Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121918\
Data File : VF061091.D
Acq On : 19 Dec 2018 18:08
Operator : VA/AP
Sample : J6388-13
Misc : 5.63g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:24:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	175866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	318482	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	217908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	58584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	123640	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.32%			
35) Dibromofluoromethane	4.11	113	127224	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
50) Toluene-d8	7.56	98	246193	34.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.10%			
62) 4-Bromofluorobenzene	11.41	95	77329	23.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.40%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	586	1.079	ug/l	73
11) Tert butyl alcohol	2.60	59	326	3.571	ug/l #	65
13) Acrolein	1.84	56	298	4.518	ug/l	91
15) Acrylonitrile	2.94	53	592	2.805	ug/l #	34
16) Acetone	2.24	43	1383	3.058	ug/l #	85
18) Methyl Acetate	2.38	43	4419	4.724	ug/l #	66
20) Methylene Chloride	2.24	84	8370	1.429	ug/l #	77
25) 2-Butanone	4.35	43	1528	2.084	ug/l #	57
29) Tetrahydrofuran	4.08	42	1034	3.464	ug/l #	43
49) 1,4-Dioxane	6.70	88	62	6.594	ug/l #	10
51) 4-Methyl-2-Pentanone	8.26	43	1351	1.061	ug/l #	38
59) 2-Hexanone	9.51	43	1075	1.168	ug/l	64
70) Styrene	10.80	104	534	Below Cal	#	60
78) n-propylbenzene	11.60	91	616	Below Cal	#	46
87) 1,3-Dichlorobenzene	12.47	146	63	Below Cal	#	25

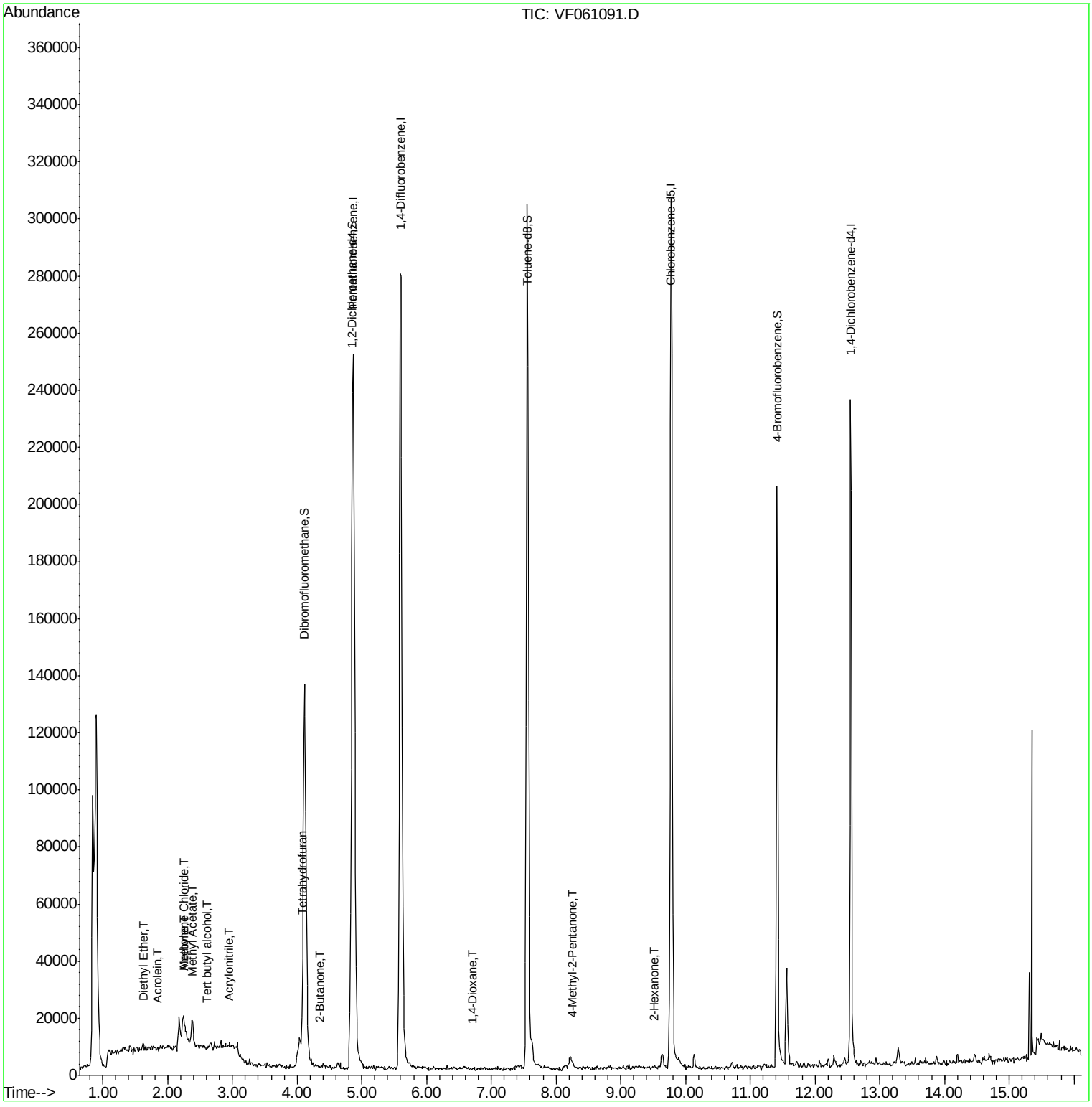
(#) = qualifier out of range (m) = manual integration (+) = signals summed

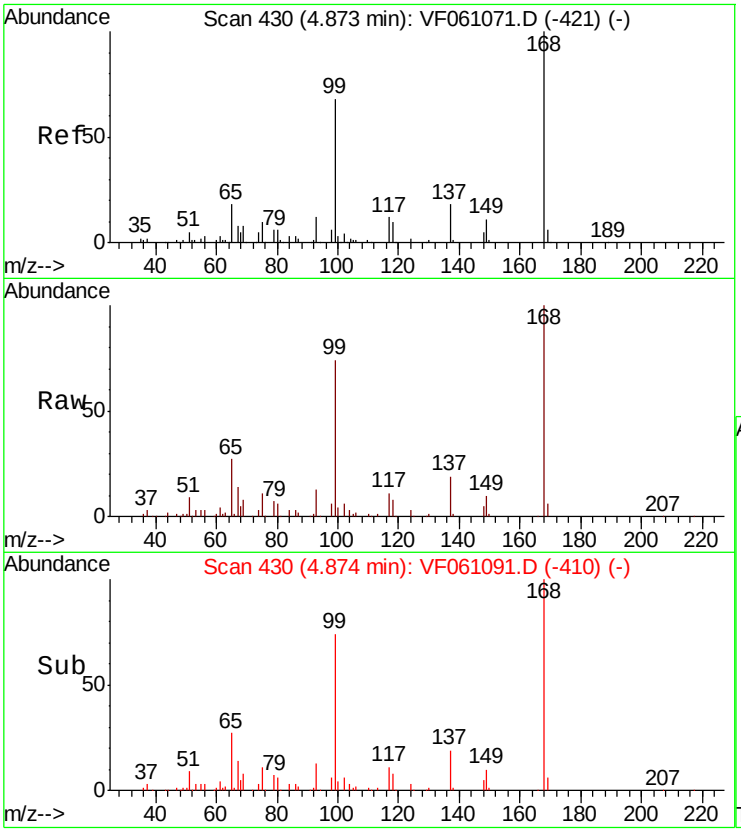
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121918\
Data File : VF061091.D
Acq On : 19 Dec 2018 18:08
Operator : VA/AP
Sample : J6388-13
Misc : 5.63g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:24:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



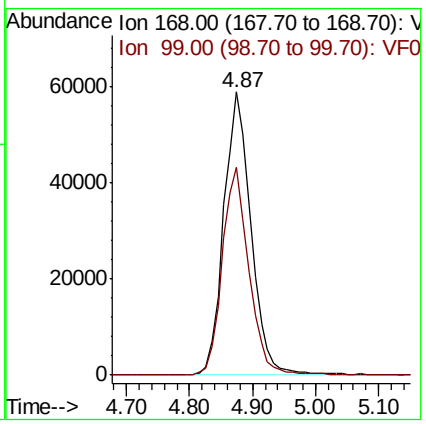


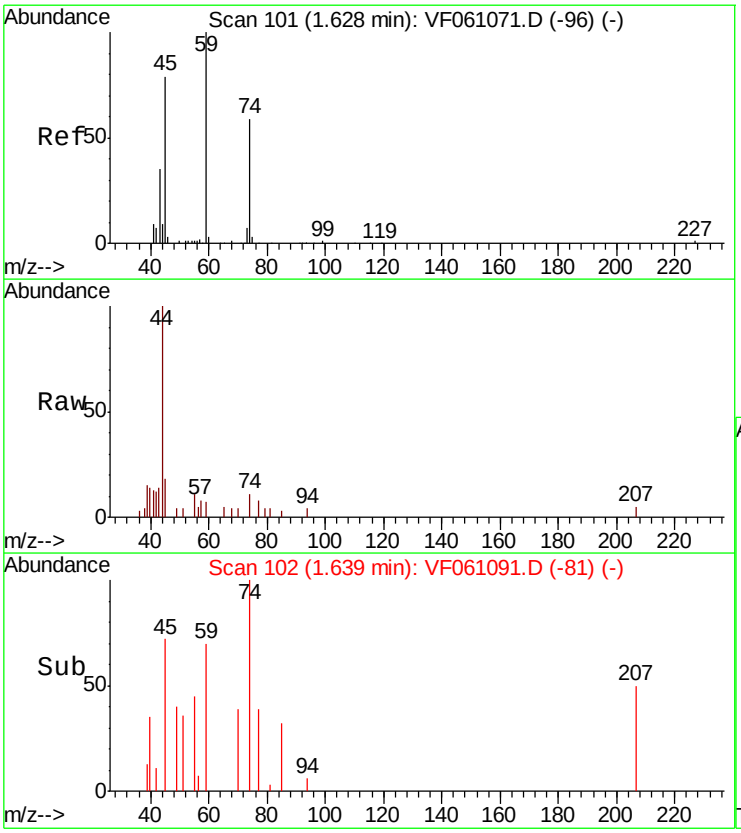
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 175866

Ion	Ratio	Lower	Upper
168	100		
99	73.6	54.4	81.6

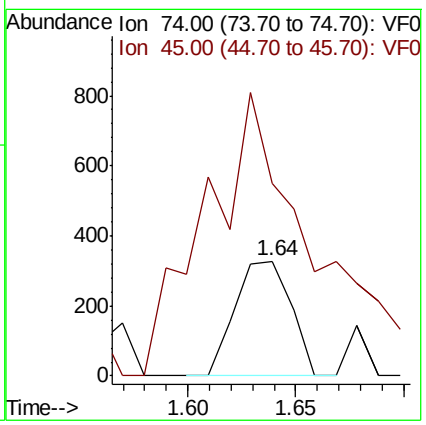


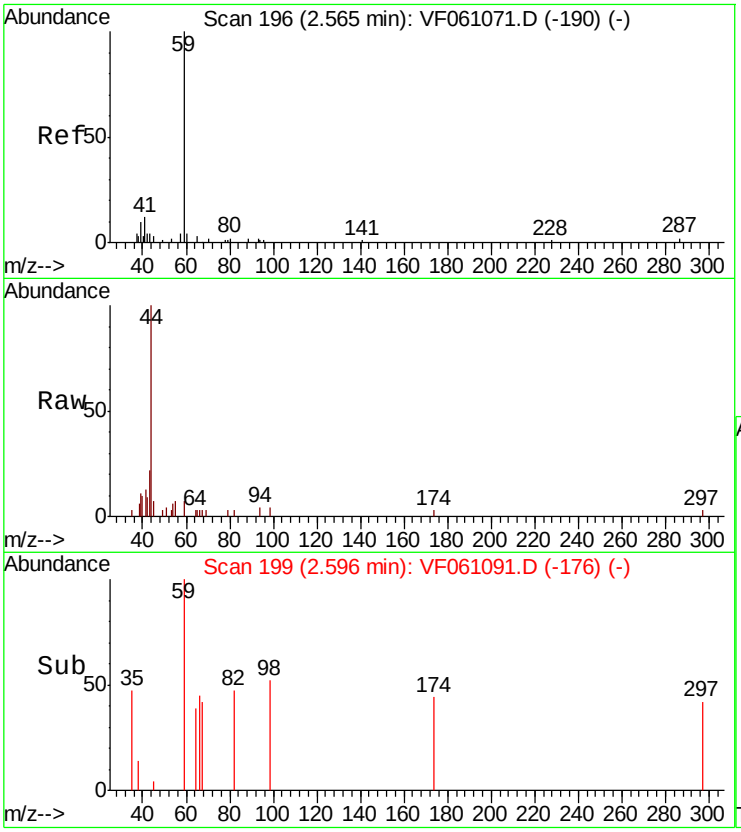


#8
Diethyl Ether
Concen: 1.079 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 74 Resp: 586

Ion	Ratio	Lower	Upper
74	100		
45	168.2	67.8	203.4



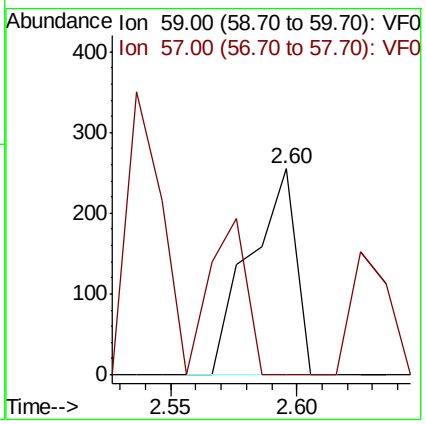


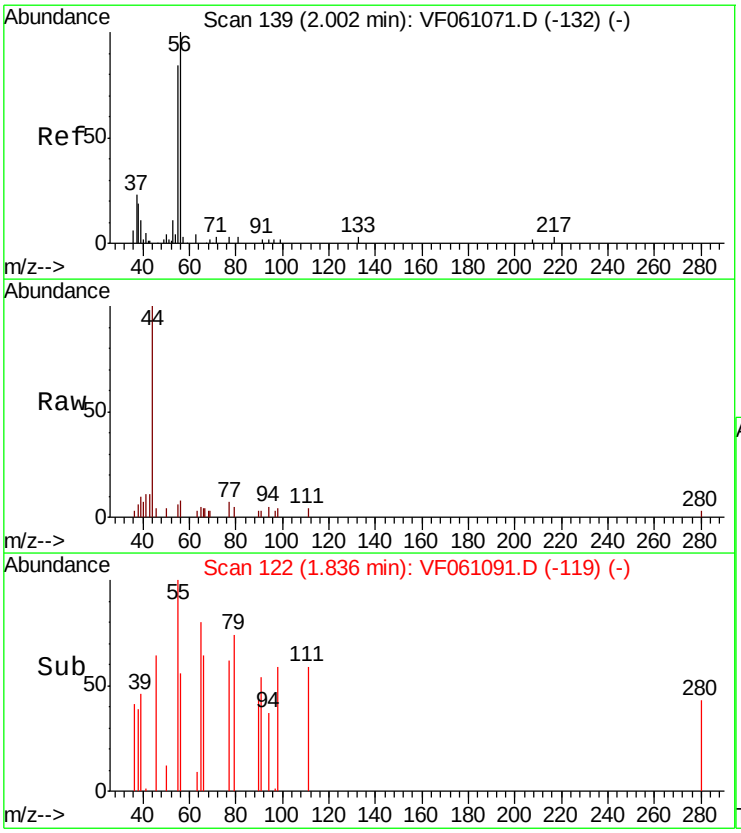
#11
Tert butyl alcohol
Concen: 3.571 ug/l
RT: 2.60 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 326

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#

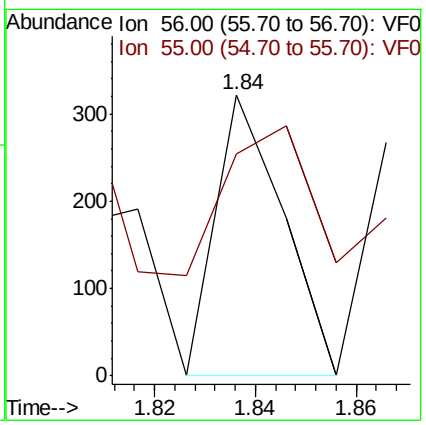


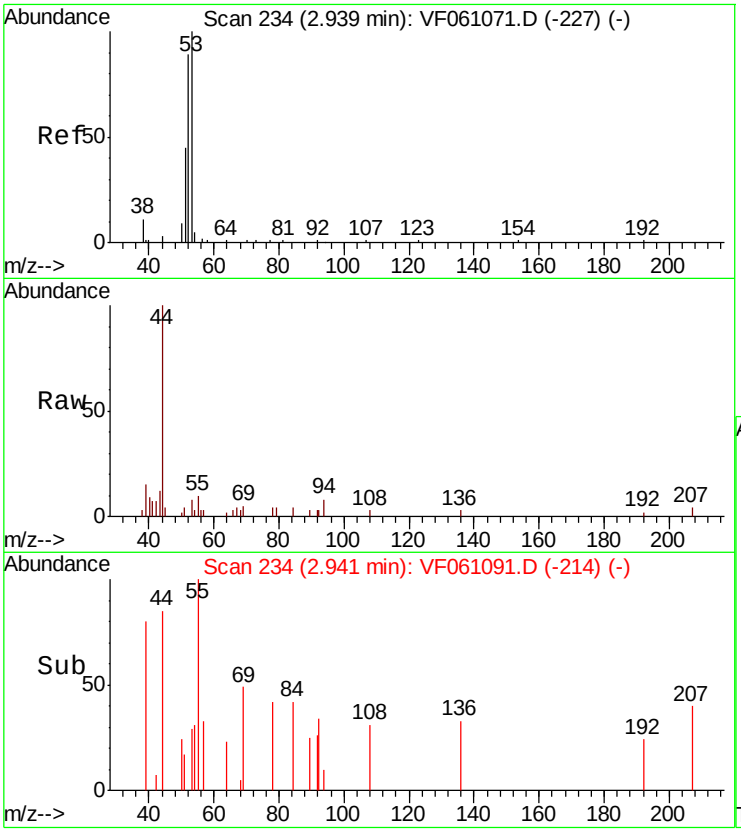


#13
Acrolein
Concen: 4.518 ug/l
RT: 1.84 min Scan# 122
Delta R.T. -0.17 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 56 Resp: 298

Ion	Ratio	Lower	Upper
56	100		
55	78.9	70.2	105.2



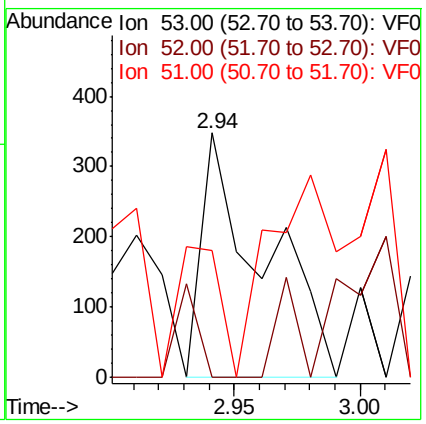


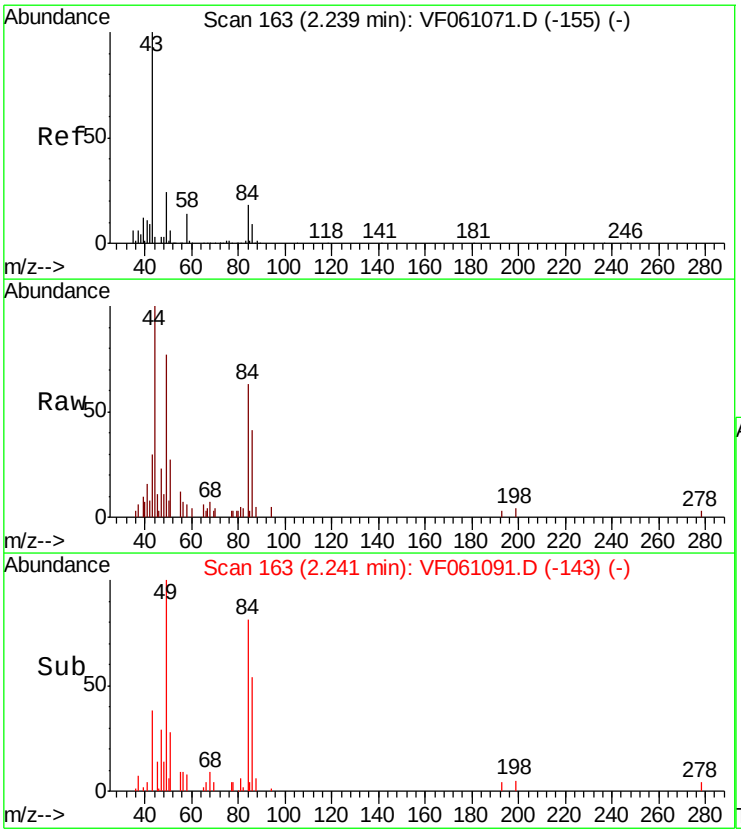
#15
Acrylonitrile
Concen: 2.805 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 592

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	51.7	36.8	55.2

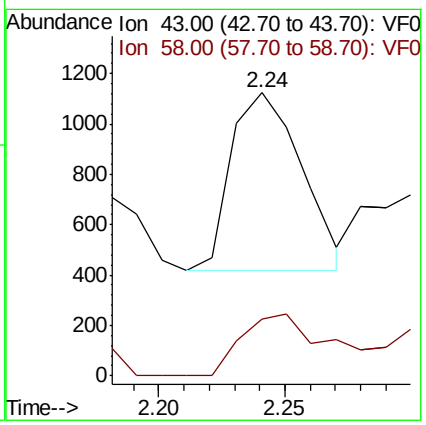


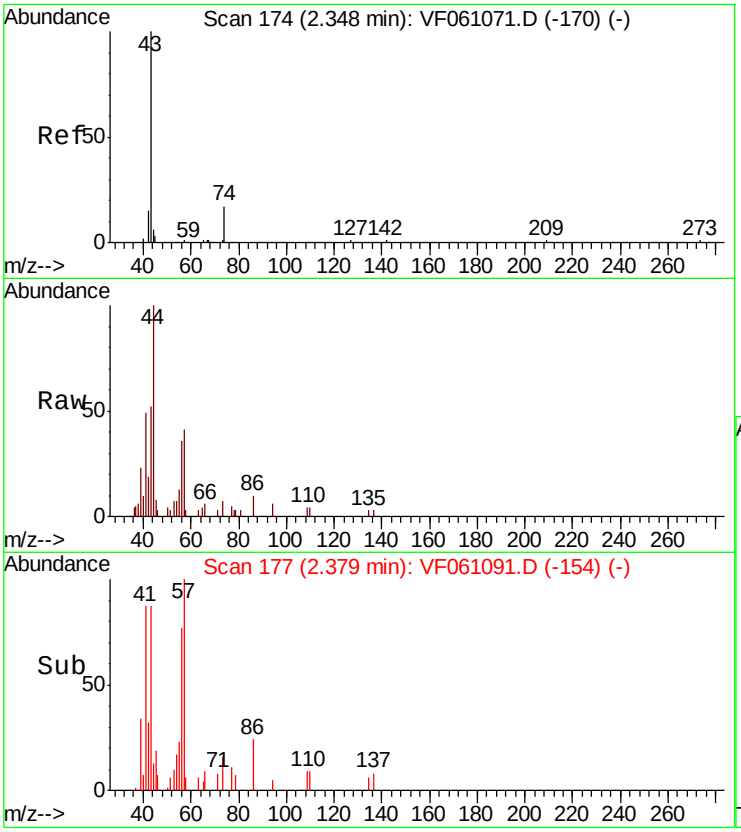


#16
Acetone
Concen: 3.058 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 43 Resp: 1383

Ion	Ratio	Lower	Upper
43	100		
58	19.9	11.1	16.7#



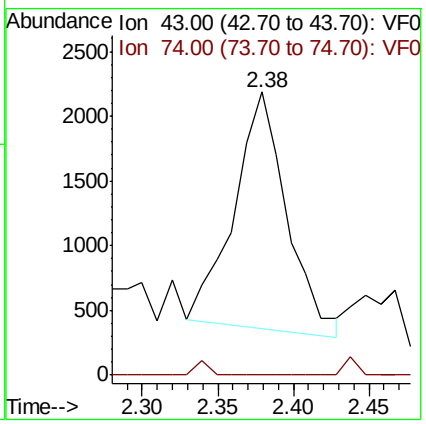


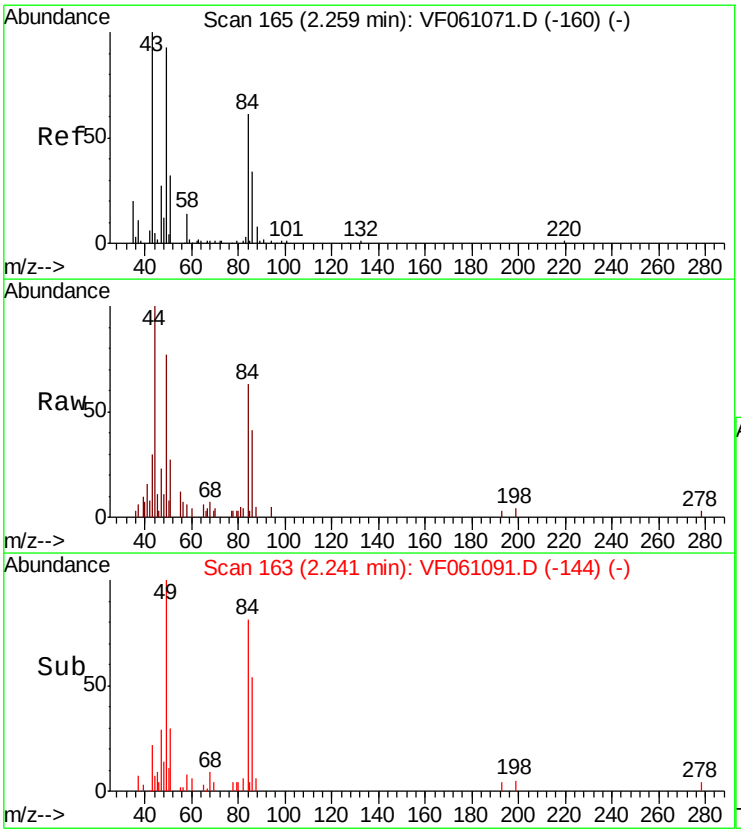
#18
Methyl Acetate
Concen: 4.724 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4419

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

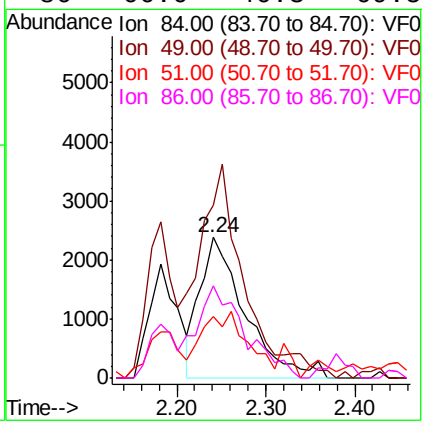


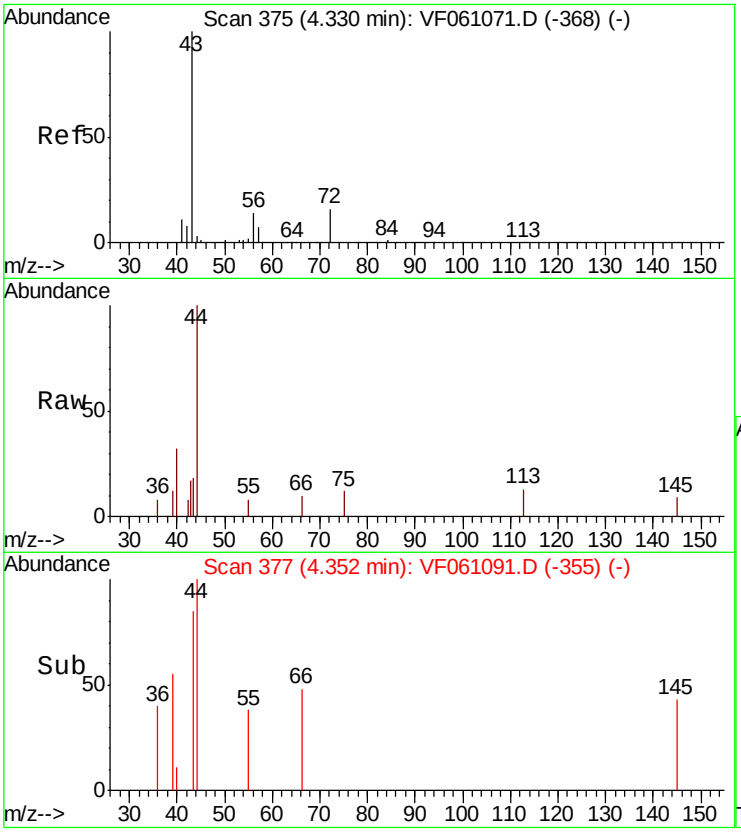


#20
Methylene Chloride
Concen: 1.429 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 84 Resp: 8370

Ion	Ratio	Lower	Upper
84	100		
49	122.9	129.4	194.2#
51	43.8	44.0	66.0#
86	66.0	46.3	69.5



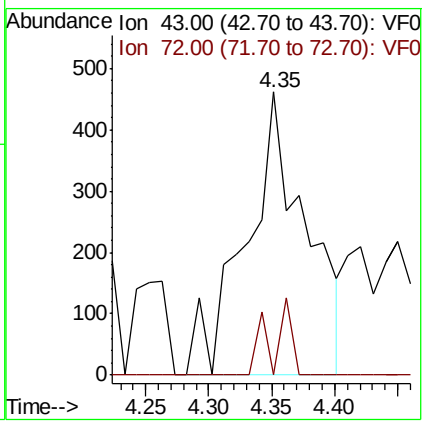


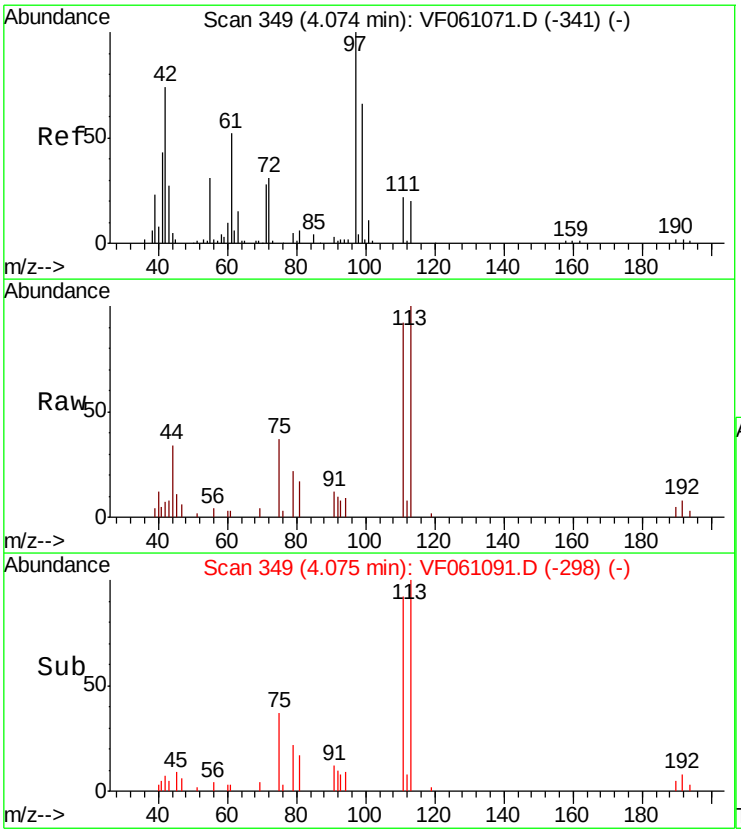
#25
2-Butanone
Concen: 2.084 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1528

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#

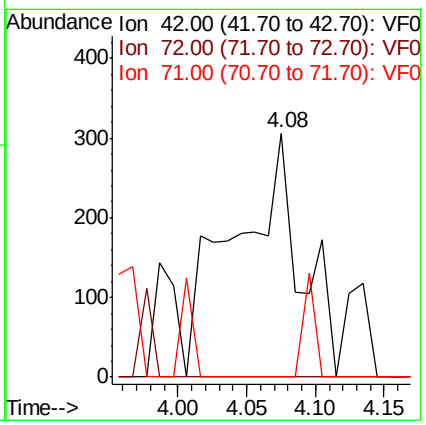


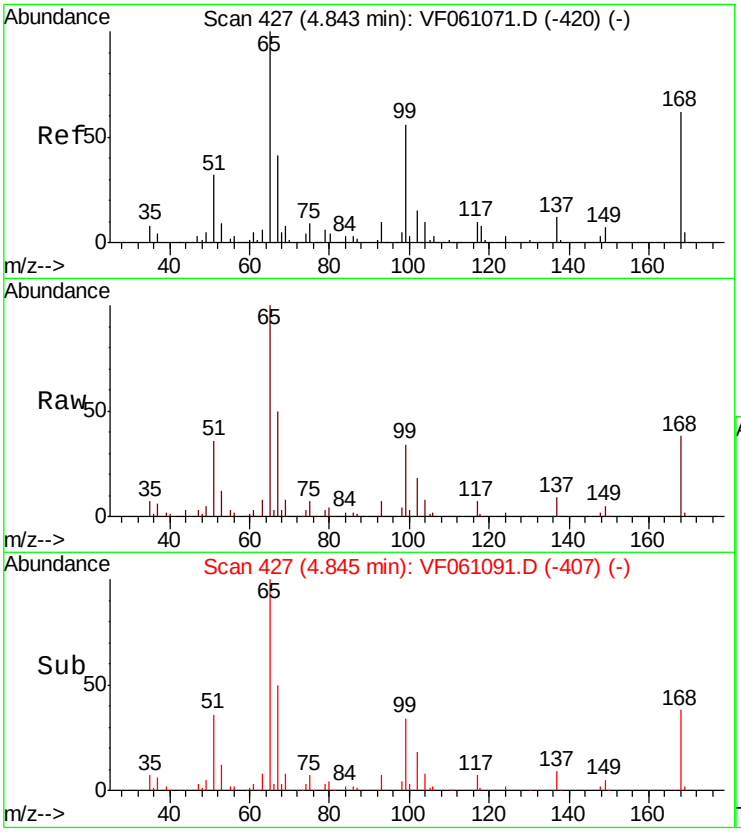


#29
Tetrahydrofuran
Concen: 3.464 ug/l
RT: 4.08 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 42 Resp: 1034

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	7.5	29.7	44.5#



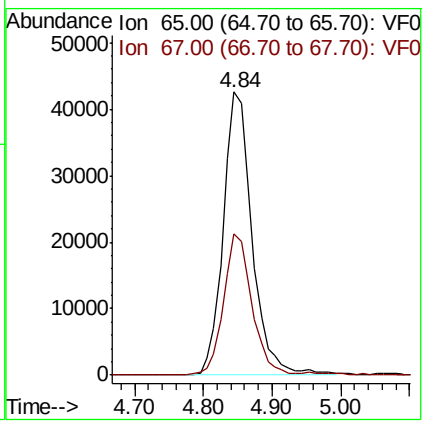


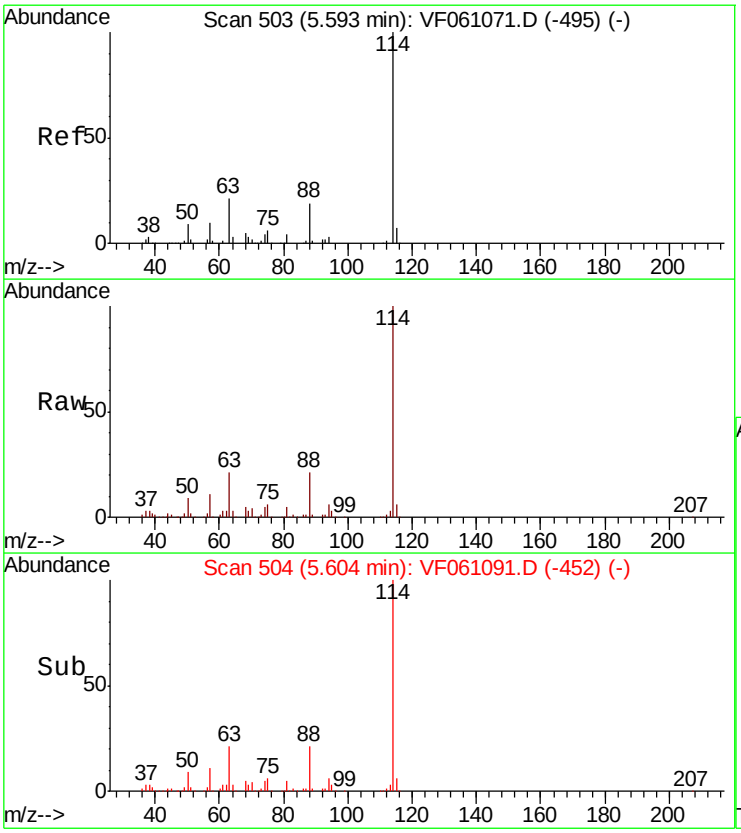
#33
1,2-Dichloroethane-d4
Concen: 54.661 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 123640

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	94.6

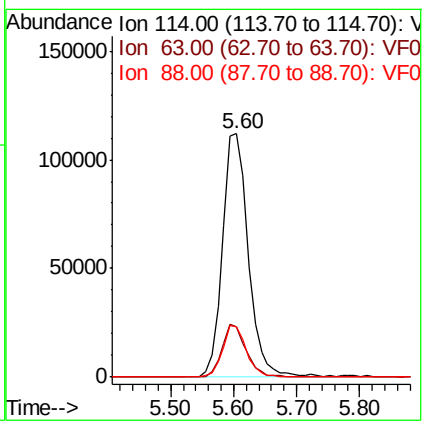


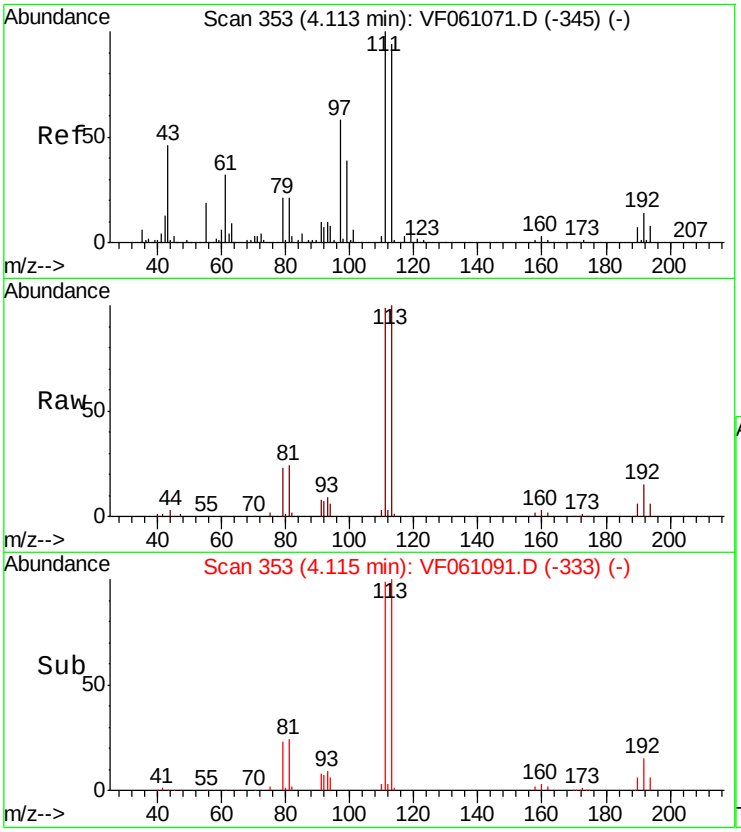


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion:114 Resp: 318482

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.6
88	20.7	0.0	38.0



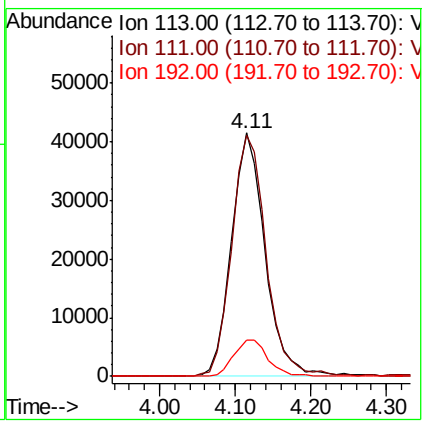


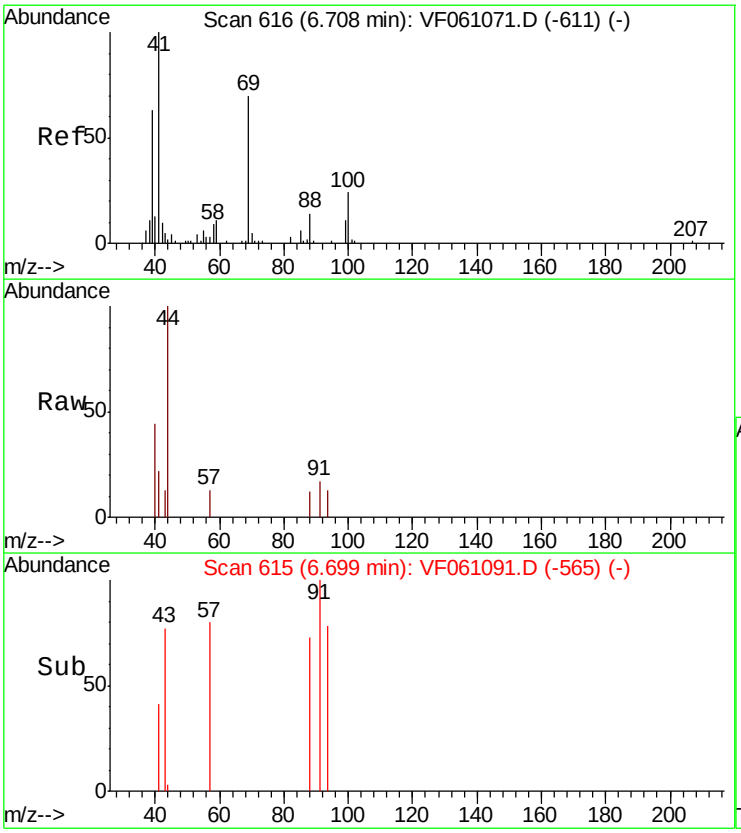
#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 127224

Ion	Ratio	Lower	Upper
113	100		
111	99.2	85.2	127.8
192	15.1	12.8	19.2

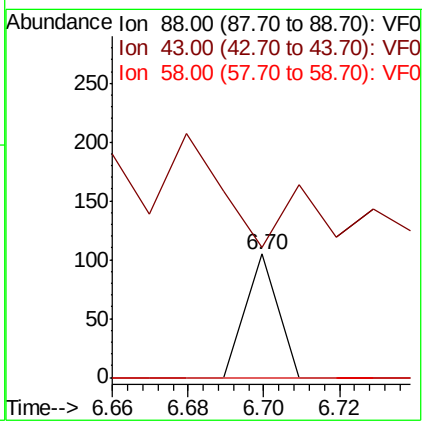


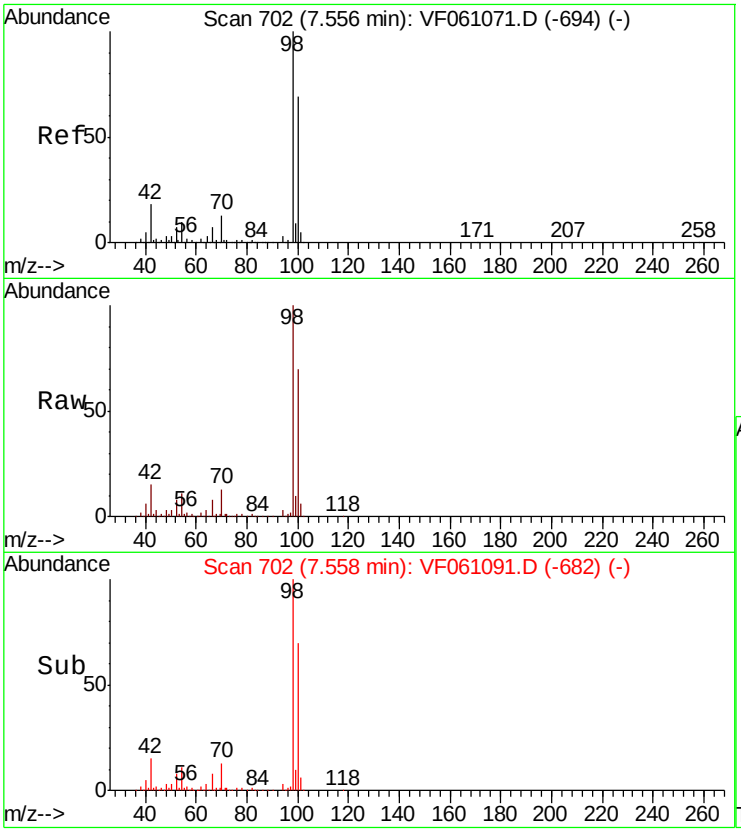


#49
1,4-Dioxane
Concen: 6.594 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.01 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	104.8	33.3	49.9#
58	0.0	53.2	79.8#



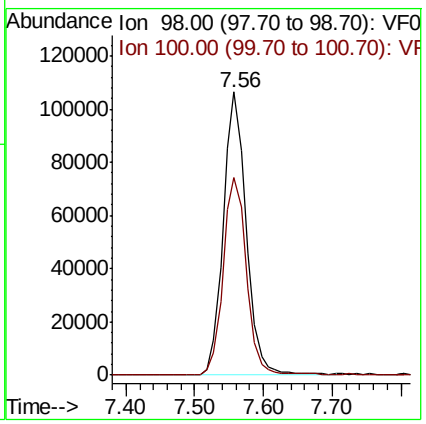


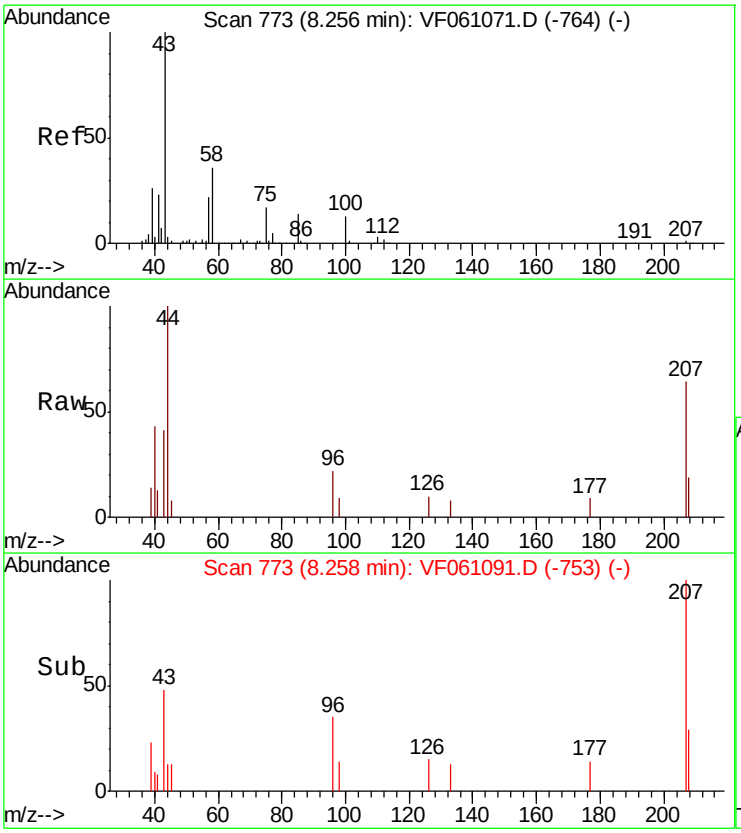
#50
Toluene-d8
Concen: 34.052 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 246193

Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.3	82.9

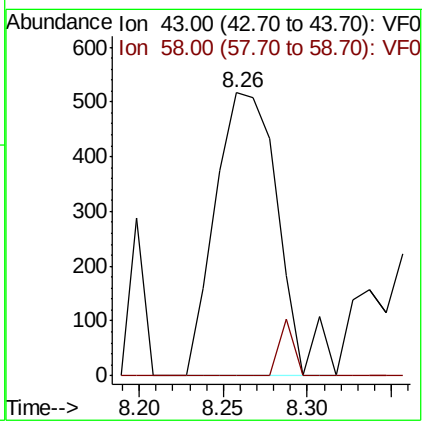


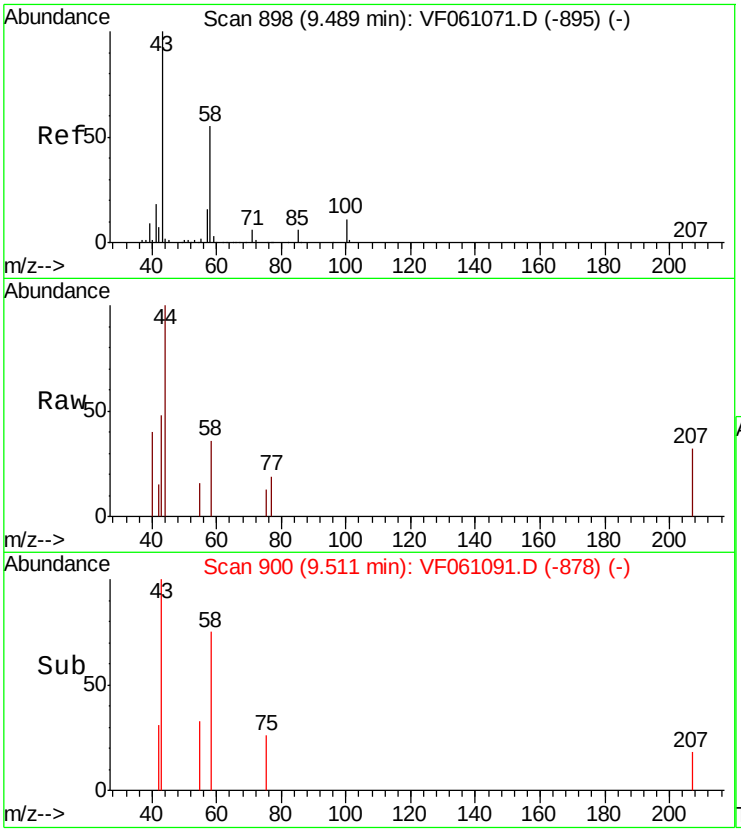


#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 8.26 min Scan# 773
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 43 Resp: 1351

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#



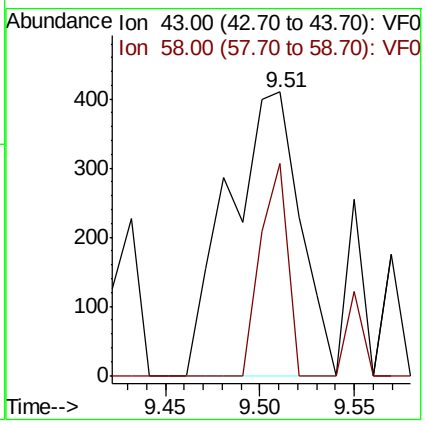


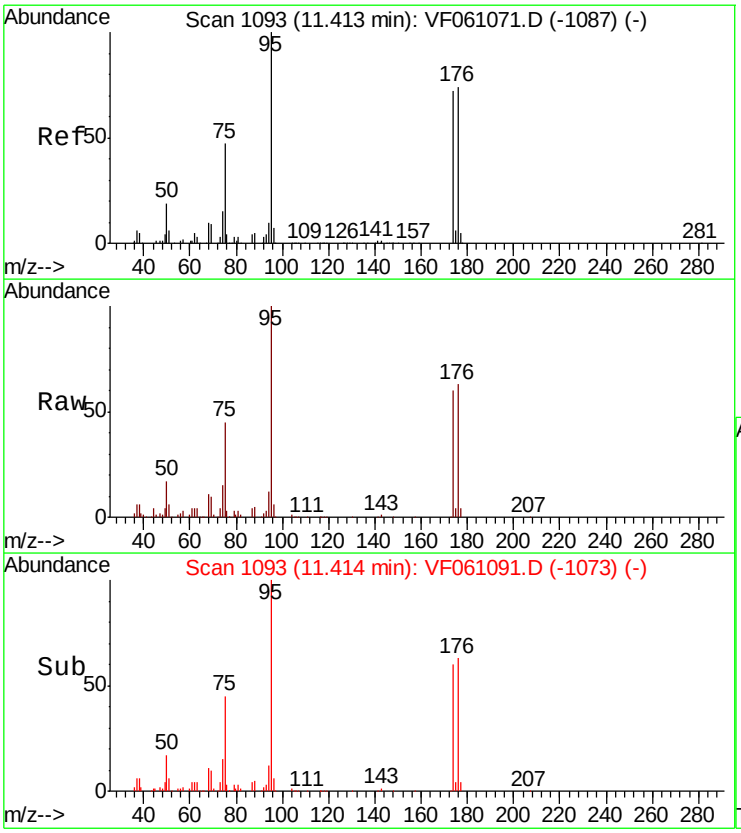
#59
2-Hexanone
Concen: 1.168 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1075

Ion	Ratio	Lower	Upper
43	100		
58	74.6	25.1	75.2

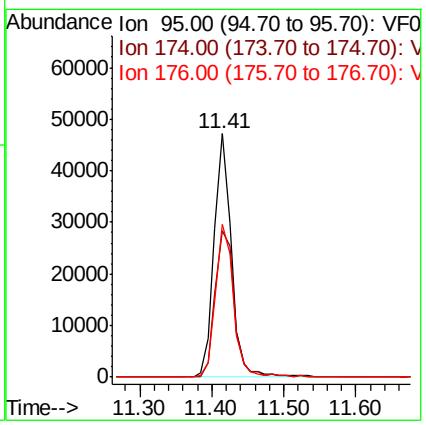


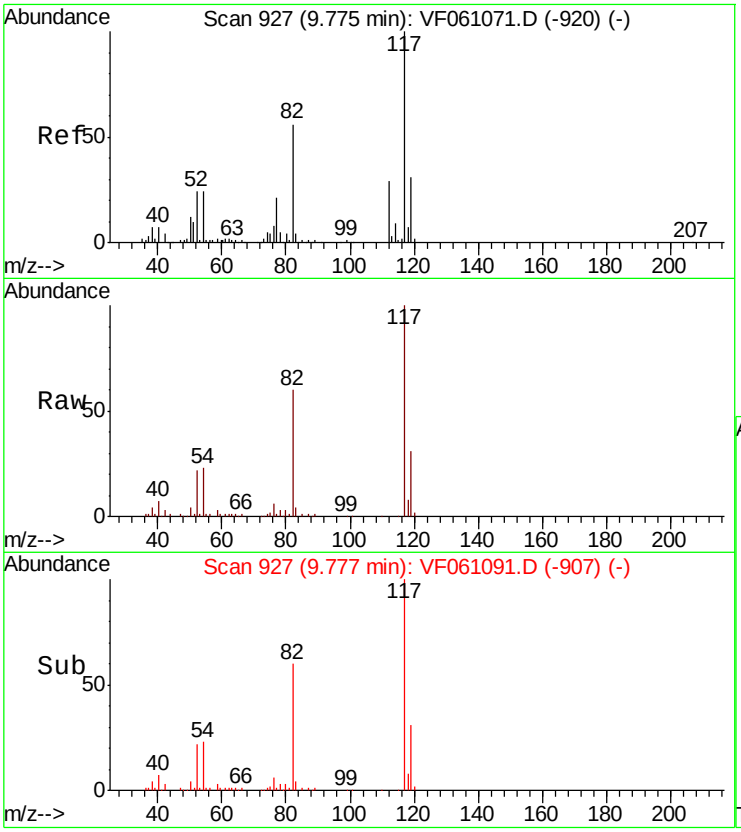


#62
4-Bromofluorobenzene
Concen: 23.201 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion: 95 Resp: 77329

Ion	Ratio	Lower	Upper
95	100		
174	60.0	0.0	143.8
176	62.8	0.0	147.6



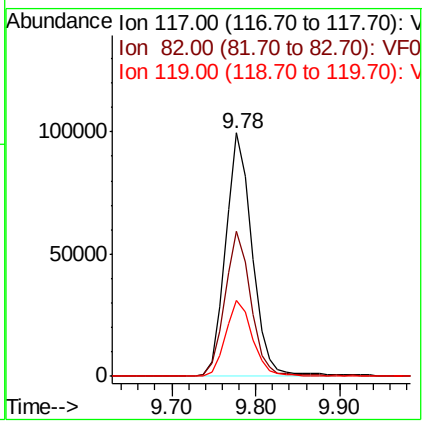


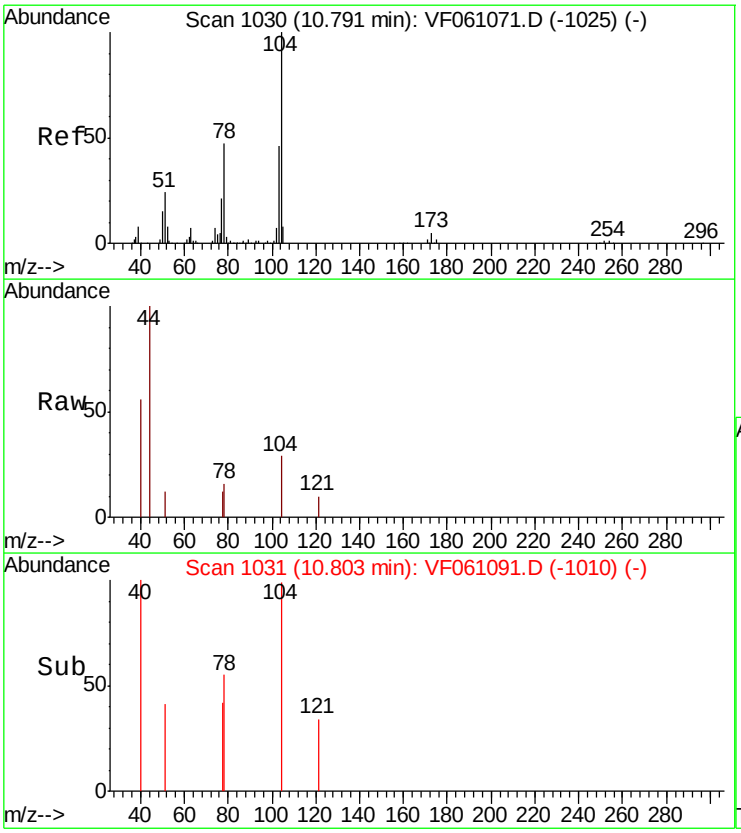
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 217908

Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.0	67.4
119	31.3	24.8	37.2

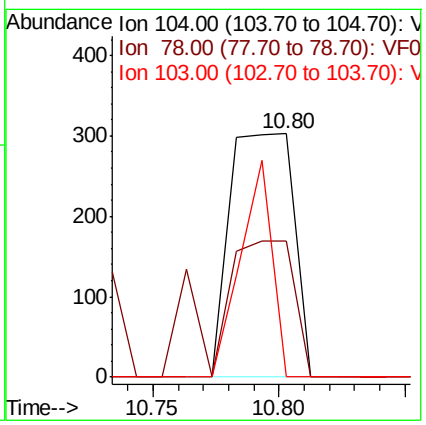


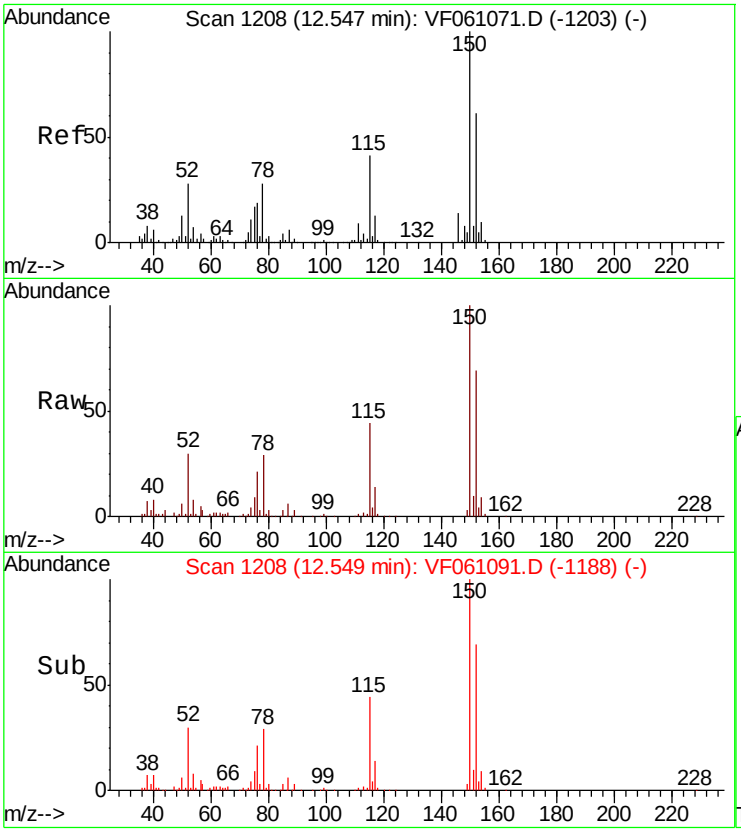


#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion:104 Resp: 534

Ion	Ratio	Lower	Upper
104	100		
78	55.8	38.4	57.6
103	0.0	37.0	55.6#



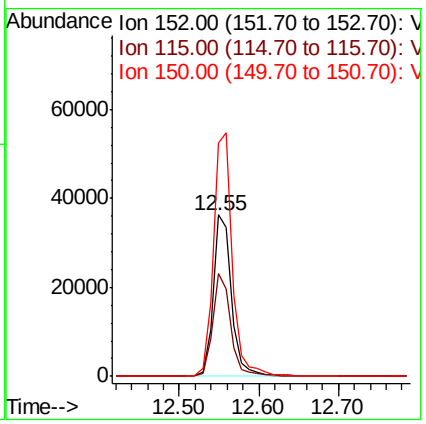


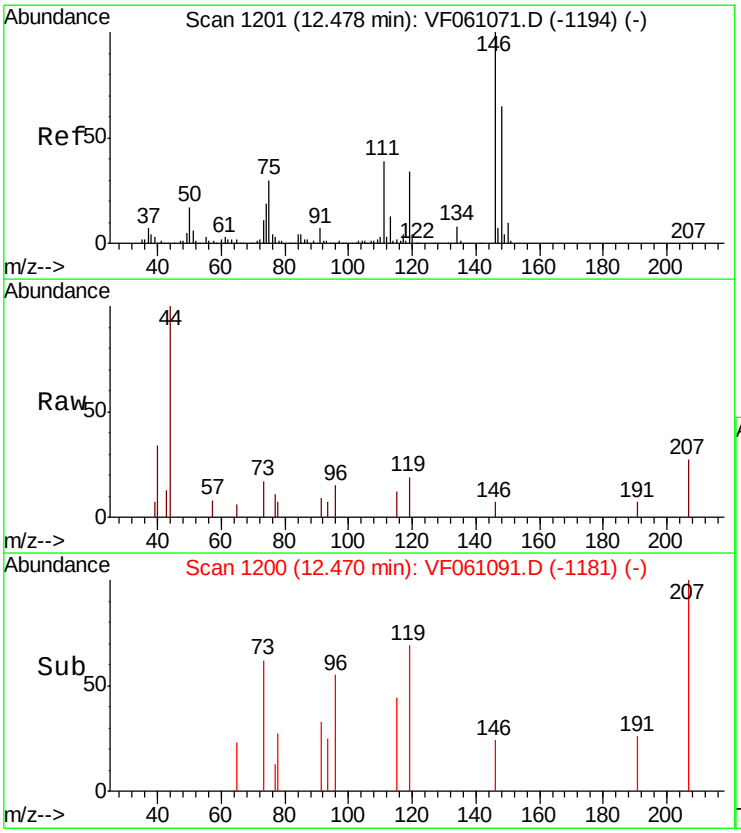
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 58584

Ion	Ratio	Lower	Upper
152	100		
115	63.6	33.3	99.9
150	144.6	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF061091.D
Acq: 19 Dec 2018 18:08

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	32.4	97.2#