2044

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