Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061807.D
Acq On : 1 Mar 2019 17:22
Operator : VA/AP
Sample : K1675-05
Misc : 4.28g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Quant Time: Mar 02 02:46:40 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	4.85	168	340430	50.00	ug/l		-0.04
34) 1,4-Difluorobenzene	5.58	114	512669	50.00	ug/l		-0.03
63) Chlorobenzene-d5	9.76	117	423692	50.00	ug/l		-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	238323	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.83	65	102769	41.17	ug/l		-0.03
Spiked Amount 50.000			Recovery = 82.34%				
35) Dibromofluoromethane	4.10	113	159082	41.79	ug/l		-0.02
Spiked Amount 50.000			Recovery = 83.58%				
50) Toluene-d8	7.54	98	404544	36.96	ug/l		-0.03
Spiked Amount 50.000			Recovery = 73.92%				
62) 4-Bromofluorobenzene	11.40	95	180266	40.71	ug/l		-0.02
Spiked Amount 50.000			Recovery = 81.42%				
Target Compounds							Qvalue
8) Diethyl Ether	1.62	74	2059	1.776	ug/l		75
11) Tert butyl alcohol	2.56	59	759	5.253	ug/l	#	63
13) Acrolein	2.01	56	464	2.555	ug/l	#	35
15) Acrylonitrile	2.95	53	1616	3.153	ug/l	#	53
16) Acetone	2.23	43	13270	24.775	ug/l		93
18) Methyl Acetate	2.37	43	3483	2.887	ug/l	#	89
20) Methylene Chloride	2.24	84	20887	5.009	ug/l		93
23) Vinyl Acetate	3.19	43	6083	1.449	ug/l		99
25) 2-Butanone	4.32	43	3407	2.912	ug/l	#	87
29) Tetrahydrofuran	4.07	42	3472	6.529	ug/l	#	84
49) 1,4-Dioxane	6.71	88	260	16.460	ug/l	#	31
51) 4-Methyl-2-Pentanone	8.24	43	7574	3.796	ug/l	#	85
58) 2-Chloroethyl Vinyl ether	7.29	63	1076	2.366	ug/l	#	87
59) 2-Hexanone	9.48	43	4828	3.452	ug/l		84

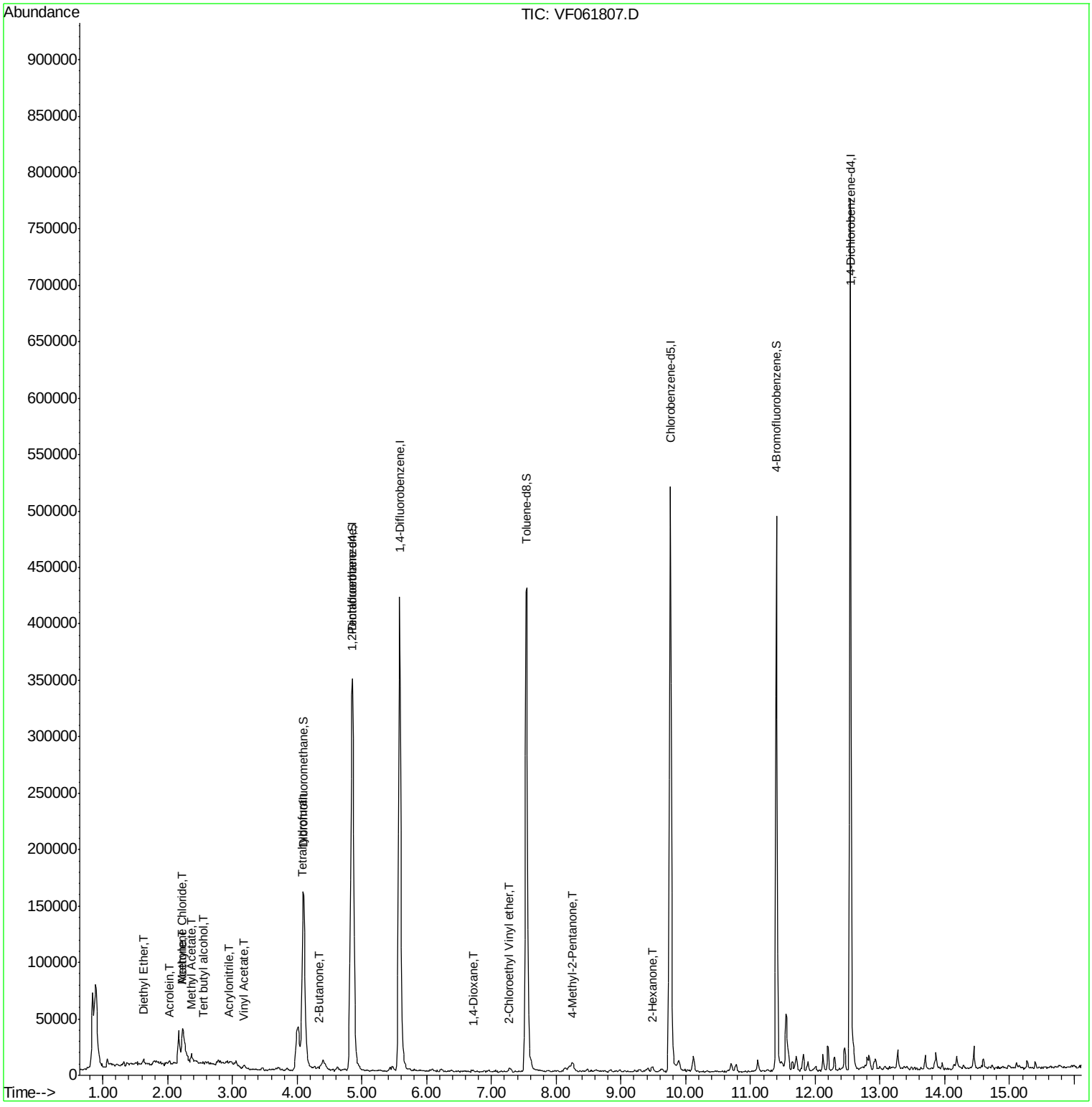
(#) = qualifier out of range (m) = manual integration (+) = signals summed

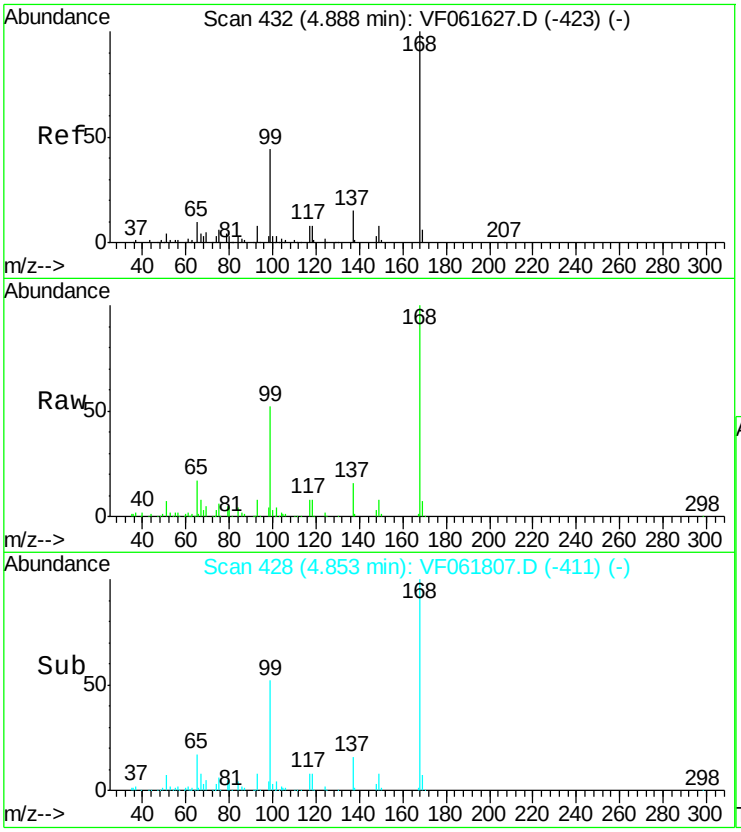
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061807.D
Acq On : 1 Mar 2019 17:22
Operator : VA/AP
Sample : K1675-05
Misc : 4.28g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Quant Time: Mar 02 02:46:40 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



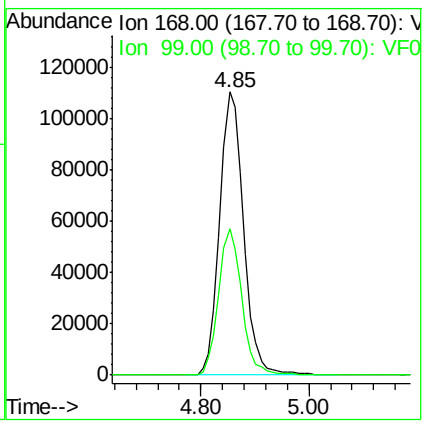


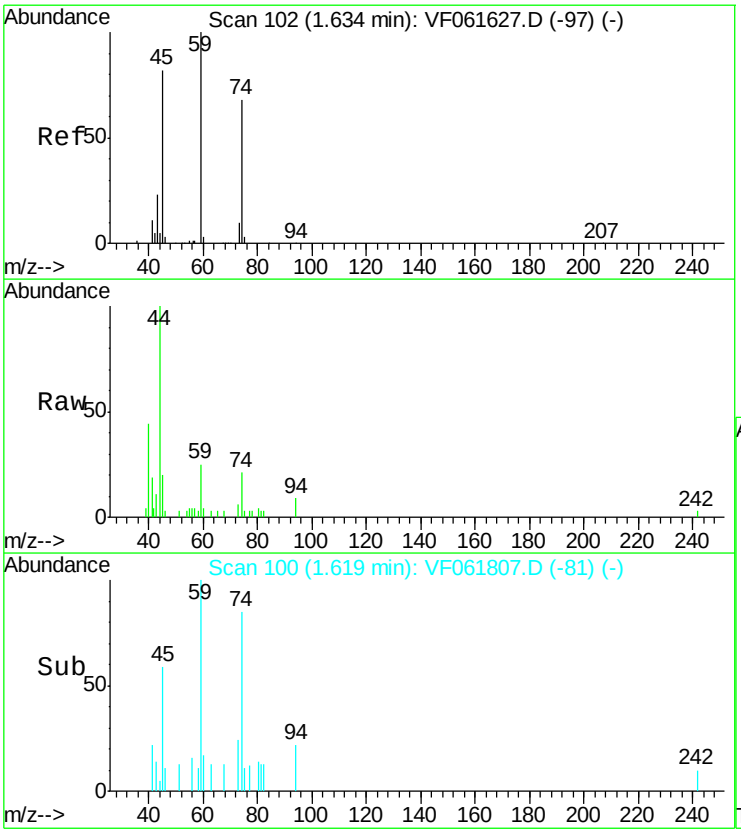
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tgt Ion:168 Resp: 340430

Ion	Ratio	Lower	Upper
168	100		
99	51.8	34.9	52.3

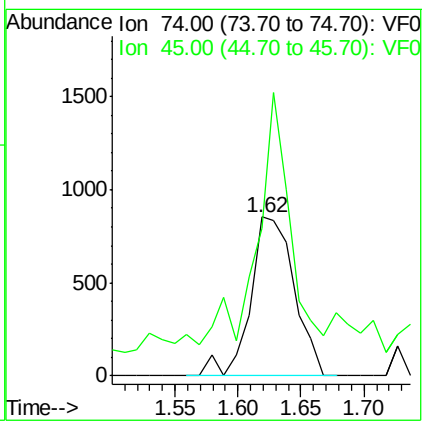


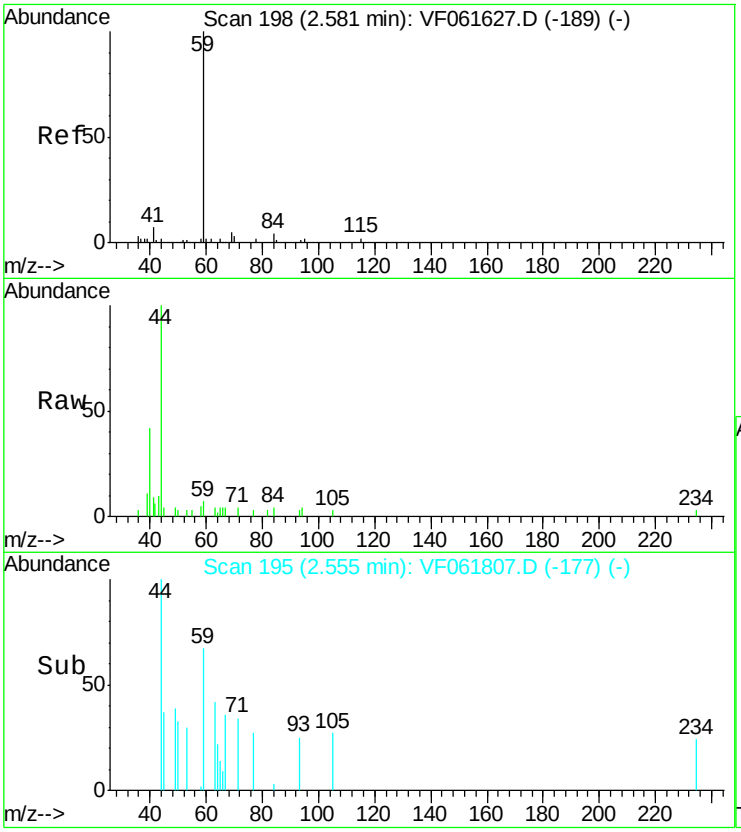


#8
Diethyl Ether
Concen: 1.776 ug/l
RT: 1.62 min Scan# 100
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 74 Resp: 2059

Ion	Ratio	Lower	Upper
74	100		
45	93.2	60.8	182.3



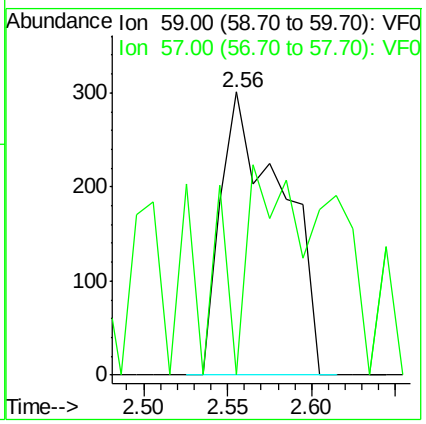


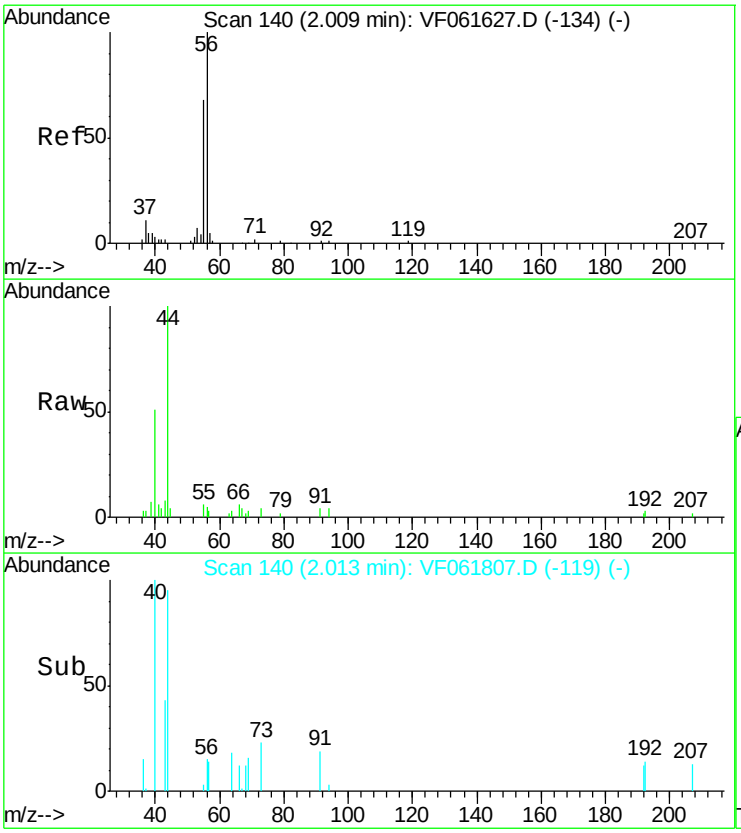
#11
Tert butyl alcohol
Concen: 5.253 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 59 Resp: 759

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.5	18.7#

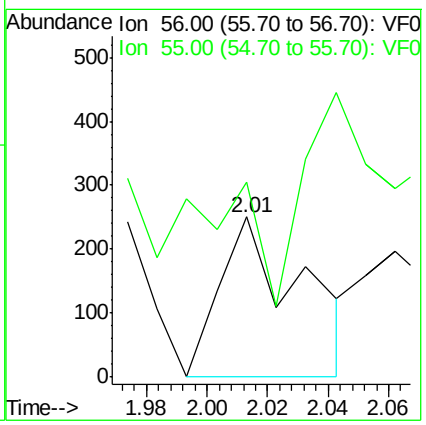


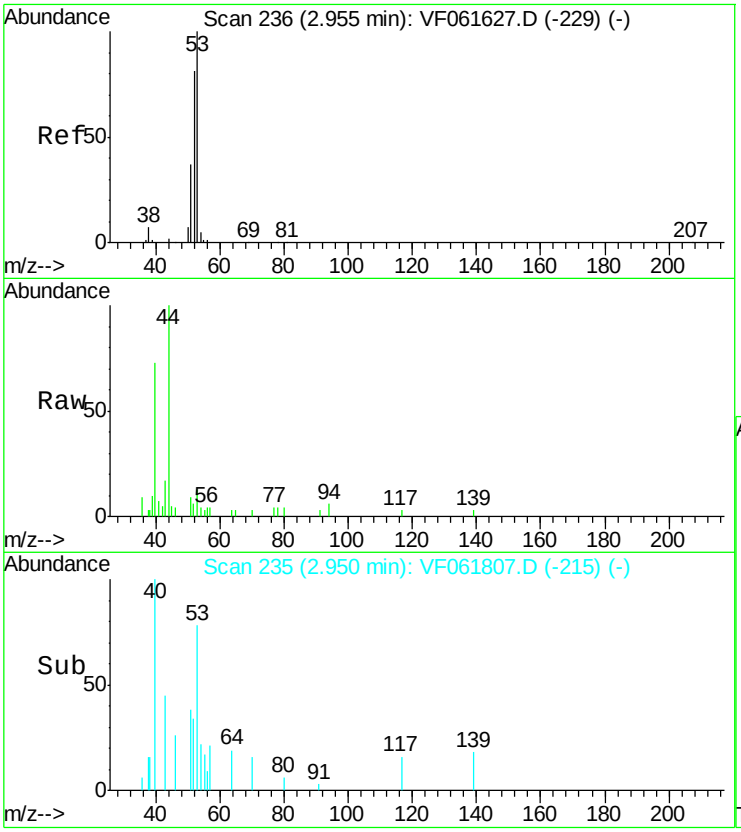


#13
Acrolein
Concen: 2.555 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.00 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 56 Resp: 464

Ion	Ratio	Lower	Upper
56	100		
55	122.0	55.0	82.6#



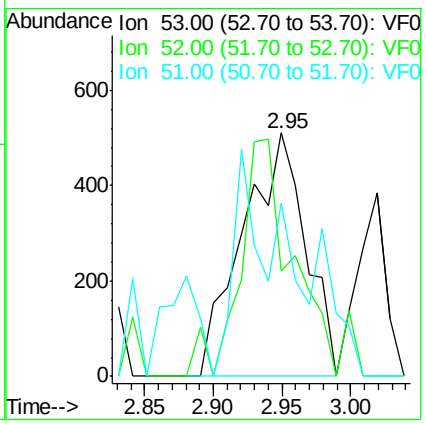


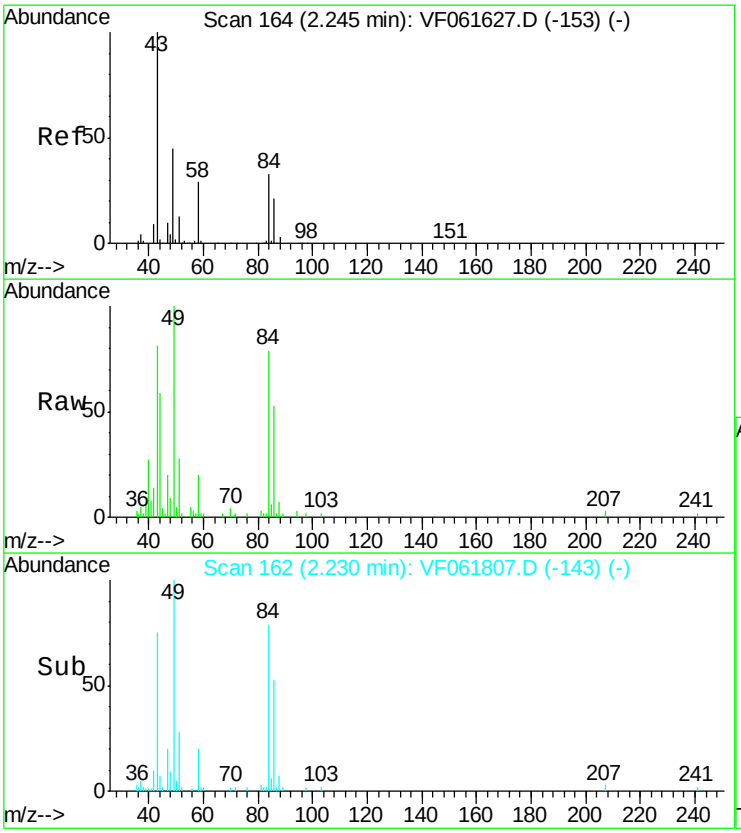
#15
Acrylonitrile
Concen: 3.153 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.01 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 53 Resp: 1616

Ion	Ratio	Lower	Upper
53	100		
52	43.4	64.6	97.0#
51	71.2	29.8	44.8#

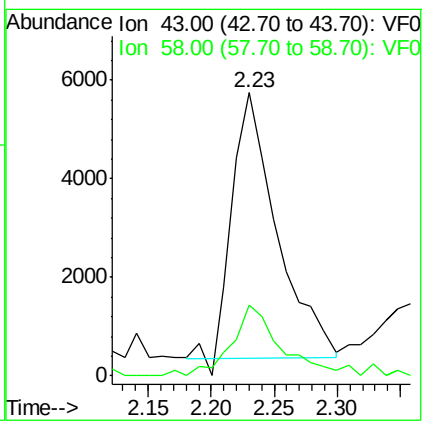


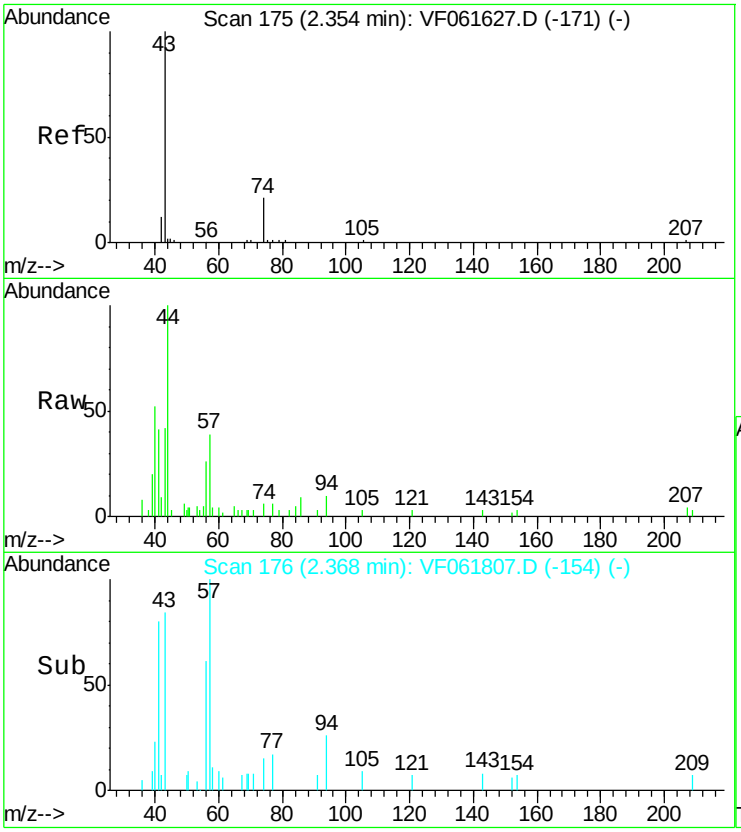


#16
Acetone
Concen: 24.775 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 43 Resp: 13270

Ion	Ratio	Lower	Upper
43	100		
58	25.1	22.9	34.3



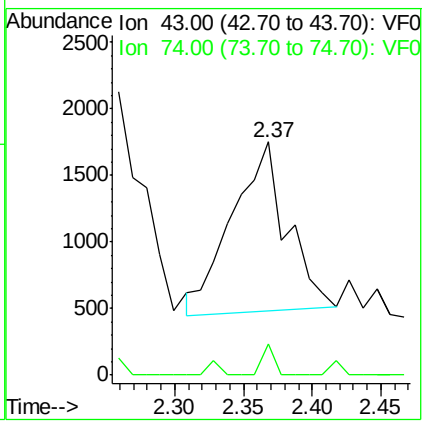


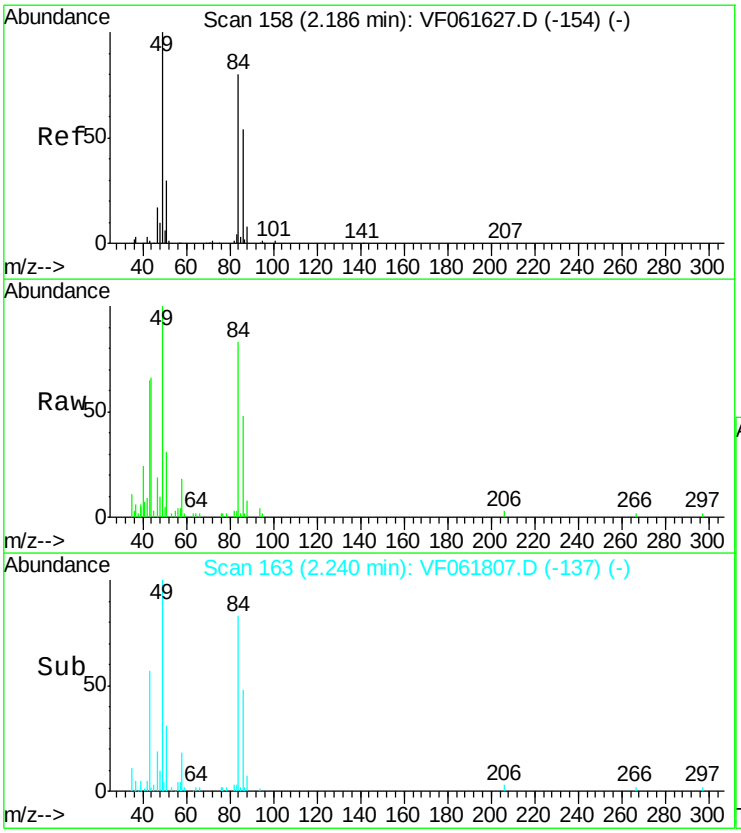
#18
Methyl Acetate
Concen: 2.887 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 43 Resp: 3483

Ion	Ratio	Lower	Upper
43	100		
74	13.5	14.6	21.8#

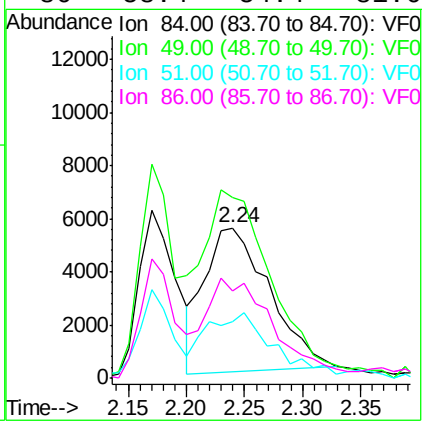


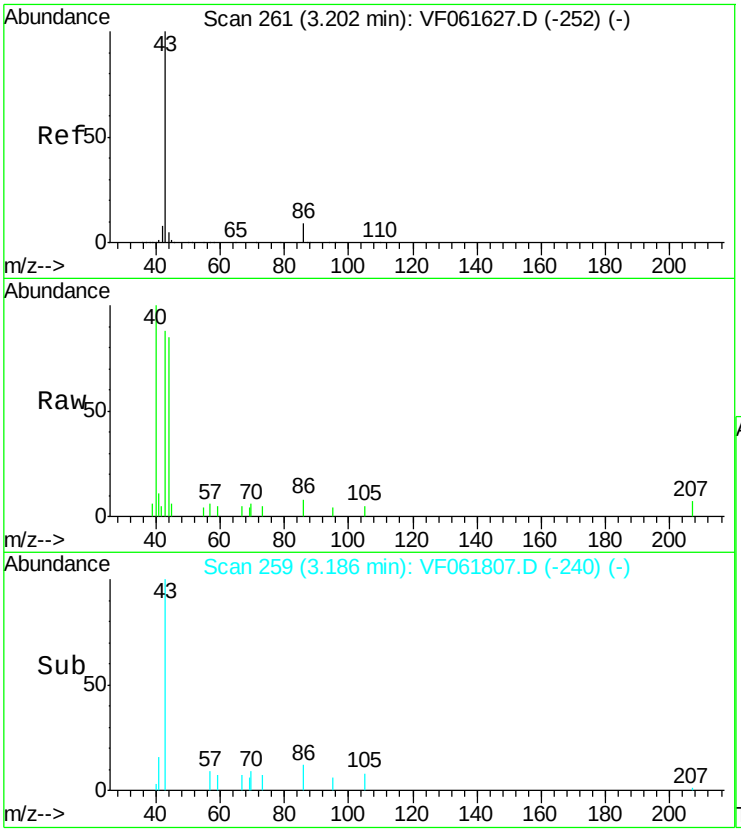


#20
Methylene Chloride
Concen: 5.009 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 84 Resp: 20887

Ion	Ratio	Lower	Upper
84	100		
49	120.8	101.8	152.8
51	37.4	31.1	46.7
86	58.4	54.4	81.6



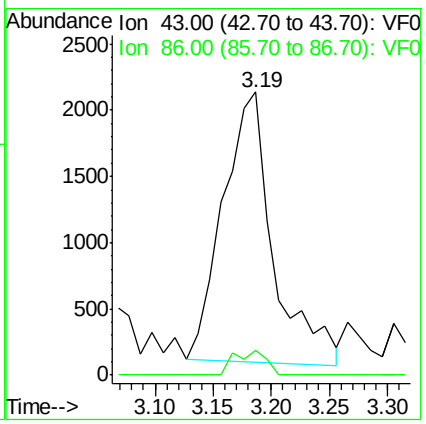


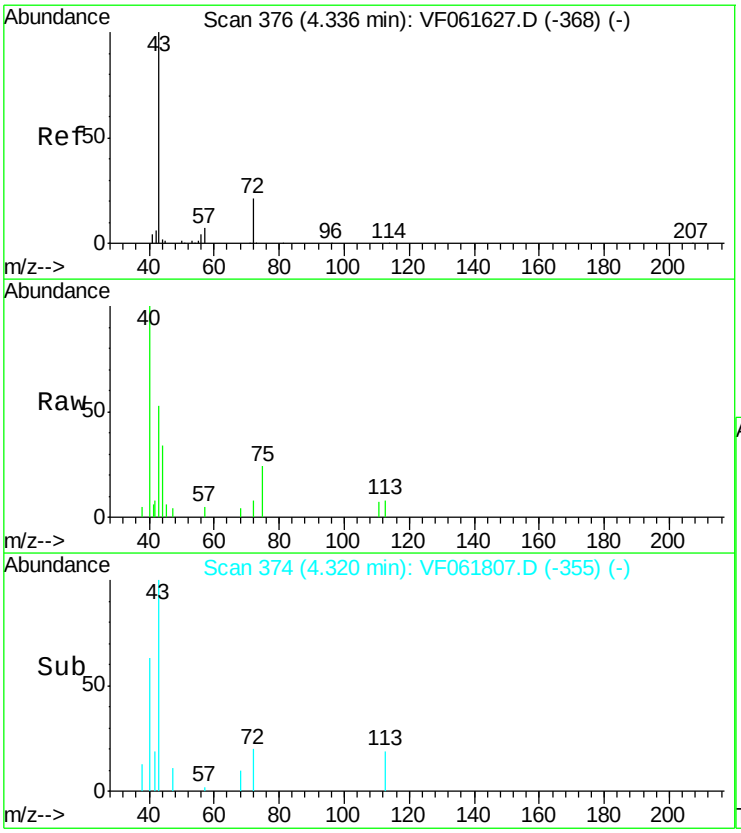
#23
Vinyl Acetate
Concen: 1.449 ug/l
RT: 3.19 min Scan# 259
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 43 Resp: 6083

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.5	11.3

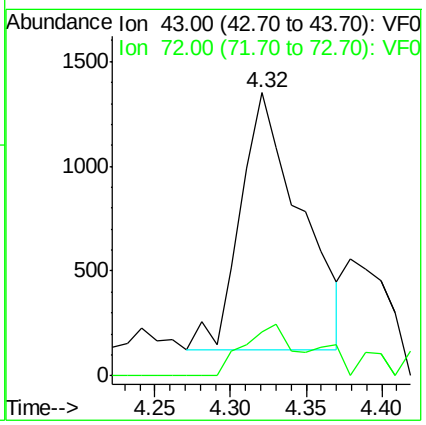


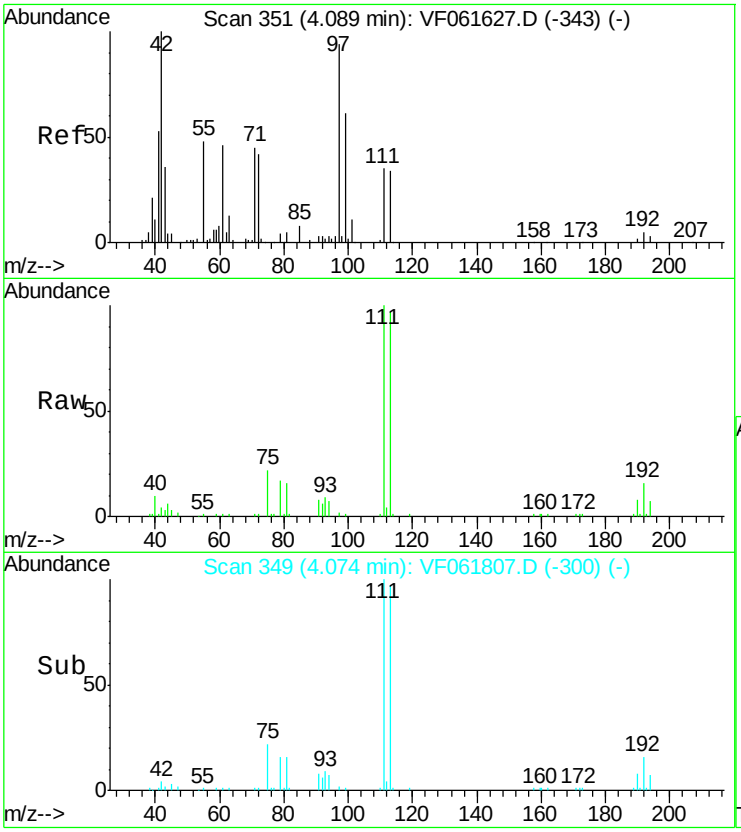


#25
2-Butanone
Concen: 2.912 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 43 Resp: 3407

Ion	Ratio	Lower	Upper
43	100		
72	15.4	17.1	25.7#



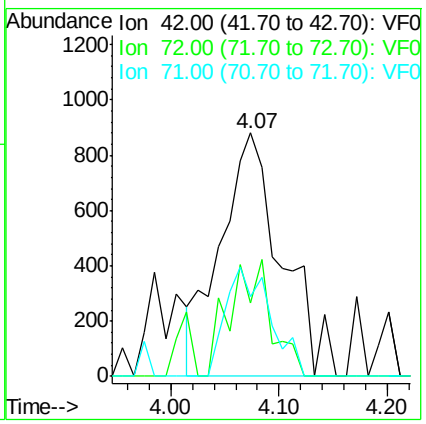


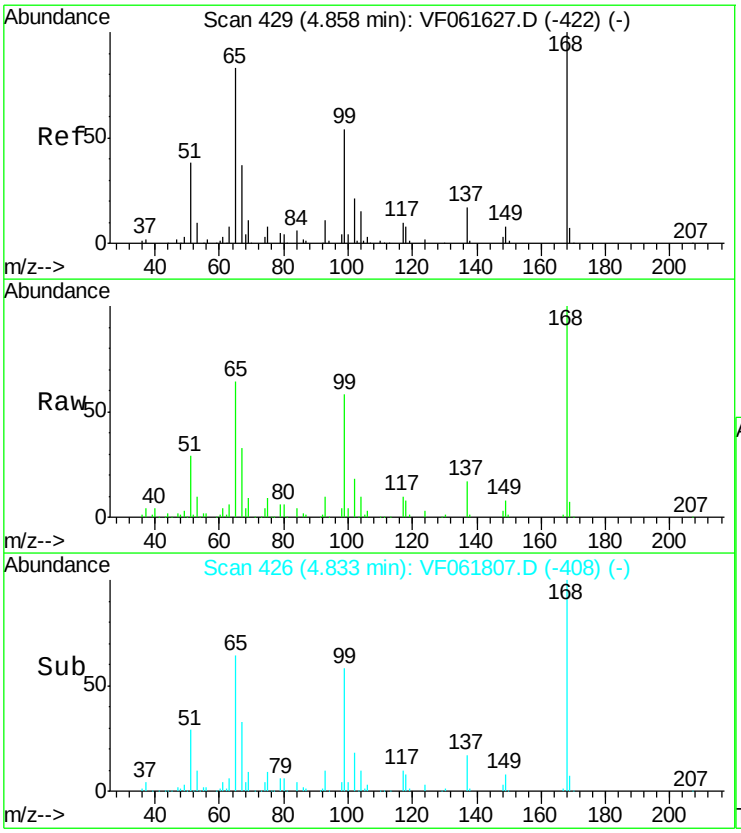
#29
Tetrahydrofuran
Concen: 6.529 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 42 Resp: 3472

Ion	Ratio	Lower	Upper
42	100		
72	32.4	35.2	52.8#
71	32.8	32.9	49.3#

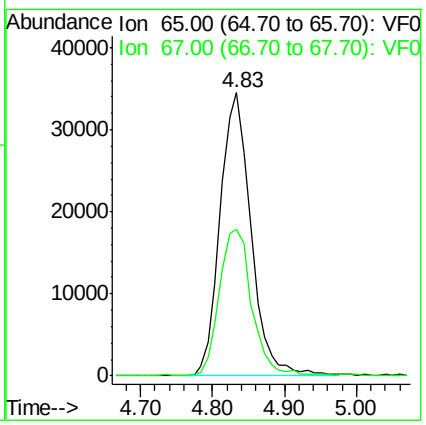


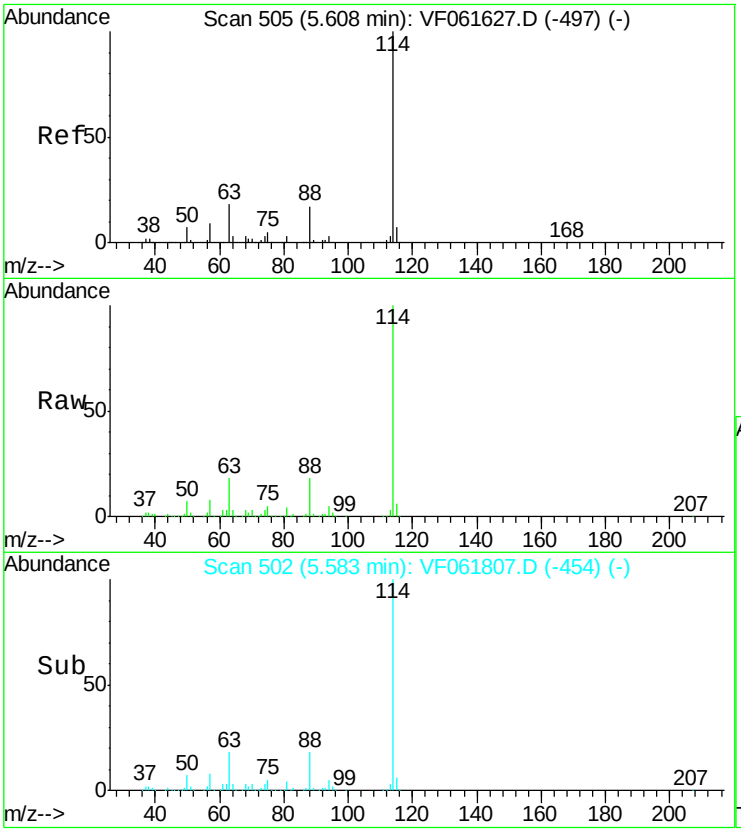


#33
1,2-Dichloroethane-d4
Concen: 41.167 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 65 Resp: 102769

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0



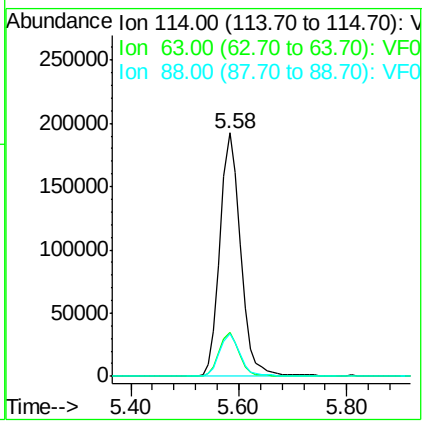


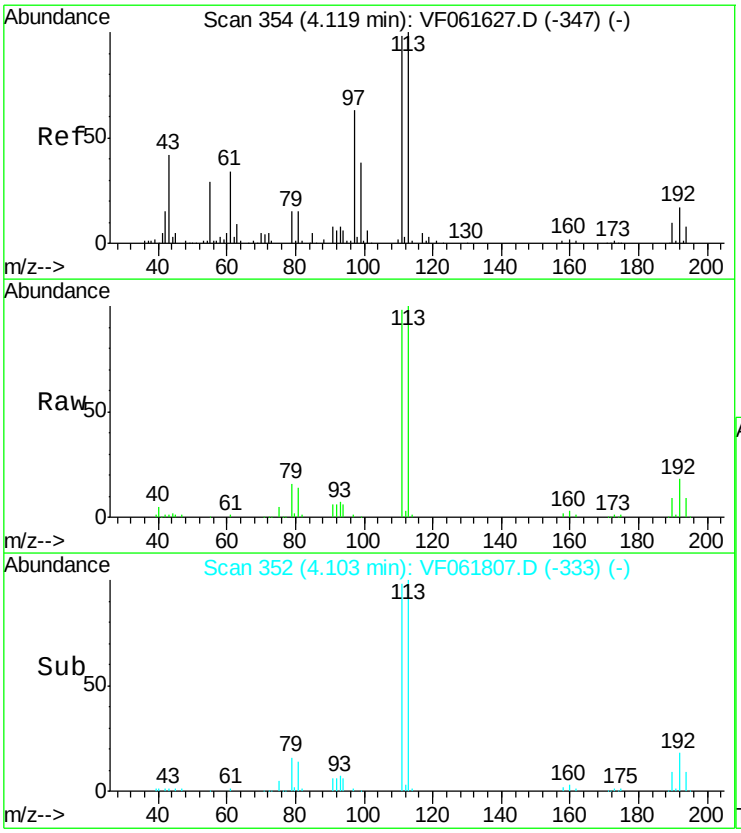
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tgt Ion:114 Resp: 512669

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	17.8	0.0	34.4

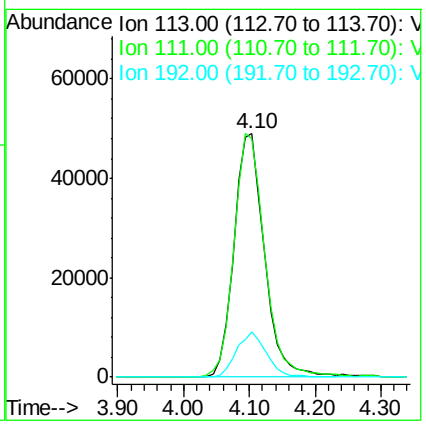


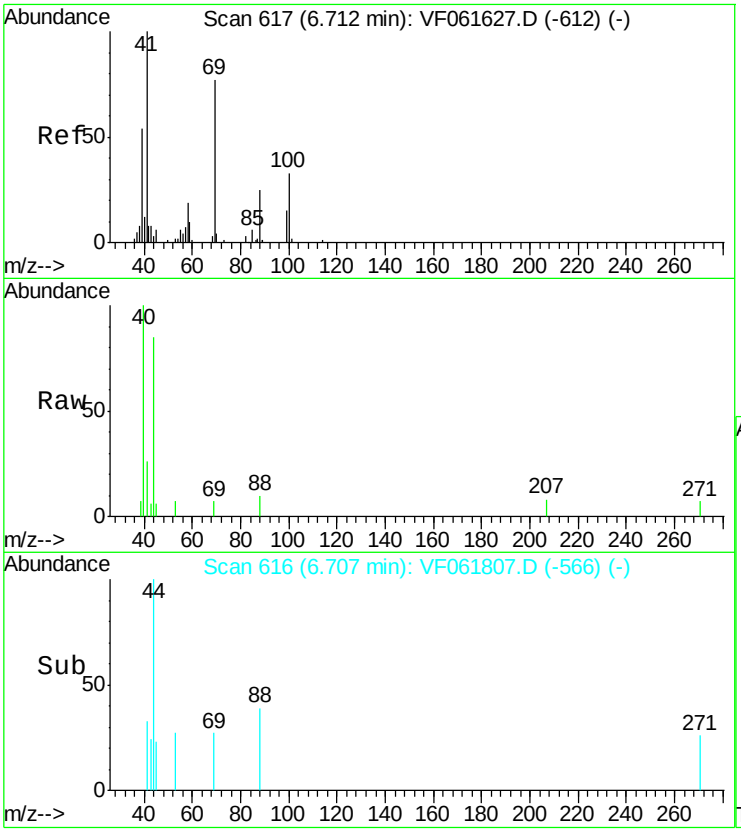


#35
Dibromofluoromethane
Concen: 41.785 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion:113 Resp: 159082

Ion	Ratio	Lower	Upper
113	100		
111	98.0	78.8	118.2
192	18.4	13.4	20.0



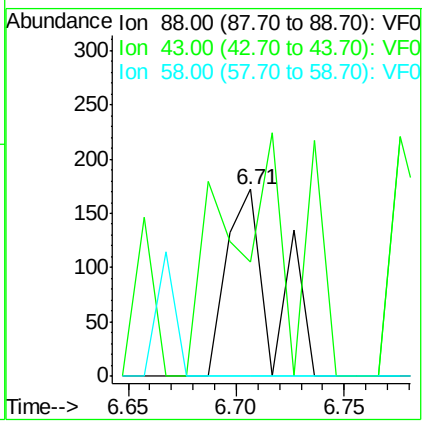


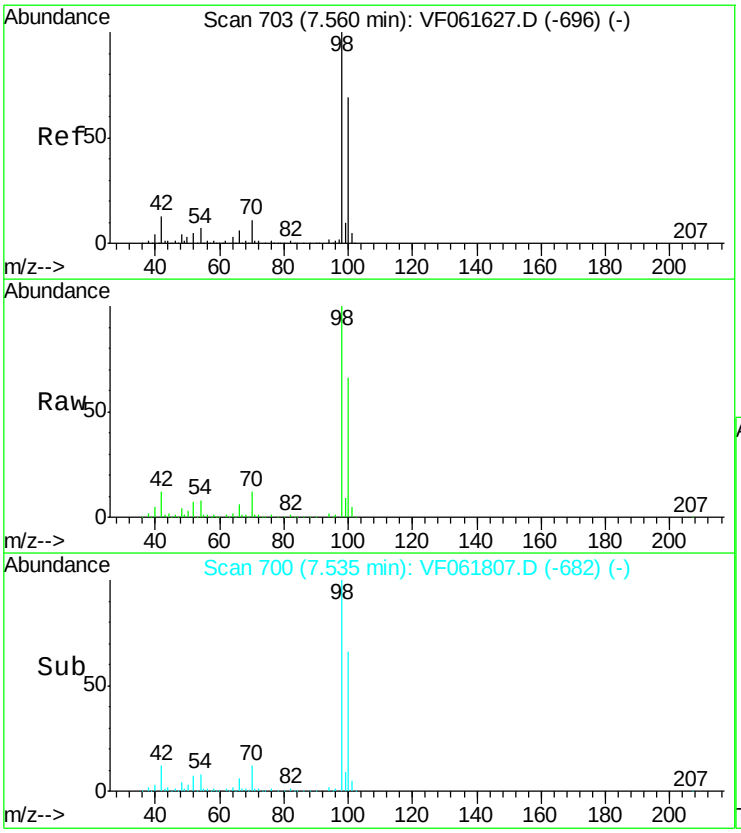
#49
1,4-Dioxane
Concen: 16.460 ug/l
RT: 6.71 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tgt Ion: 88 Resp: 260

Ion	Ratio	Lower	Upper
88	100		
43	61.0	32.3	48.5#
58	0.0	59.4	89.2#

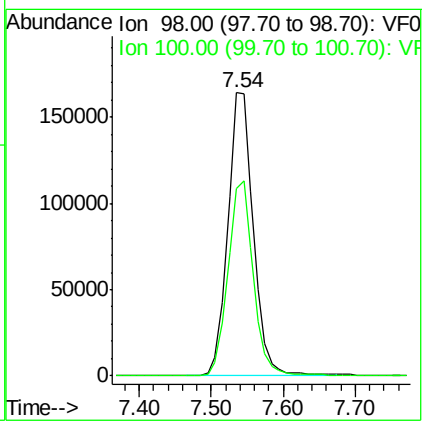


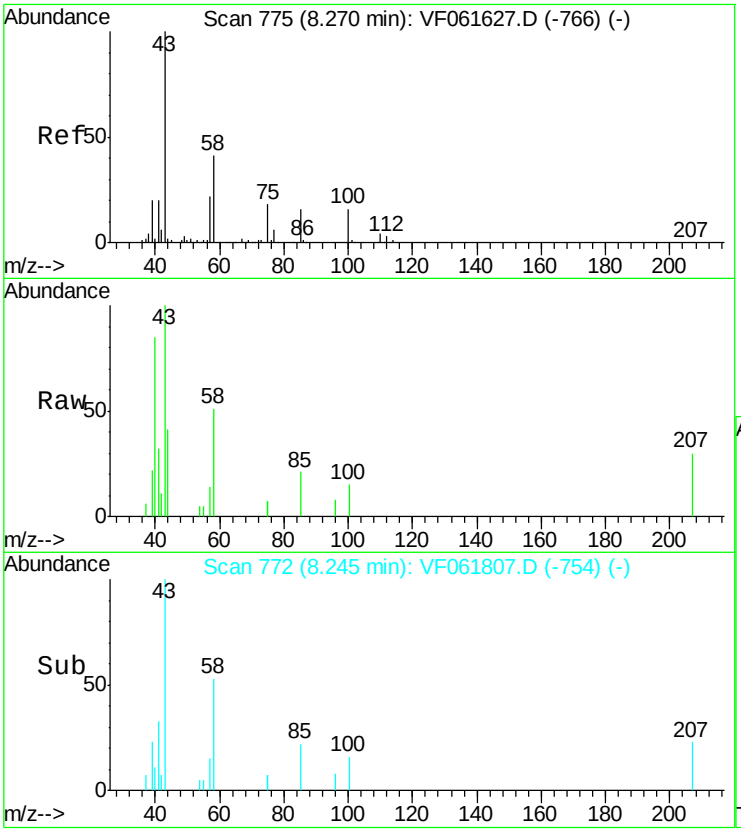


#50
Toluene-d8
Concen: 36.964 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 98 Resp: 404544

Ion	Ratio	Lower	Upper
98	100		
100	66.2	55.4	83.2



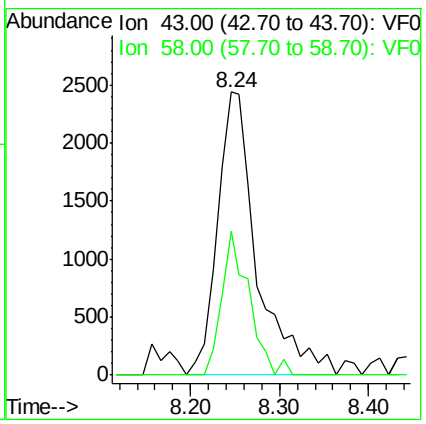


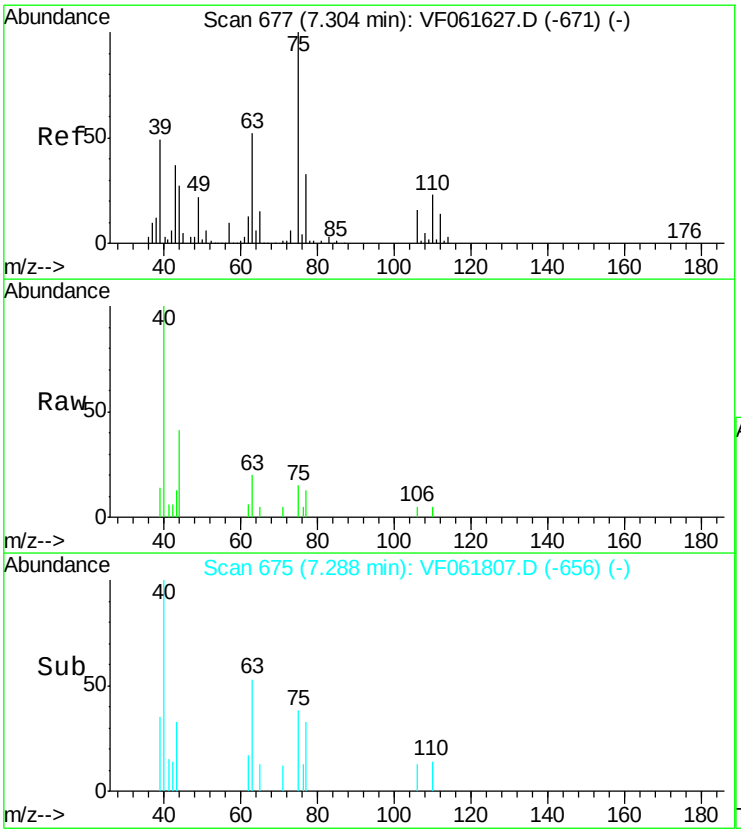
#51
4-Methyl-2-Pentanone
Concen: 3.796 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tgt Ion: 43 Resp: 7574

Ion	Ratio	Lower	Upper
43	100		
58	51.0	33.1	49.7#

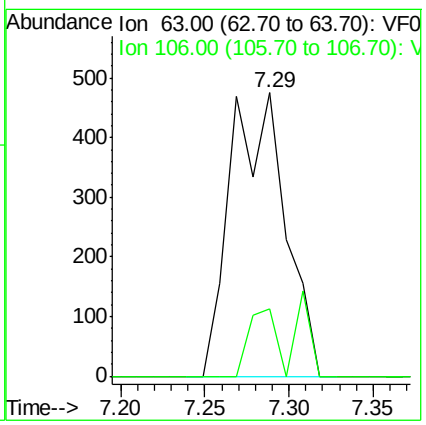


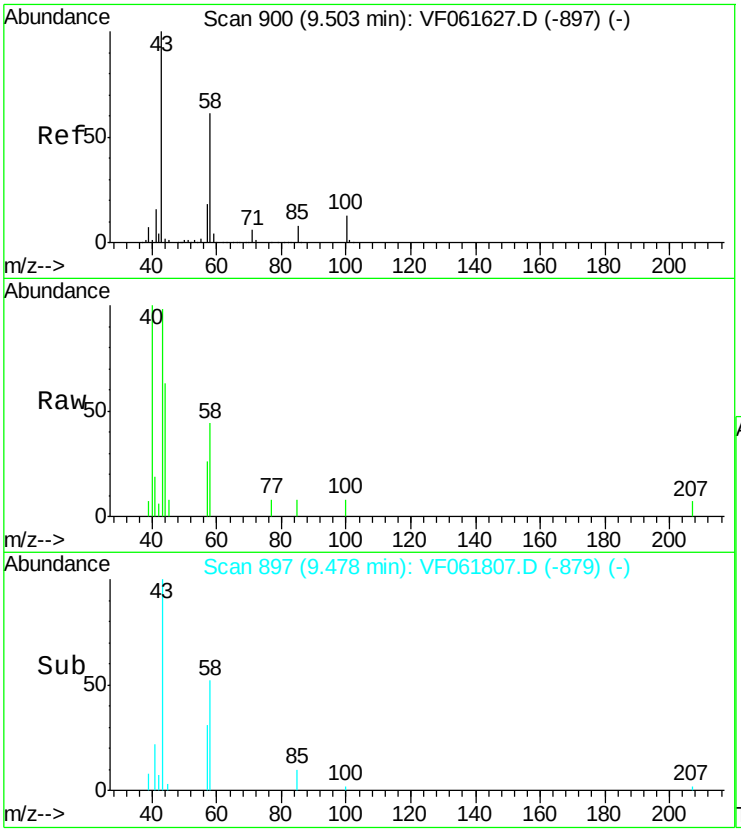


#58
2-Chloroethyl Vinyl ether
Concen: 2.366 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 63 Resp: 1076

Ion	Ratio	Lower	Upper
63	100		
106	23.8	24.6	36.8#



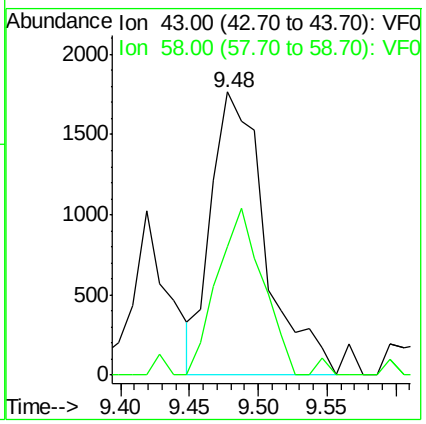


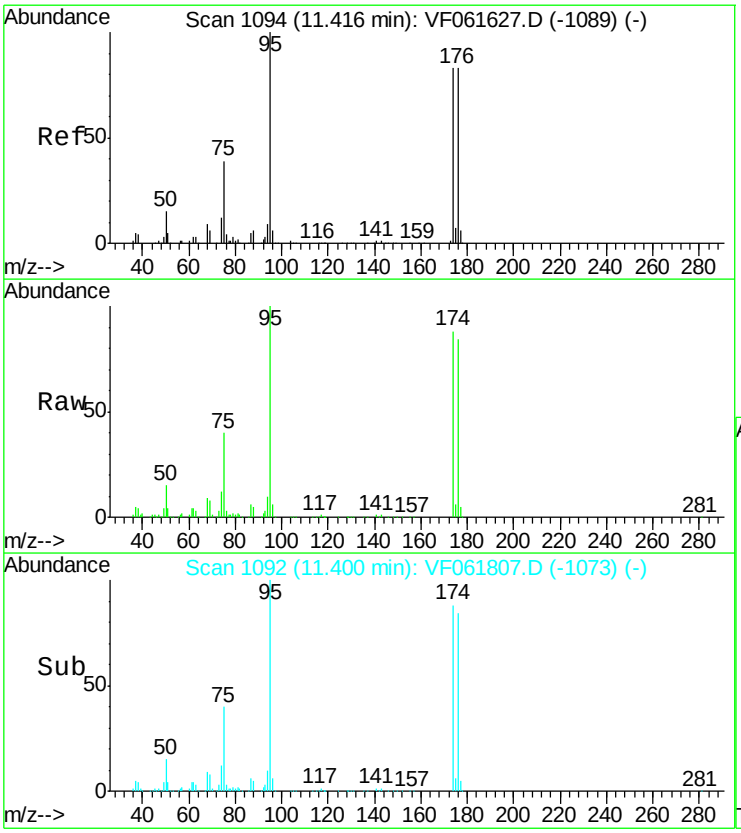
#59
2-Hexanone
Concen: 3.452 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument : MSVOA_F
ClientSampleId : Z-3-11-B

Tgt Ion: 43 Resp: 4828

Ion	Ratio	Lower	Upper
43	100		
58	45.3	28.5	85.5

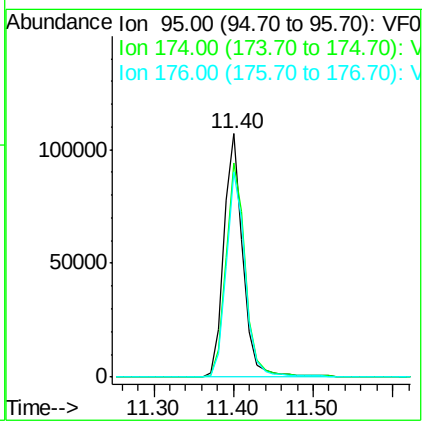


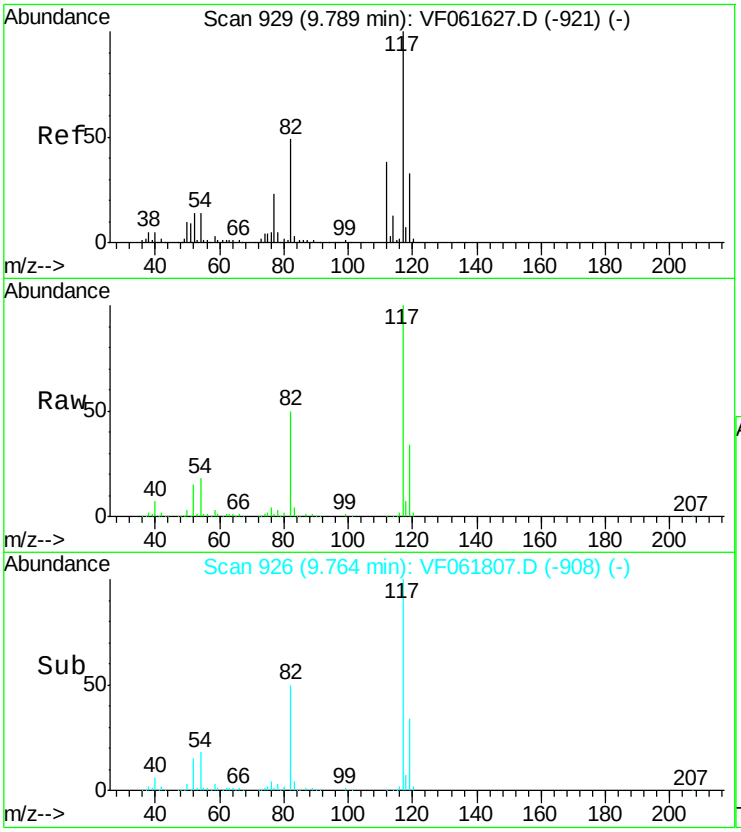


#62
4-Bromofluorobenzene
Concen: 40.708 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion: 95 Resp: 180266

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	165.8
176	84.1	0.0	167.0



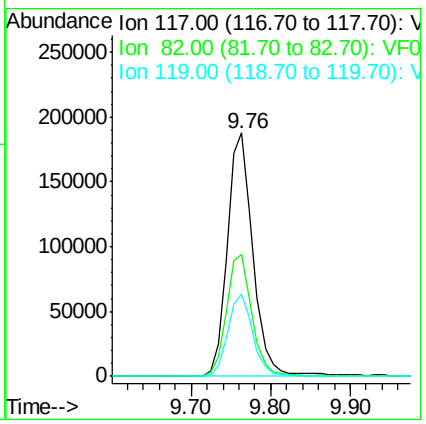


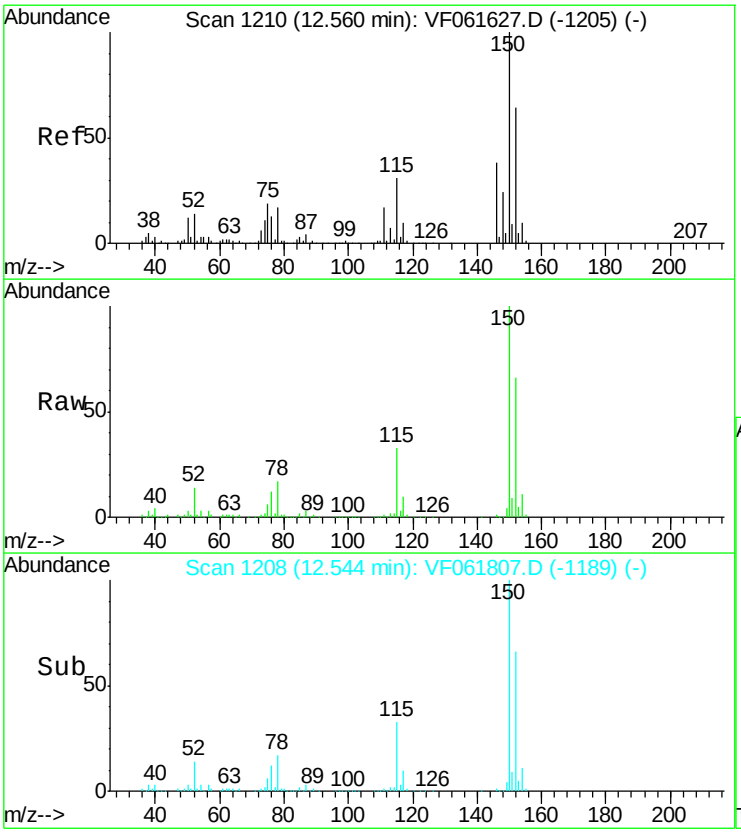
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
Z-3-11-B

Tgt Ion:117 Resp: 423692

Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.3	58.9
119	33.9	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061807.D
Acq: 1 Mar 2019 17:22

Tgt Ion:152 Resp: 238323

Ion	Ratio	Lower	Upper
152	100		
115	49.5	24.3	72.8
150	152.1	0.0	312.0