Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
Data File : VF061920.D
Acq On : 12 Mar 2019 22:25
Operator : VA/AP
Sample : K1866-01
Misc : 6.54g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-04-COMP

Quant Time: Mar 13 02:10:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	287544	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	441760	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	401586	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	225852	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	121263	57.91	ug/l	-0.04
Spiked Amount 50.000			Recovery = 115.82%			
35) Dibromofluoromethane	4.08	113	170709	55.37	ug/l	-0.04
Spiked Amount 50.000			Recovery = 110.74%			
50) Toluene-d8	7.53	98	460297	50.23	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.46%			
62) 4-Bromofluorobenzene	11.40	95	192132	53.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.06%			
Target Compounds						Qvalue
13) Acrolein	1.84	56	501	3.327	ug/l	96
16) Acetone	2.21	43	8493	19.362	ug/l #	77
18) Methyl Acetate	2.35	43	5781	Below Cal	#	62
20) Methylene Chloride	2.16	84	8475	Below Cal	#	88
29) Tetrahydrofuran	4.05	42	2156	5.603	ug/l #	63
49) 1,4-Dioxane	7.09	88	66	5.284	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	13.73	75	60	3.891	ug/l #	1

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

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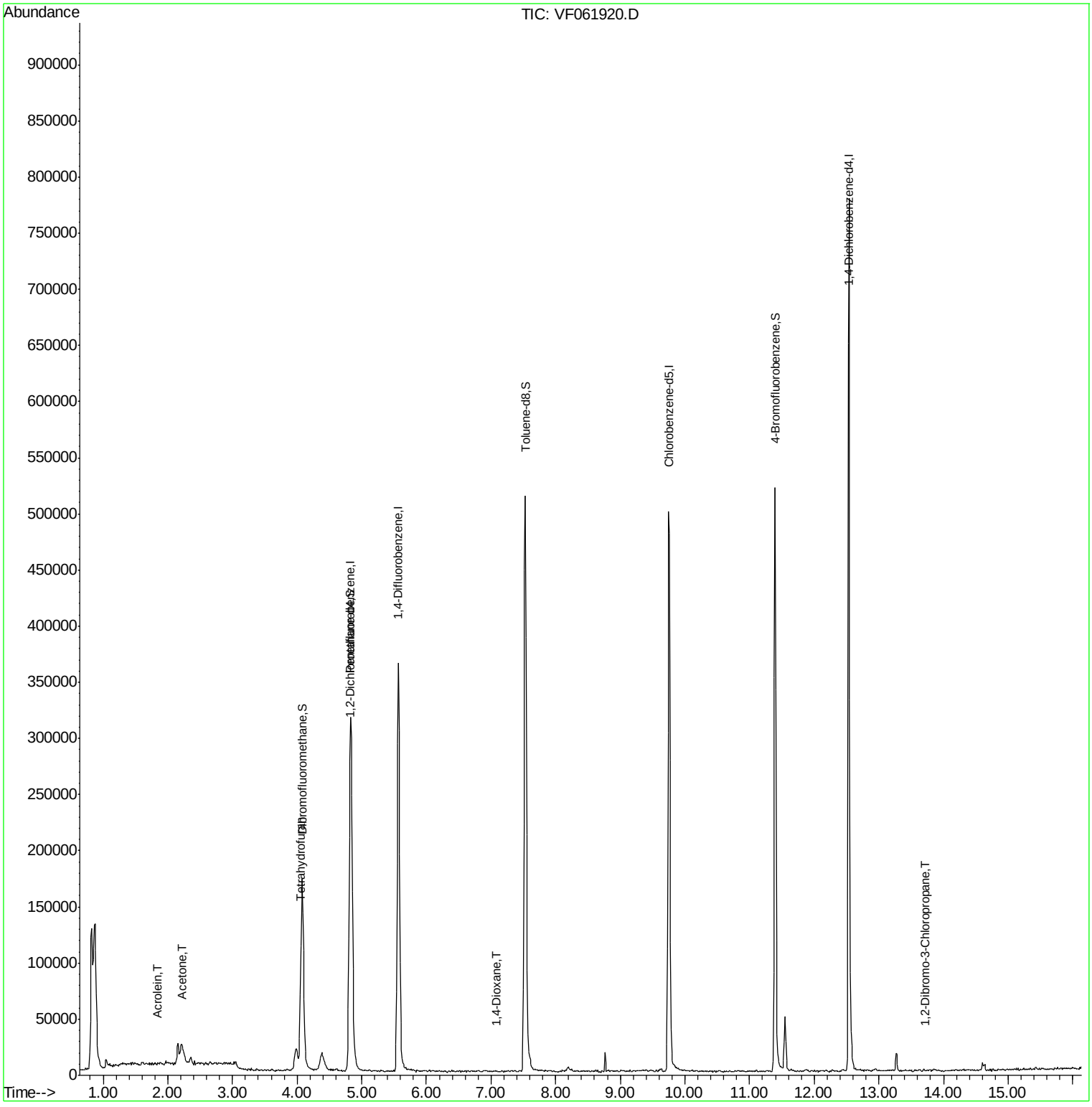
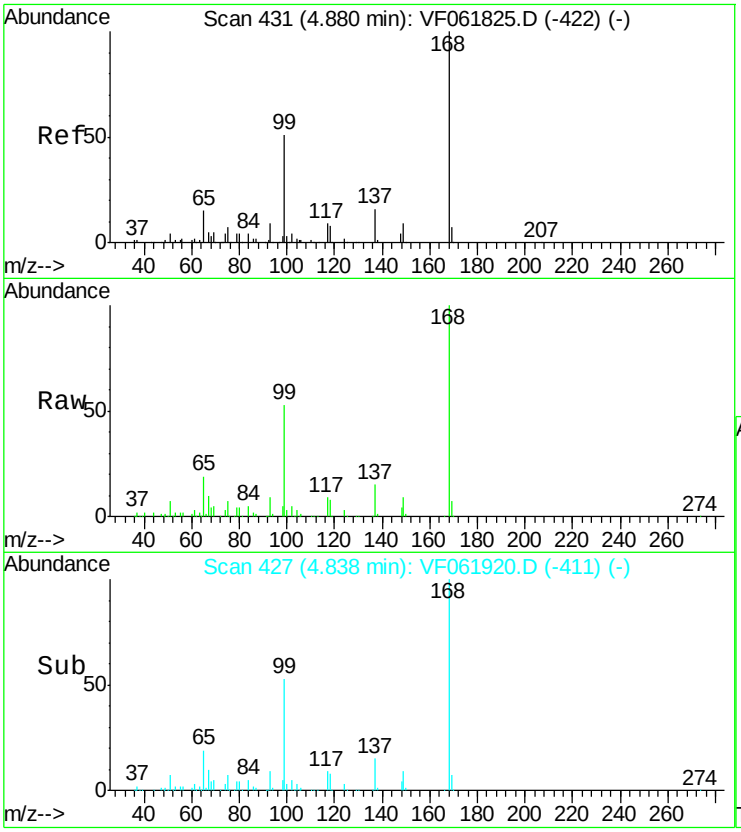


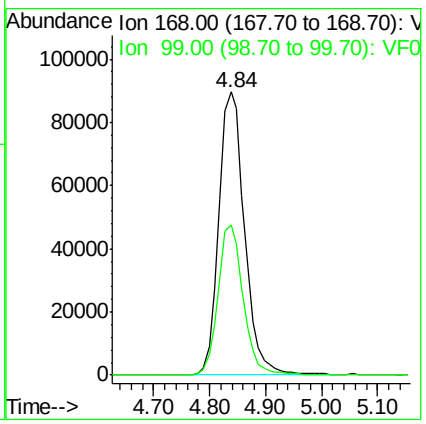


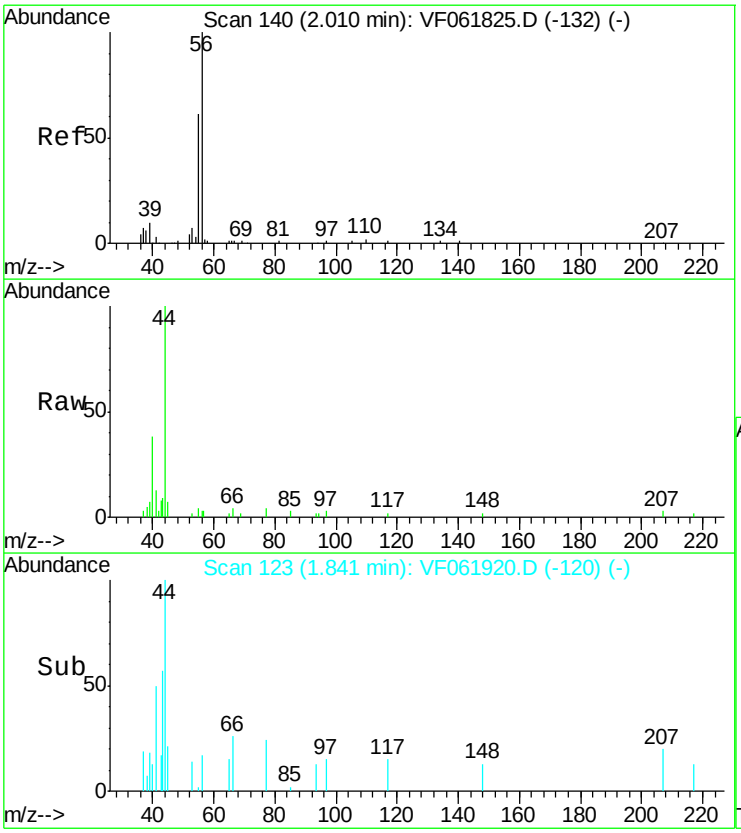
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-04-COMP

Tgt Ion:168 Resp: 287544

Ion	Ratio	Lower	Upper
168	100		
99	53.1	40.8	61.2

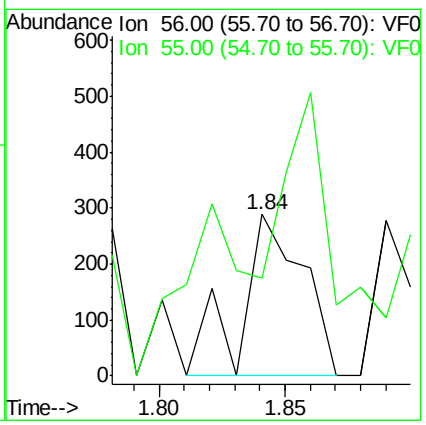


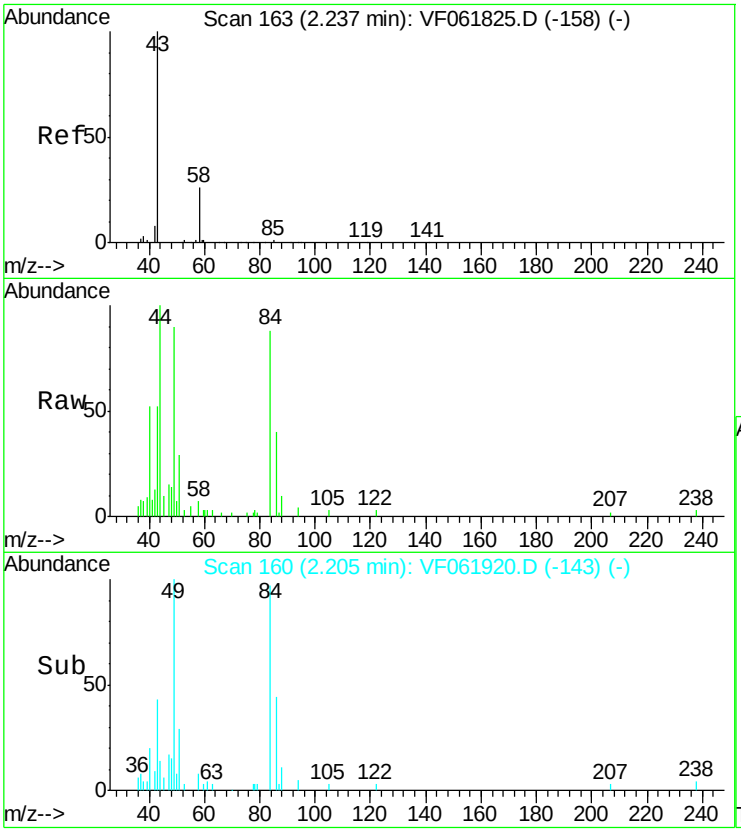


#13
Acrolein
Concen: 3.327 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.17 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion: 56 Resp: 501

Ion	Ratio	Lower	Upper
56	100		
55	60.9	51.3	76.9



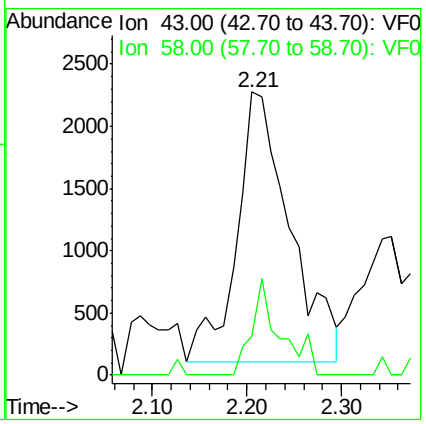


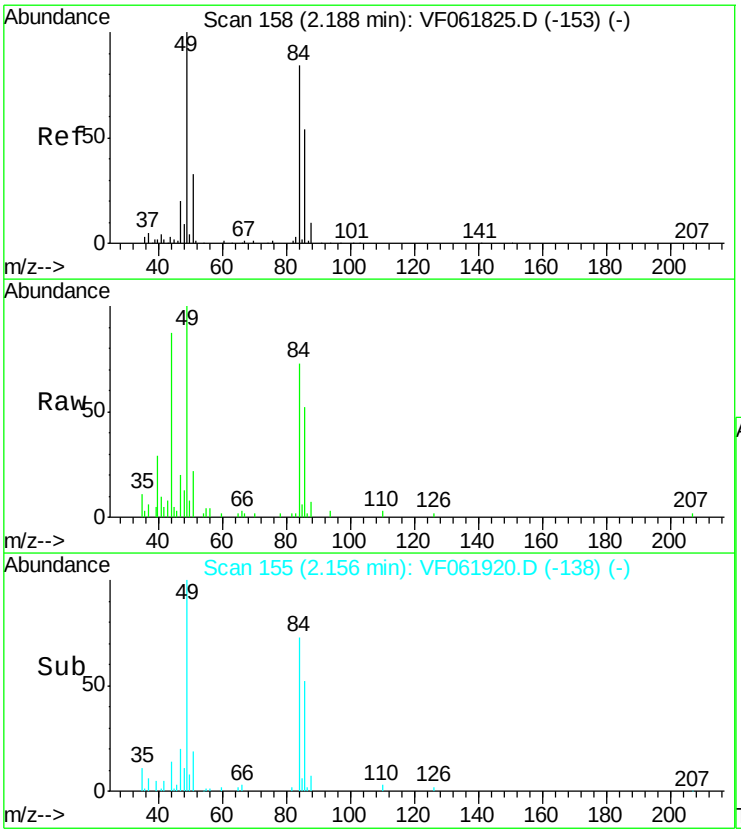
#16
Acetone
Concen: 19.362 ug/l
RT: 2.21 min Scan# 160
Delta R.T. -0.03 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument : MSVOA_F
ClientSampleId : MR-MH-04-COMP

Tgt Ion: 43 Resp: 8493

Ion	Ratio	Lower	Upper
43	100		
58	13.8	20.3	30.5#

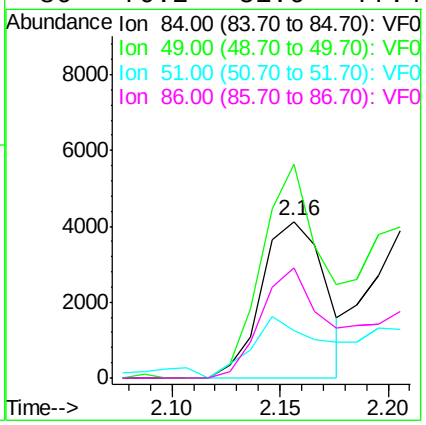


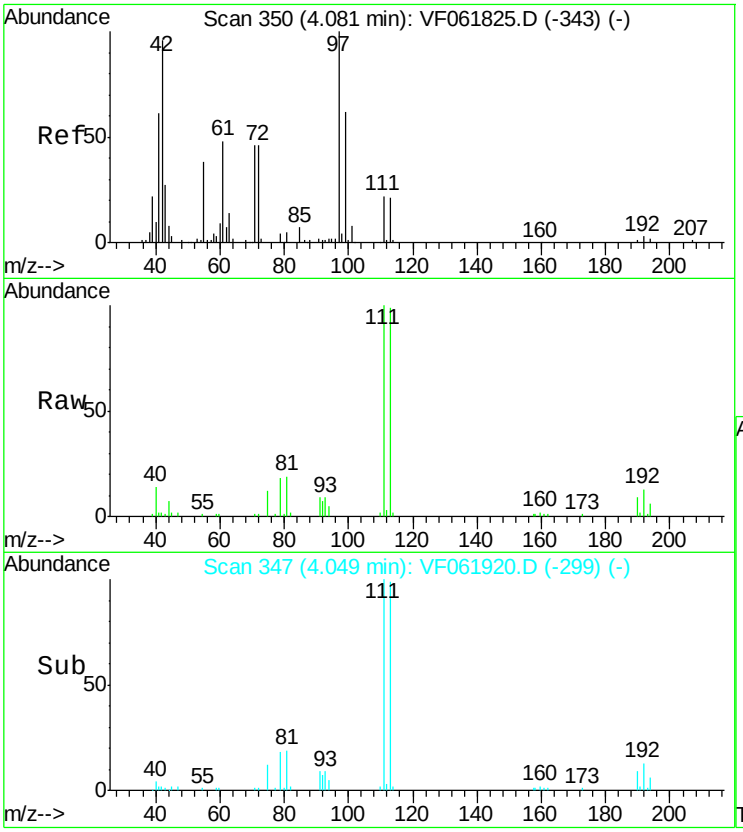


#20
Methylene Chloride
Concen: Below Cal
RT: 2.16 min Scan# 155
Delta R.T. -0.03 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion: 84 Resp: 8475

Ion	Ratio	Lower	Upper
84	100		
49	136.2	96.8	145.2
51	30.0	31.8	47.6#
86	70.2	51.6	77.4



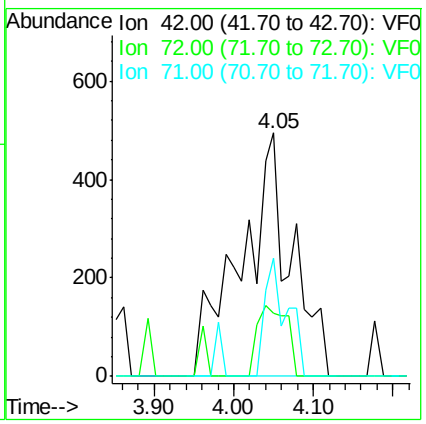


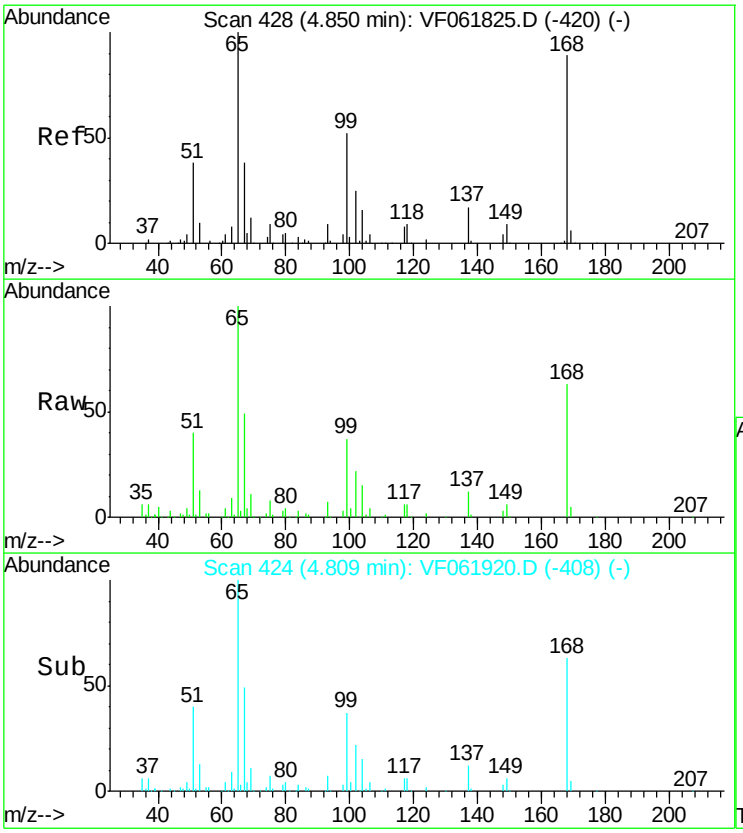
#29
Tetrahydrofuran
Concen: 5.603 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-04-COMP

Tgt Ion: 42 Resp: 2156

Ion	Ratio	Lower	Upper
42	100		
72	17.0	34.4	51.6#
71	21.8	34.6	52.0#

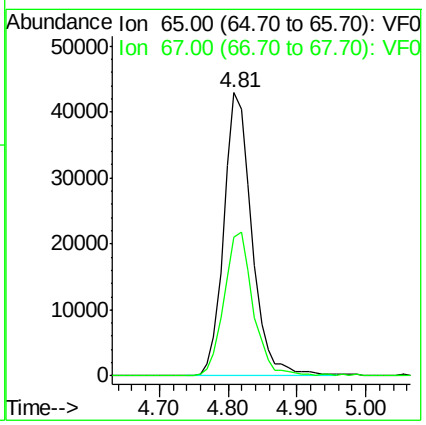


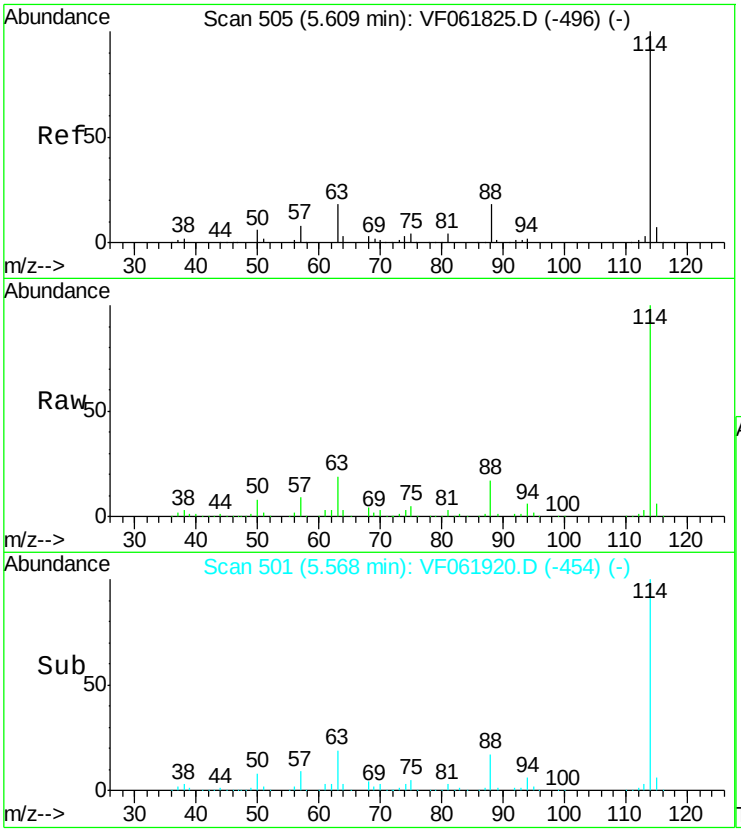


#33
1,2-Dichloroethane-d4
Concen: 57.909 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.04 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion: 65 Resp: 121263

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	108.6



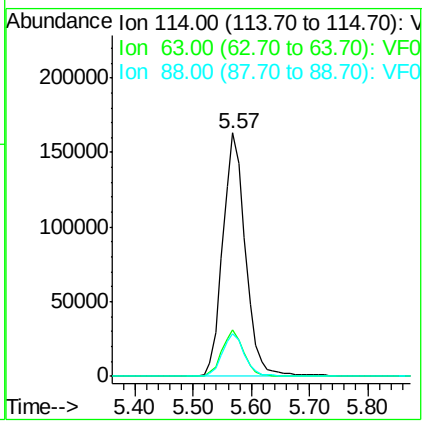


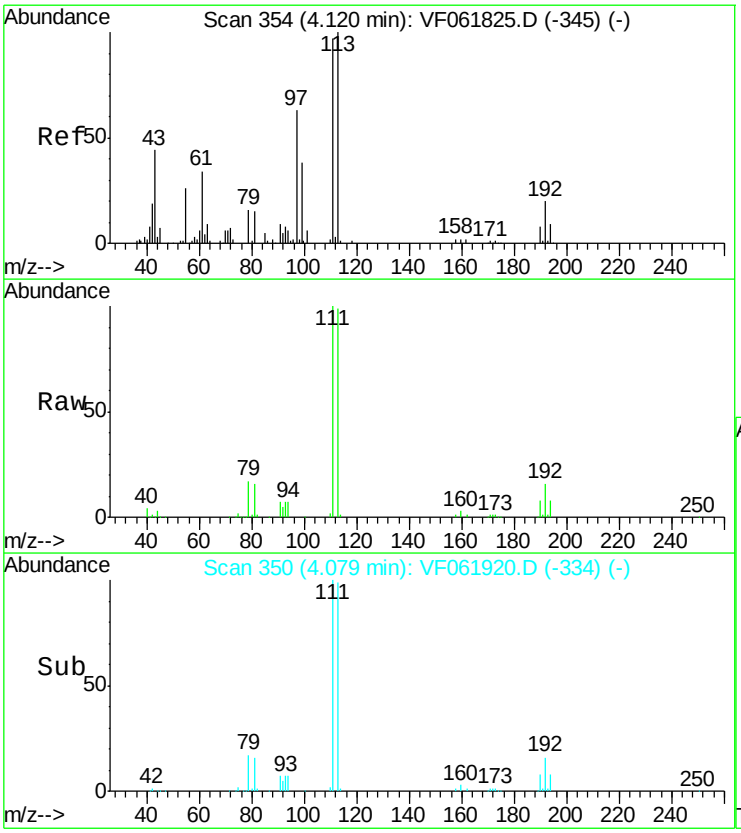
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-04-COMP

Tgt Ion:114 Resp: 441760

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.6
88	17.5	0.0	35.6

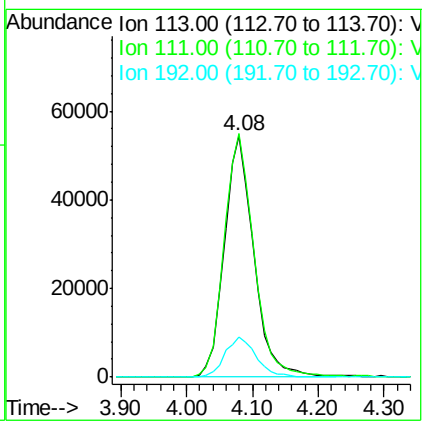


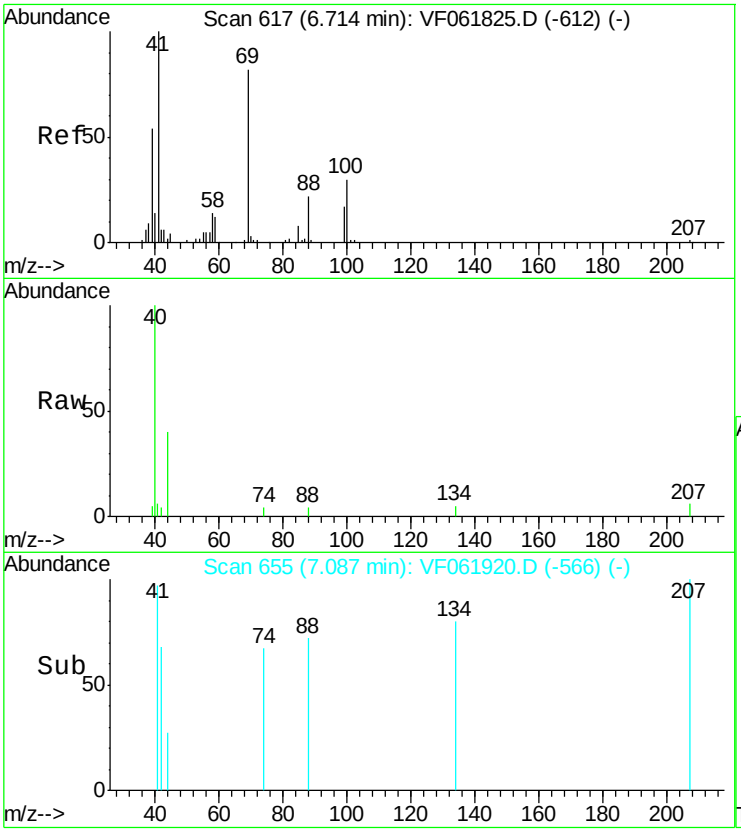


#35
Dibromofluoromethane
Concen: 55.373 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion:113 Resp: 170709

Ion	Ratio	Lower	Upper
113	100		
111	101.0	77.6	116.4
192	16.6	15.9	23.9



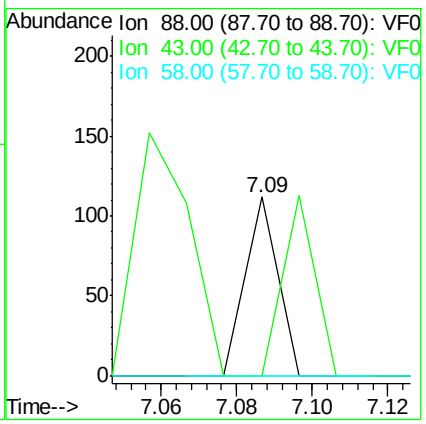


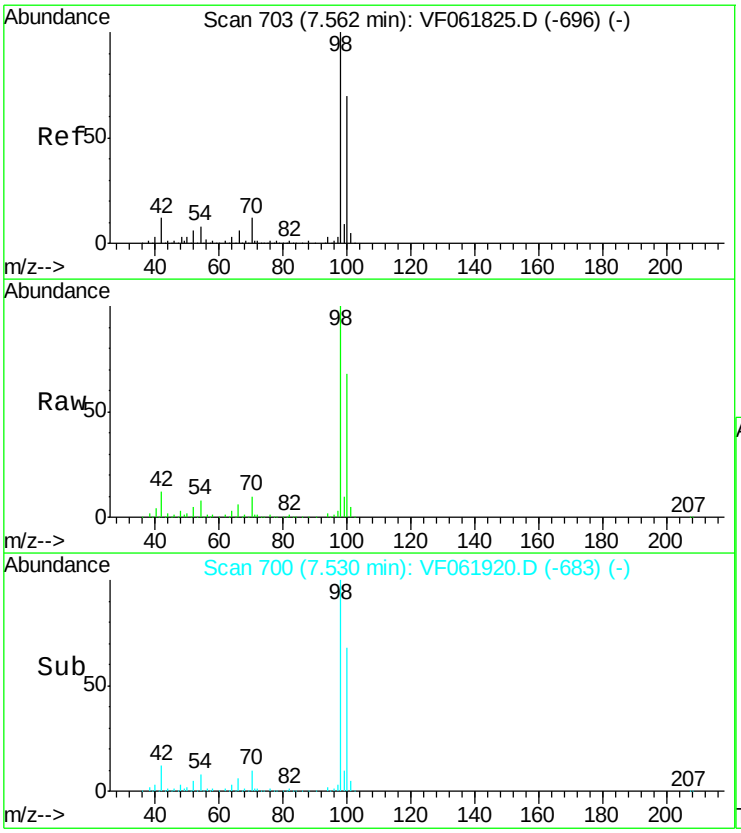
#49
1,4-Dioxane
Concen: 5.284 ug/l
RT: 7.09 min Scan# 655
Delta R.T. 0.37 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument : MSVOA_F
ClientSampleId : MR-MH-04-COMP

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.4	42.6#
58	0.0	50.7	76.1#

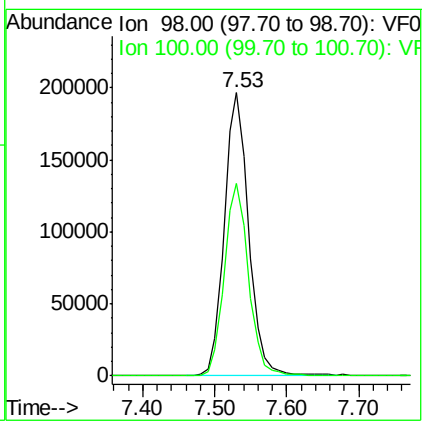


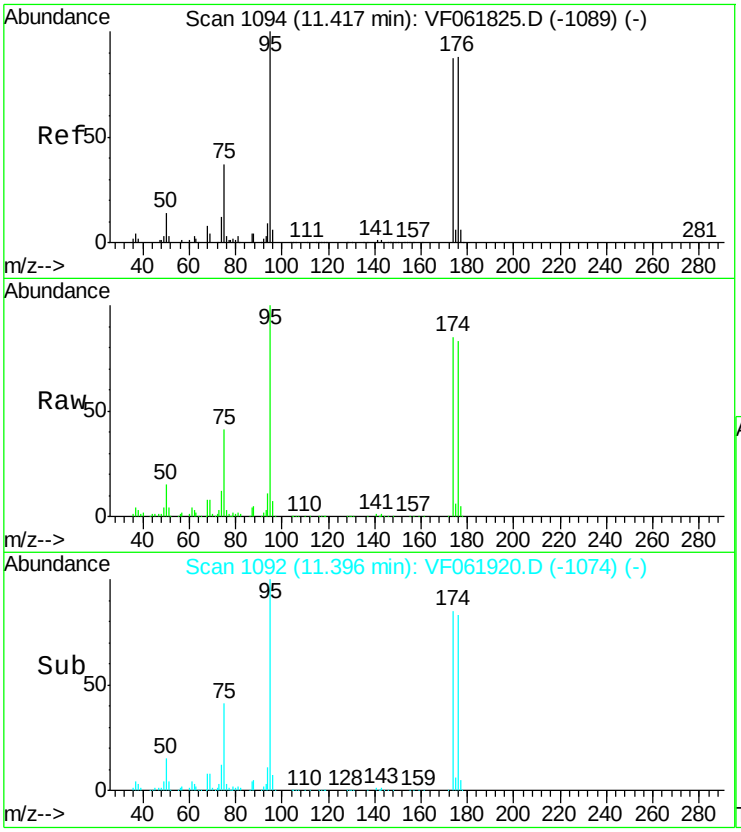


#50
Toluene-d8
Concen: 50.233 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion: 98 Resp: 460297

Ion	Ratio	Lower	Upper
98	100		
100	68.2	56.0	84.0



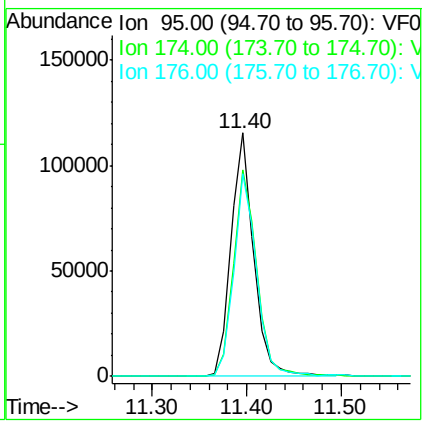


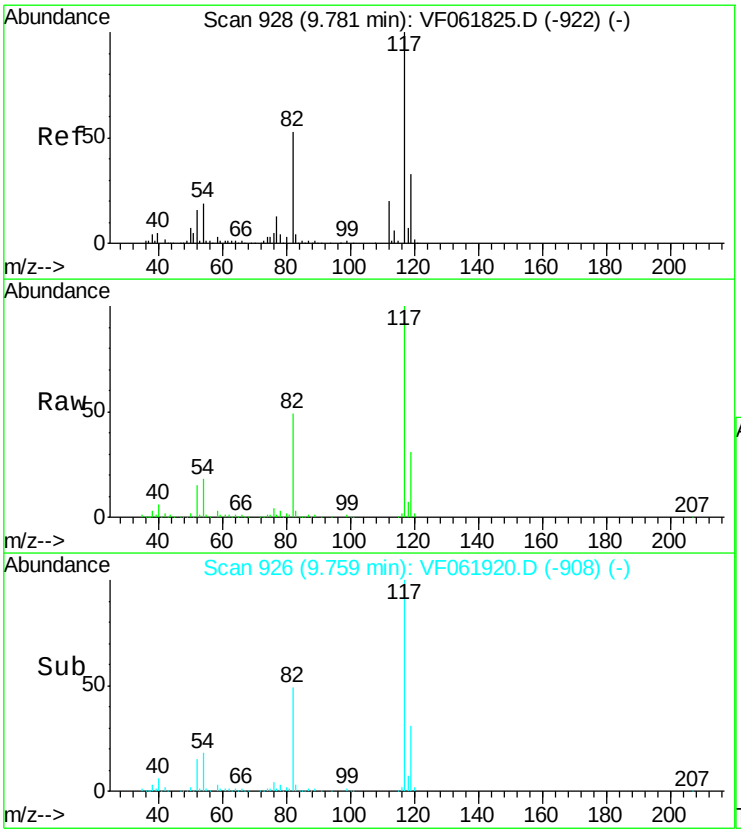
#62
4-Bromofluorobenzene
Concen: 53.526 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-04-COMP

Tgt Ion: 95 Resp: 192132

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	174.0
176	83.4	0.0	175.2

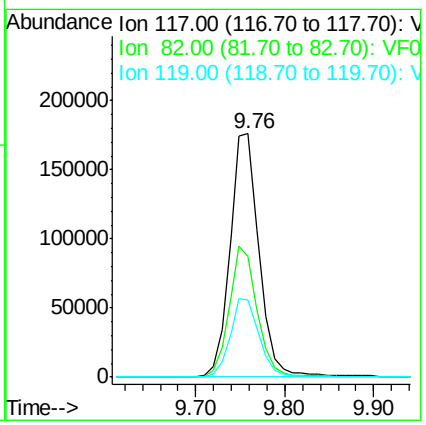


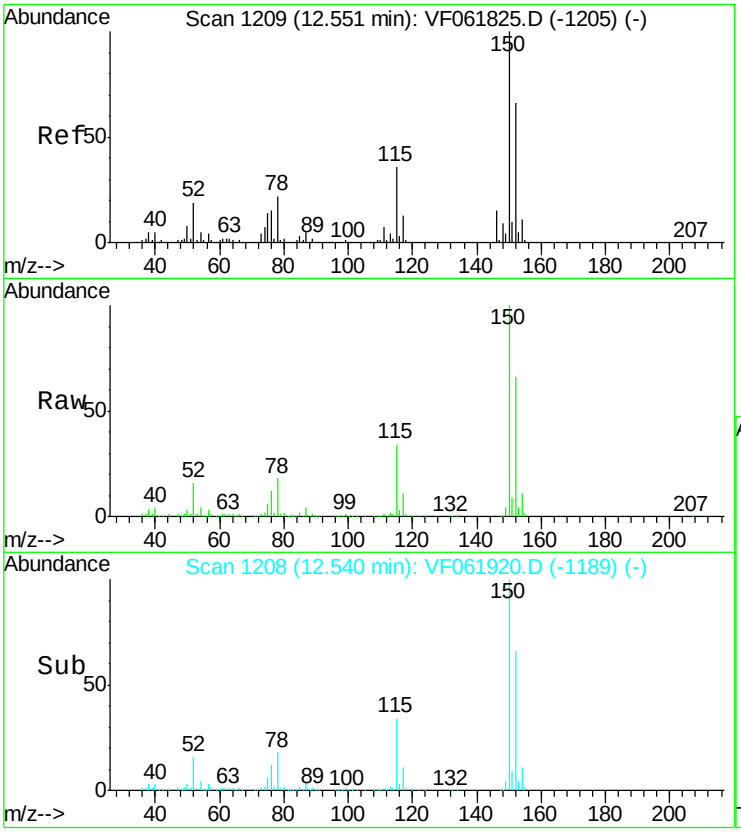


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion:117 Resp: 401586

Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.6	63.8
119	31.5	26.0	39.0



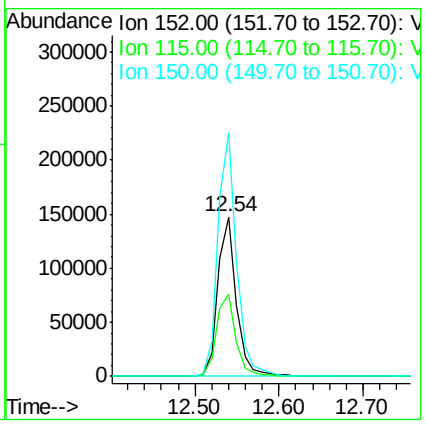


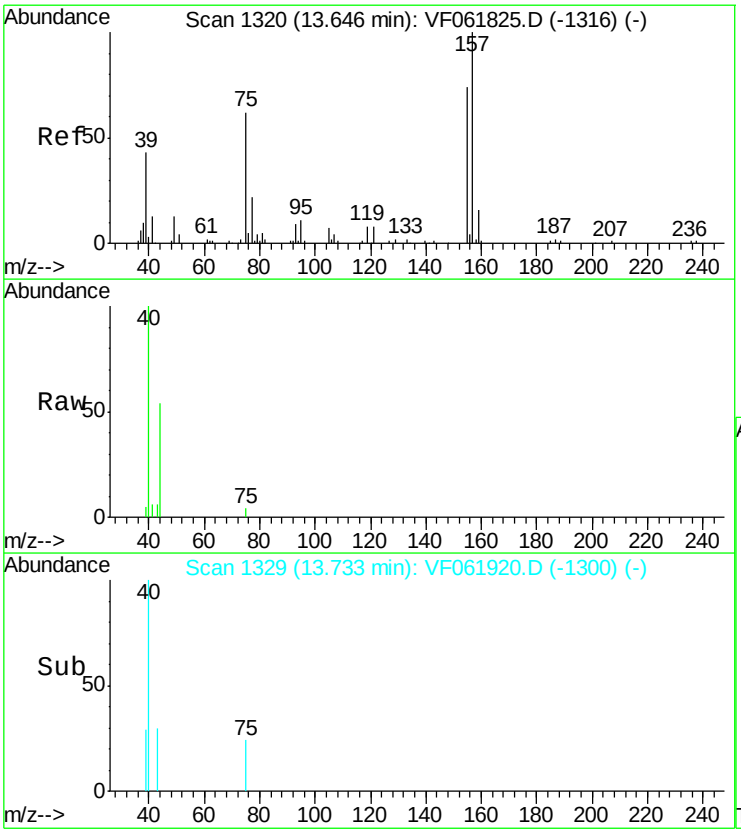
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Instrument : MSVOA_F
ClientSampleId : MR-MH-04-COMP

Tgt Ion:152 Resp: 225852

Ion	Ratio	Lower	Upper
152	100		
115	51.7	27.7	83.1
150	152.4	0.0	304.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 3.891 ug/l
RT: 13.73 min Scan# 1329
Delta R.T. 0.09 min
Lab File: VF061920.D
Acq: 12 Mar 2019 22:25

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#