Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062713.D
Acq On : 22 May 2019 18:42
Operator : FY/SY
Sample : K3002-05RE
Misc : 5.05g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 23 01:24:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	727096	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1215634	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	763385	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	271619	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	241378	46.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.96%			
35) Dibromofluoromethane	4.30	113	460304	49.48	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.96%			
50) Toluene-d8	7.70	98	970833	43.71	ug/l	-0.02
Spiked Amount 50.000			Recovery = 87.42%			
62) 4-Bromofluorobenzene	11.48	95	251177	29.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 59.64%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.70	59	717	2.114	ug/l #	28
13) Acrolein	2.13	56	1575	4.448	ug/l	99
16) Acetone	2.21	43	1690	1.268	ug/l	92
20) Methylene Chloride	2.33	84	18560	2.778	ug/l #	89
29) Tetrahydrofuran	4.26	42	1370	1.189	ug/l #	43
49) 1,4-Dioxane	6.87	88	626	14.192	ug/l #	40
56) Ethyl methacrylate	8.74	69	12083	1.925	ug/l #	67
59) 2-Hexanone	9.62	43	3503	Below Cal		84
68) m/p-Xylenes	10.24	106	12896	1.317	ug/l	80
74) N-amyl acetate	11.34	43	18377	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	11.74	83	11531	2.898	ug/l #	68
80) 1,3,5-Trimethylbenzene	11.89	105	52788	3.382	ug/l	89
84) 1,2,4-Trimethylbenzene	12.26	105	132689	8.783	ug/l	87
86) p-Isopropyltoluene	12.48	119	23260	1.299	ug/l	91
95) Naphthalene	14.48	128	20739	2.044	ug/l #	91

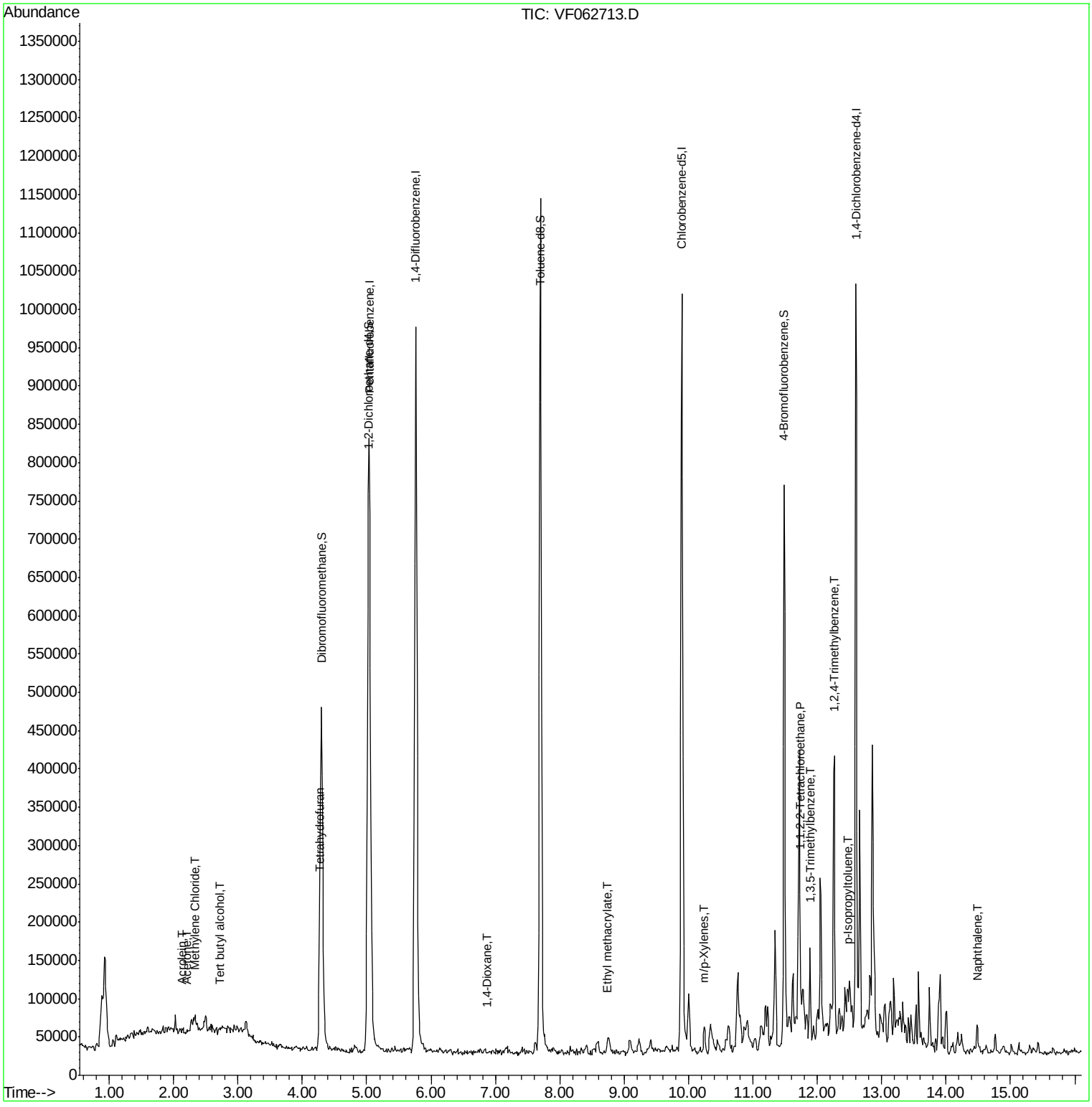
(#) = qualifier out of range (m) = manual integration (+) = signals summed

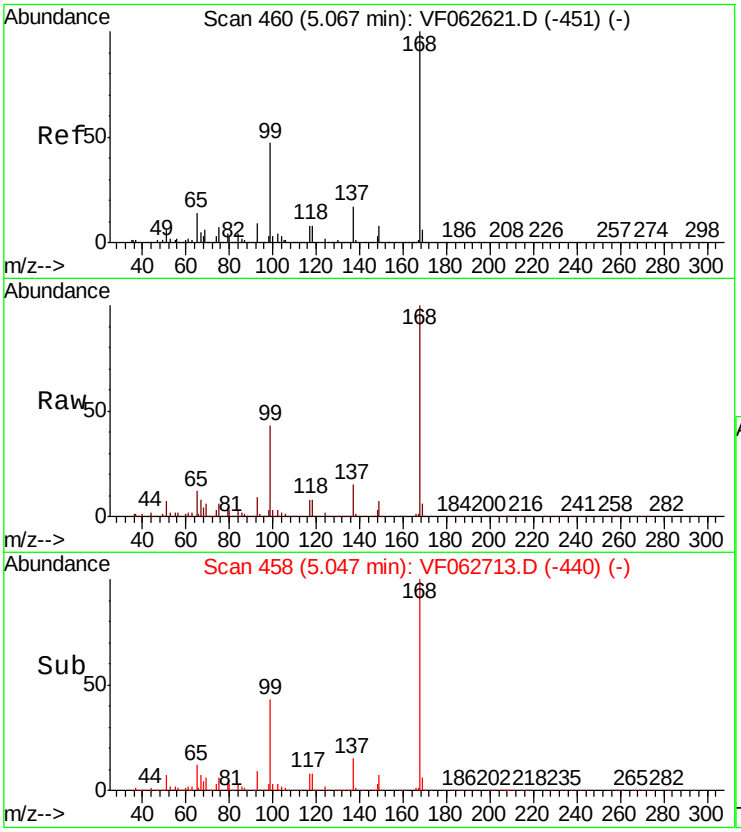
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052219\
Data File : VF062713.D
Acq On : 22 May 2019 18:42
Operator : FY/SY
Sample : K3002-05RE
Misc : 5.05g/5mL/MSVOA_F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 23 01:24:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



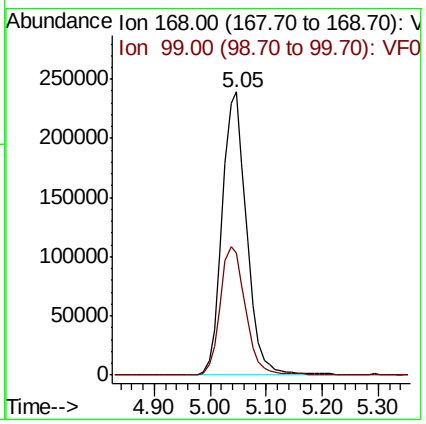


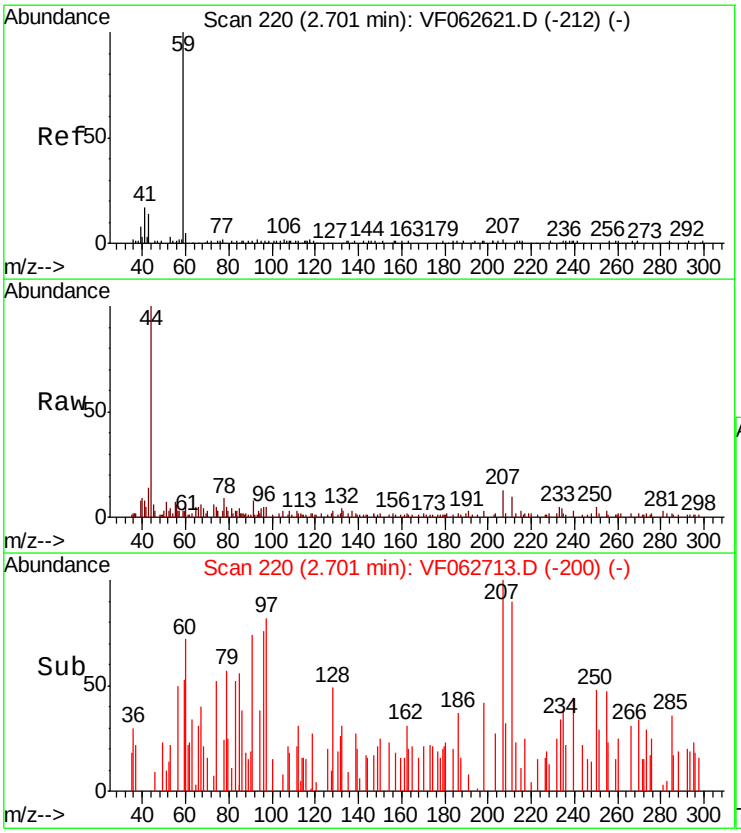
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 727096

Ion	Ratio	Lower	Upper
168	100		
99	43.2	37.8	56.8

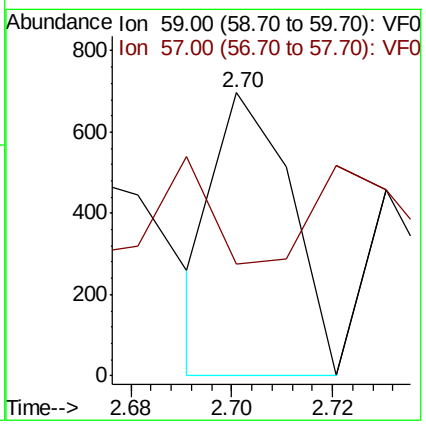


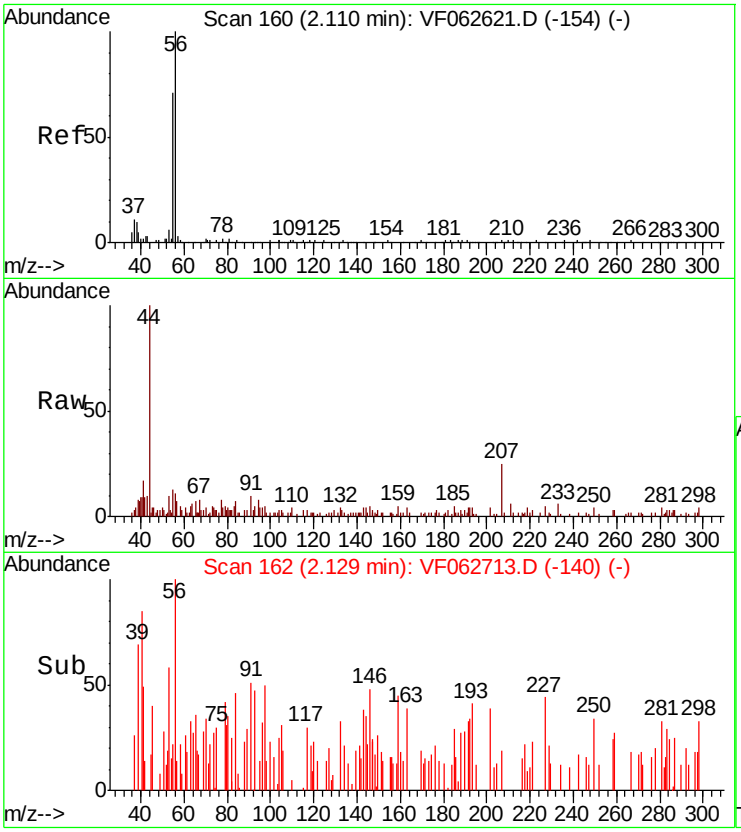


#11
Tert butyl alcohol
Concen: 2.114 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 59 Resp: 717

Ion	Ratio	Lower	Upper
59	100		
57	39.3	9.3	13.9#



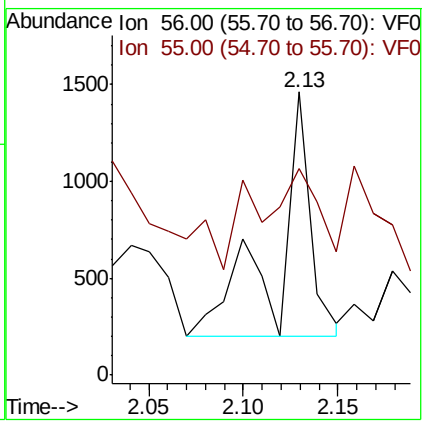


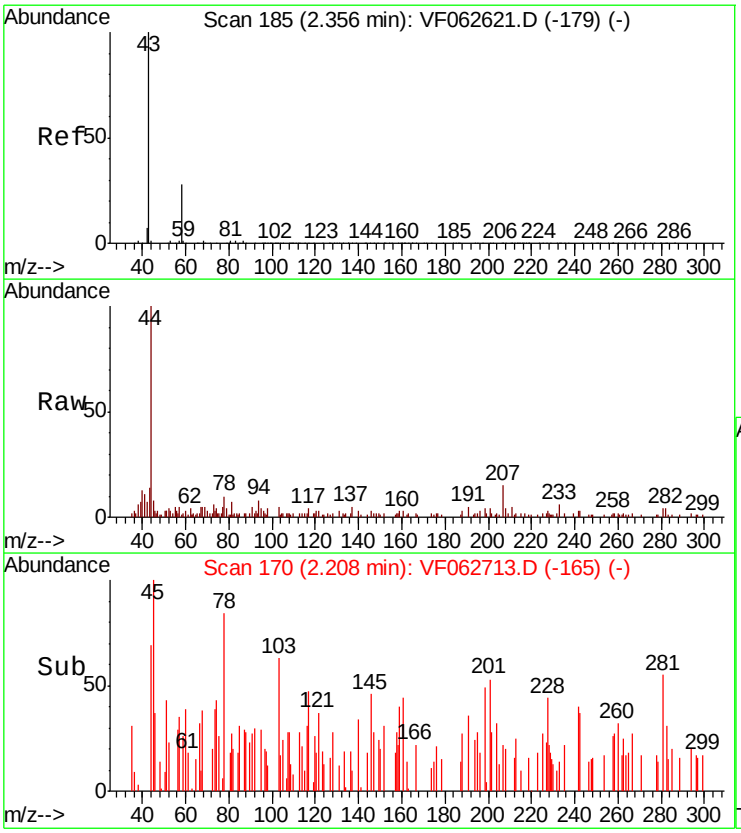
#13
Acrolein
Concen: 4.448 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 1575

Ion	Ratio	Lower	Upper
56	100		
55	73.1	59.4	89.0

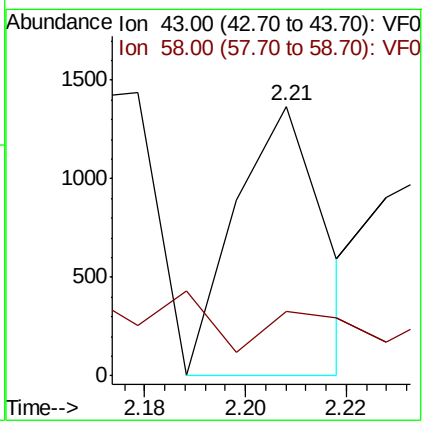


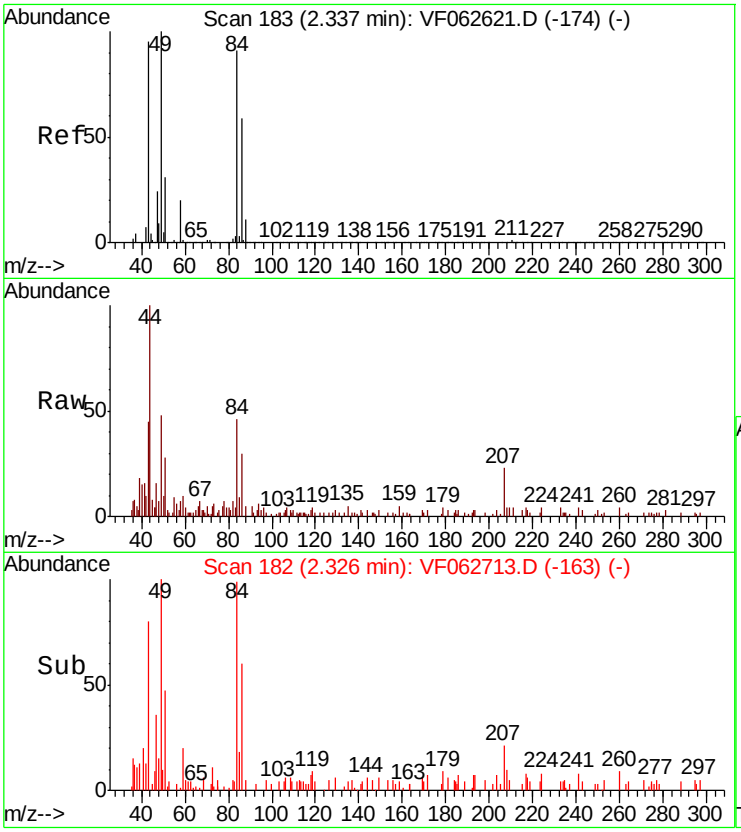


#16
Acetone
Concen: 1.268 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.15 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 43 Resp: 1690

Ion	Ratio	Lower	Upper
43	100		
58	23.8	22.6	33.8



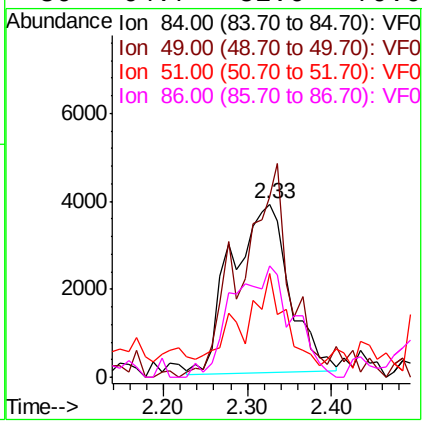


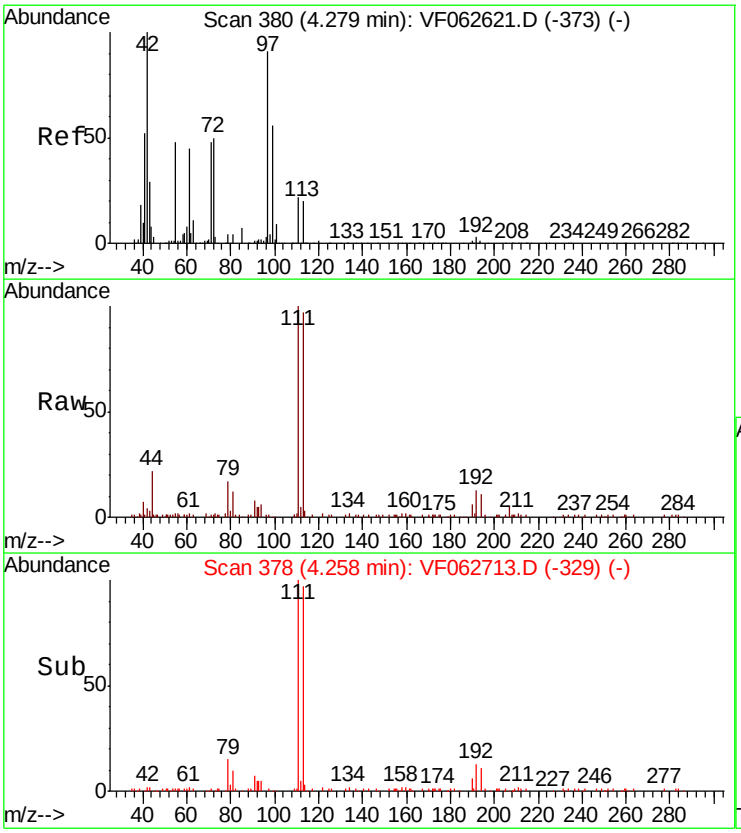
#20
Methylene Chloride
Concen: 2.778 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 18560

Ion	Ratio	Lower	Upper
84	100		
49	104.4	89.8	134.8
51	60.2	28.4	42.6#
86	64.7	52.6	79.0

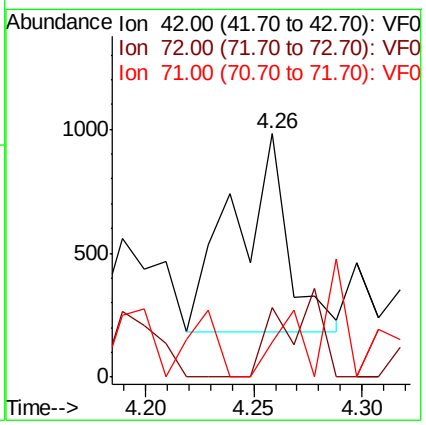


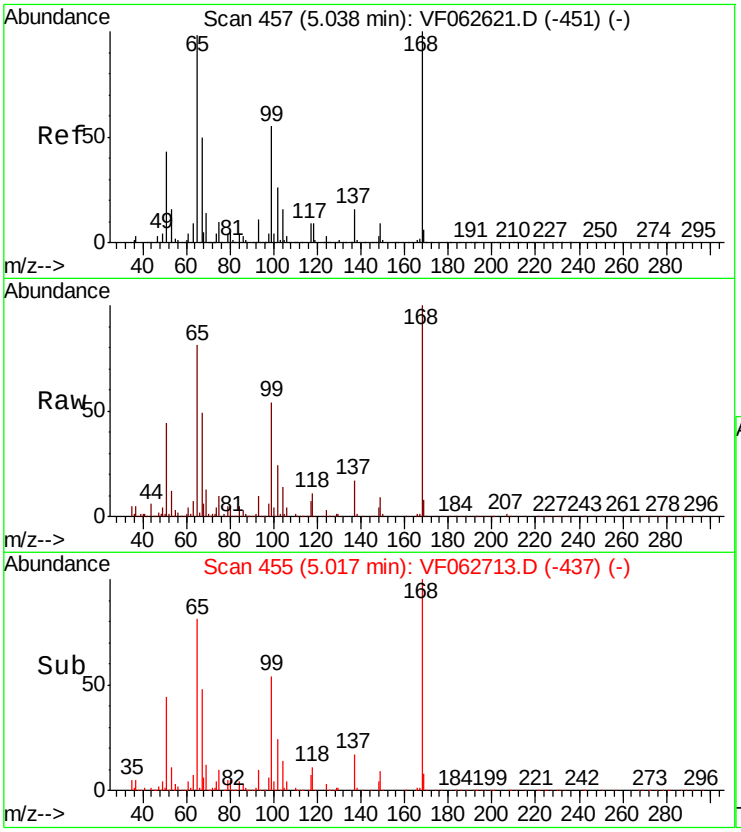


#29
Tetrahydrofuran
Concen: 1.189 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 42 Resp: 1370

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.2#
71	17.7	35.8	53.6#



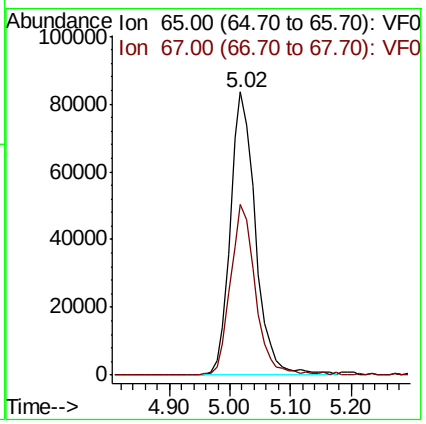


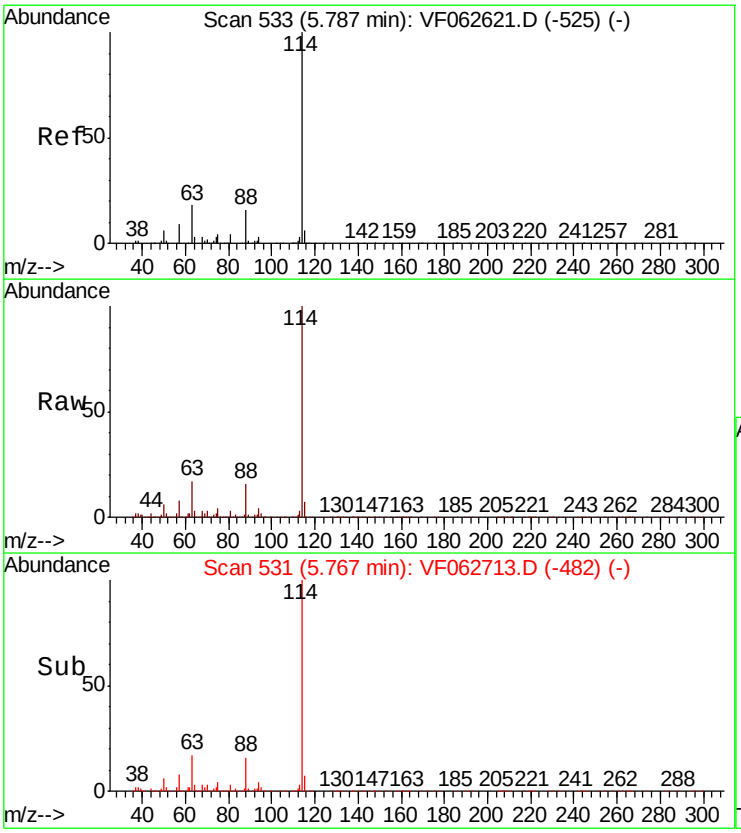
#33
1,2-Dichloroethane-d4
Concen: 46.979 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 241378

Ion	Ratio	Lower	Upper
65	100		
67	60.1	0.0	117.6

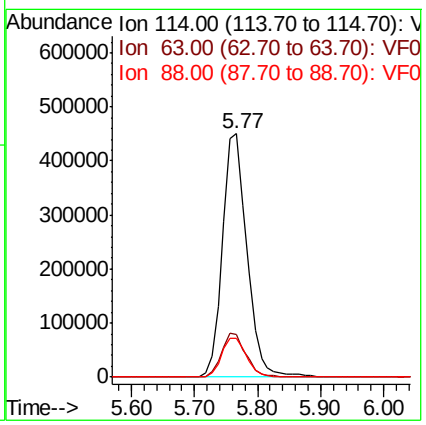


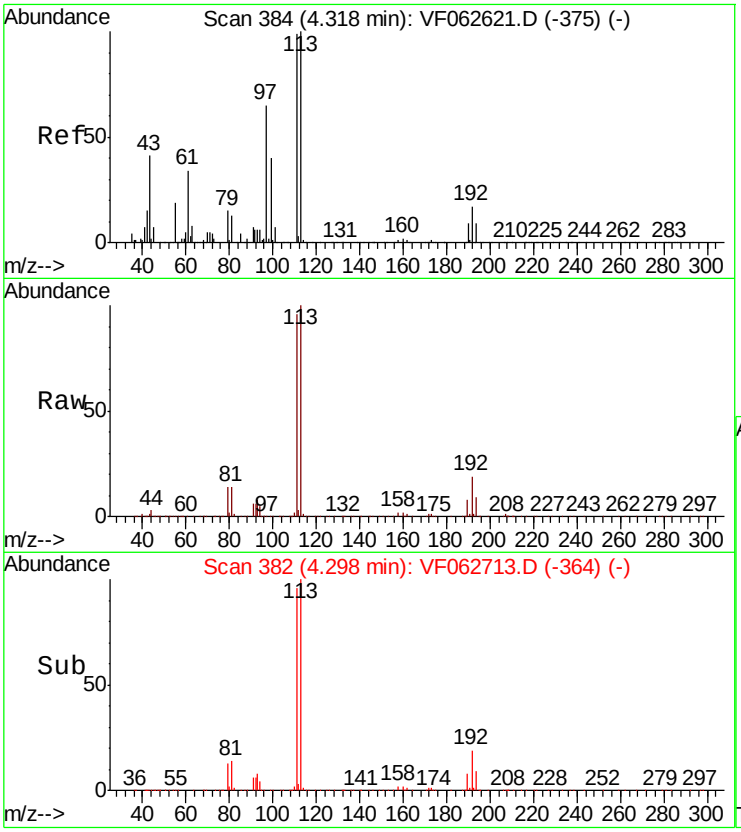


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 531
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion:114 Resp: 1215634

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.4
88	16.1	0.0	32.4



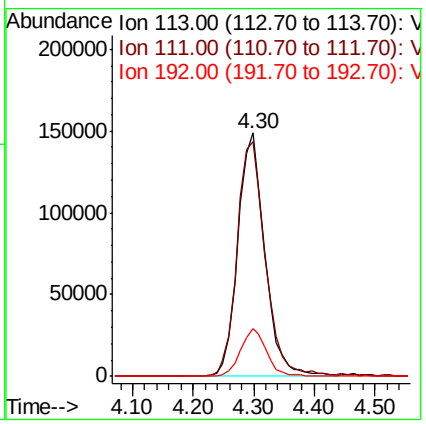


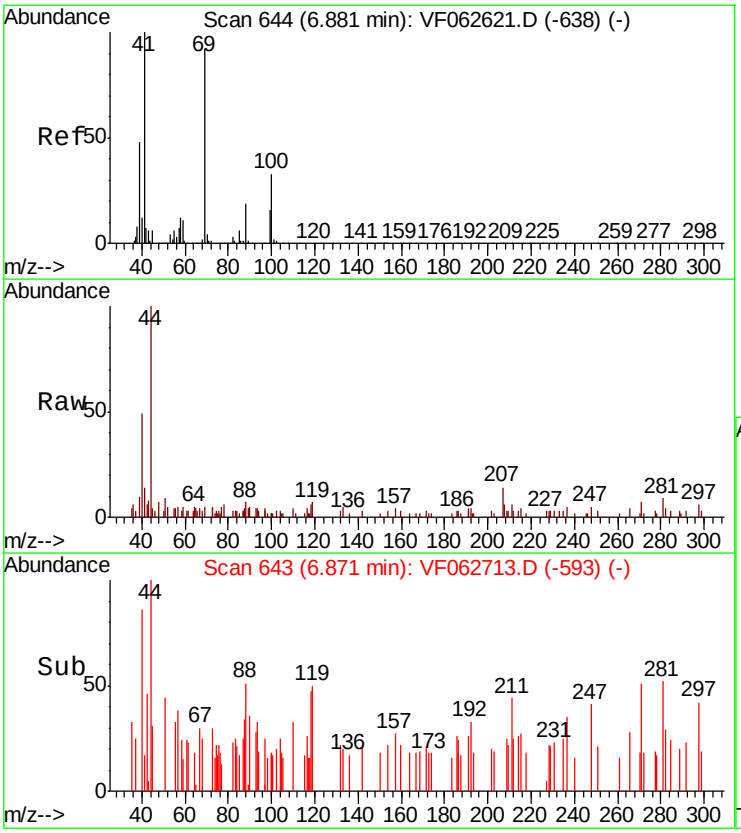
#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 460304

Ion	Ratio	Lower	Upper
113	100		
111	96.4	79.4	119.2
192	19.7	13.4	20.2

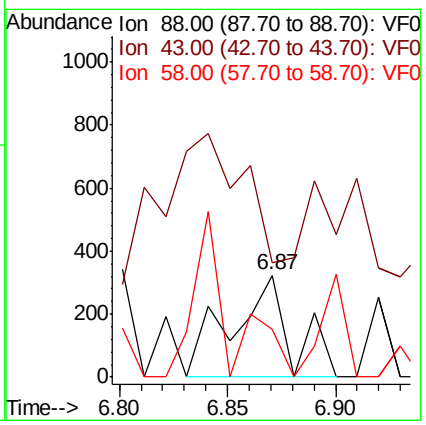


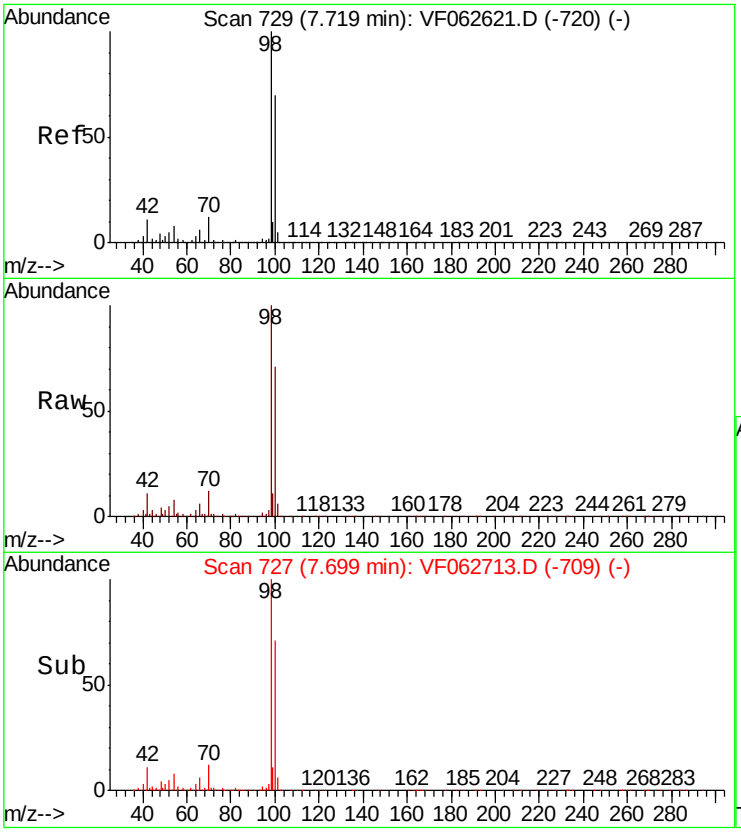


#49
1,4-Dioxane
Concen: 14.192 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 88 Resp: 626

Ion	Ratio	Lower	Upper
88	100		
43	112.7	30.0	45.0#
58	46.7	51.1	76.7#



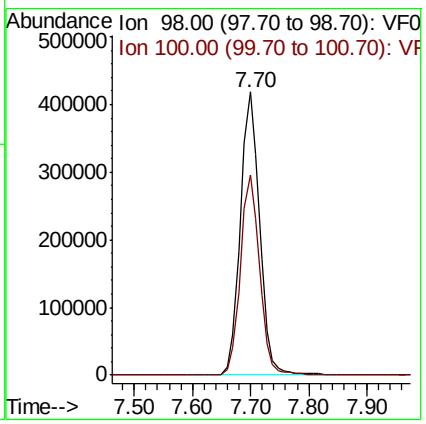


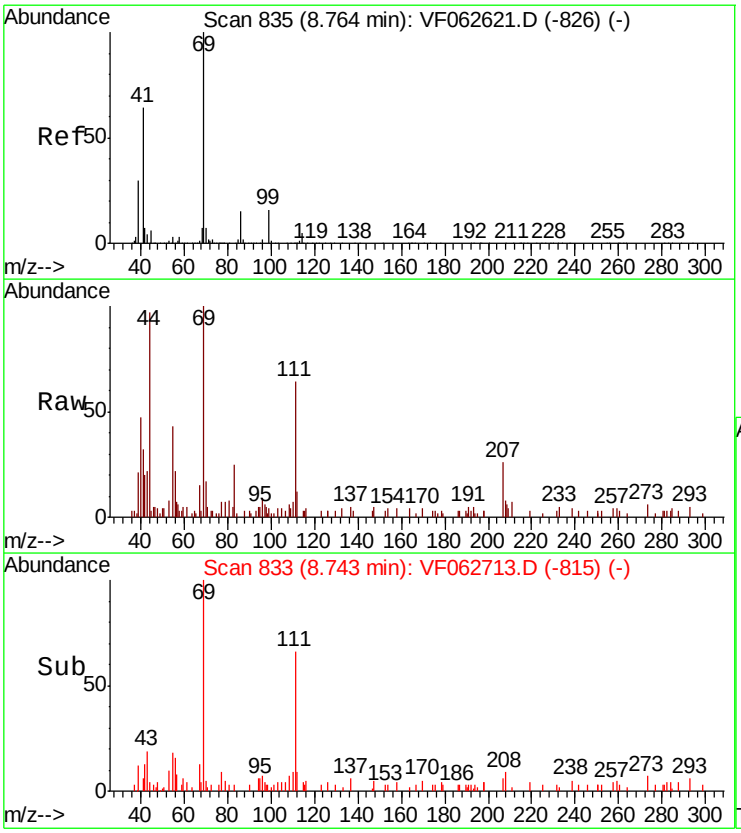
#50
Toluene-d8
Concen: 43.712 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 970833

Ion	Ratio	Lower	Upper
98	100		
100	70.8	56.2	84.2

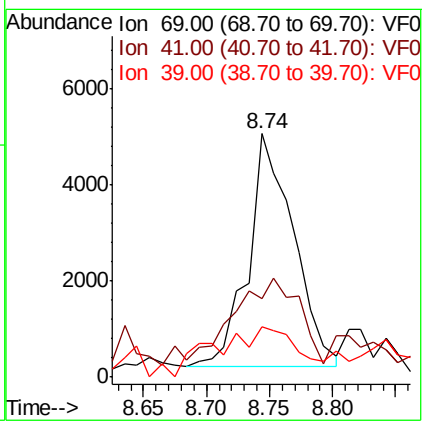


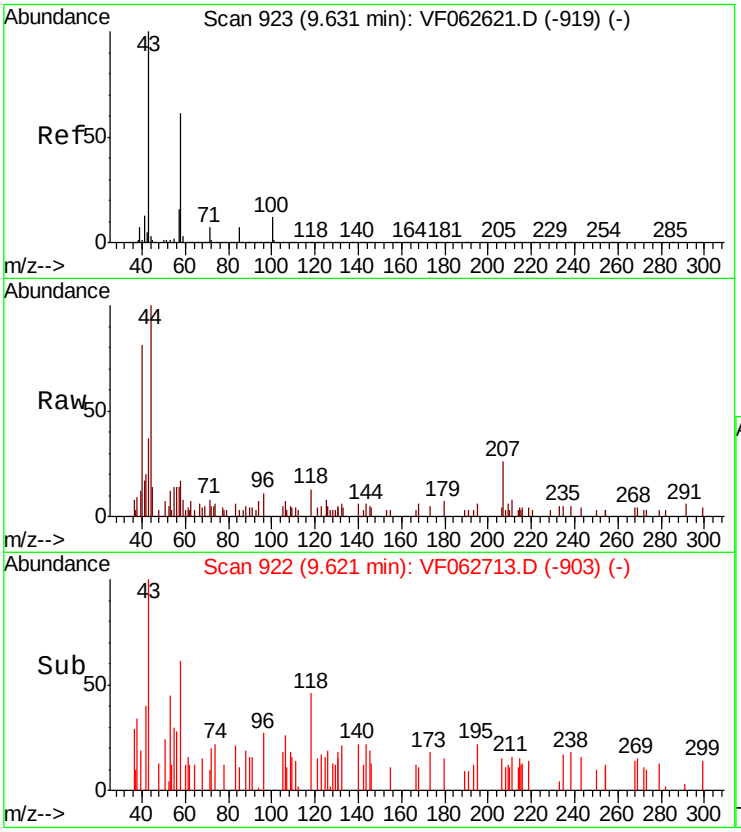


#56
Ethyl methacrylate
Concen: 1.925 ug/l
RT: 8.74 min Scan# 833
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 69 Resp: 12083

Ion	Ratio	Lower	Upper
69	100		
41	32.2	51.4	77.2#
39	20.8	23.6	35.4#



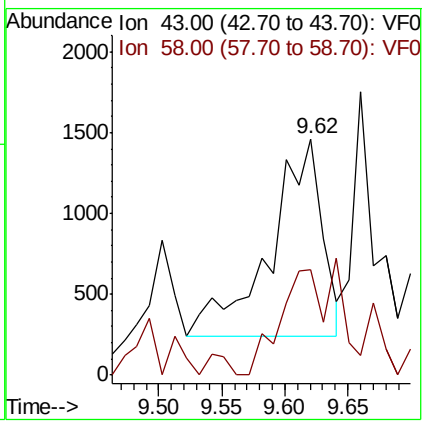


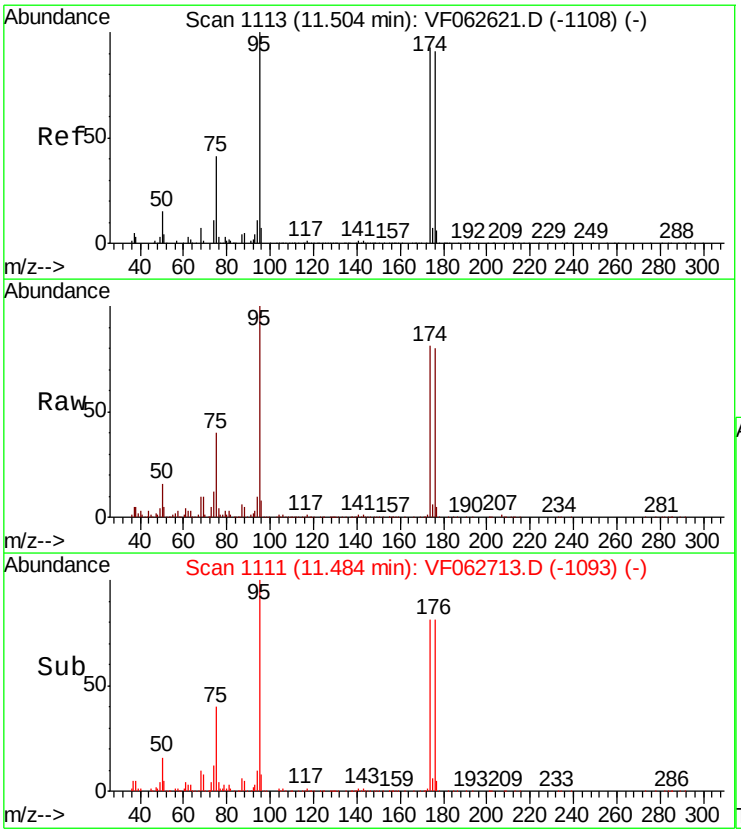
#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3503

Ion	Ratio	Lower	Upper
43	100		
58	44.5	28.1	84.4

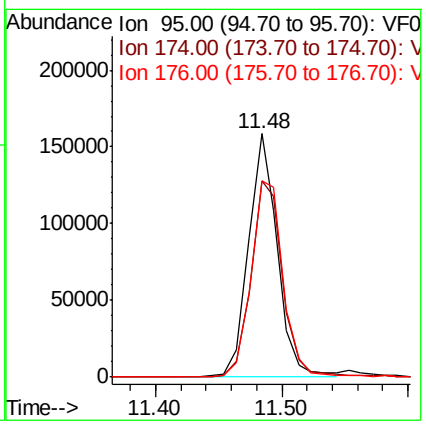


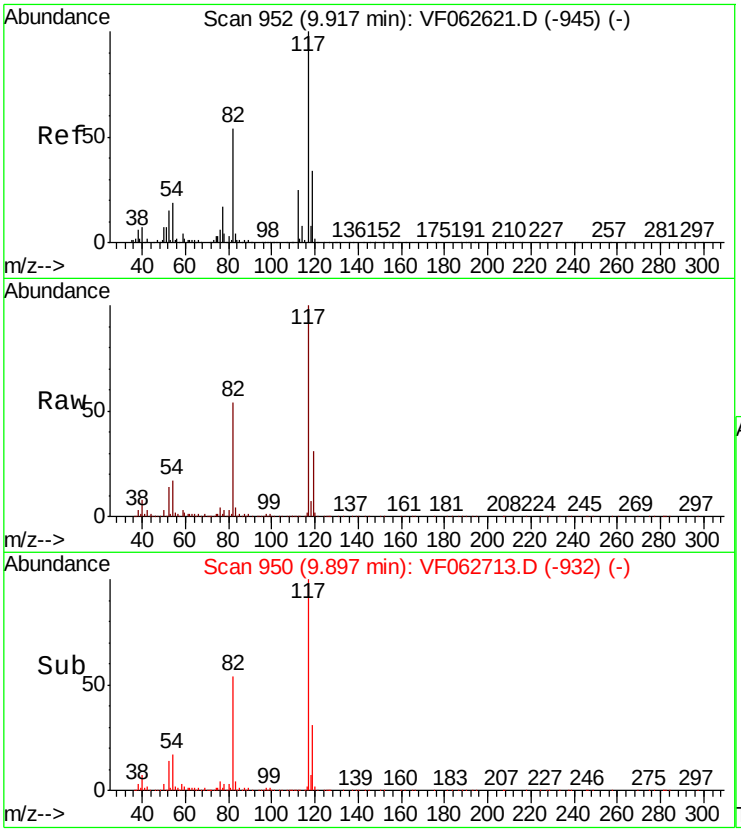


#62
4-Bromofluorobenzene
Concen: 29.819 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 95 Resp: 251177

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	185.6
176	80.5	0.0	182.4



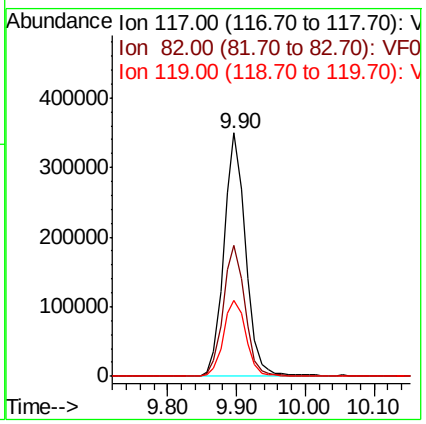


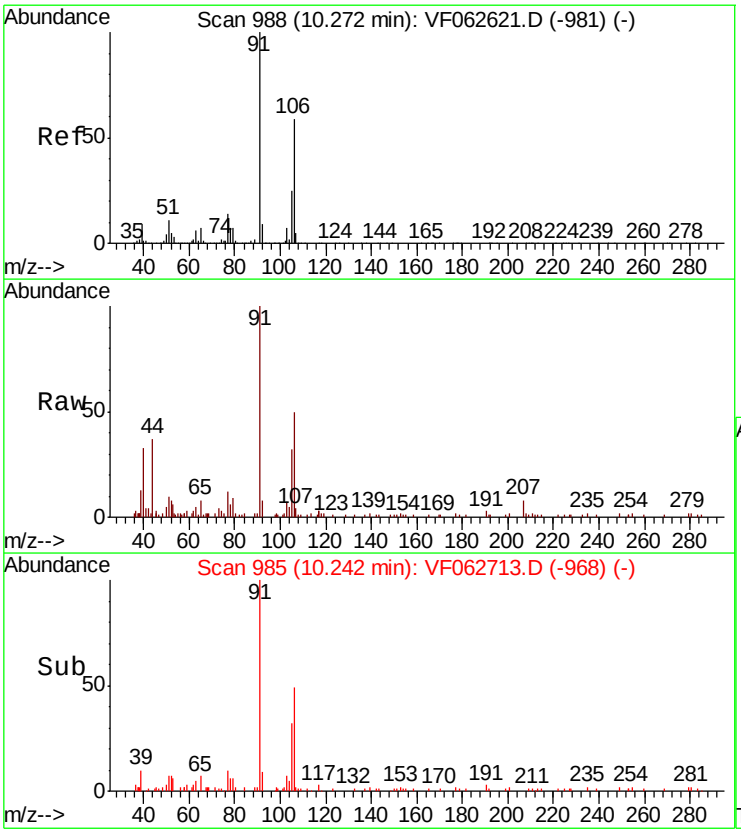
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 763385

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	31.2	27.4	41.0

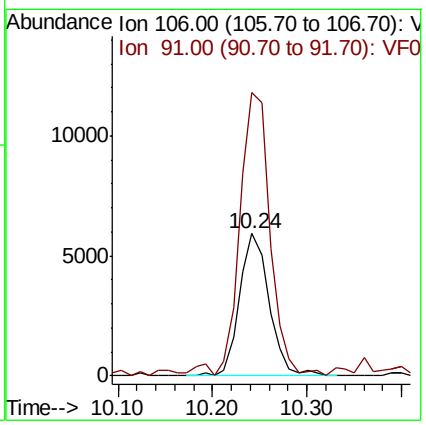


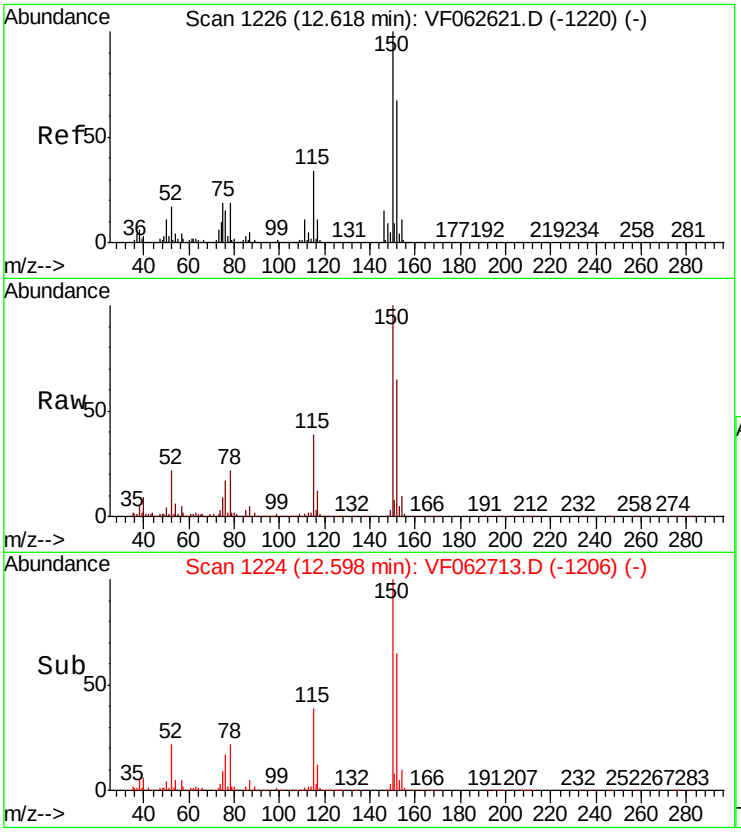


#68
m/p-Xylenes
Concen: 1.317 ug/l
RT: 10.24 min Scan# 985
Delta R.T. -0.03 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion:106 Resp: 12896

Ion	Ratio	Lower	Upper
106	100		
91	198.6	136.9	205.3



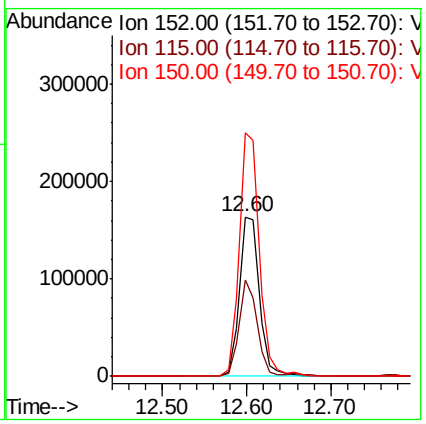


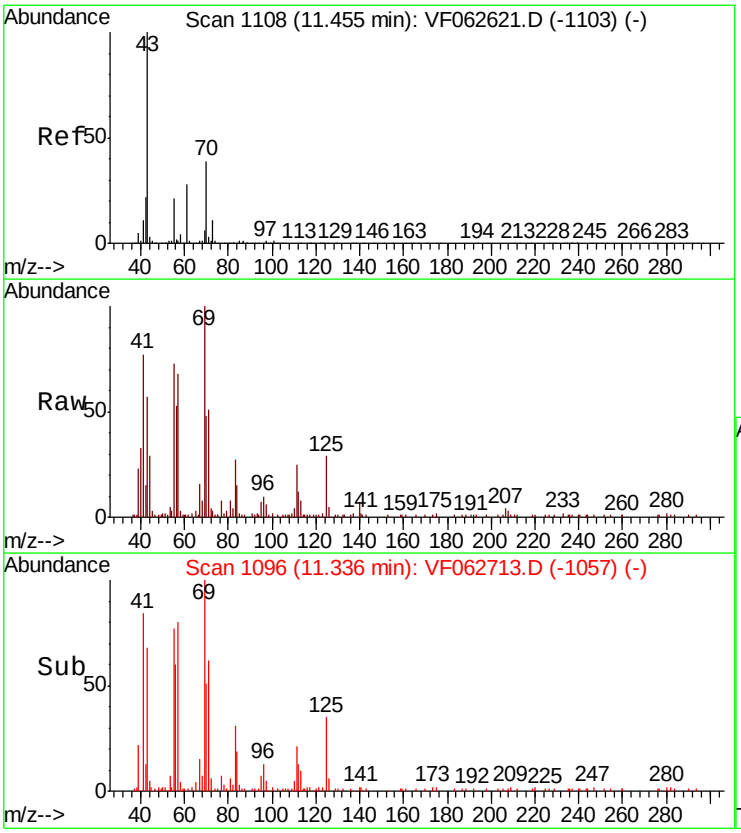
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 271619

Ion	Ratio	Lower	Upper
152	100		
115	60.3	25.2	75.6
150	152.9	0.0	306.2

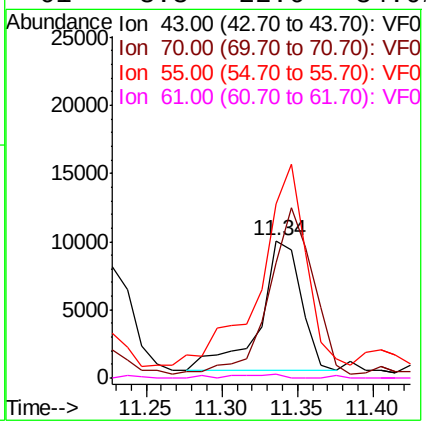


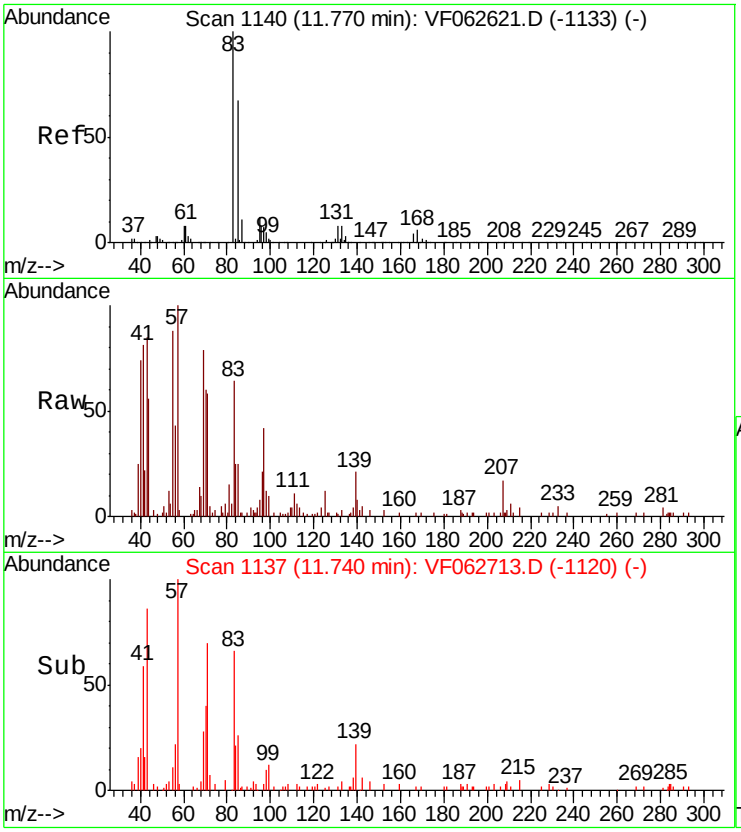


#74
N-amyl acetate
Concen: Below Cal
RT: 11.34 min Scan# 1096
Delta R.T. -0.12 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion: 43 Resp: 18377

Ion	Ratio	Lower	Upper
43	100		
70	83.8	30.9	46.3#
55	126.5	17.0	25.4#
61	3.3	22.6	34.0#



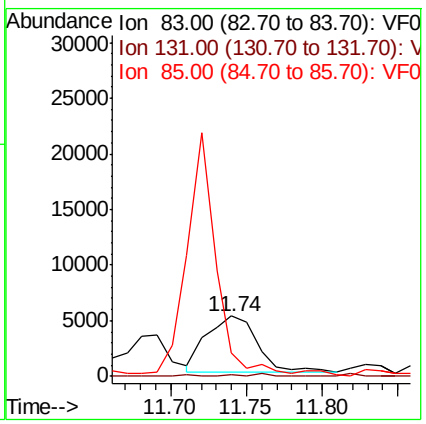


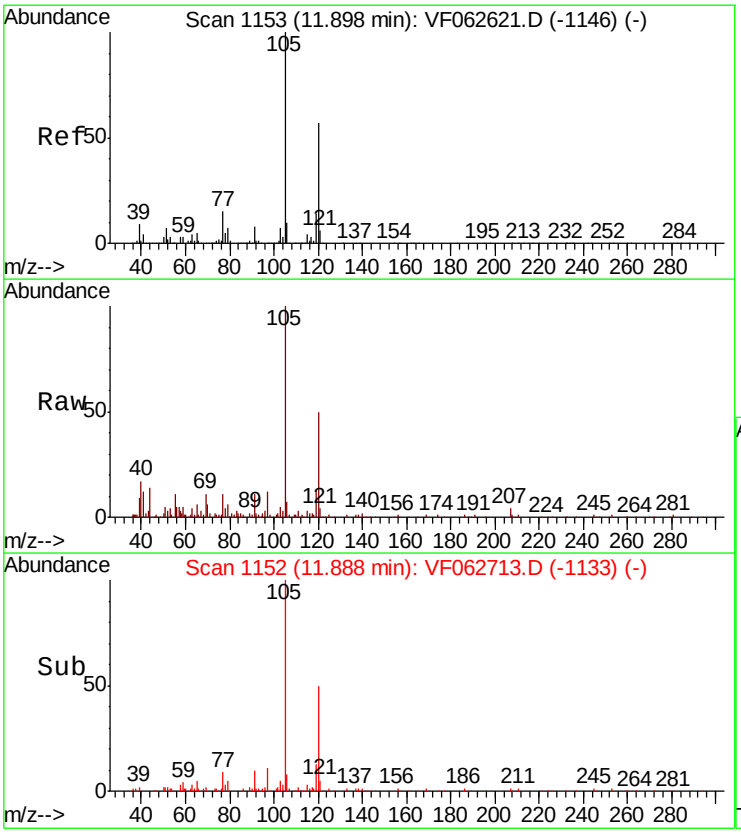
#75
1,1,2,2-Tetrachloroethane
Concen: 2.898 ug/l
RT: 11.74 min Scan# 1137
Delta R.T. -0.03 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 11531

Ion	Ratio	Lower	Upper
83	100		
131	2.1	4.0	12.0#
85	39.8	33.5	100.5

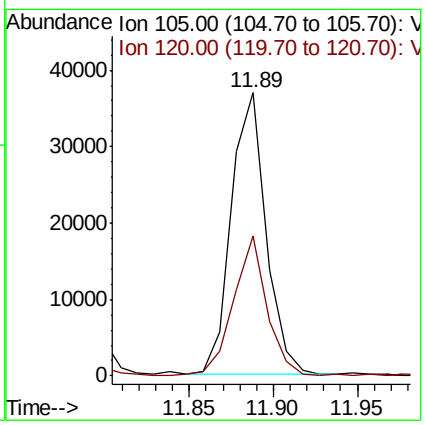


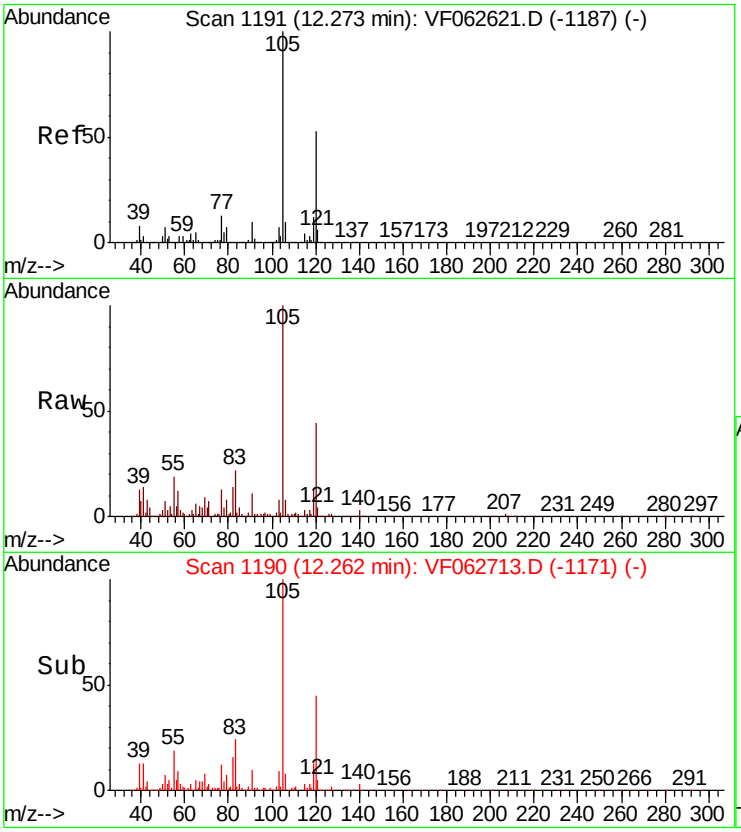


#80
1,3,5-Trimethylbenzene
Concen: 3.382 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion:105 Resp: 52788

Ion	Ratio	Lower	Upper
105	100		
120	49.7	28.7	86.3



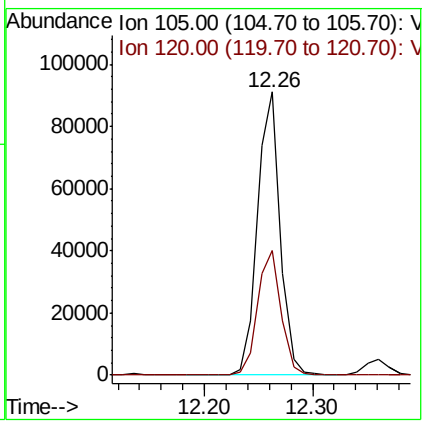


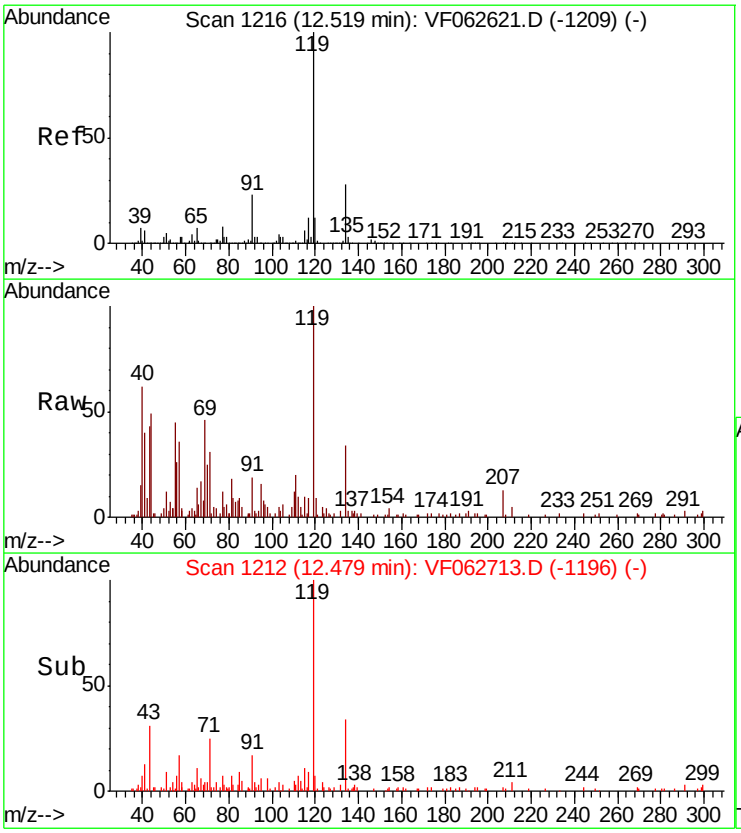
#84
1,2,4-Trimethylbenzene
Concen: 8.783 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 132689

Ion	Ratio	Lower	Upper
105	100		
120	43.8	26.7	80.1

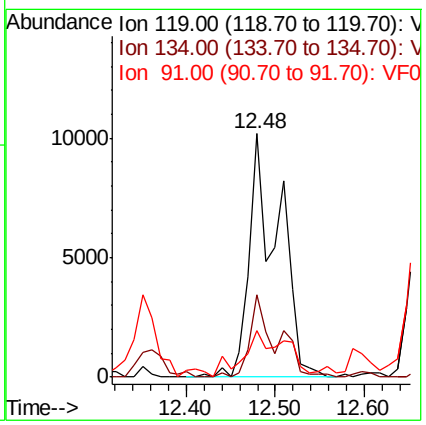


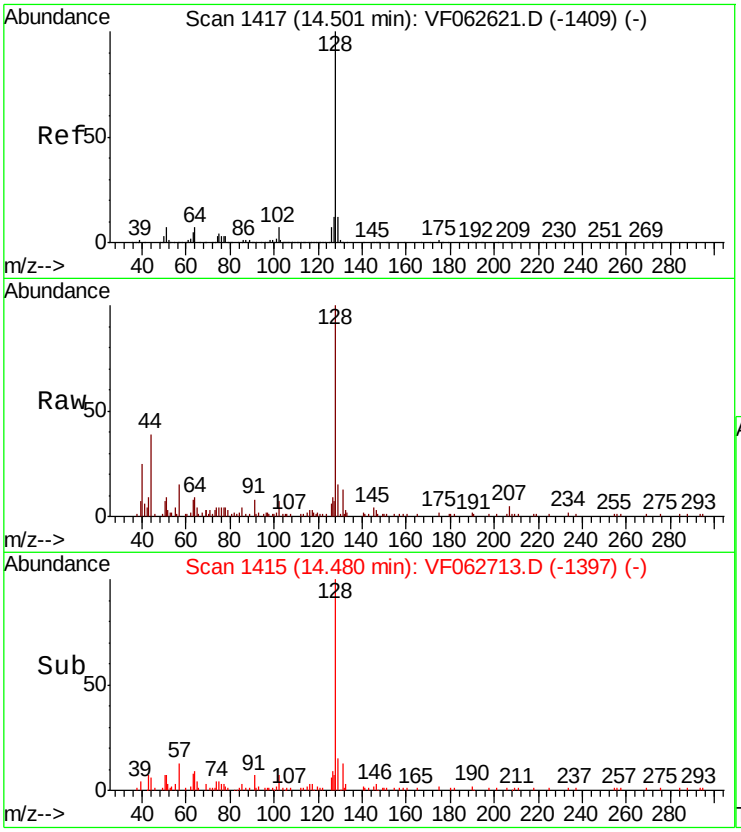


#86
p-Isopropyltoluene
Concen: 1.299 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. -0.04 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion:119 Resp: 23260

Ion	Ratio	Lower	Upper
119	100		
134	33.7	14.1	42.3
91	19.2	11.4	34.2





#95
Naphthalene
Concen: 2.044 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 20739

Ion	Ratio	Lower	Upper
128	100		
127	16.1	9.7	14.5#
129	14.9	9.3	13.9#