Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012819\
Data File : VF061538.D
Acq On : 28 Jan 2019 13:42
Operator : VA/AP
Sample : K1011-09
Misc : 6.57g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Quant Time: Jan 29 03:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	217051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	405458	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	295051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	117001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	113417	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.64%			
35) Dibromofluoromethane	4.10	113	129870	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.18%			
50) Toluene-d8	7.55	98	304768	34.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.54%			
62) 4-Bromofluorobenzene	11.40	95	122107	29.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.62%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	314	2.768	ug/l #	1
13) Acrolein	1.96	56	327	13.545	ug/l	97
14) Allyl chloride	2.11	41	710	Below Cal	#	63
15) Acrylonitrile	2.93	53	706	2.430	ug/l #	29
16) Acetone	2.23	43	49580	92.226	ug/l #	90
18) Methyl Acetate	2.37	43	2421	2.271	ug/l #	61
23) Vinyl Acetate	3.11	43	236	3.271	ug/l #	78
25) 2-Butanone	4.32	43	10413	11.648	ug/l #	87
29) Tetrahydrofuran	4.07	42	1969	5.115	ug/l #	69
51) 4-Methyl-2-Pentanone	8.26	43	3037	1.752	ug/l	99
52) Toluene	7.62	92	40384	5.862	ug/l	97
59) 2-Hexanone	9.48	43	3783	3.129	ug/l	67
68) m/p-Xylenes	10.12	106	11906	3.020	ug/l	100
69) o-Xylene	10.70	106	8324	1.948	ug/l	97
95) Naphthalene	14.45	128	9388	1.876	ug/l #	94

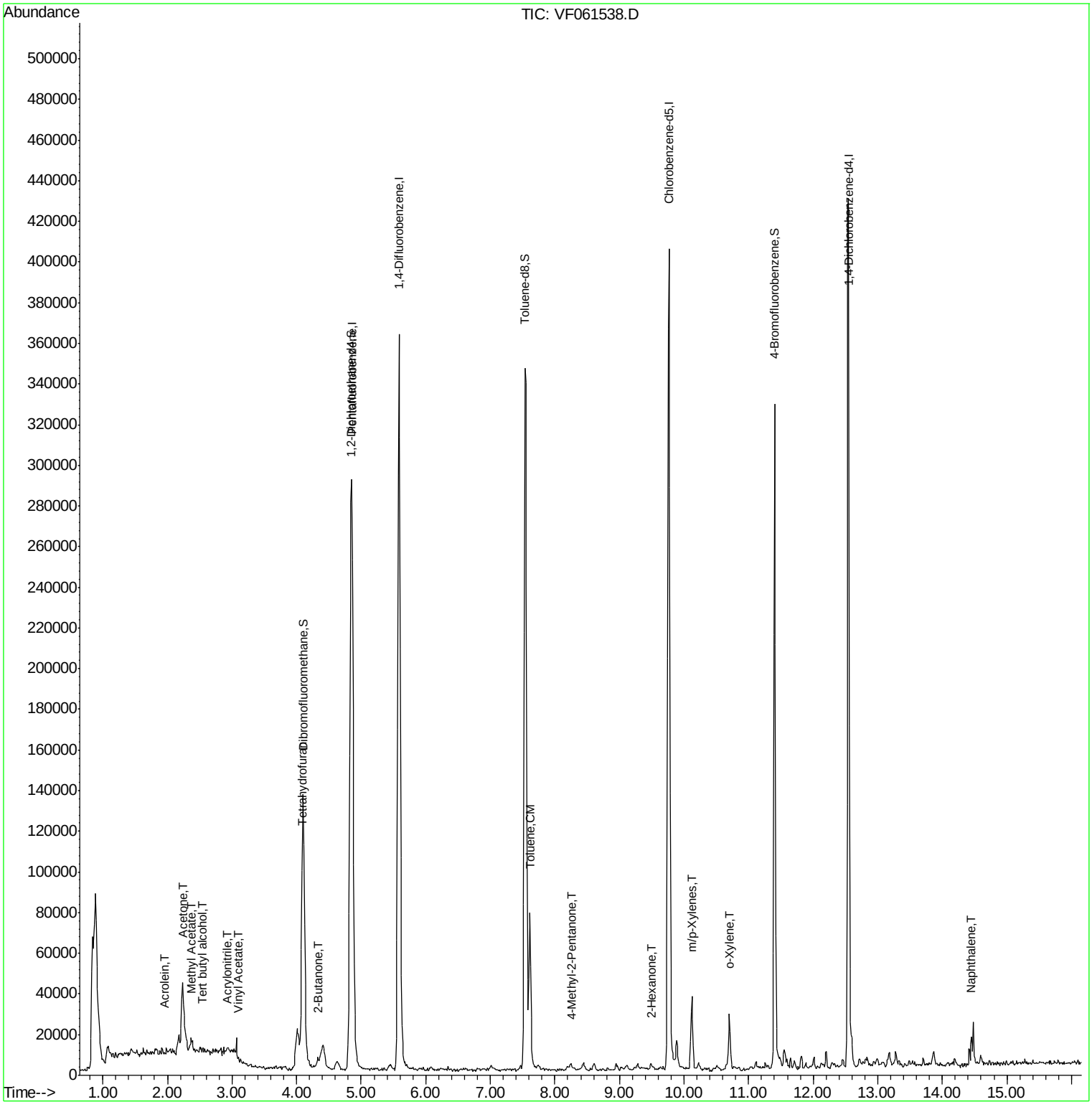
(#) = qualifier out of range (m) = manual integration (+) = signals summed

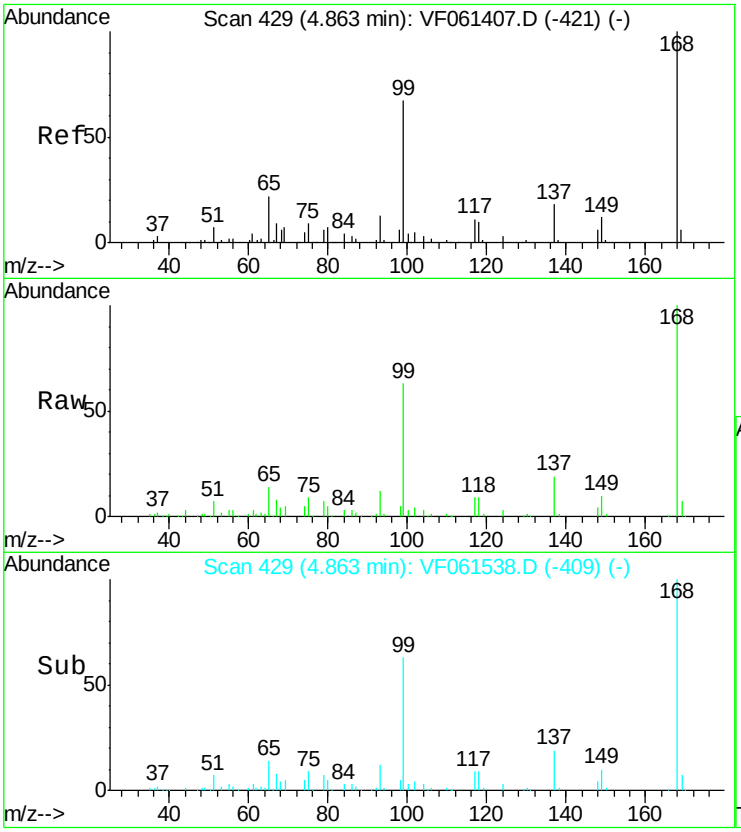
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012819\
Data File : VF061538.D
Acq On : 28 Jan 2019 13:42
Operator : VA/AP
Sample : K1011-09
Misc : 6.57g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Quant Time: Jan 29 03:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



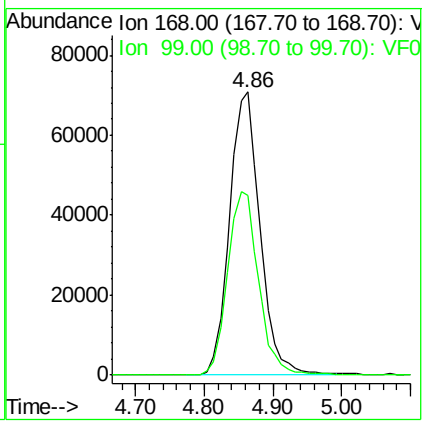


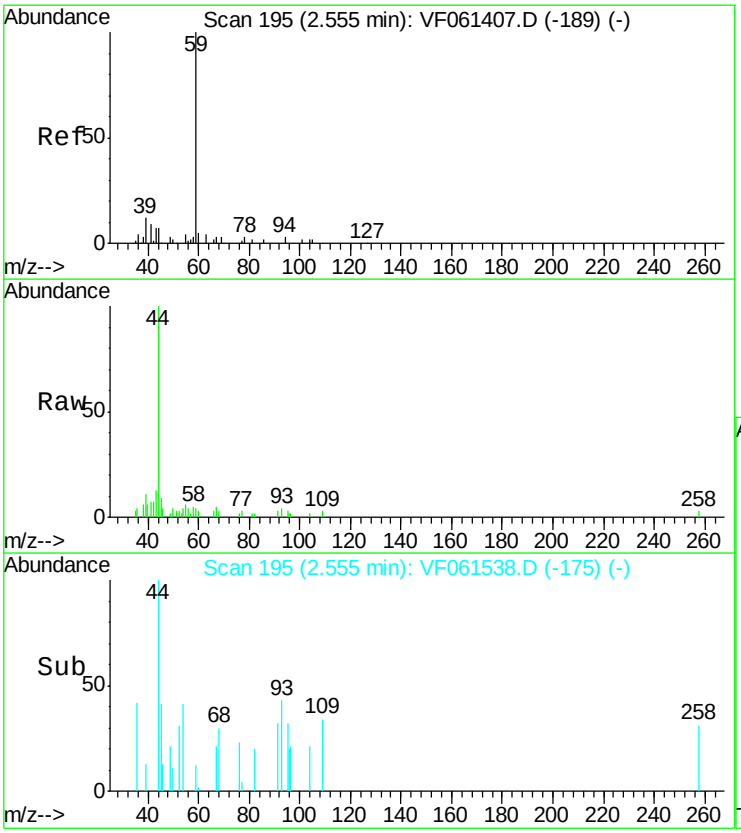
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:168 Resp: 217051

Ion	Ratio	Lower	Upper
168	100		
99	63.4	53.5	80.3

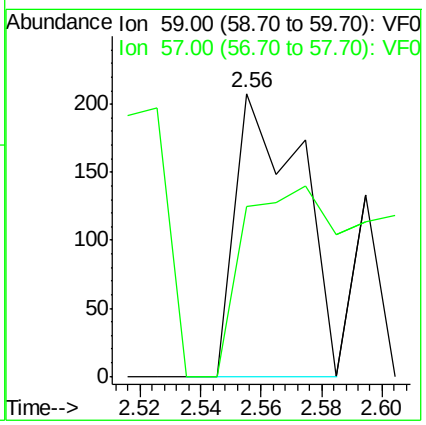


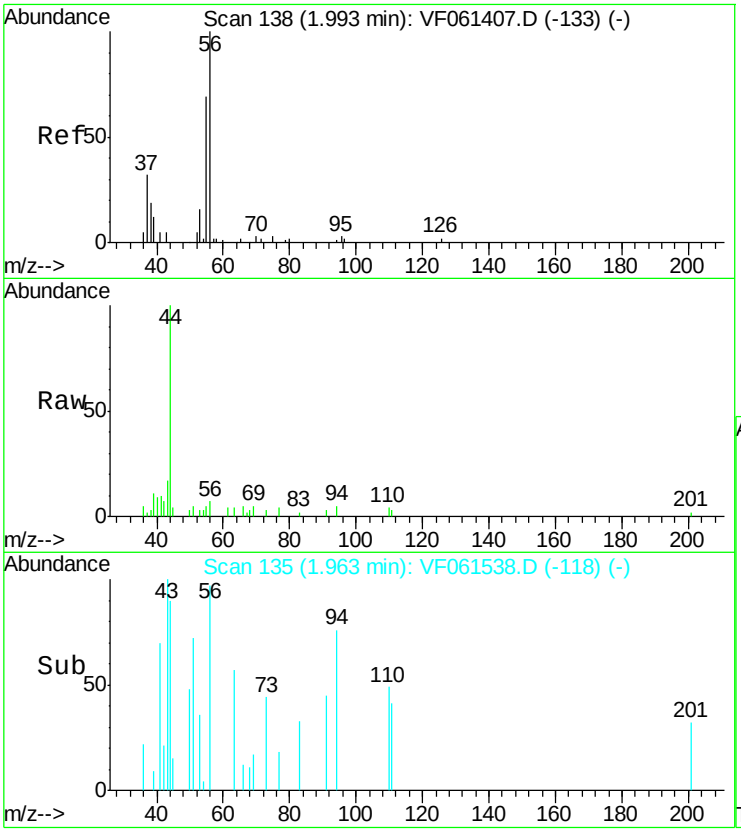


#11
Tert butyl alcohol
Concen: 2.768 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 59 Resp: 314

Ion	Ratio	Lower	Upper
59	100		
57	60.1	11.9	17.9#



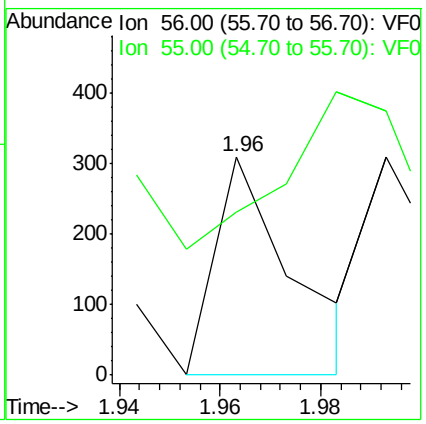


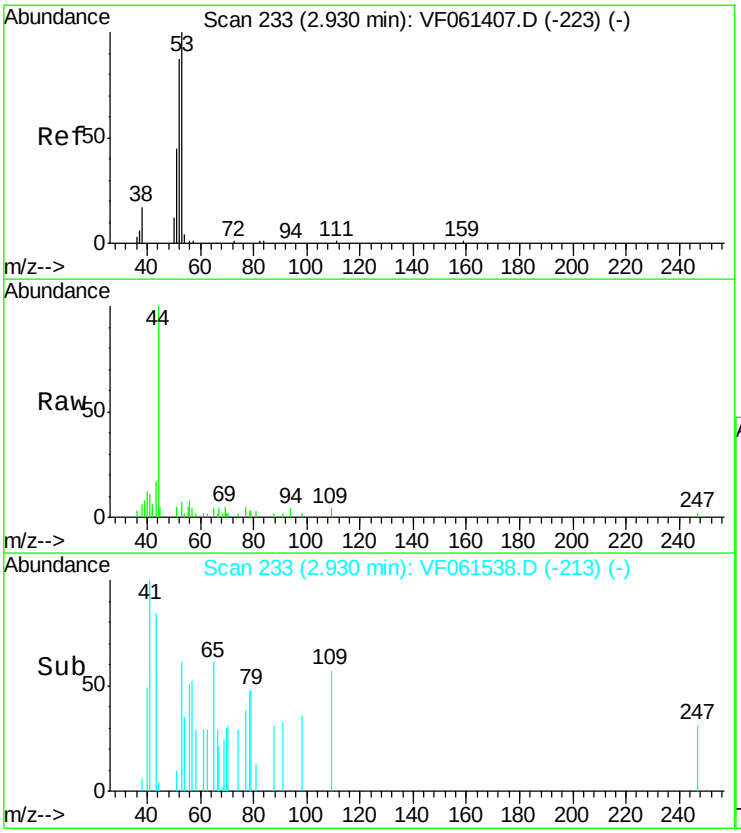
#13
Acrolein
Concen: 13.545 ug/l
RT: 1.96 min Scan# 135
Delta R.T. -0.03 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Tgt Ion: 56 Resp: 327

Ion	Ratio	Lower	Upper
56	100		
55	74.8	57.5	86.3

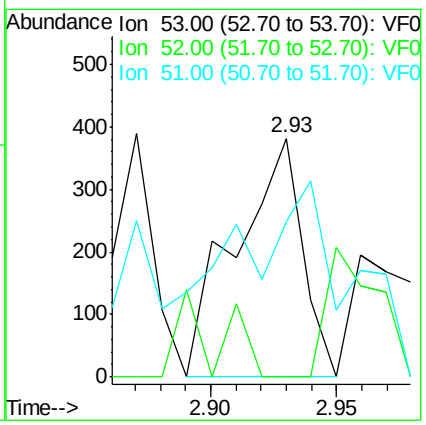


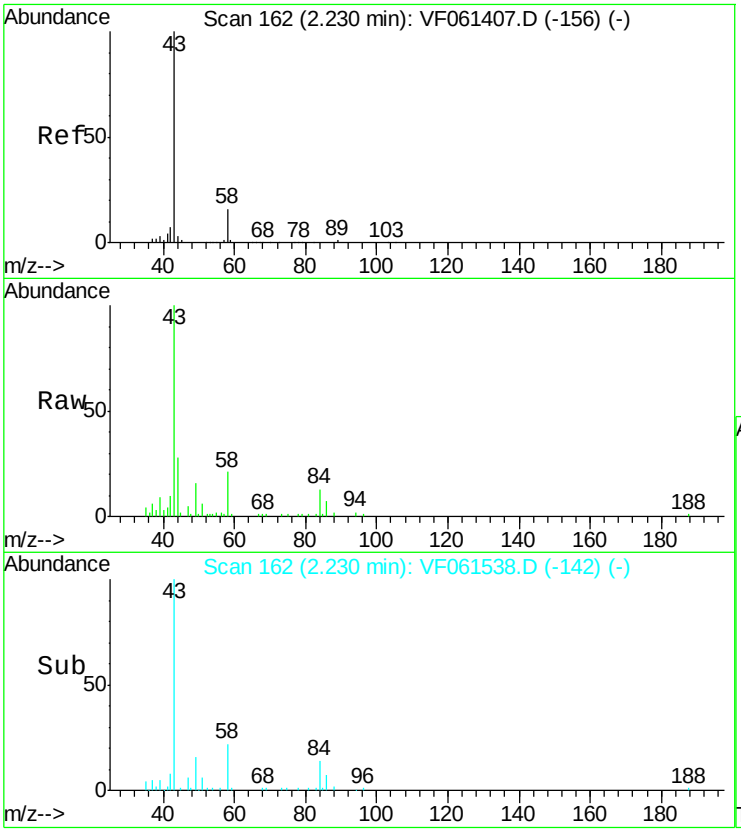


#15
Acrylonitrile
Concen: 2.430 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 53 Resp: 706

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	64.9	36.8	55.2#



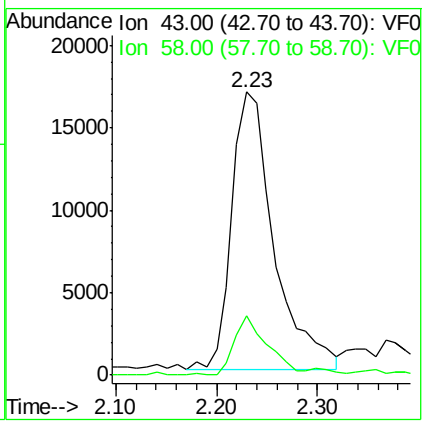


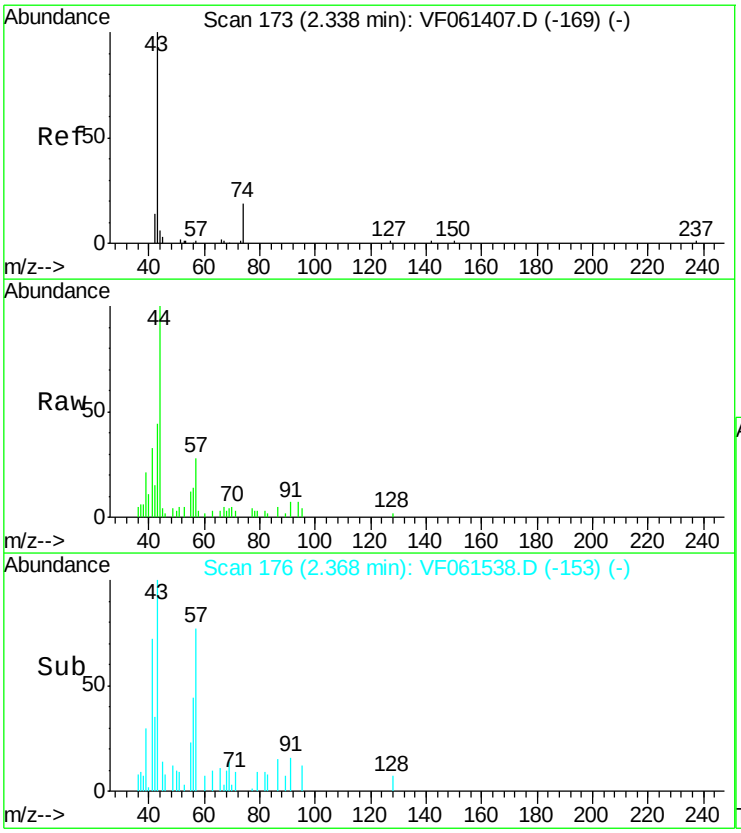
#16
Acetone
Concen: 92.226 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Tgt Ion: 43 Resp: 49580

Ion	Ratio	Lower	Upper
43	100		
58	21.1	13.3	19.9#

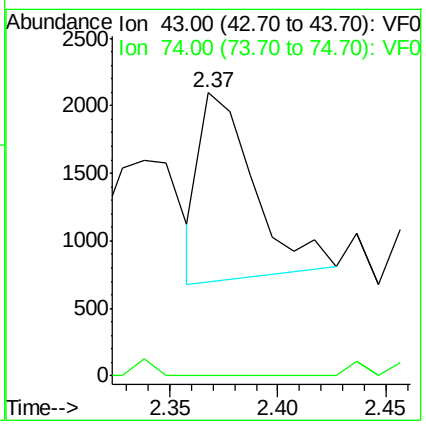


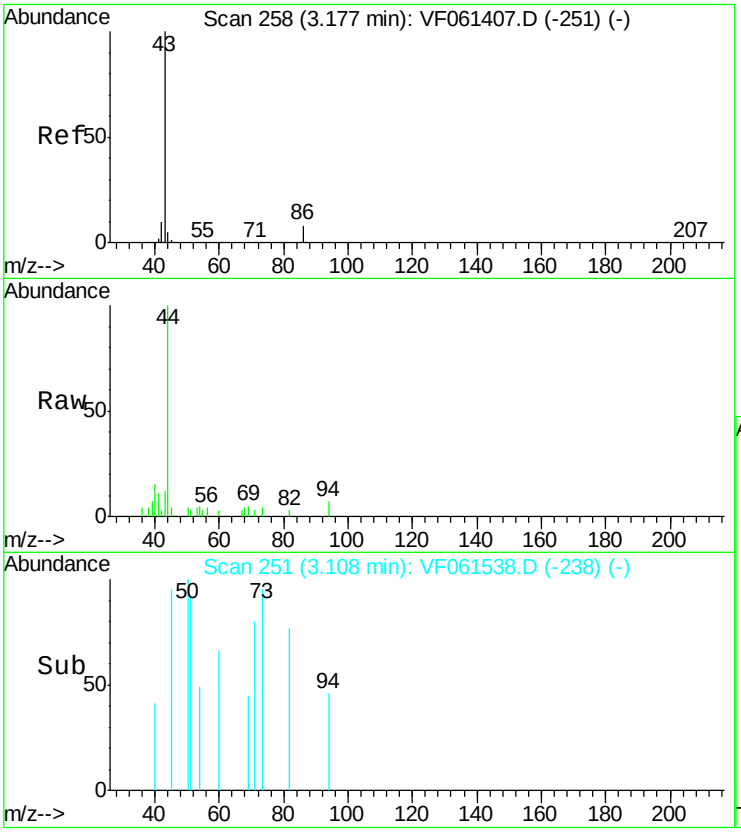


#18
Methyl Acetate
Concen: 2.271 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.03 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 43 Resp: 2421

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



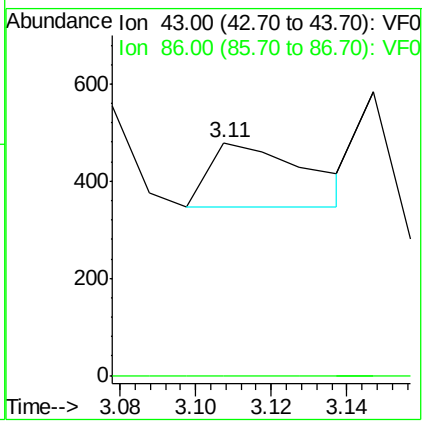


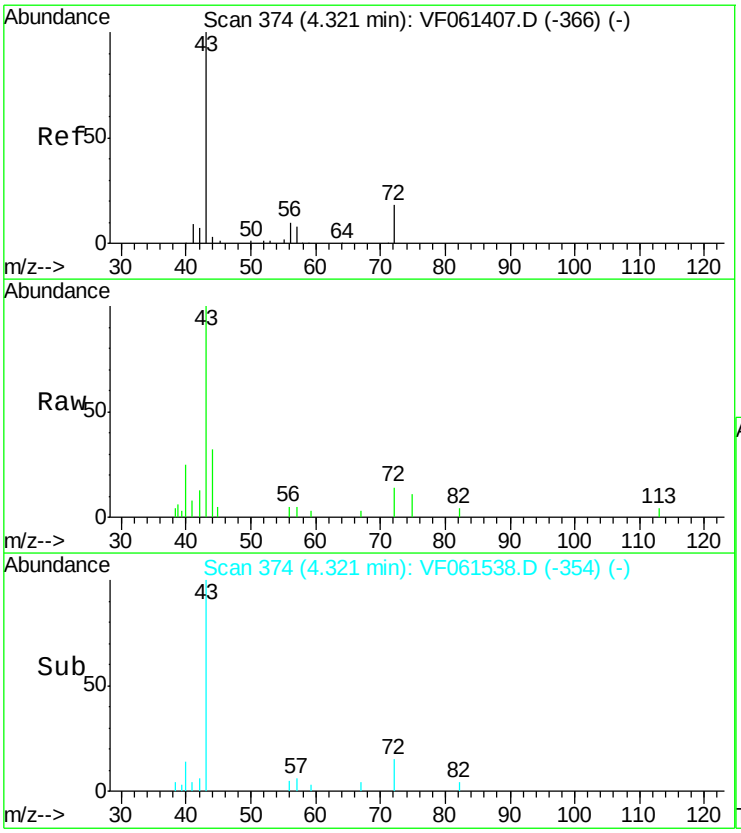
#23
Vinyl Acetate
Concen: 3.271 ug/l
RT: 3.11 min Scan# 251
Delta R.T. -0.07 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

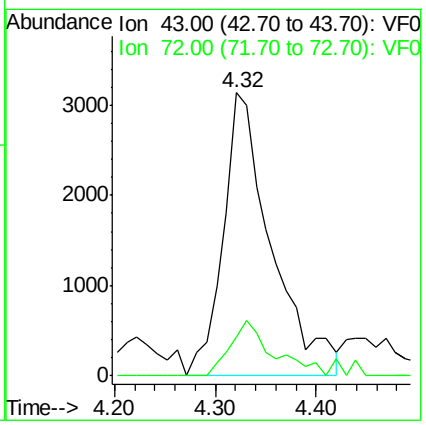


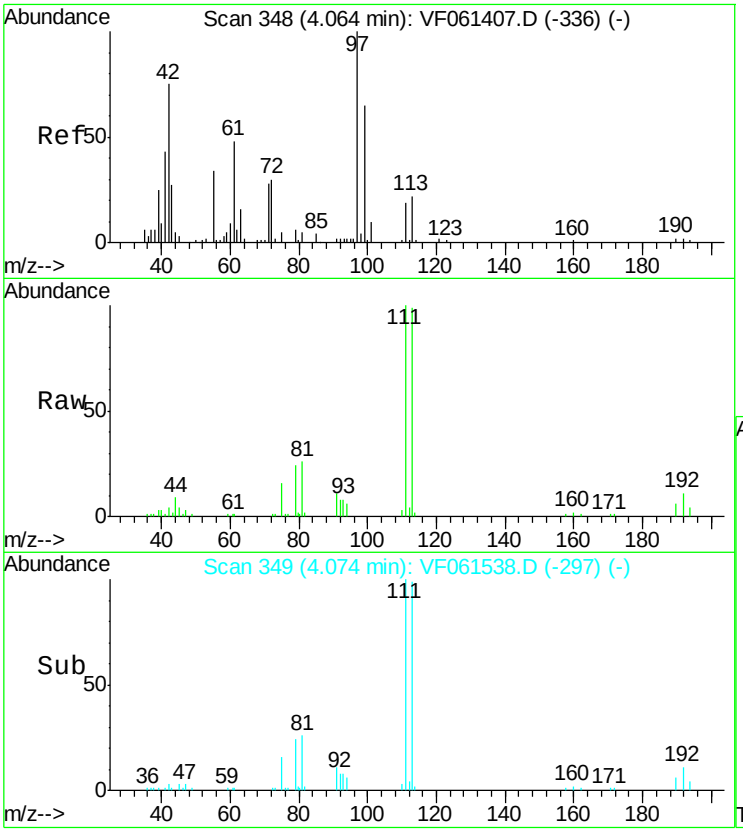


#25
2-Butanone
Concen: 11.648 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 43 Resp: 10413

Ion	Ratio	Lower	Upper
43	100		
72	13.9	15.8	23.6#



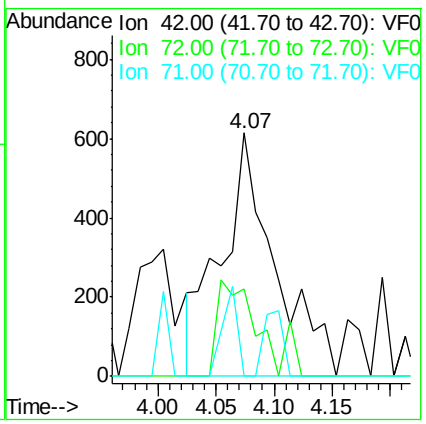


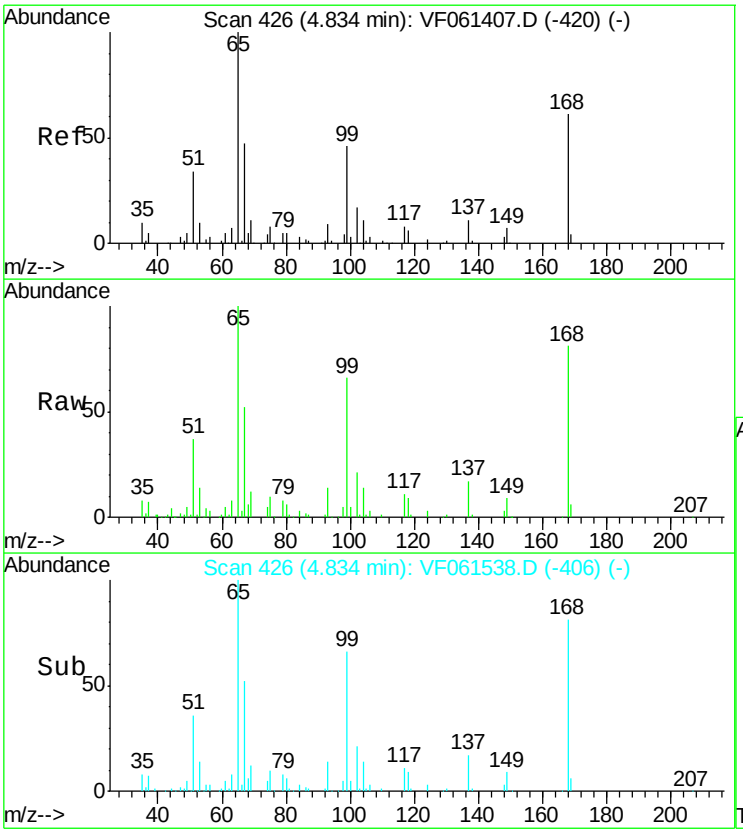
#29
Tetrahydrofuran
Concen: 5.115 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.01 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Tgt Ion: 42 Resp: 1969

Ion	Ratio	Lower	Upper
42	100		
72	26.6	28.9	43.3#
71	10.3	29.6	44.4#

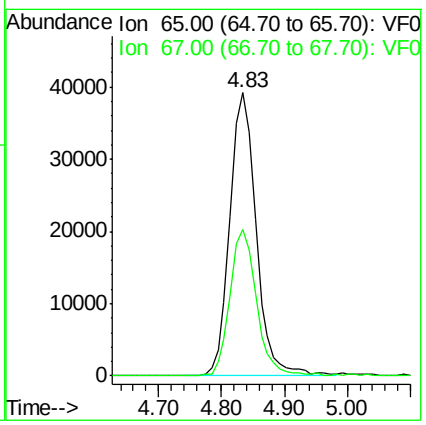


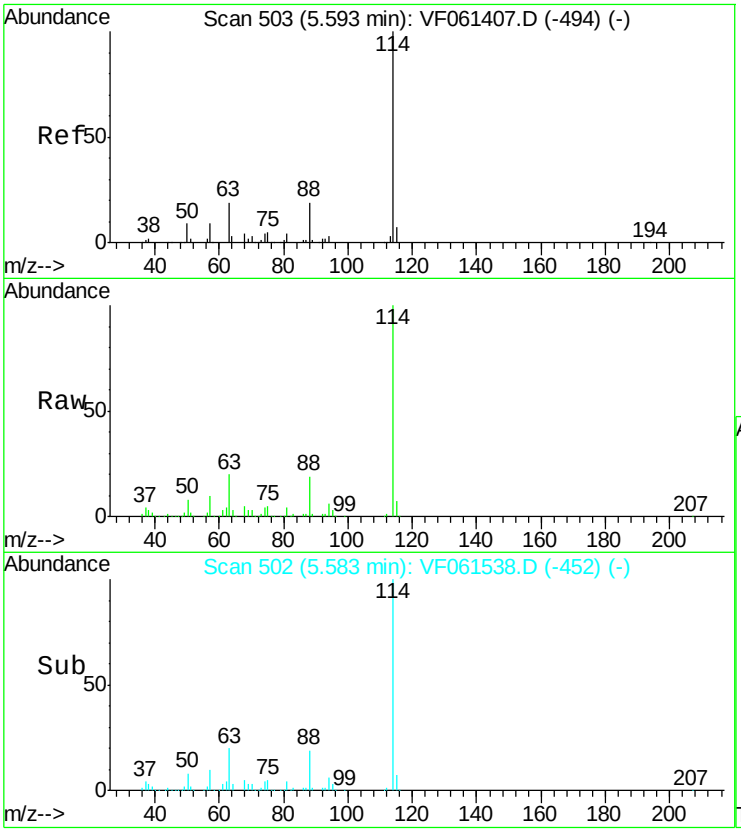


#33
1,2-Dichloroethane-d4
Concen: 42.323 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 65 Resp: 113417

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	99.8



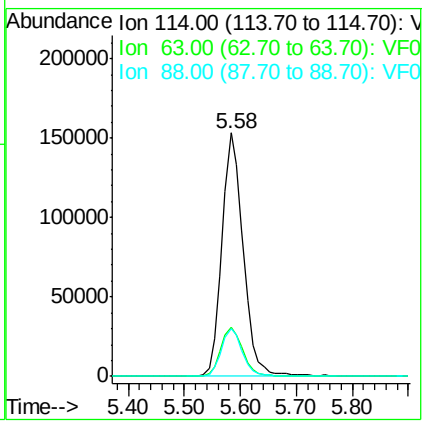


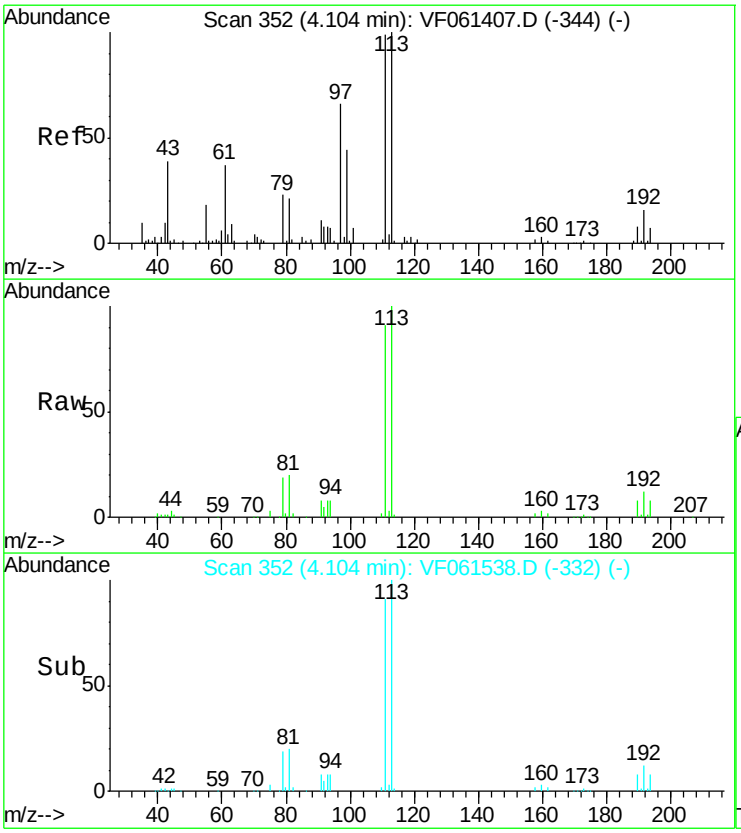
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:114 Resp: 405458

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	19.5	0.0	37.4

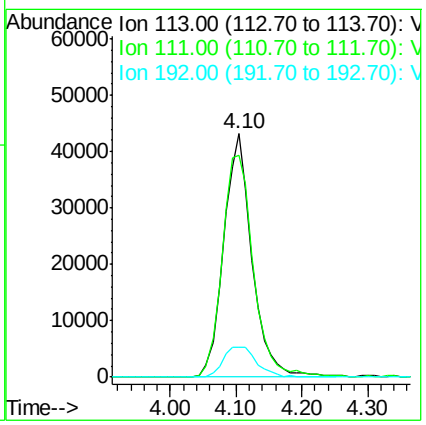


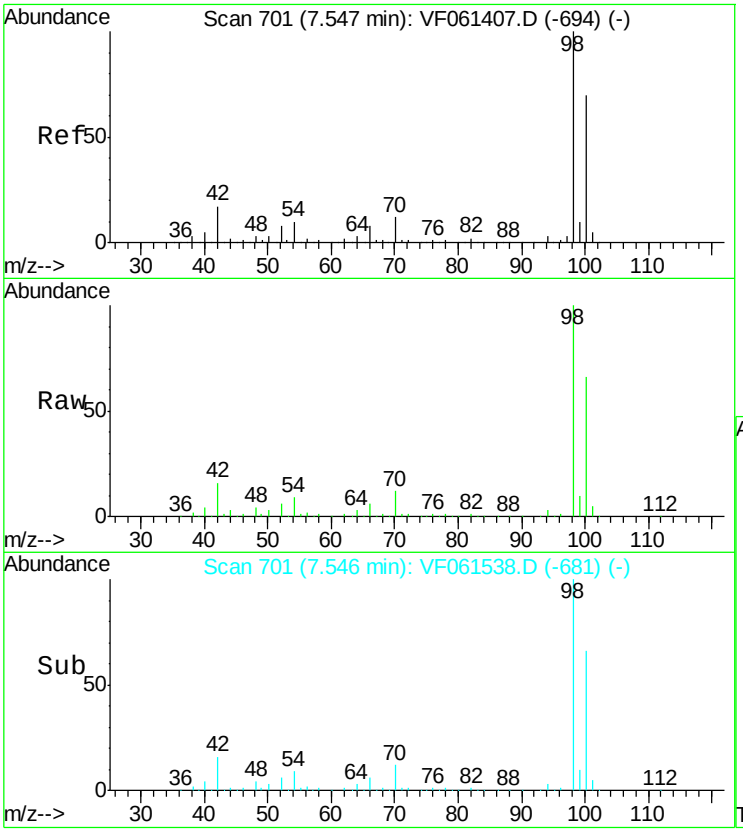


#35
Dibromofluoromethane
Concen: 40.592 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion:113 Resp: 129870

Ion	Ratio	Lower	Upper
113	100		
111	91.1	79.4	119.0
192	12.1	12.4	18.6#



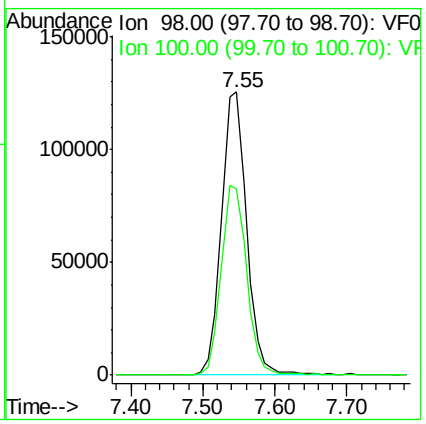


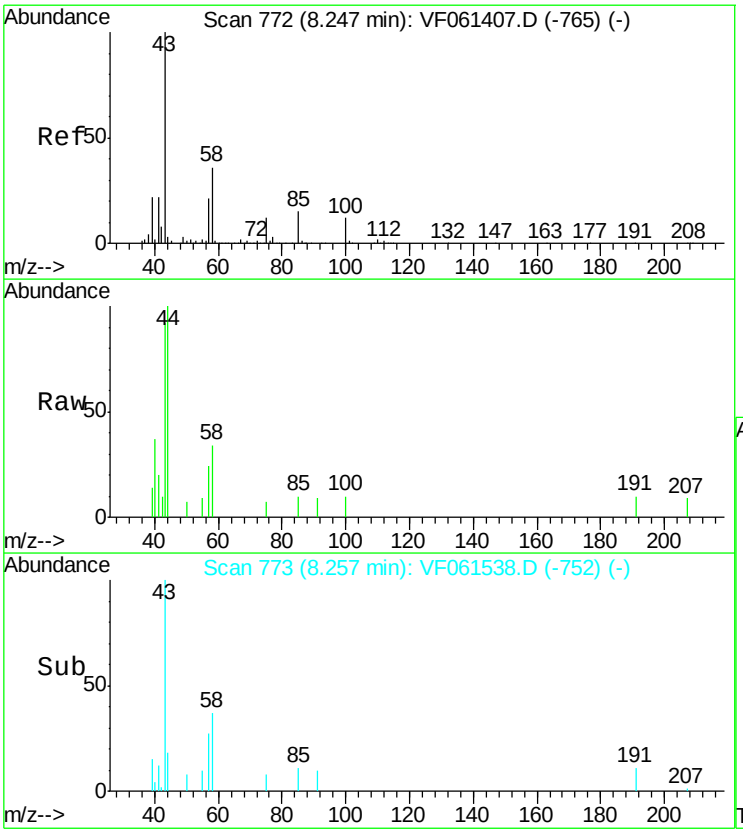
#50
Toluene-d8
Concen: 34.768 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument : MSVOA_F
ClientSampleId : OR-01-012519-A

Tgt Ion: 98 Resp: 304768

Ion	Ratio	Lower	Upper
98	100		
100	65.8	55.6	83.4

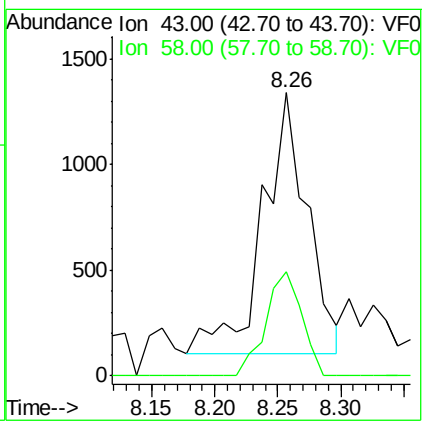


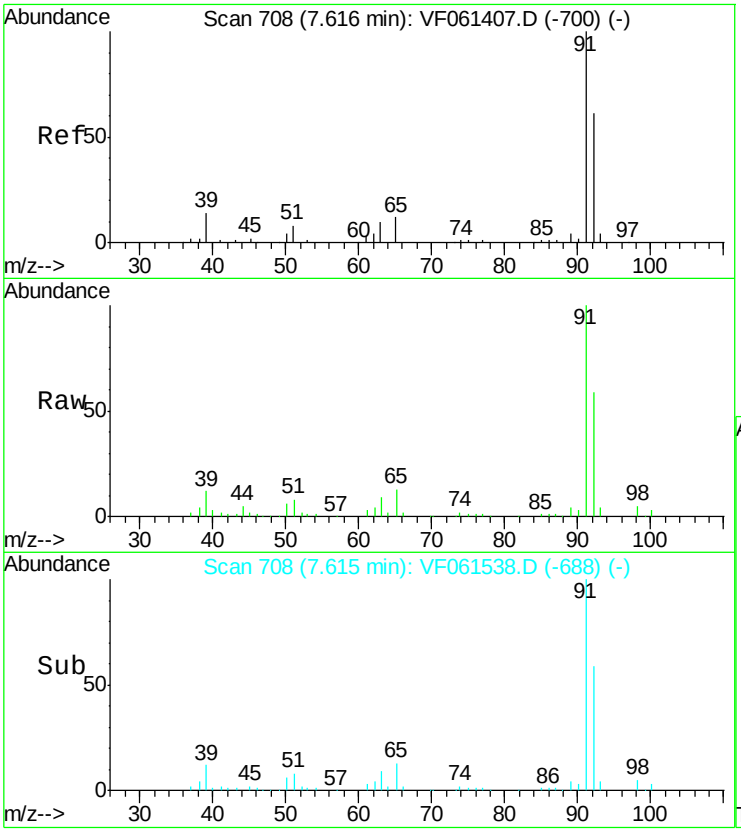


#51
4-Methyl-2-Pentanone
Concen: 1.752 ug/l
RT: 8.26 min Scan# 773
Delta R.T. 0.01 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 43 Resp: 3037

Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.8	43.2



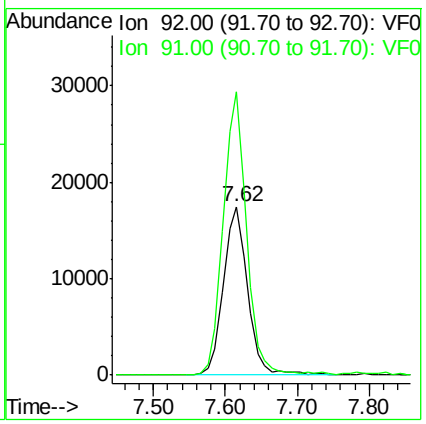


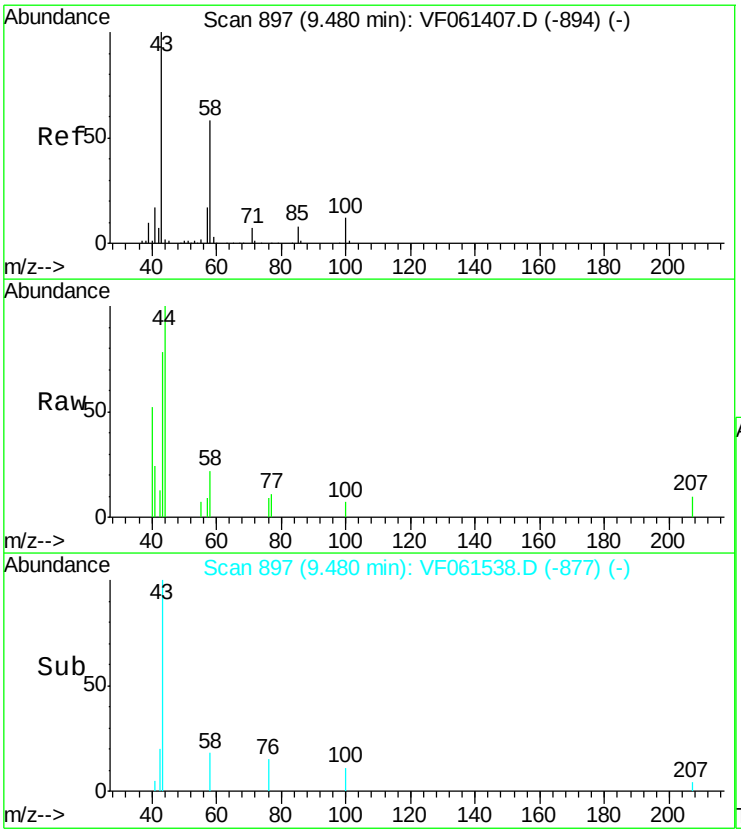
#52
Toluene
Concen: 5.862 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion: 92 Resp: 40384

Ion	Ratio	Lower	Upper
92	100		
91	168.3	131.2	196.8

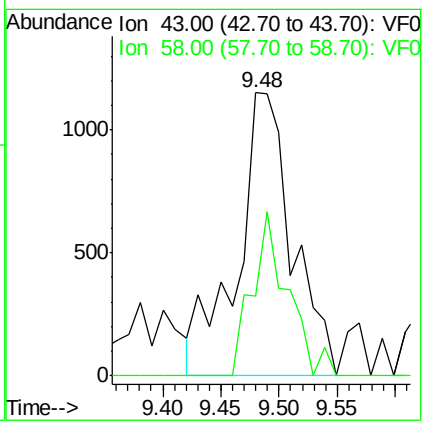


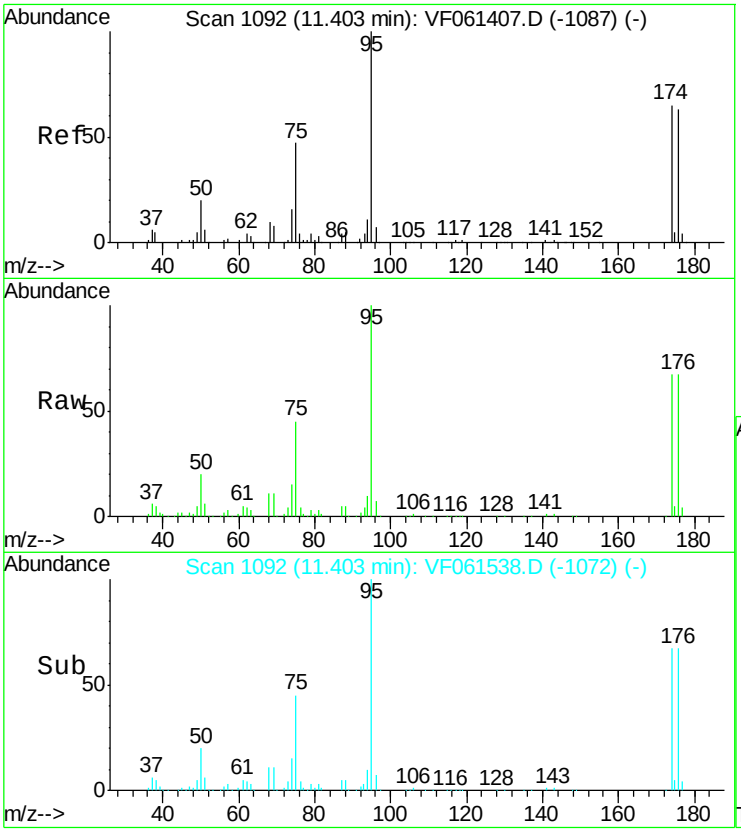


#59
2-Hexanone
Concen: 3.129 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion: 43 Resp: 3783

Ion	Ratio	Lower	Upper
43	100		
58	28.2	25.9	77.6



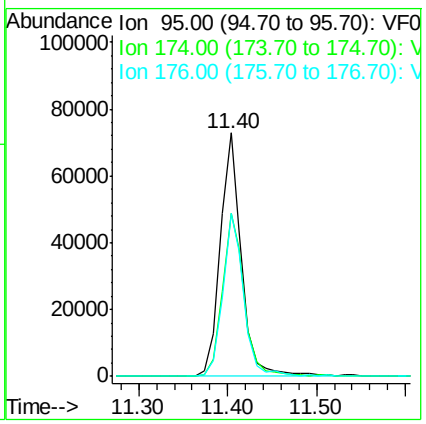


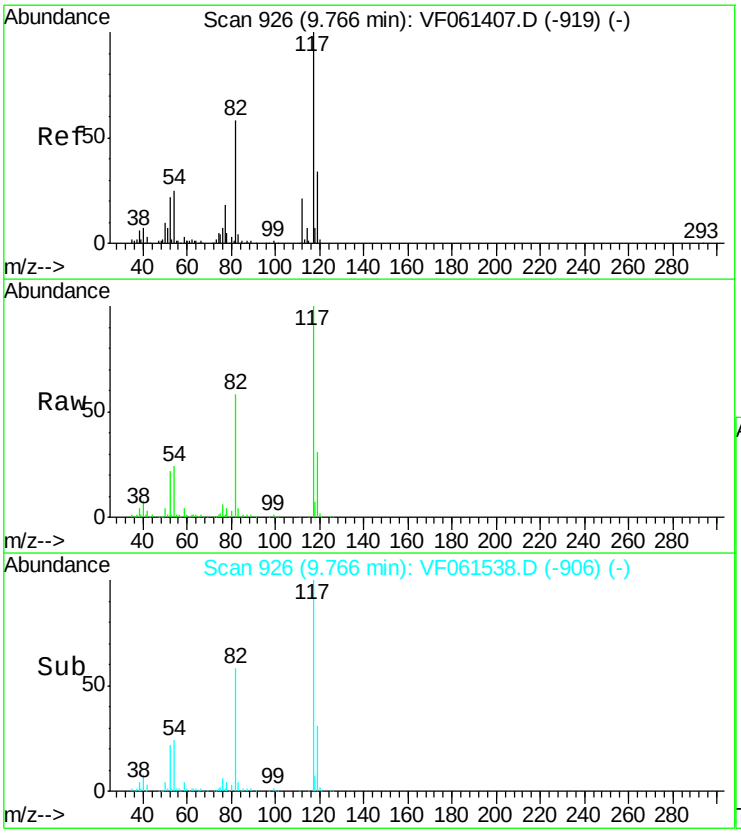
#62
4-Bromofluorobenzene
Concen: 29.814 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion: 95 Resp: 122107

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	130.4
176	66.8	0.0	126.2

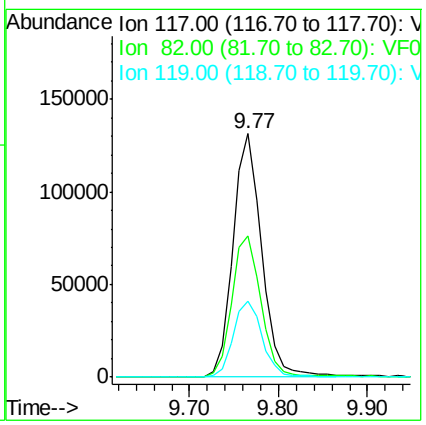


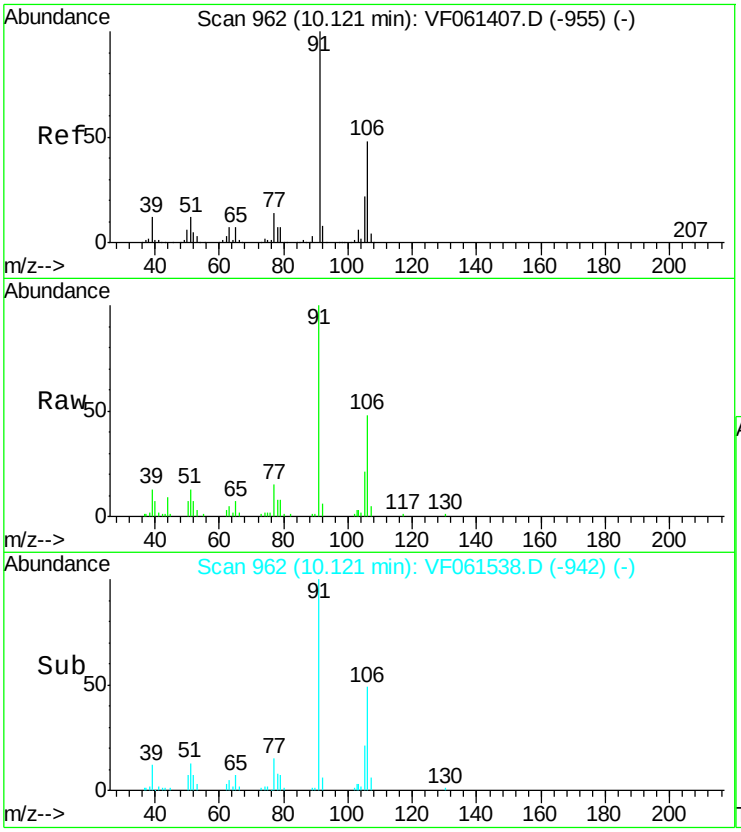


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion:117 Resp: 295051

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.4	69.6
119	31.3	27.2	40.8



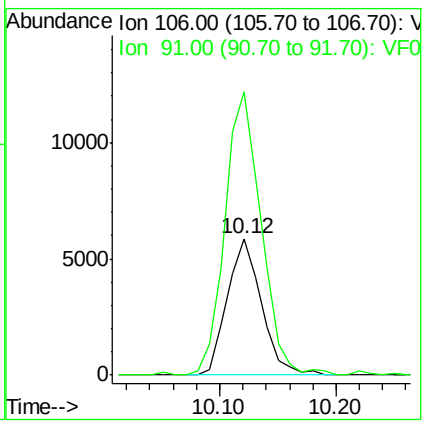


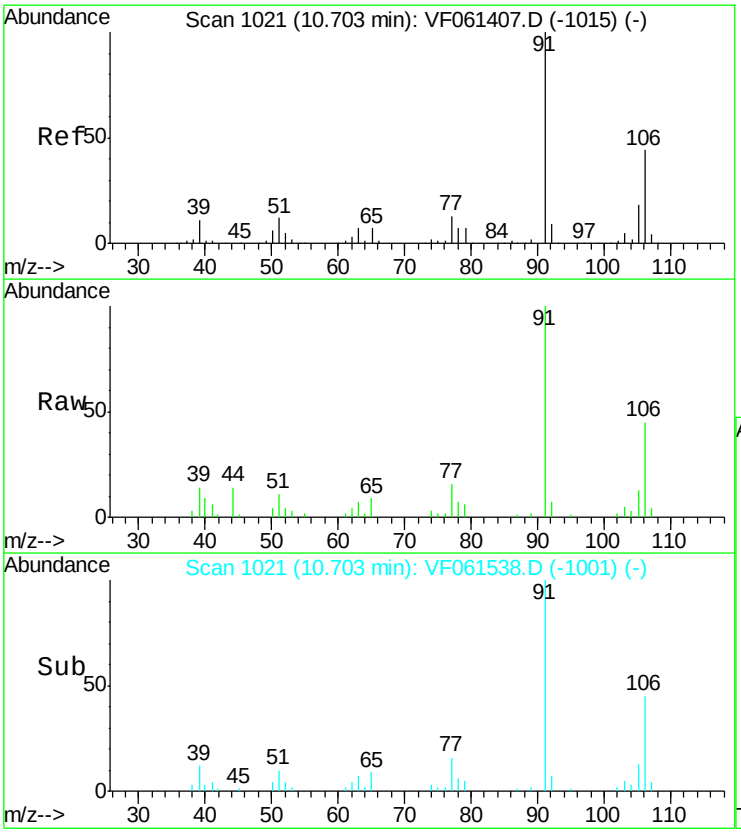
#68
m/p-Xylenes
Concen: 3.020 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:106 Resp: 11906

Ion	Ratio	Lower	Upper
106	100		
91	207.8	166.2	249.4

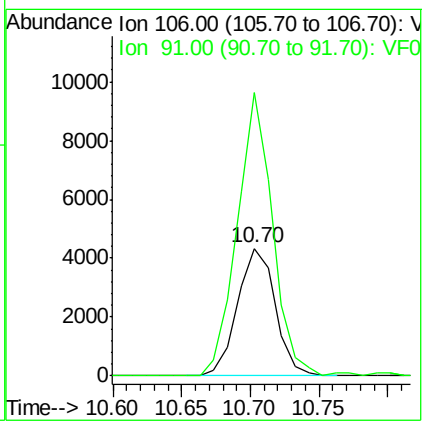


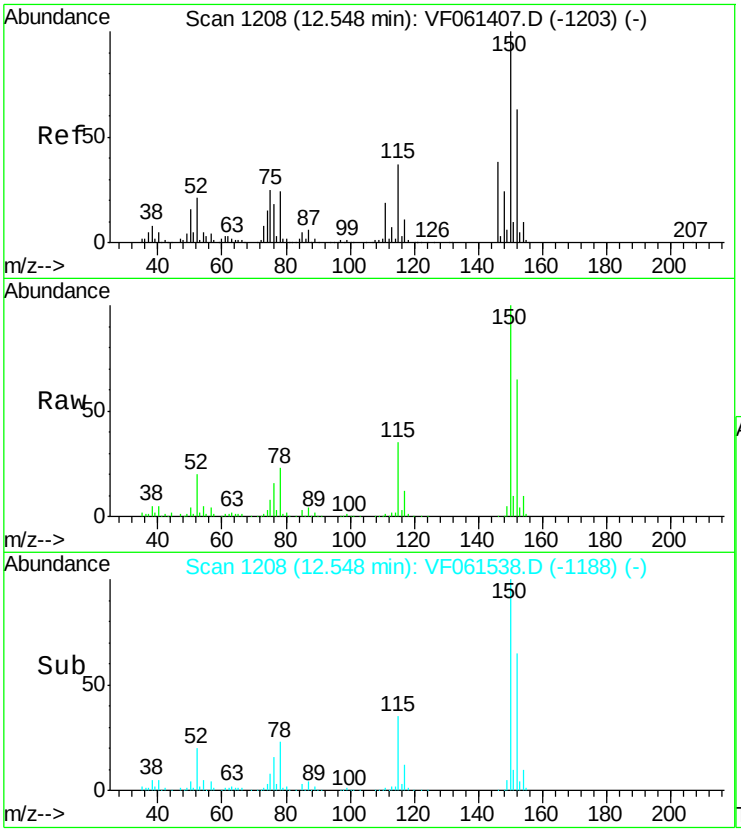


#69
o-Xylene
Concen: 1.948 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion:106 Resp: 8324

Ion	Ratio	Lower	Upper
106	100		
91	222.2	113.3	339.8



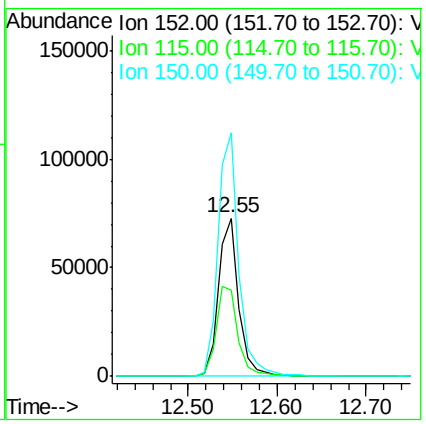


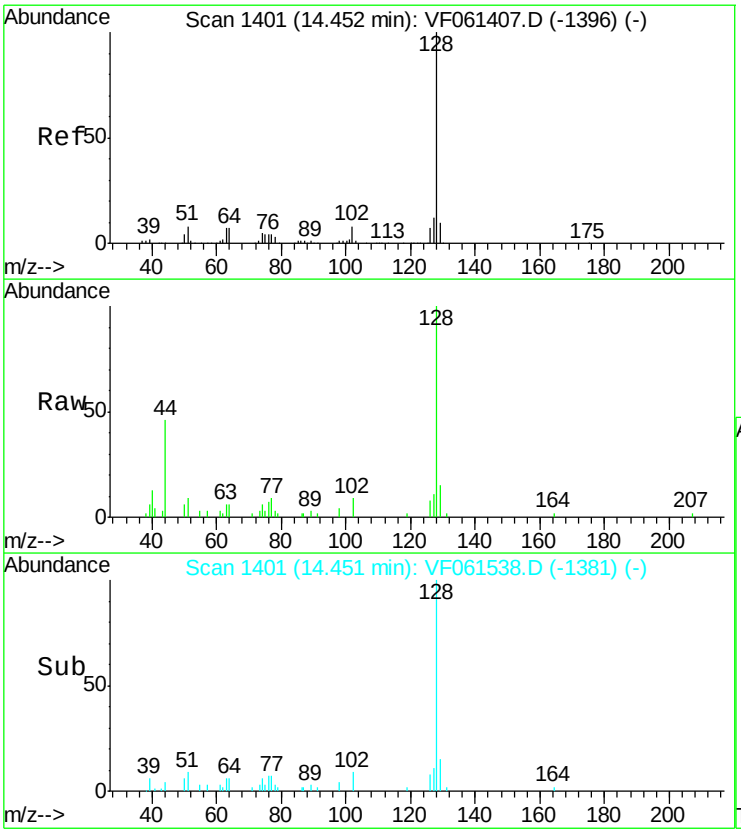
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
OR-01-012519-A

Tgt Ion:152 Resp: 117001

Ion	Ratio	Lower	Upper
152	100		
115	54.5	30.0	90.0
150	153.8	0.0	321.4





#95
Naphthalene
Concen: 1.876 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061538.D
Acq: 28 Jan 2019 13:42

Tgt Ion:128 Resp: 9388

Ion	Ratio	Lower	Upper
128	100		
127	11.4	9.5	14.3
129	15.0	8.4	12.6#