Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031119\
Data File : VF061887.D
Acq On : 11 Mar 2019 14:04
Operator : VA/AP
Sample : K1835-03
Misc : 5.76g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-3

Quant Time: Mar 12 05:11:20 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	4.86	168	234875	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	365021	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	309193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	179912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	125097	73.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 146.28%			
35) Dibromofluoromethane	4.10	113	175571	68.92	ug/l	-0.02
Spiked Amount 50.000			Recovery = 137.84%			
50) Toluene-d8	7.55	98	412913	54.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 109.06%			
62) 4-Bromofluorobenzene	11.40	95	182888	61.66	ug/l	-0.02
Spiked Amount 50.000			Recovery = 123.32%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	1318	13.576	ug/l #	64
13) Acrolein	1.98	56	598	4.861	ug/l #	1
15) Acrylonitrile	2.95	53	650	2.103	ug/l #	73
16) Acetone	2.24	43	18372	51.276	ug/l	97
18) Methyl Acetate	2.37	43	9306	8.299	ug/l #	62
20) Methylene Chloride	2.17	84	2131	Below Cal #		72
25) 2-Butanone	4.34	43	1718	2.357	ug/l	99
29) Tetrahydrofuran	4.06	42	894	2.844	ug/l #	33
49) 1,4-Dioxane	6.72	88	75	7.267	ug/l #	26
51) 4-Methyl-2-Pentanone	8.26	43	1911	1.550	ug/l	99
52) Toluene	7.61	92	17278	3.241	ug/l	98
59) 2-Hexanone	9.50	43	1970	2.215	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	13.80	75	85	3.987	ug/l #	1
95) Naphthalene	14.45	128	6844	1.022	ug/l #	89

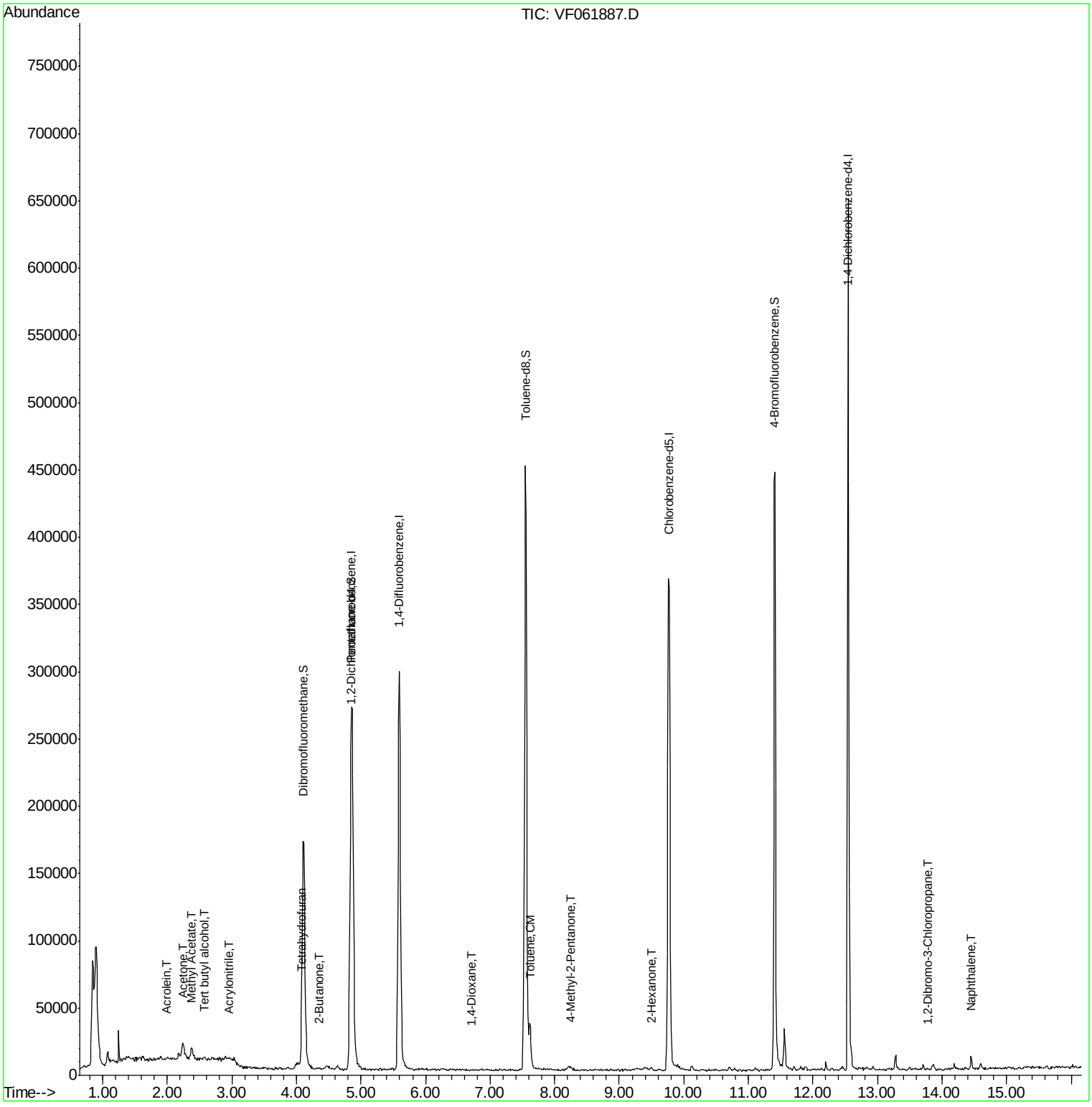
(#) = qualifier out of range (m) = manual integration (+) = signals summed

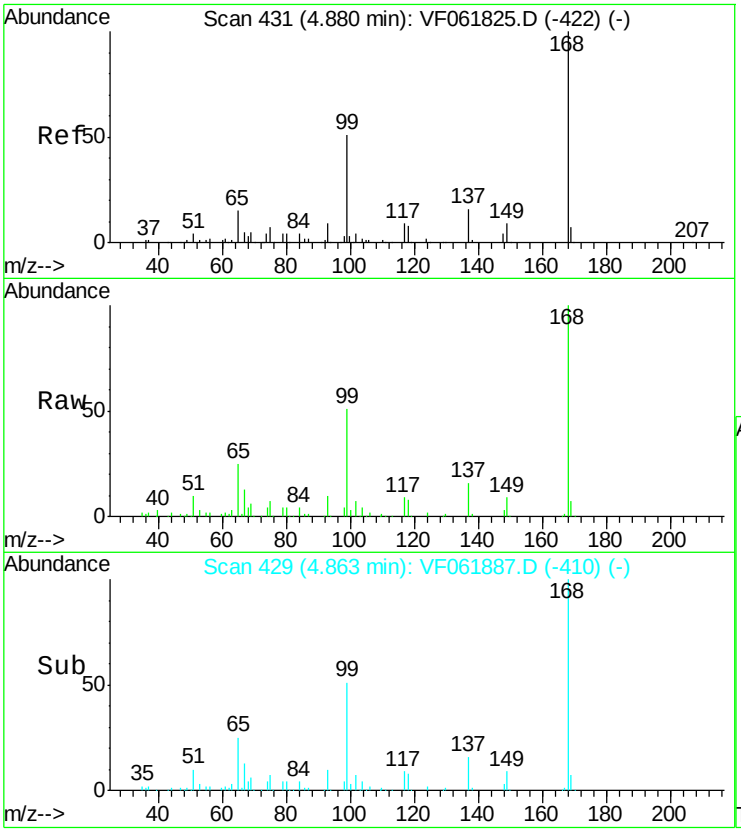
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
Data File : VF061887.D
Acq On : 11 Mar 2019 14:04
Operator : VA/AP
Sample : K1835-03
Misc : 5.76g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Quant Time: Mar 12 05:11:20 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



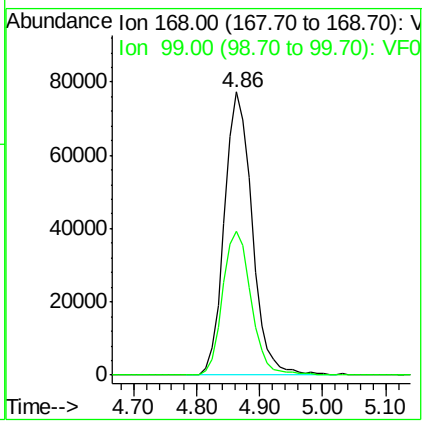


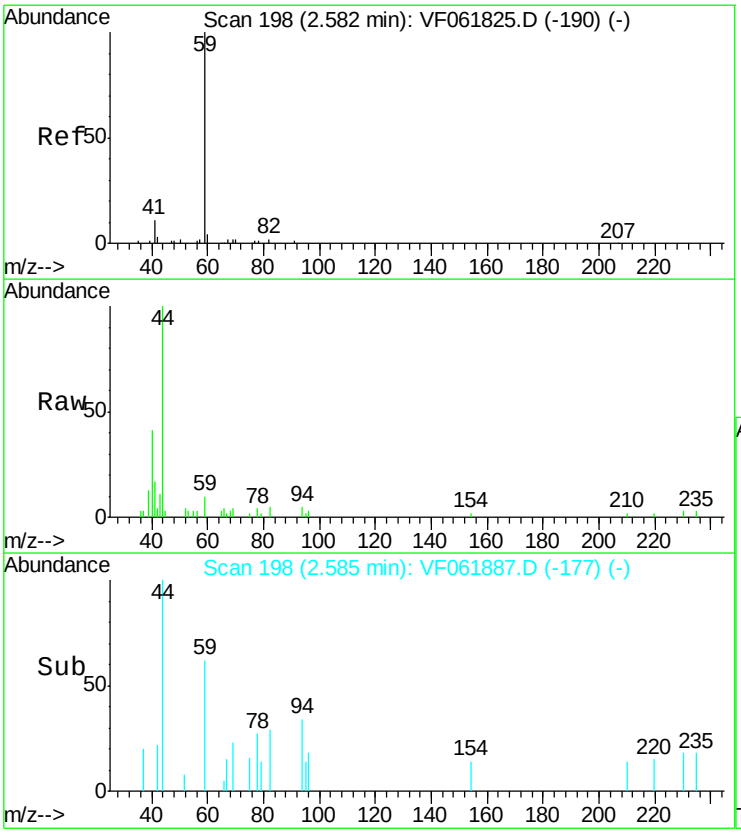
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 234875

Ion	Ratio	Lower	Upper
168	100		
99	51.0	40.8	61.2

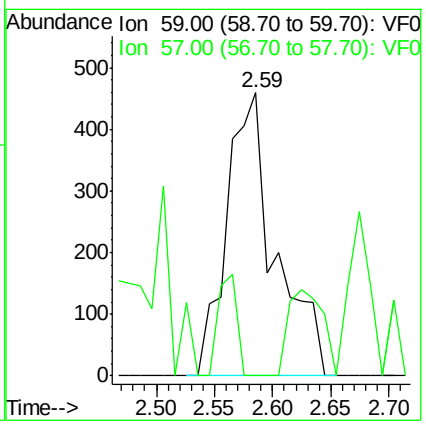


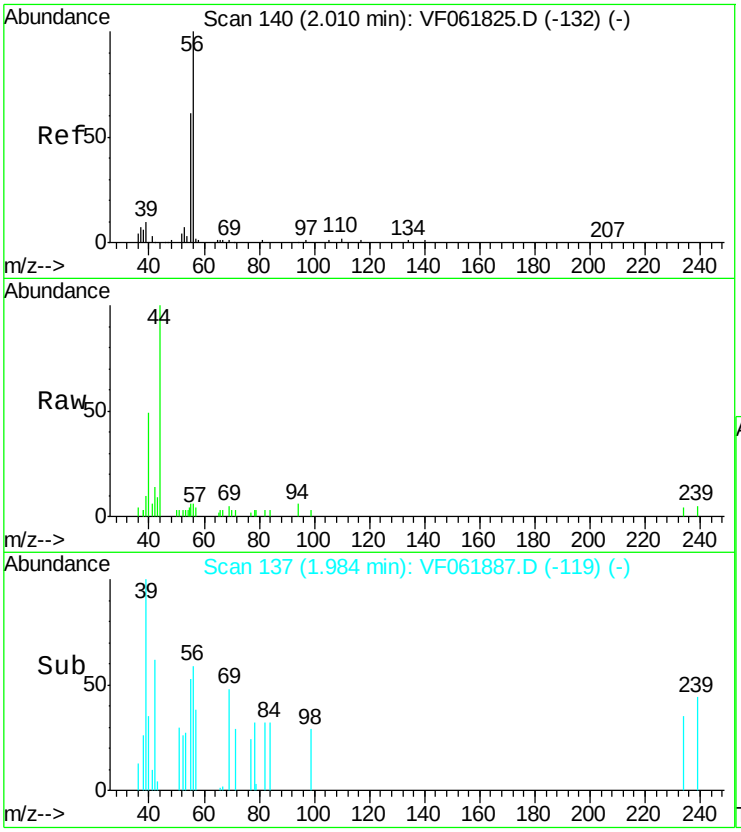


#11
Tert butyl alcohol
Concen: 13.576 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 59 Resp: 1318

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#



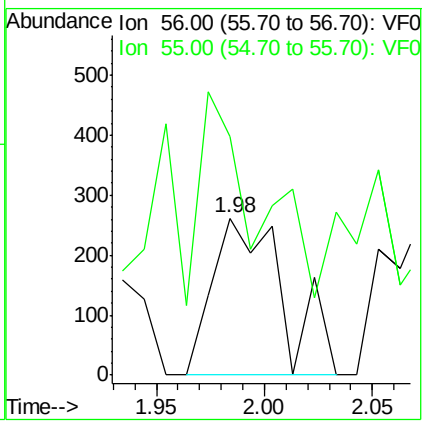


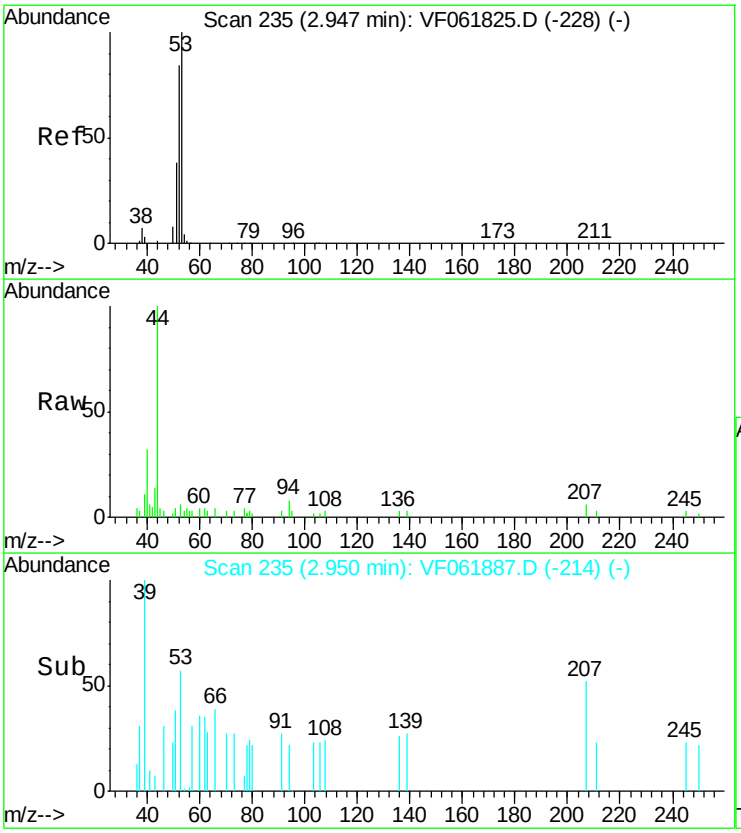
#13
Acrolein
Concen: 4.861 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.03 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 56 Resp: 598

Ion	Ratio	Lower	Upper
56	100		
55	151.9	51.3	76.9#

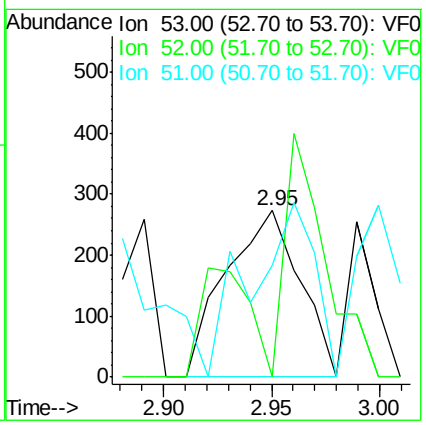


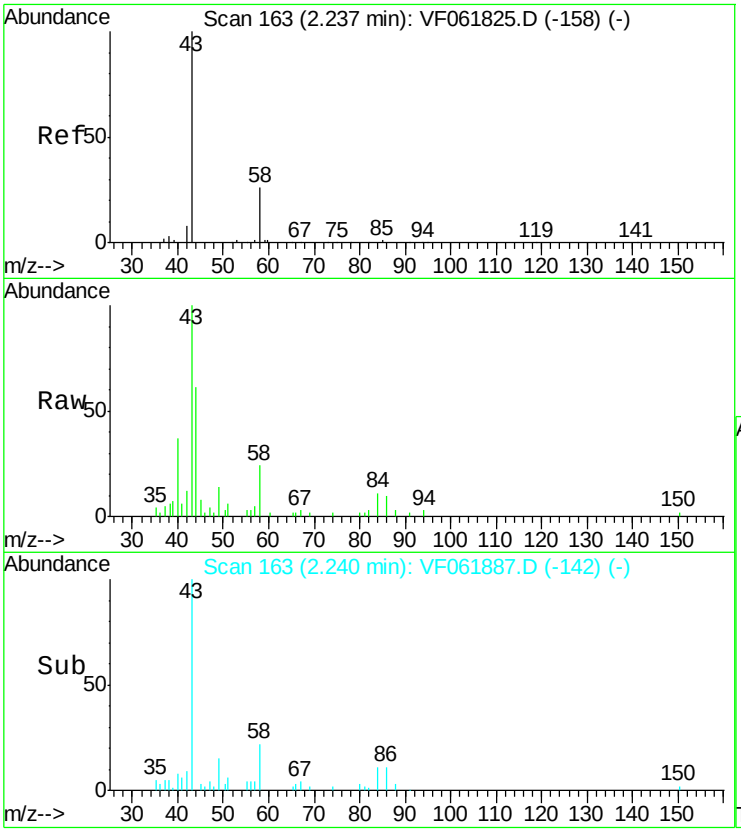


#15
Acrylonitrile
Concen: 2.103 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.00 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 53 Resp: 650

Ion	Ratio	Lower	Upper
53	100		
52	100.0	67.4	101.0
51	67.0	30.7	46.1#



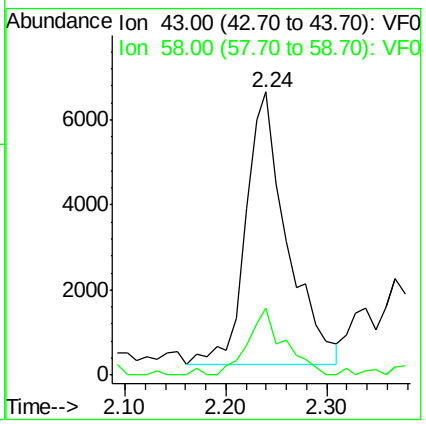


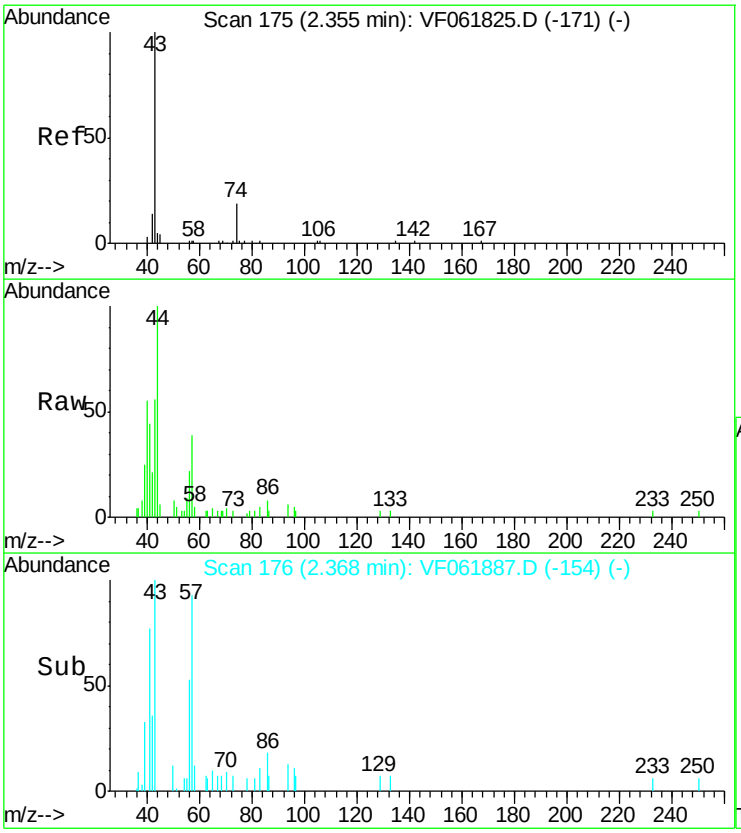
#16
Acetone
Concen: 51.276 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion: 43 Resp: 18372

Ion	Ratio	Lower	Upper
43	100		
58	23.9	20.3	30.5

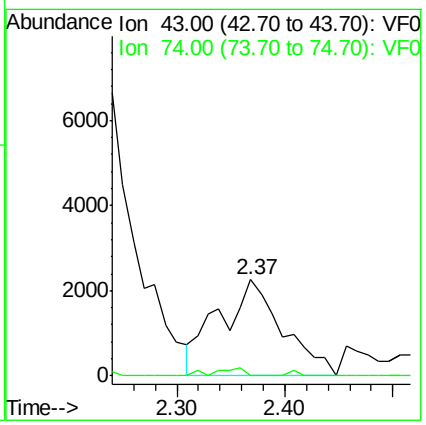


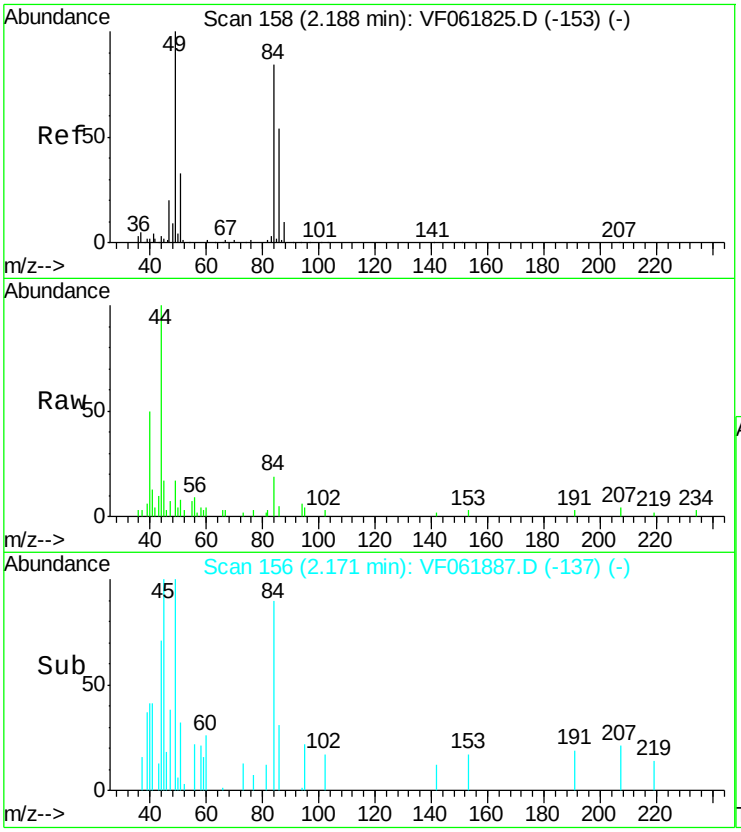


#18
Methyl Acetate
Concen: 8.299 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 43 Resp: 9306

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.2	19.8#



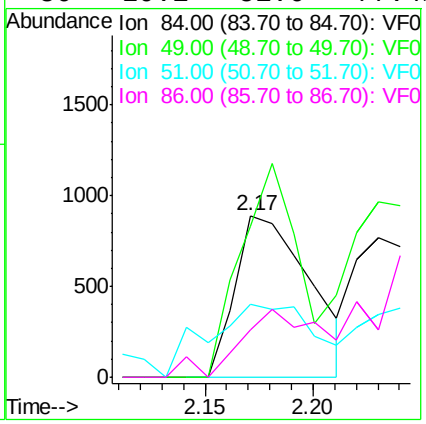


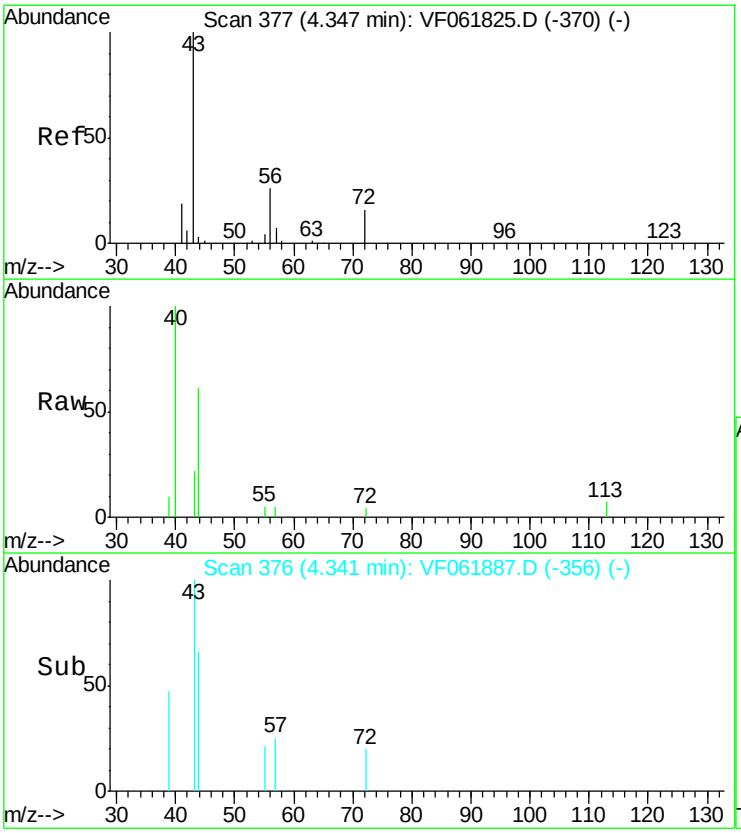
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 84 Resp: 2131

Ion	Ratio	Lower	Upper
84	100		
49	93.6	96.8	145.2#
51	44.9	31.8	47.6
86	29.1	51.6	77.4#

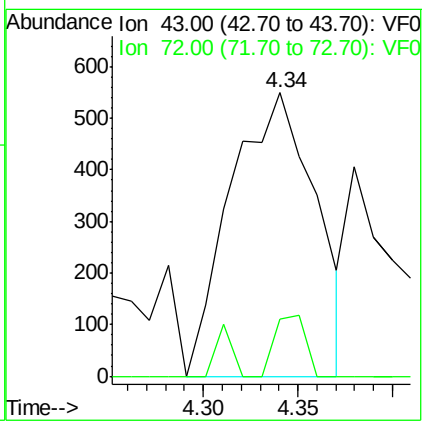


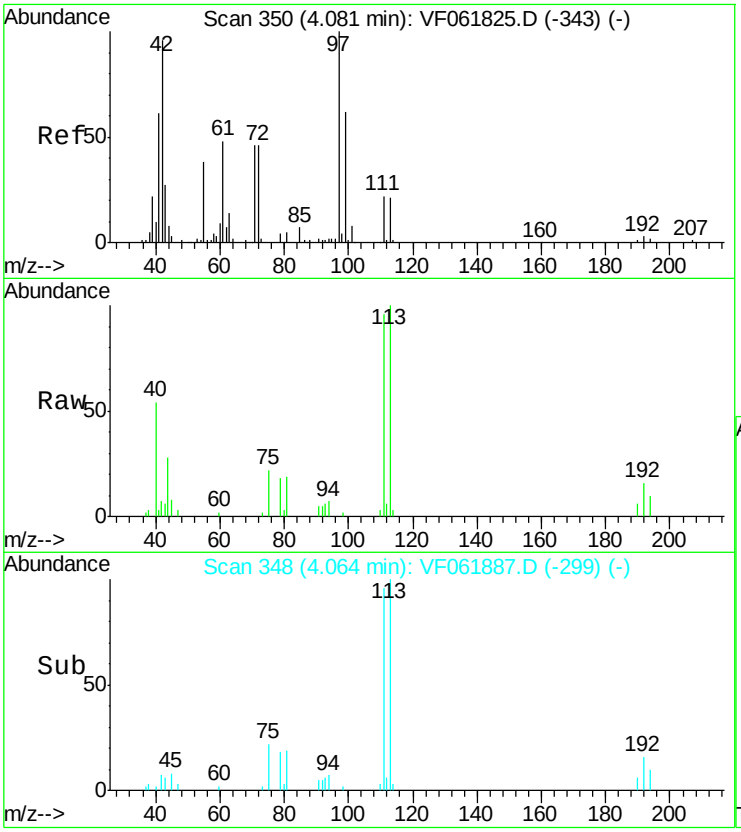


#25
2-Butanone
Concen: 2.357 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 43 Resp: 1718

Ion	Ratio	Lower	Upper
43	100		
72	20.0	16.2	24.4



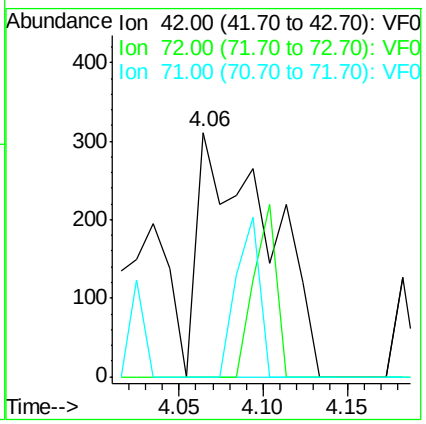


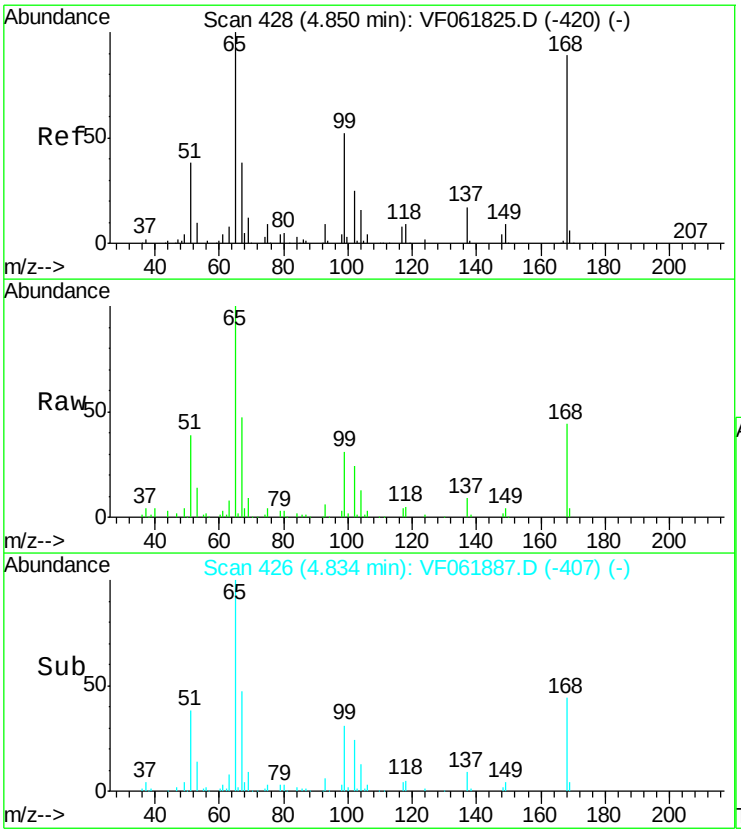
#29
Tetrahydrofuran
Concen: 2.844 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 42 Resp: 894

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	34.6	52.0#

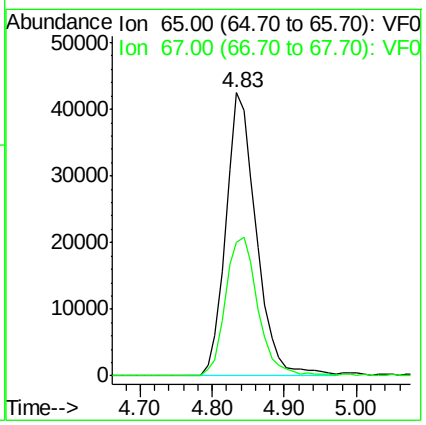


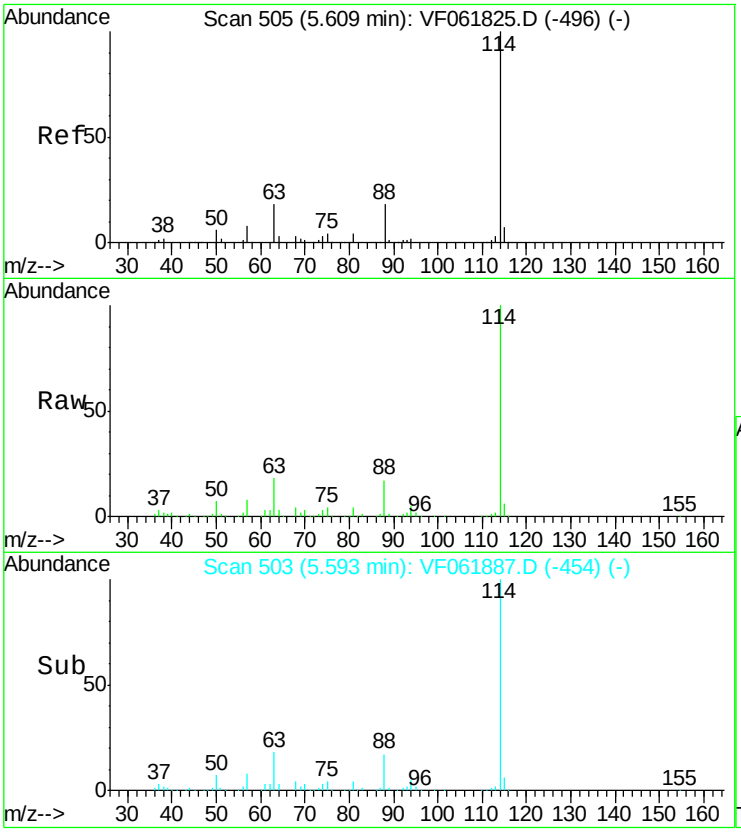


#33
1,2-Dichloroethane-d4
Concen: 73.136 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 65 Resp: 125097

Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	108.6



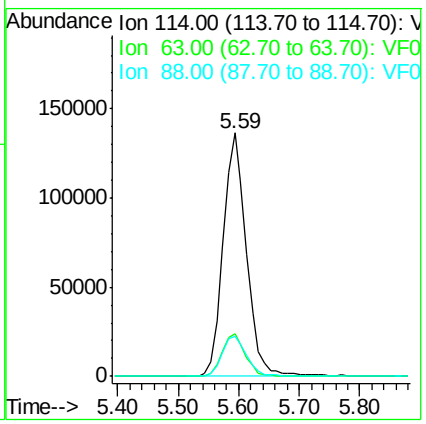


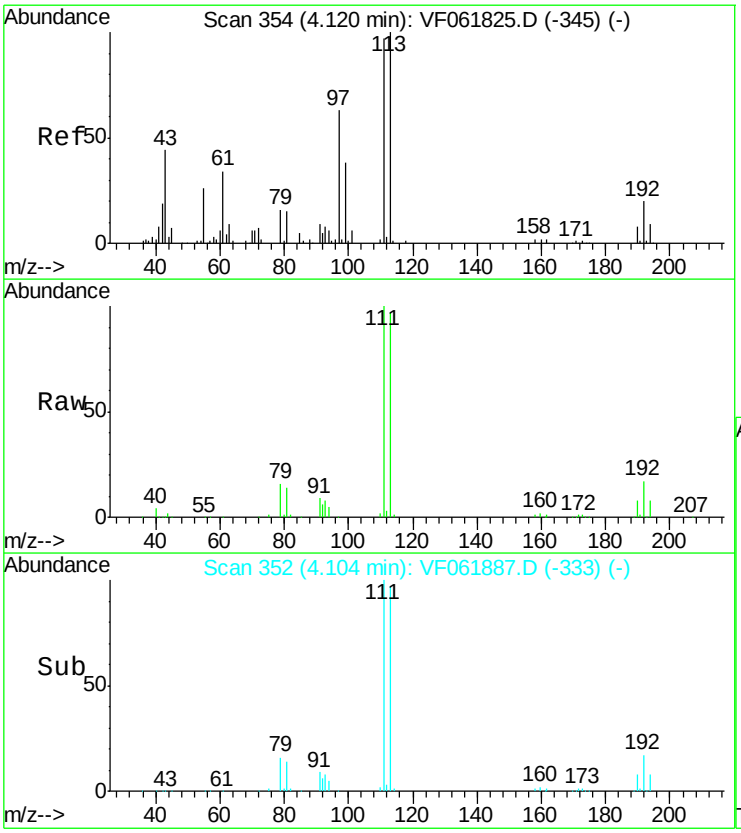
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 365021

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.6
88	16.7	0.0	35.6

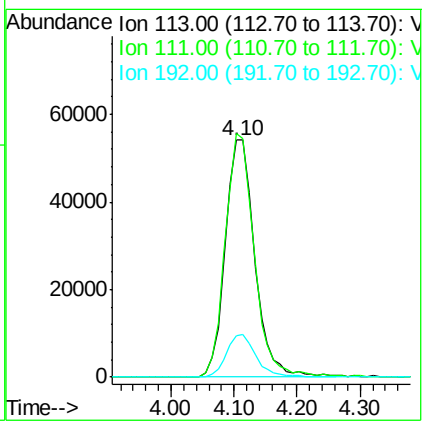


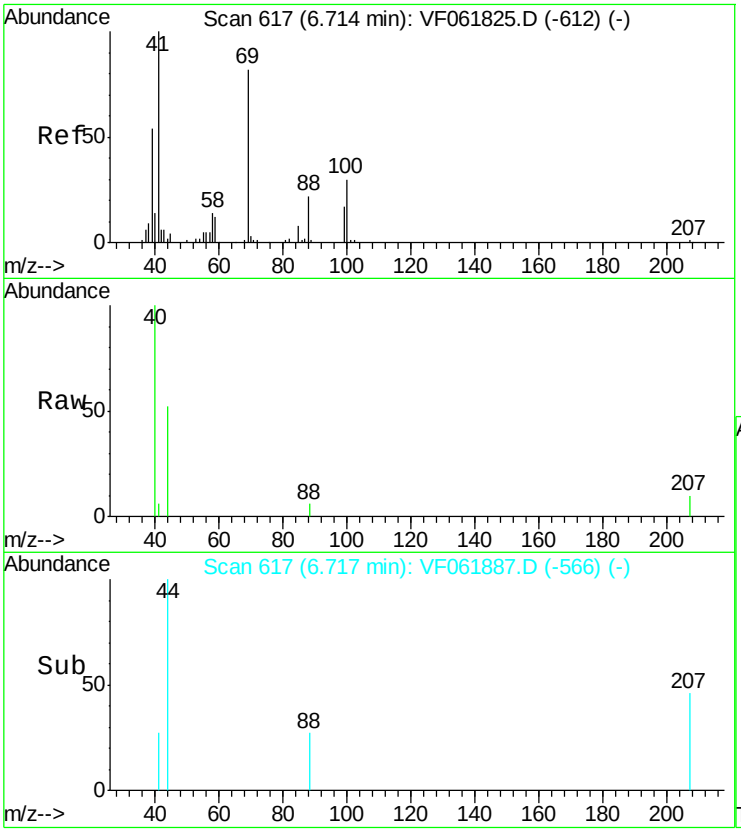


#35
Dibromofluoromethane
Concen: 68.922 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion:113 Resp: 175571

Ion	Ratio	Lower	Upper
113	100		
111	102.8	77.6	116.4
192	17.3	15.9	23.9



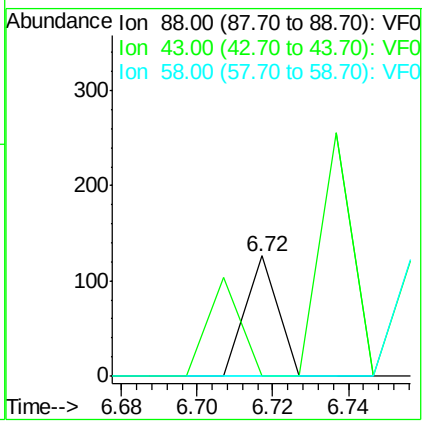


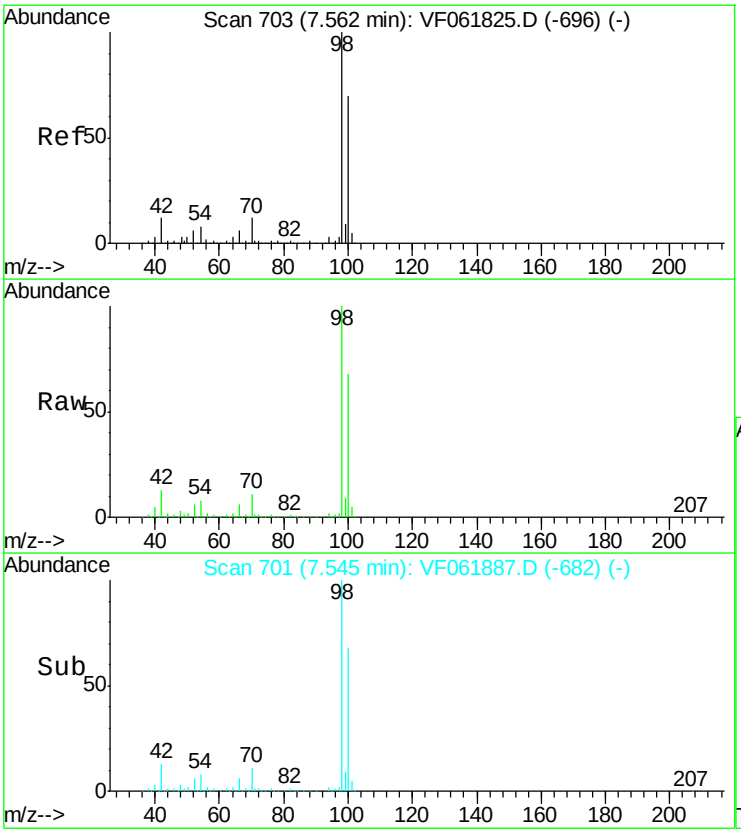
#49
1,4-Dioxane
Concen: 7.267 ug/l
RT: 6.72 min Scan# 617
Delta R.T. 0.00 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tgt Ion: 88 Resp: 75

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

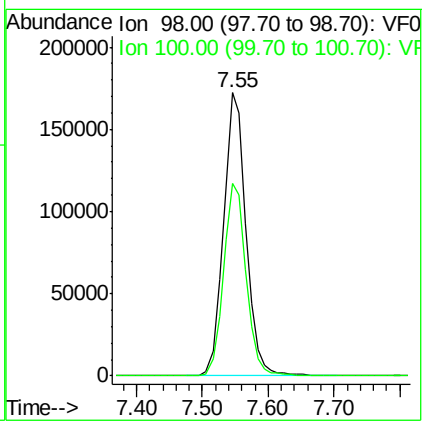


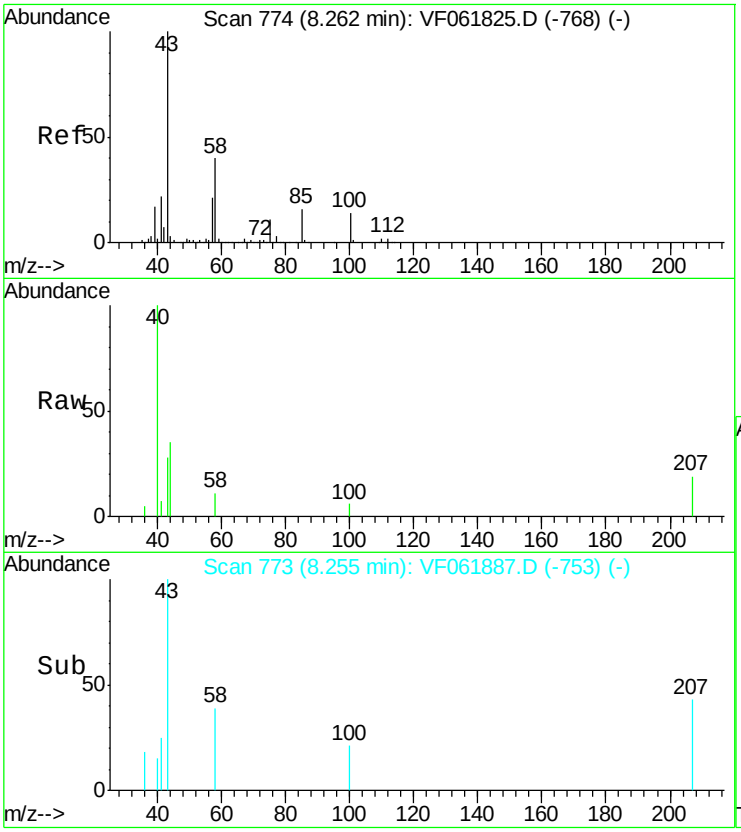


#50
Toluene-d8
Concen: 54.535 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 98 Resp: 412913

Ion	Ratio	Lower	Upper
98	100		
100	67.8	56.0	84.0



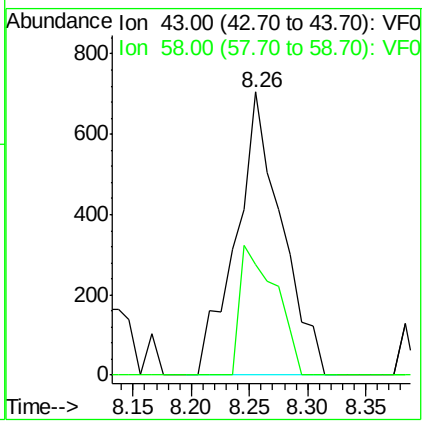


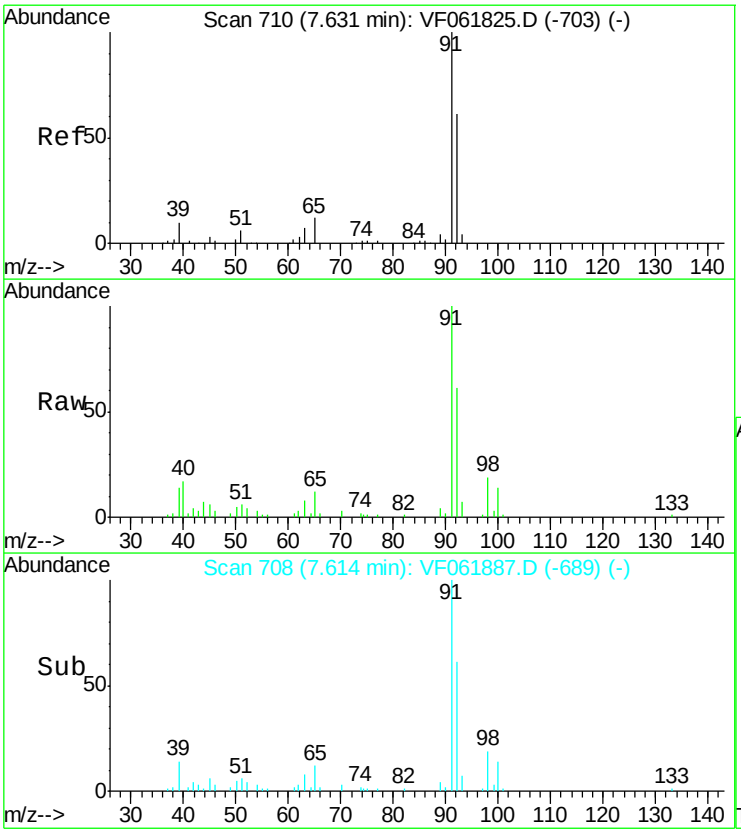
#51
4-Methyl-2-Pentanone
Concen: 1.550 ug/l
RT: 8.26 min Scan# 773
Delta R.T. -0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 43 Resp: 1911

Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.8

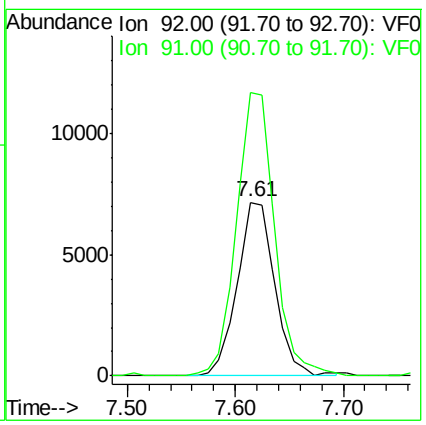


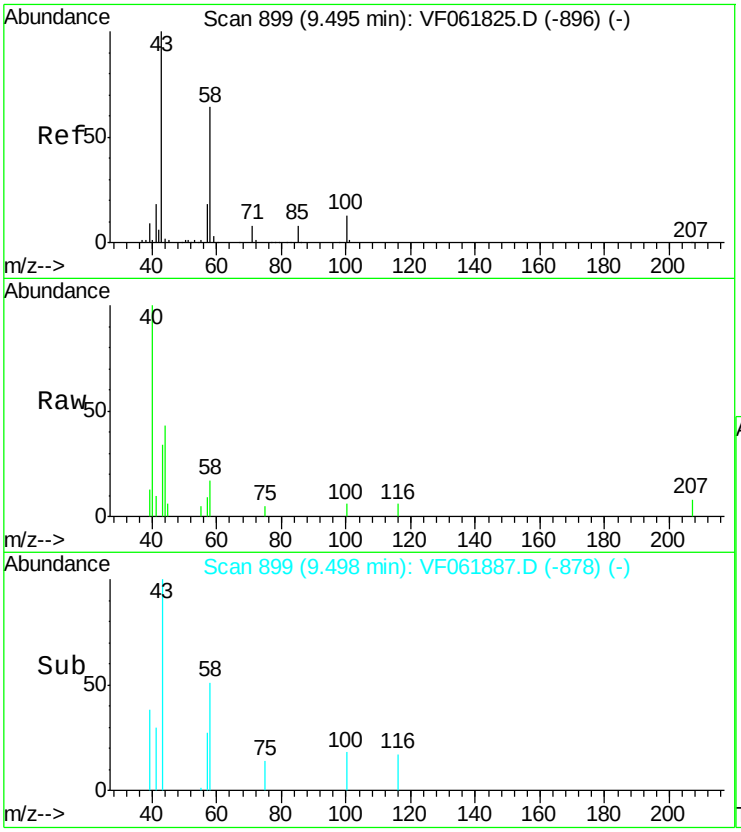


#52
Toluene
Concen: 3.241 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 92 Resp: 17278

Ion	Ratio	Lower	Upper
92	100		
91	162.9	132.0	198.0



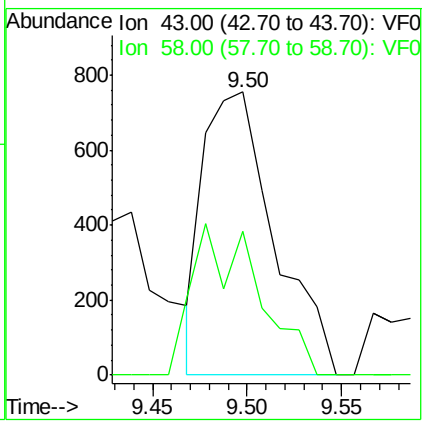


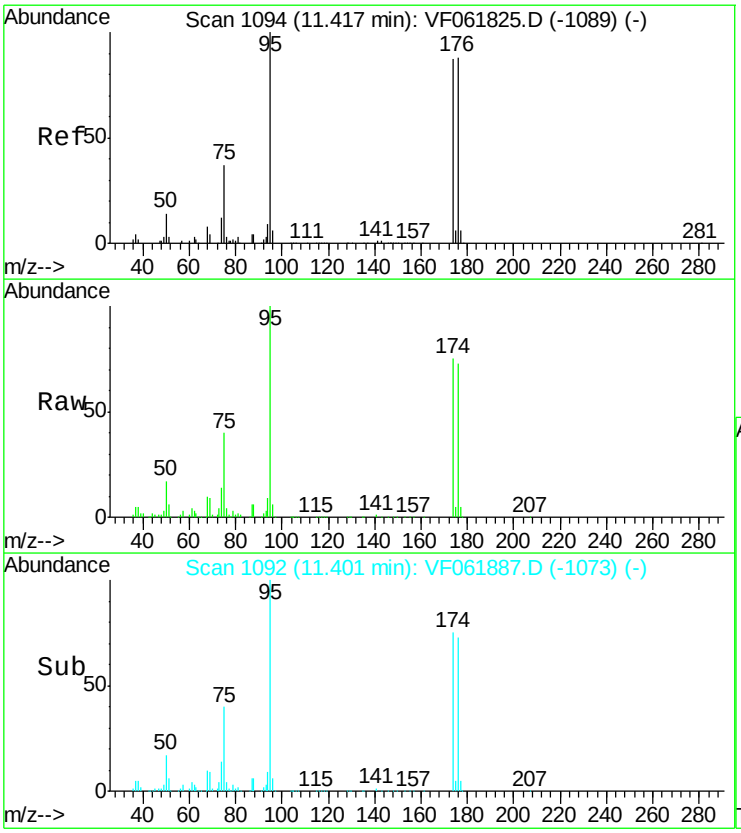
#59
2-Hexanone
Concen: 2.215 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 43 Resp: 1970

Ion	Ratio	Lower	Upper
43	100		
58	50.7	28.8	86.4

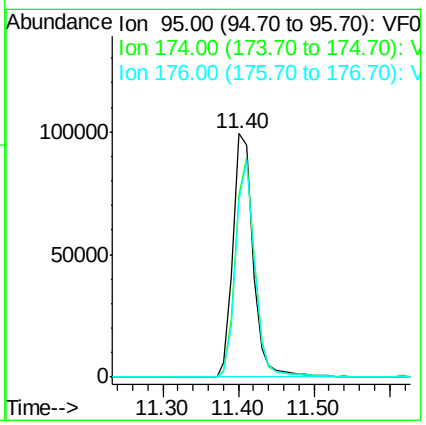


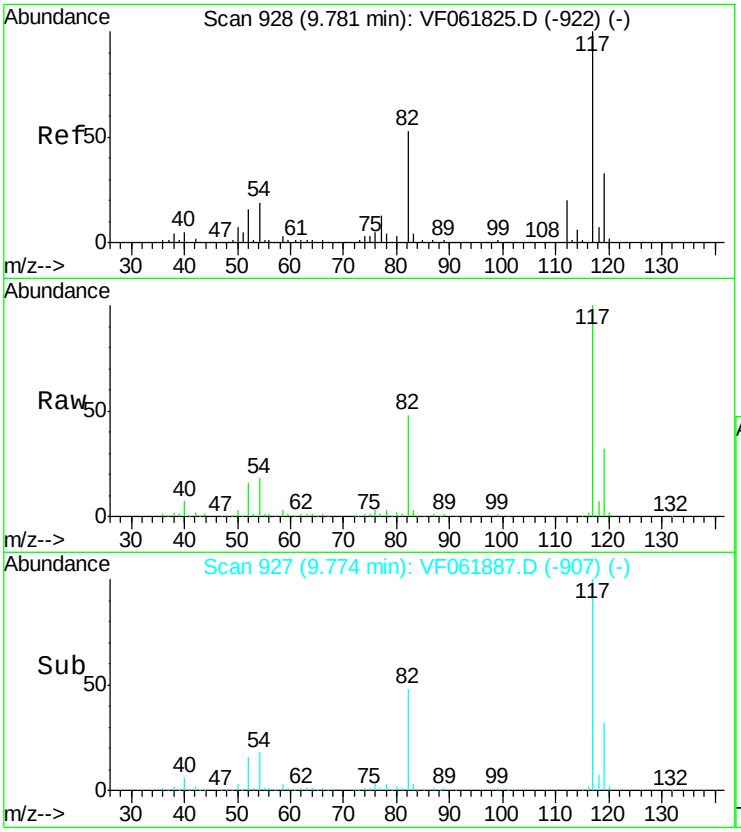


#62
4-Bromofluorobenzene
Concen: 61.662 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 95 Resp: 182888

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	174.0
176	72.8	0.0	175.2



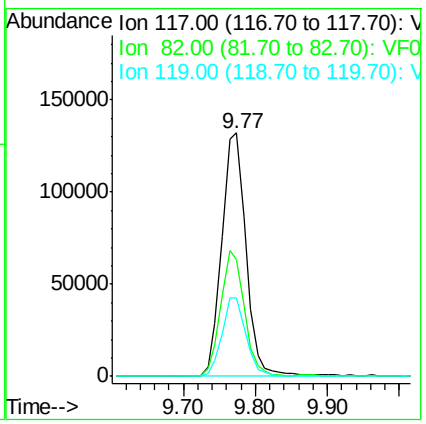


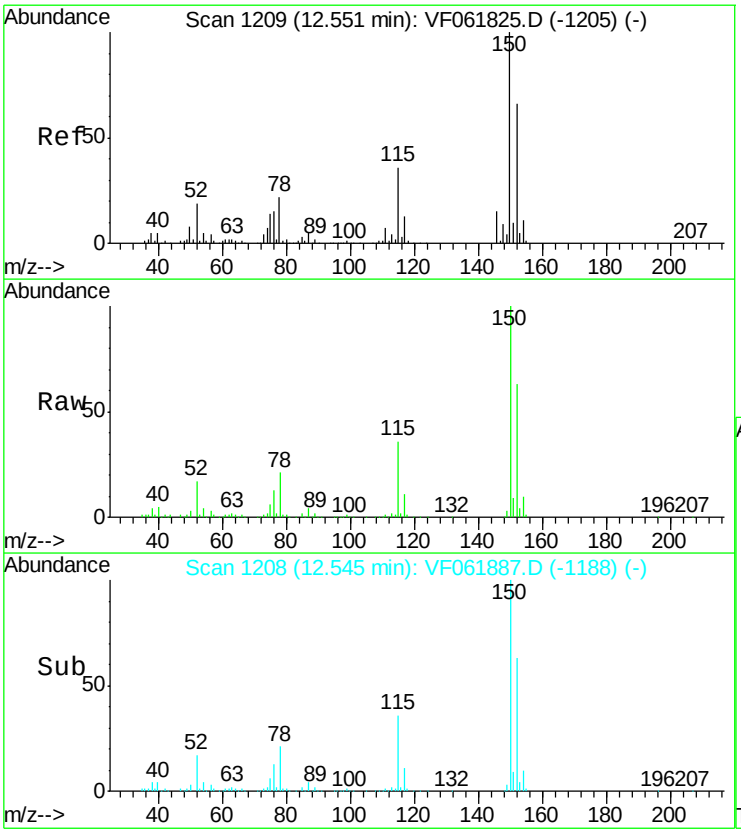
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion:117 Resp: 309193

Ion	Ratio	Lower	Upper
117	100		
82	48.1	42.6	63.8
119	32.3	26.0	39.0

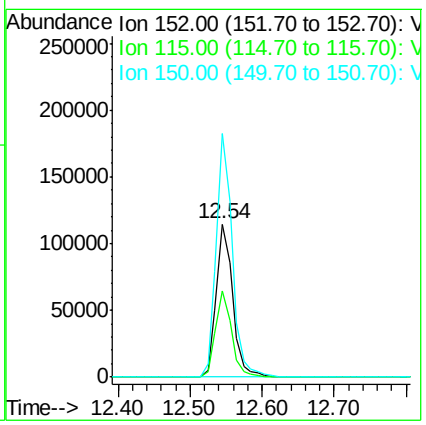


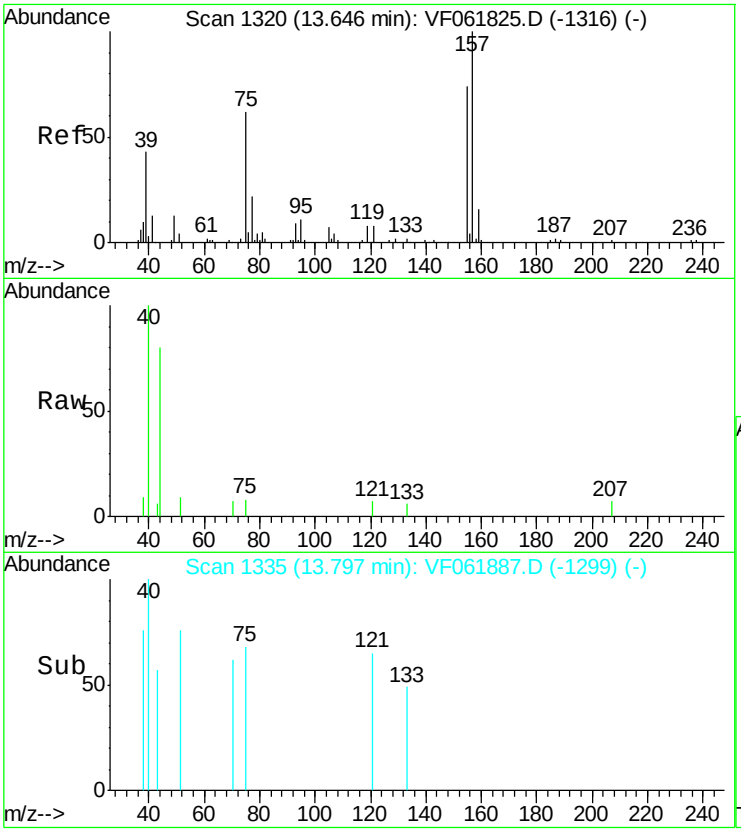


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion:152 Resp: 179912

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.7	83.1
150	159.2	0.0	304.2



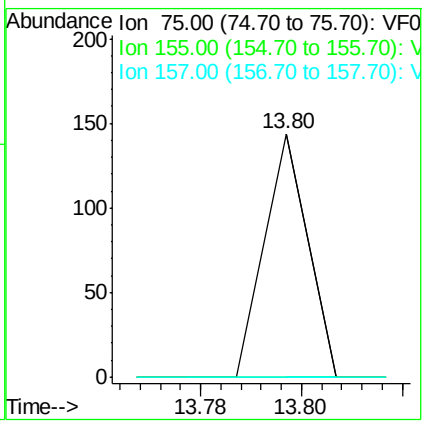


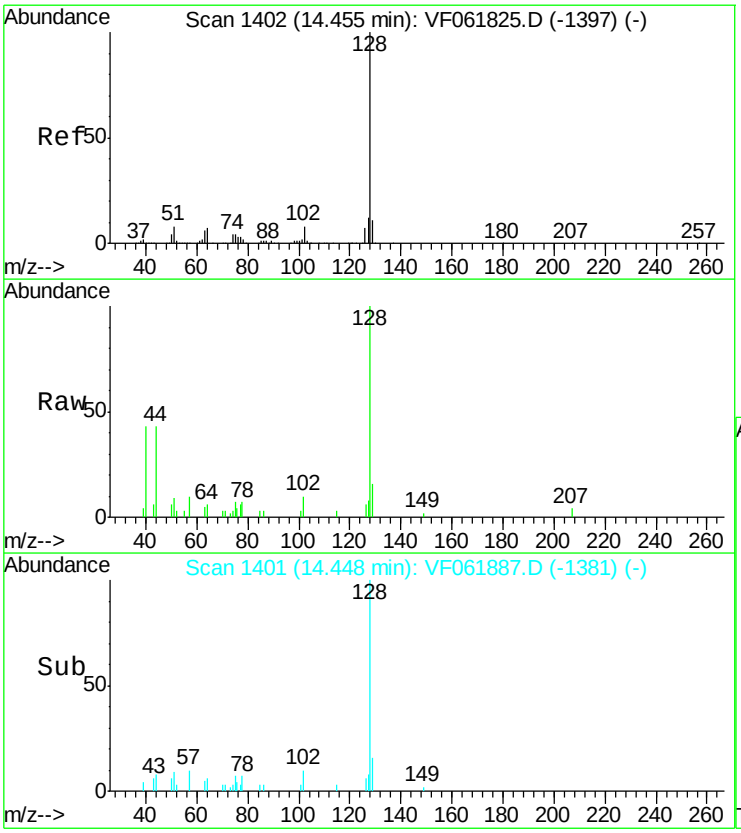
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.987 ug/l
RT: 13.80 min Scan# 1335
Delta R.T. 0.15 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Instrument : MSVOA_F
ClientSampleId : TP-3

Tgt Ion: 75 Resp: 85

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





#95
Naphthalene
Concen: 1.022 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion:128 Resp: 6844

Ion	Ratio	Lower	Upper
128	100		
127	8.0	9.3	13.9#
129	15.8	8.8	13.2#