Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022519\
Data File : VF061731.D
Acq On : 25 Feb 2019 15:38
Operator : VA/AP
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VIBLK

Quant Time: Feb 26 04:42:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	334976	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	488364	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	420517	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	271566	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128829	52.45	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.90%			
35) Dibromofluoromethane	4.11	113	191580	52.83	ug/l	-0.01
Spiked Amount 50.000			Recovery = 105.66%			
50) Toluene-d8	7.55	98	522166	50.09	ug/l	-0.01
Spiked Amount 50.000			Recovery = 100.18%			
62) 4-Bromofluorobenzene	11.41	95	229899	54.50	ug/l	-0.01
Spiked Amount 50.000			Recovery = 109.00%			
Target Compounds						Qvalue
13) Acrolein	2.12	56	359	2.009	ug/l	93
16) Acetone	2.23	43	1915	3.634	ug/l #	46
18) Methyl Acetate	2.28	43	1243	1.047	ug/l	99
20) Methylene Chloride	2.18	84	2216	Below Cal	#	75
29) Tetrahydrofuran	4.08	42	656	1.254	ug/l #	42
49) 1,4-Dioxane	6.34	88	83	5.516	ug/l #	20

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

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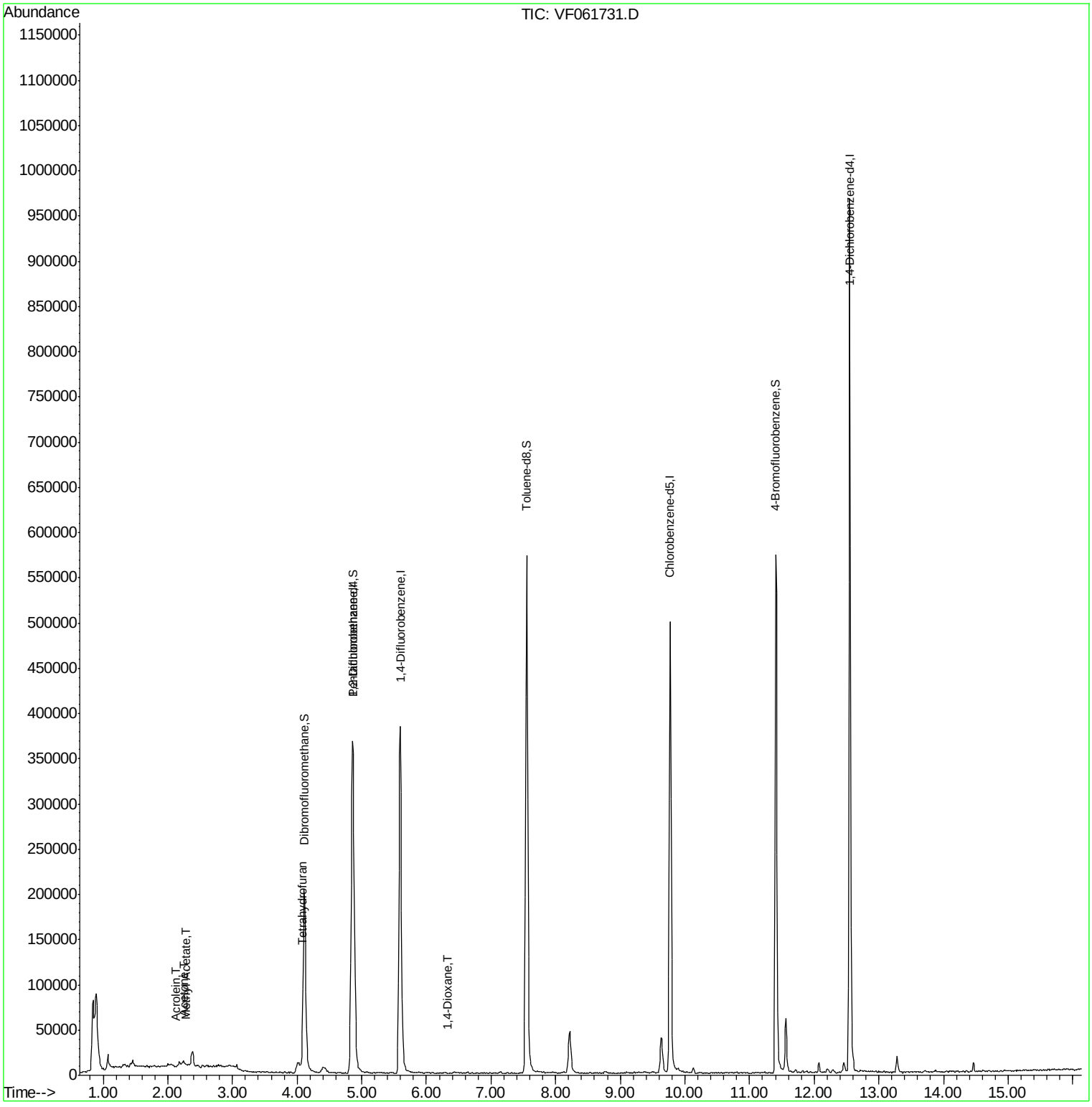
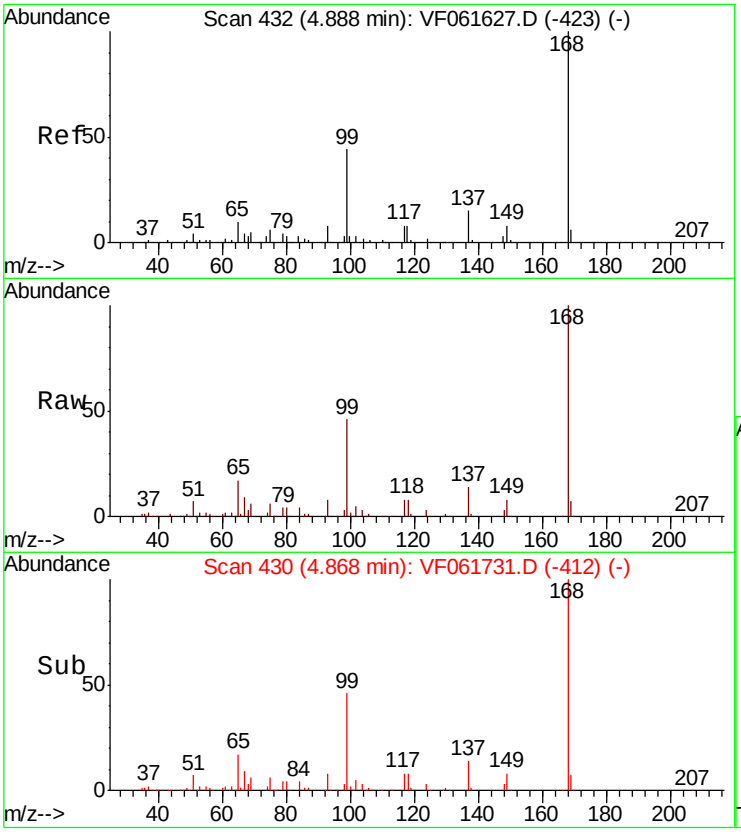


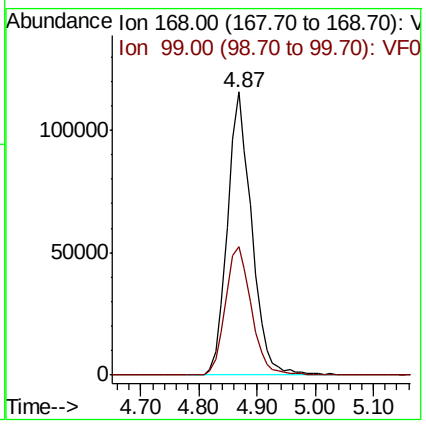


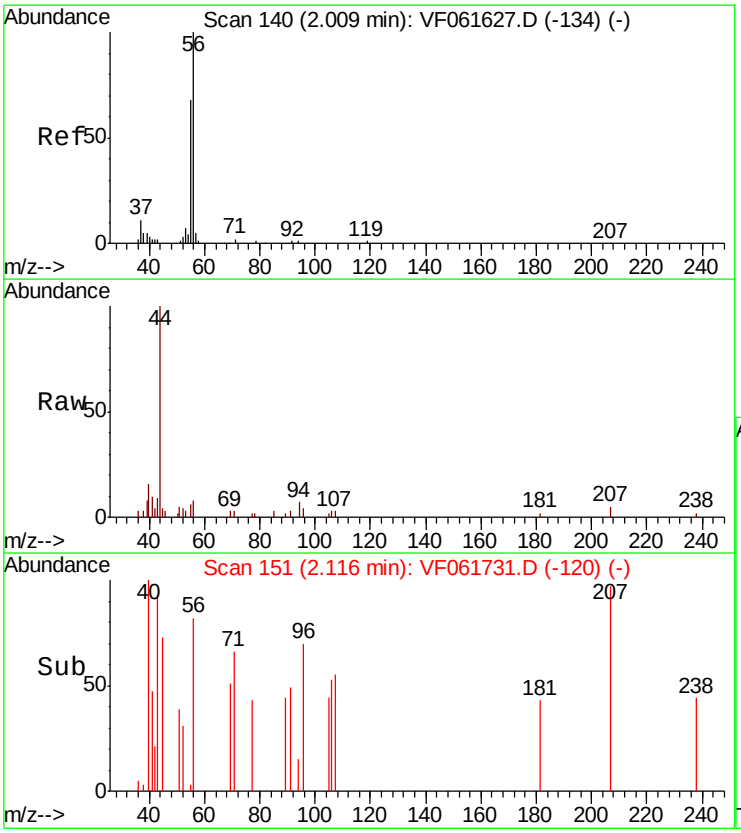
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 334976

Ion	Ratio	Lower	Upper
168	100		
99	45.6	34.9	52.3

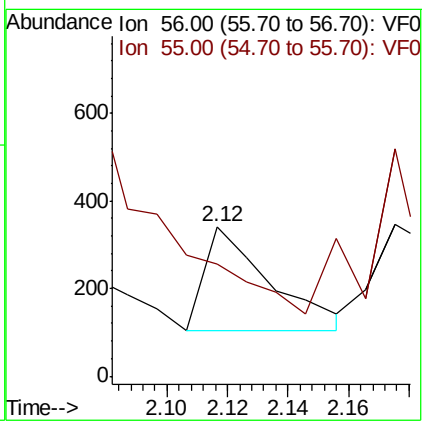


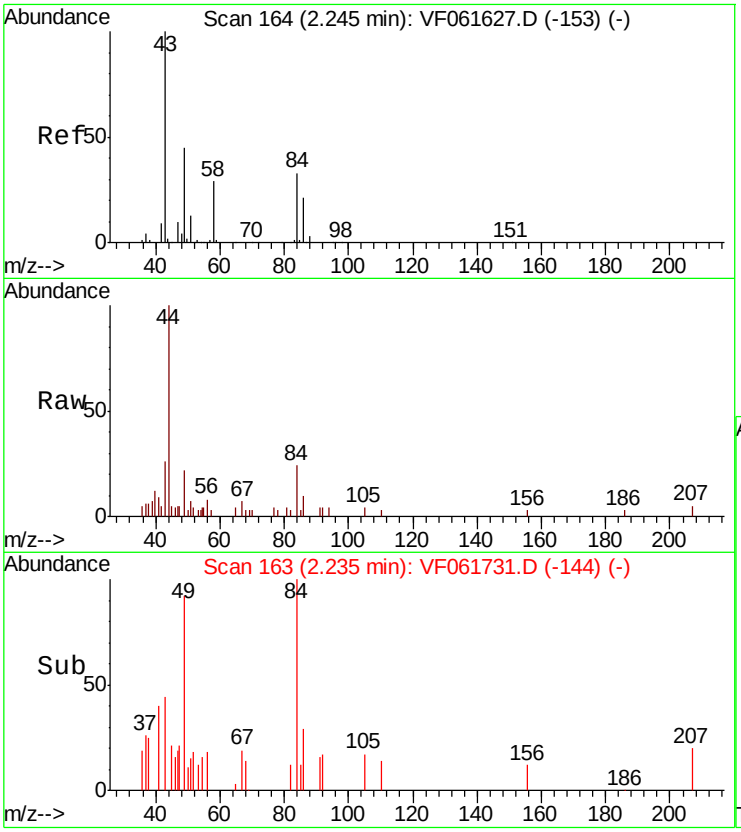


#13
Acrolein
Concen: 2.009 ug/l
RT: 2.12 min Scan# 151
Delta R.T. 0.11 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion: 56 Resp: 359

Ion	Ratio	Lower	Upper
56	100		
55	74.9	55.0	82.6



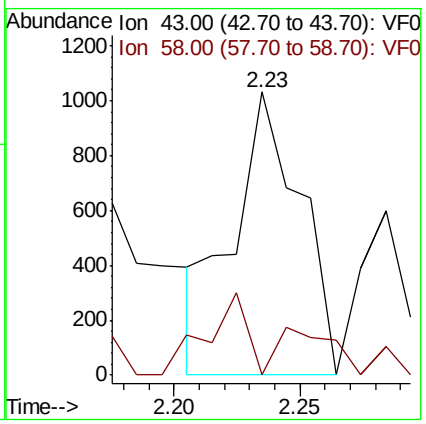


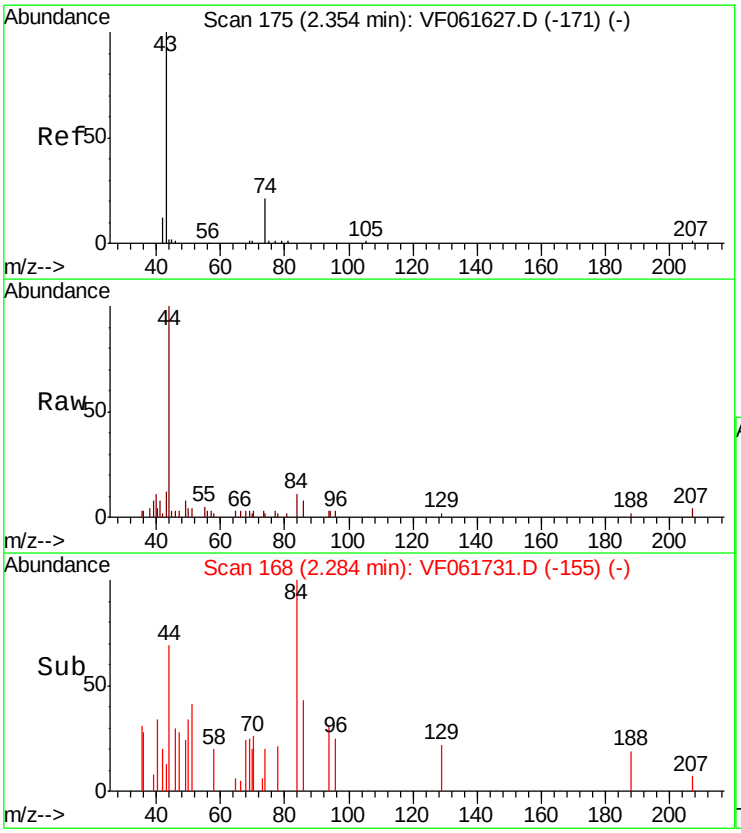
#16
Acetone
Concen: 3.634 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1915

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	34.3#

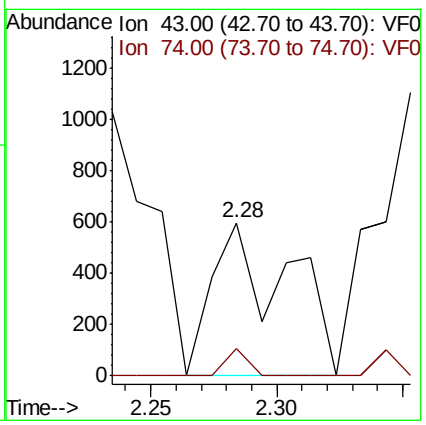


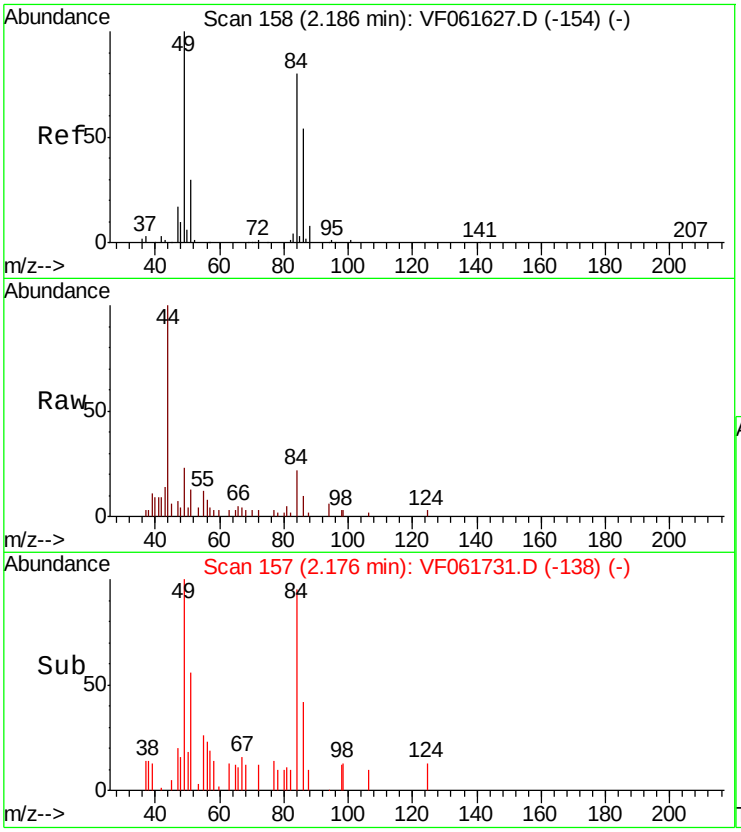


#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.28 min Scan# 168
Delta R.T. -0.07 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion: 43 Resp: 1243

Ion	Ratio	Lower	Upper
43	100		
74	17.6	14.6	21.8



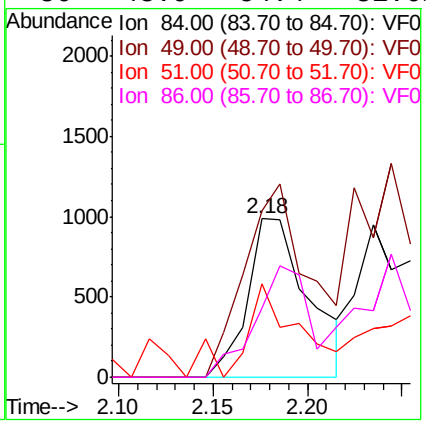


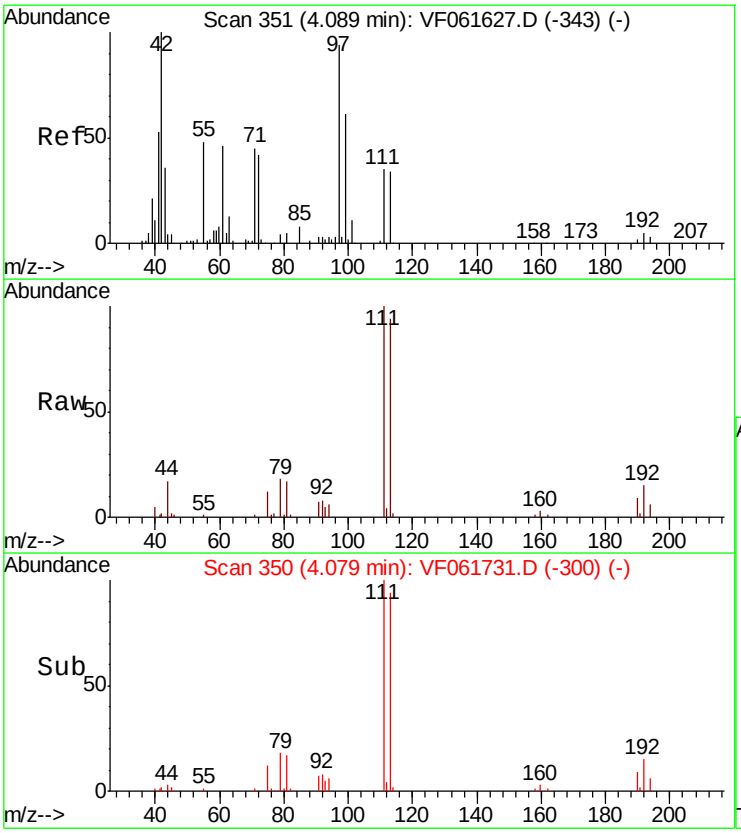
#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 2216

Ion	Ratio	Lower	Upper
84	100		
49	104.8	101.8	152.8
51	59.0	31.1	46.7#
86	43.9	54.4	81.6#

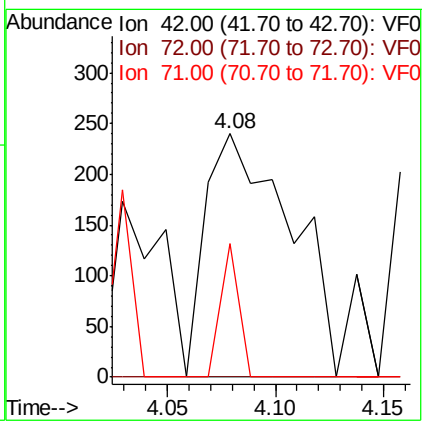


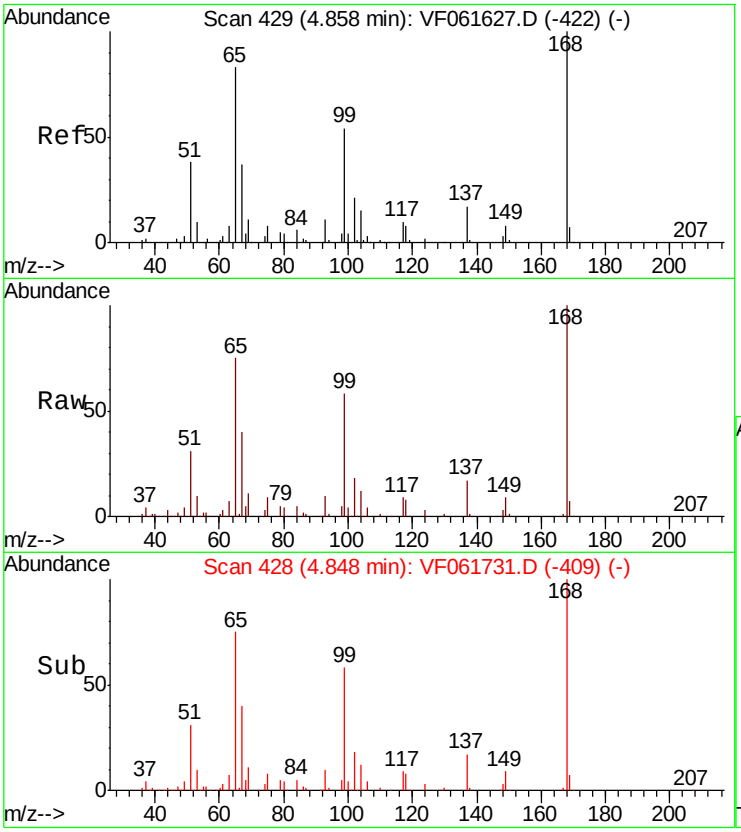


#29
Tetrahydrofuran
Concen: 1.254 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion: 42 Resp: 656

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.2	52.8#
71	11.9	32.9	49.3#



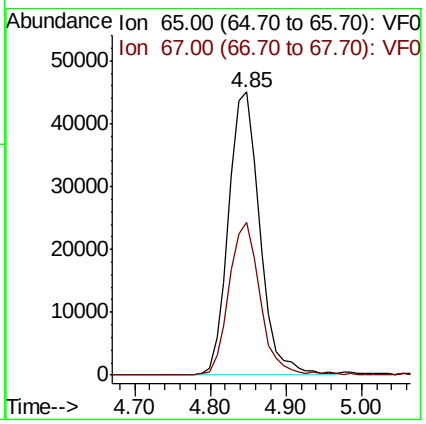


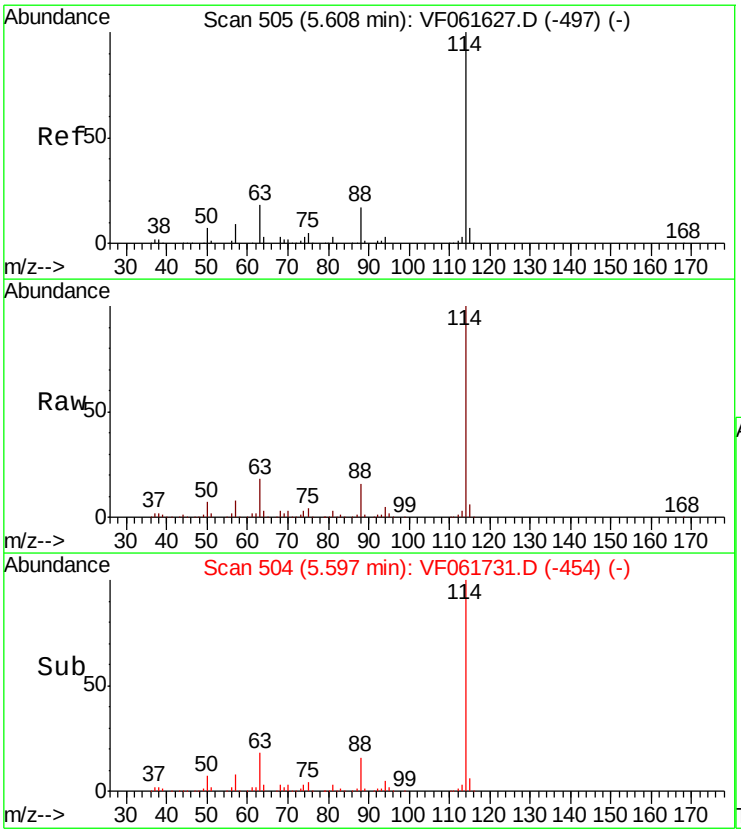
#33
1,2-Dichloroethane-d4
Concen: 52.446 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 128829

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	104.0

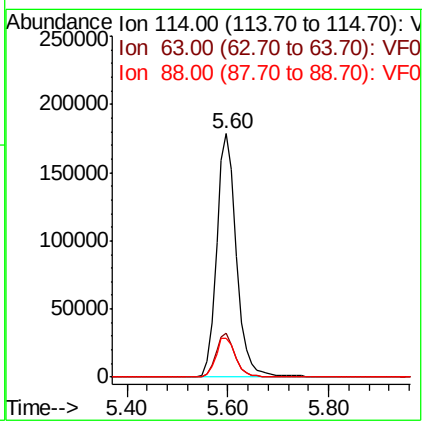


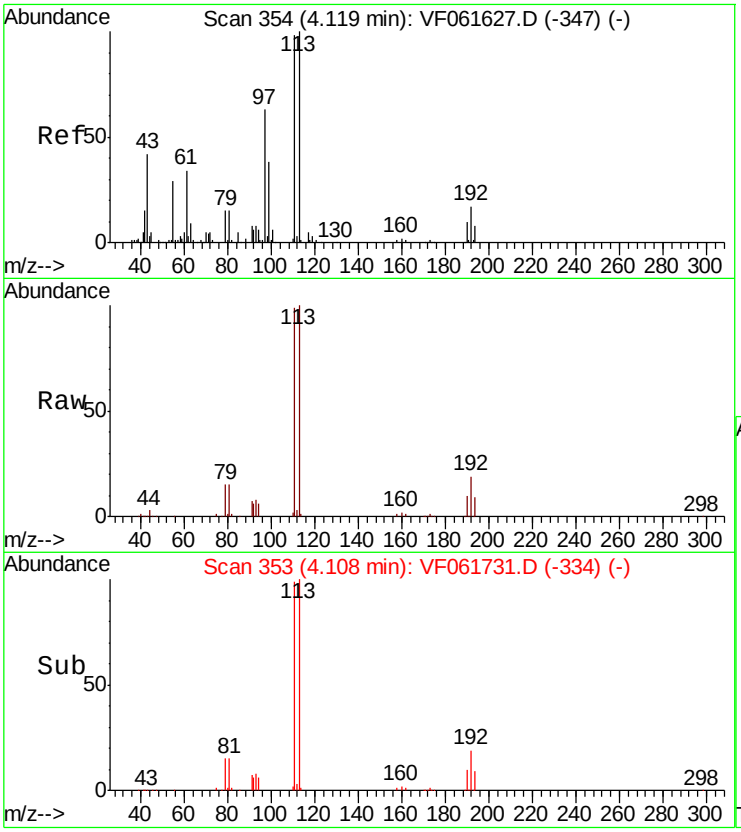


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion:114 Resp: 488364

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	16.2	0.0	34.4



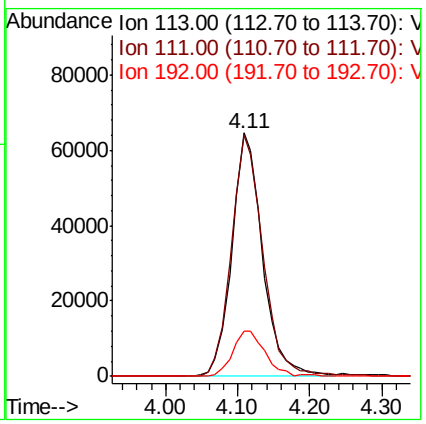


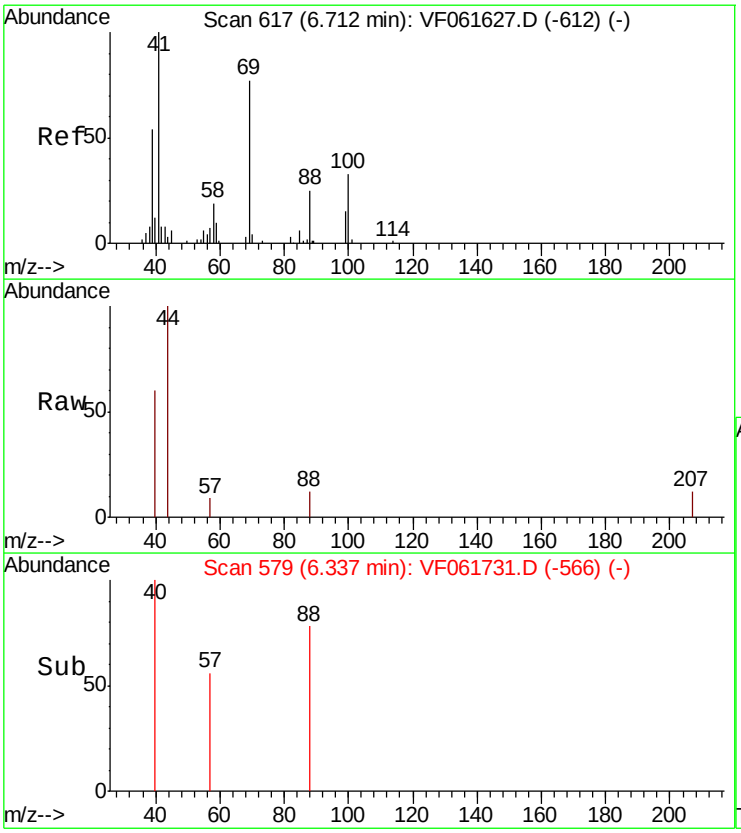
#35
Dibromofluoromethane
Concen: 52.826 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 191580

Ion	Ratio	Lower	Upper
113	100		
111	99.0	78.8	118.2
192	19.2	13.4	20.0

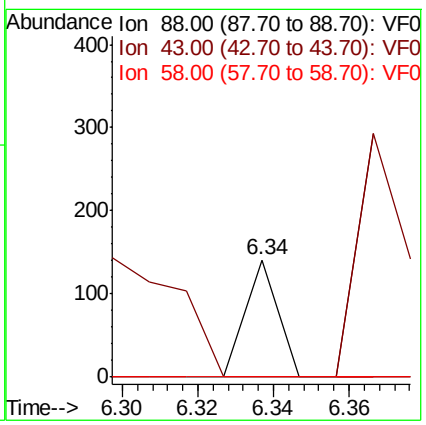


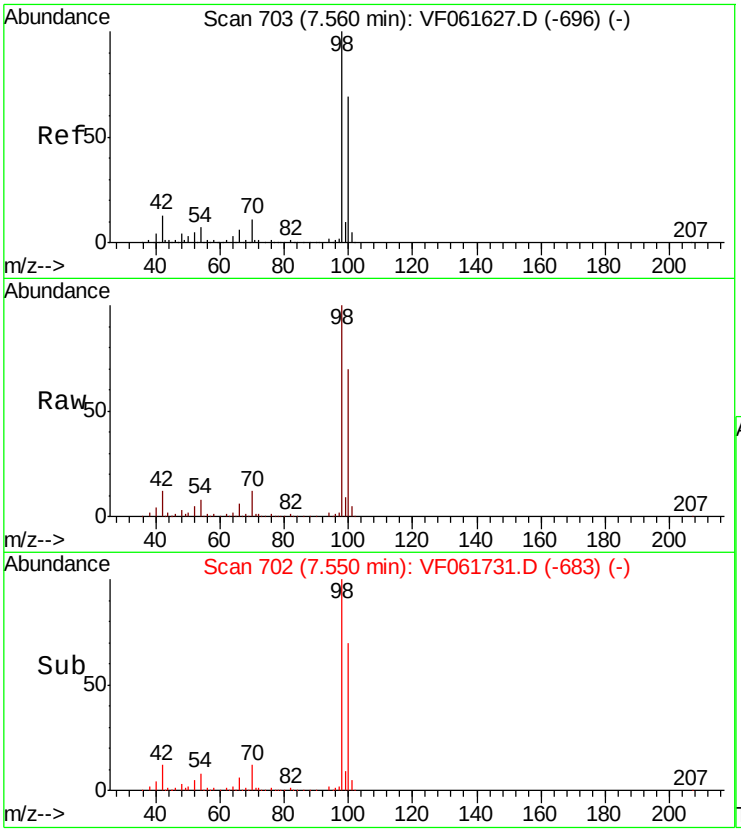


#49
1,4-Dioxane
Concen: 5.516 ug/l
RT: 6.34 min Scan# 579
Delta R.T. -0.38 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.3	48.5#
58	0.0	59.4	89.2#



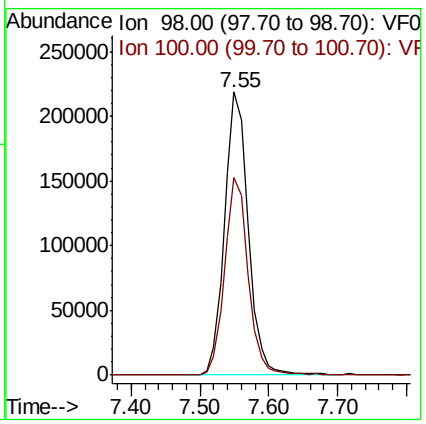


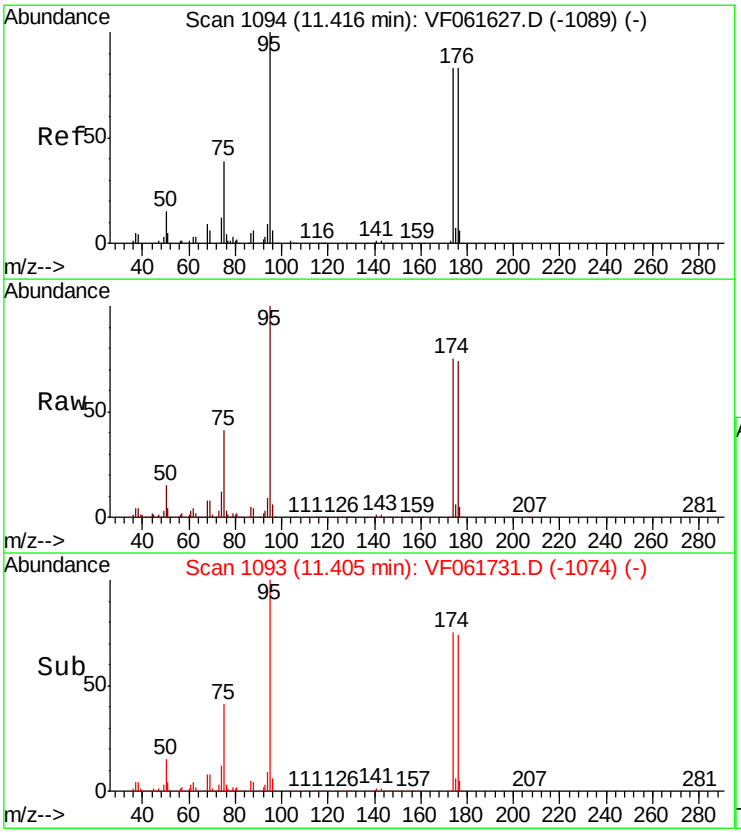
#50
Toluene-d8
Concen: 50.085 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 522166

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.4	83.2

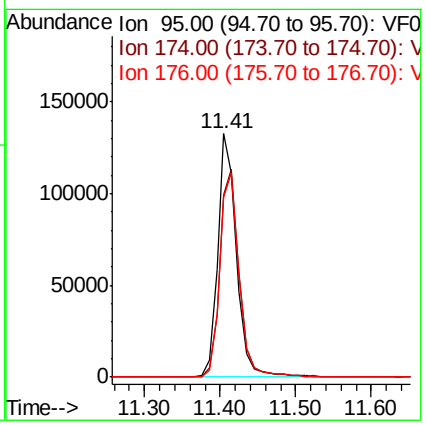


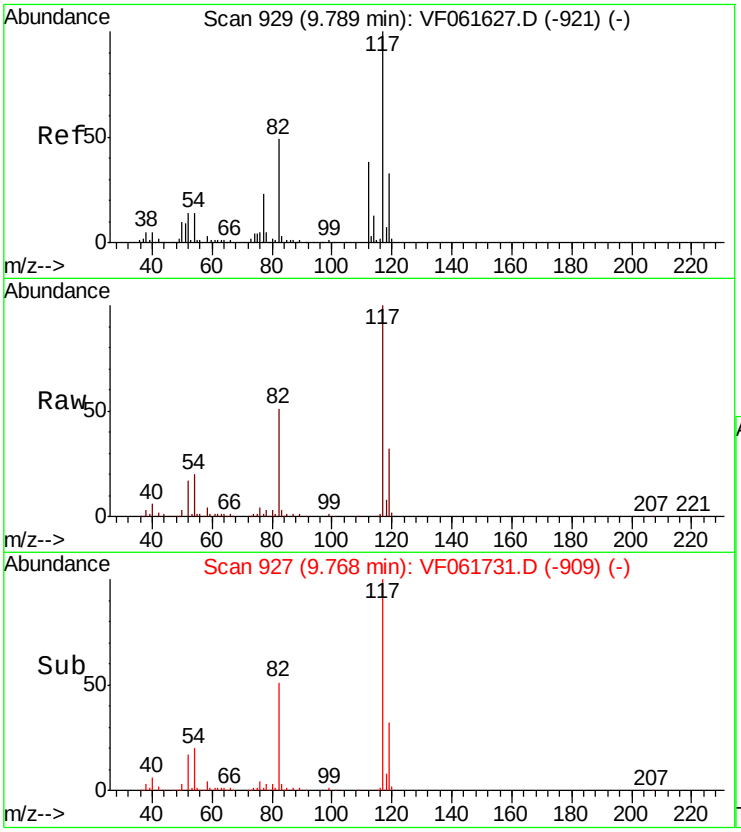


#62
4-Bromofluorobenzene
Concen: 54.500 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion: 95 Resp: 229899

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	165.8
176	73.9	0.0	167.0



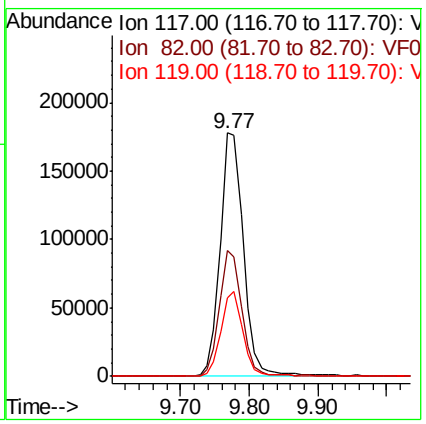


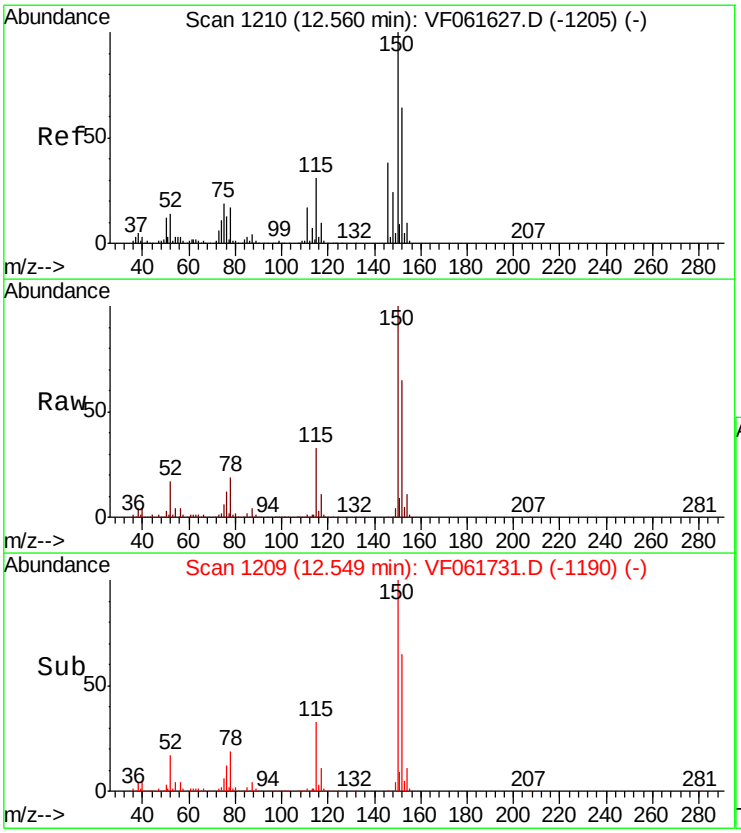
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Instrument : MSVOA_F
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 420517

Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.3	58.9
119	32.4	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061731.D
Acq: 25 Feb 2019 15:38

Tgt Ion:152 Resp: 271566

Ion	Ratio	Lower	Upper
152	100		
115	50.3	24.3	72.8
150	153.0	0.0	312.0