Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Feb 28 01:00:52 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	4.86	168	346041	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	544044	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	426740	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	192212	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127794	50.36	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.72%			
35) Dibromofluoromethane	4.10	113	187974	46.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 93.06%			
50) Toluene-d8	7.54	98	431944	37.19	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.38%			
62) 4-Bromofluorobenzene	11.41	95	177200	37.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	1748	11.903	ug/l #	62
13) Acrolein	2.03	56	561	3.039	ug/l #	29
16) Acetone	2.25	43	20116	36.947	ug/l #	89
18) Methyl Acetate	2.37	43	5209	4.247	ug/l #	59
20) Methylene Chloride	2.17	84	3149	Below Cal	#	84
25) 2-Butanone	4.36	43	2939	2.471	ug/l #	55
29) Tetrahydrofuran	4.07	42	1380	2.553	ug/l #	75
49) 1,4-Dioxane	6.45	88	70	4.176	ug/l #	7
52) Toluene	7.61	92	599426	70.112	ug/l	94
68) m/p-Xylenes	10.11	106	8487	1.540	ug/l	88
78) n-propylbenzene	11.58	91	46288	2.948	ug/l	97
79) 2-Chlorotoluene	11.70	91	10917	1.241	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.82	105	59773	5.465	ug/l	95
83) tert-Butylbenzene	12.19	119	19438	1.605	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.19	105	153737	14.148	ug/l	94
85) sec-Butylbenzene	12.29	105	17297	1.104	ug/l	77
86) p-Isopropyltoluene	12.45	119	381638	29.027	ug/l	99
89) n-Butylbenzene	12.84	91	15827	1.275	ug/l #	82

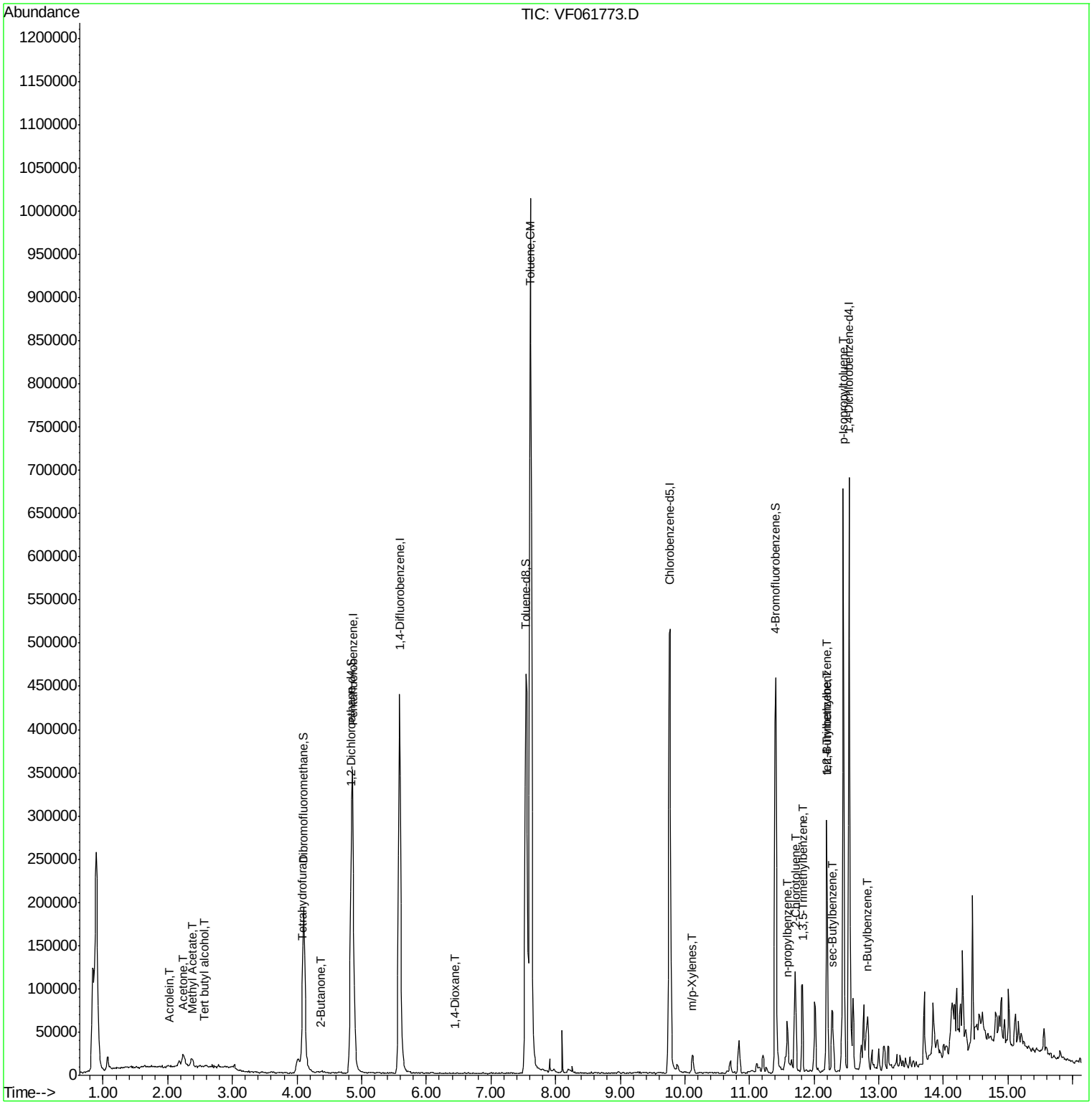
(#) = qualifier out of range (m) = manual integration (+) = signals summed

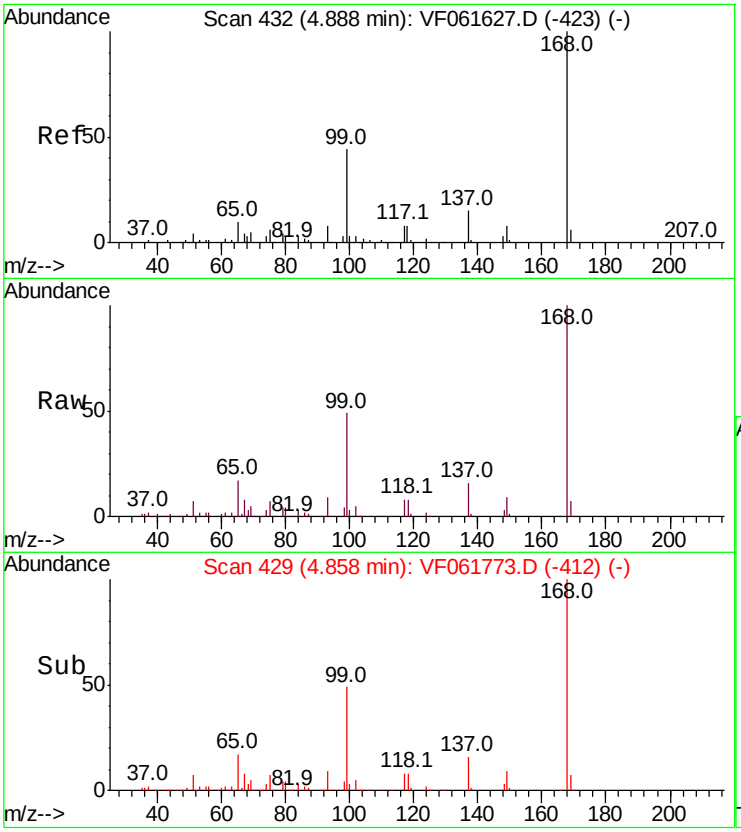
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022719\
Data File : VF061773.D
Acq On : 27 Feb 2019 18:30
Operator : VA/AP
Sample : K1353-05
Misc : 7.00g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Feb 28 01:00:52 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



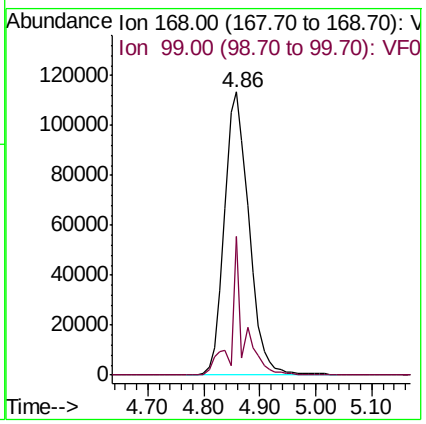


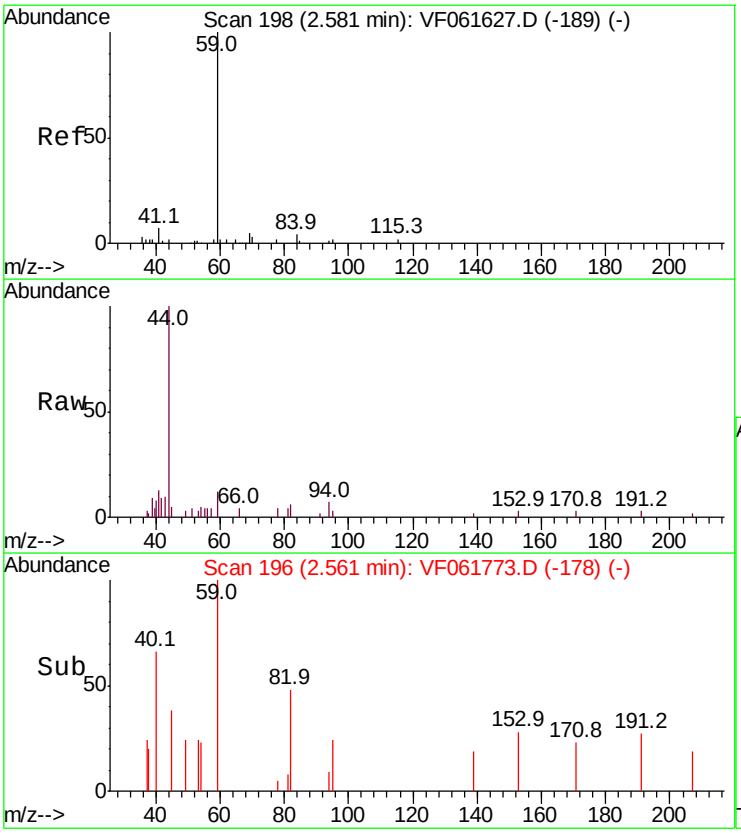
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 346041

Ion	Ratio	Lower	Upper
168	100		
99	48.8	34.9	52.3

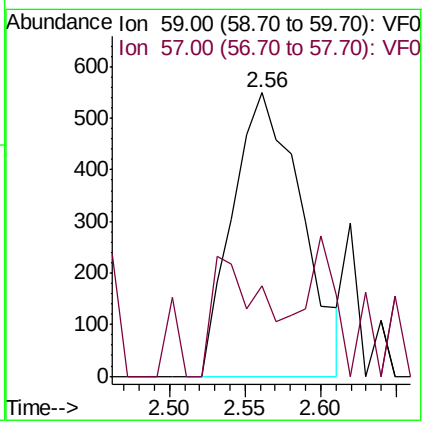


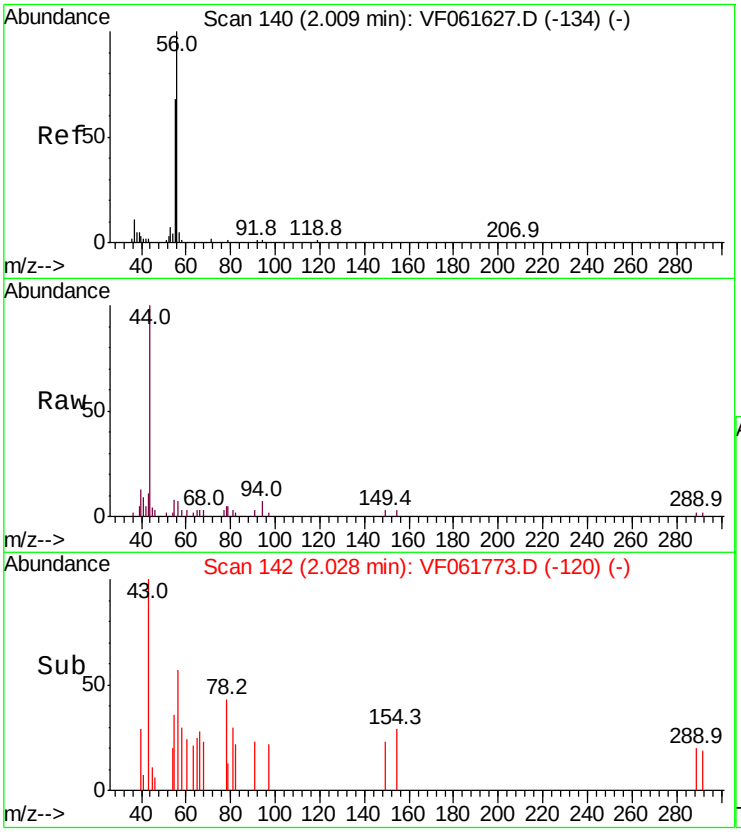


#11
Tert butyl alcohol
Concen: 11.903 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 59 Resp: 1748

Ion	Ratio	Lower	Upper
59	100		
57	31.7	12.5	18.7#



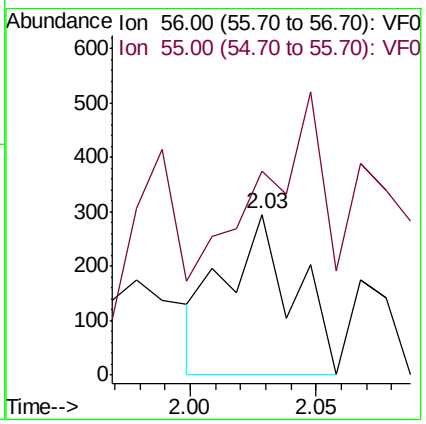


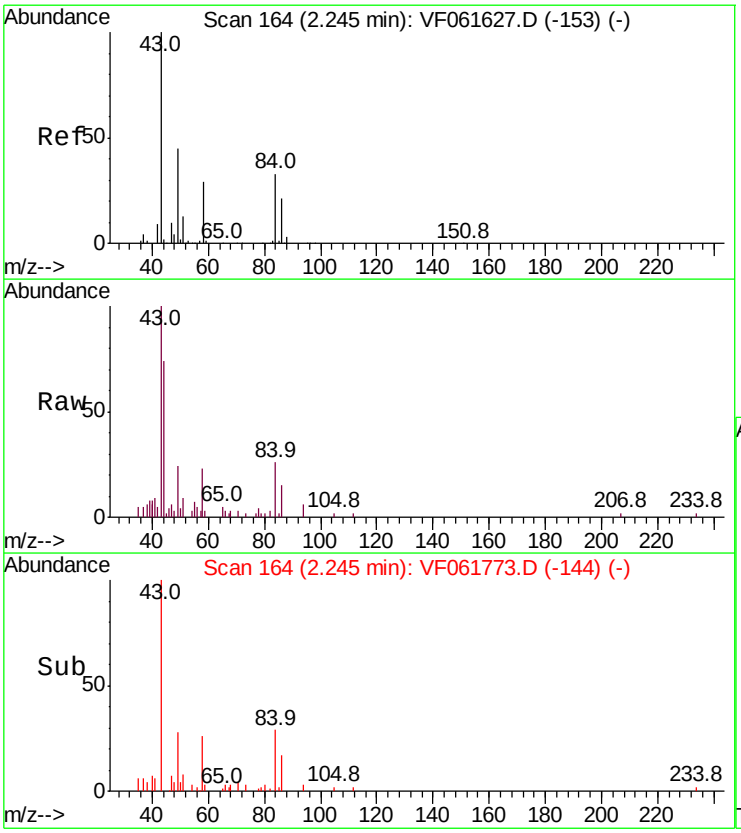
#13
Acrolein
Concen: 3.039 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 561

Ion	Ratio	Lower	Upper
56	100		
55	126.8	55.0	82.6#

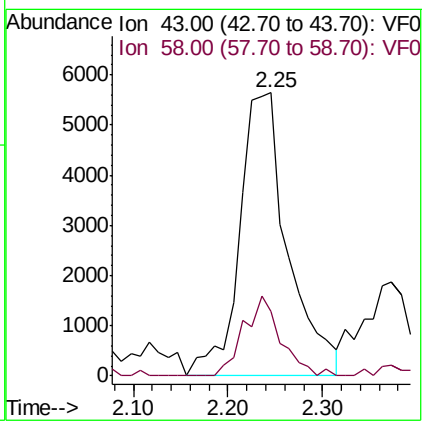


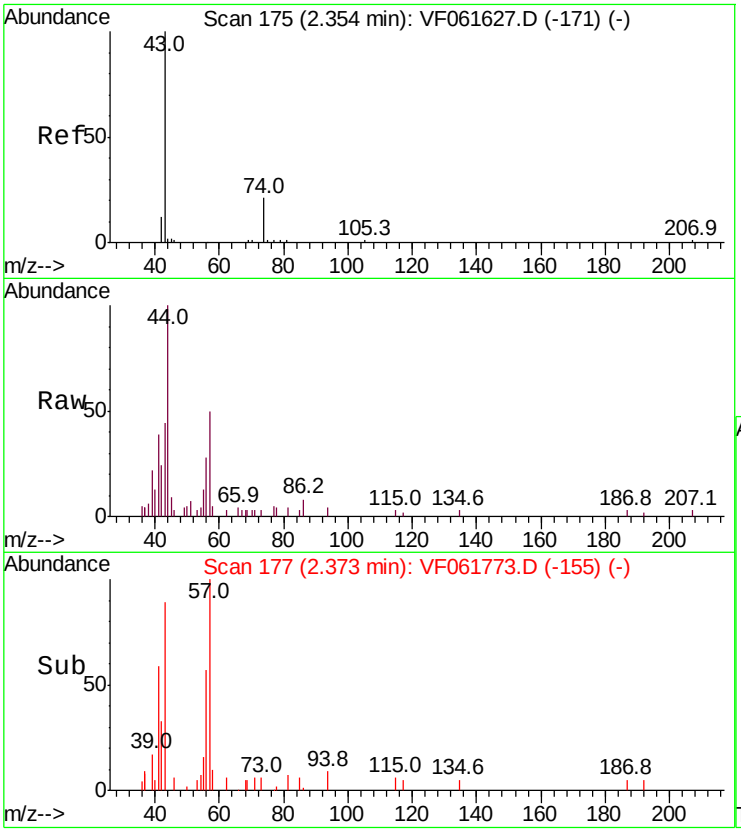


#16
Acetone
Concen: 36.947 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.00 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 43 Resp: 20116

Ion	Ratio	Lower	Upper
43	100		
58	22.8	22.9	34.3#



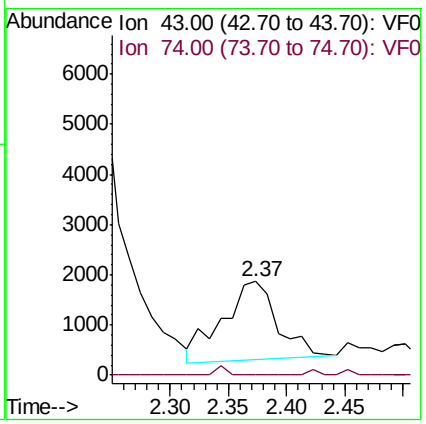


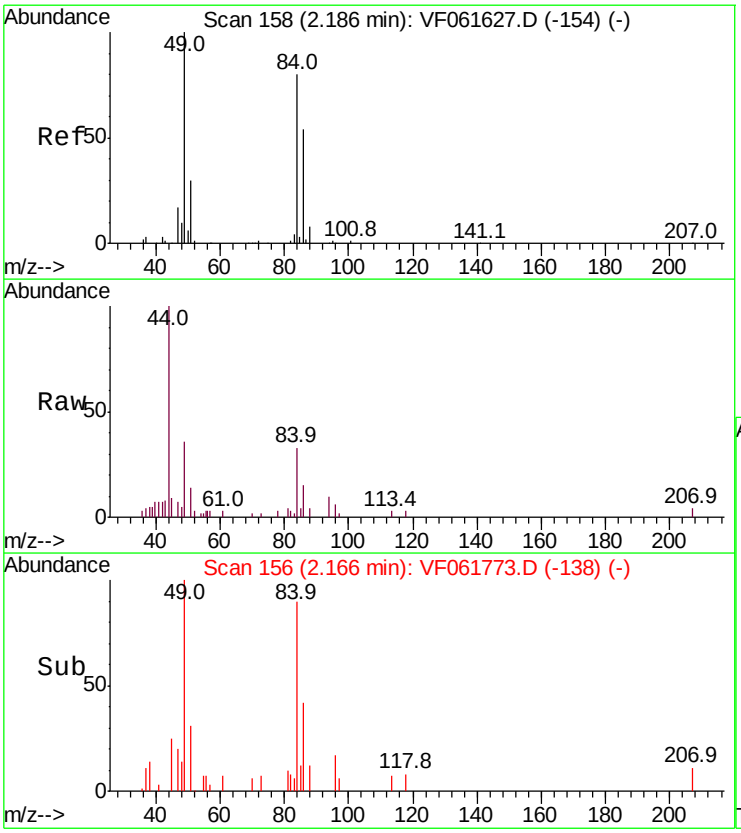
#18
Methyl Acetate
Concen: 4.247 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5209

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

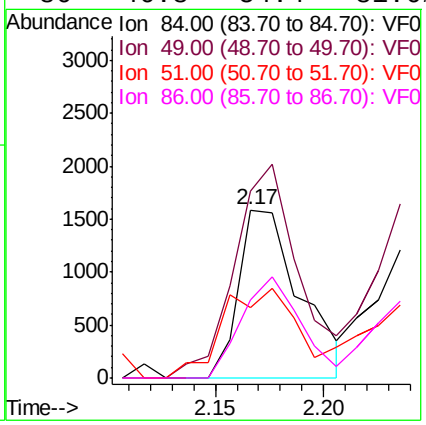


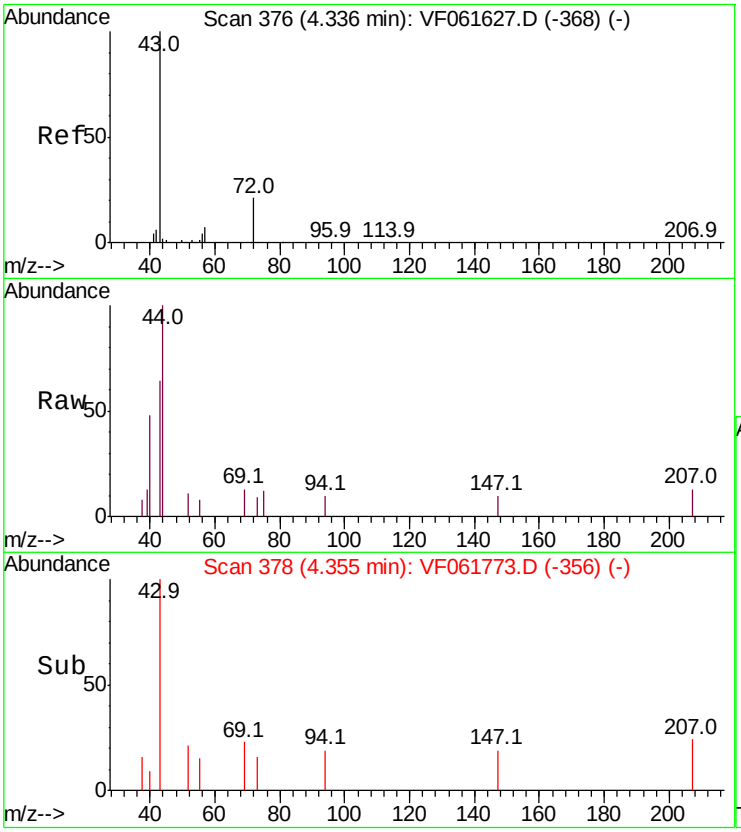


#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 84 Resp: 3149

Ion	Ratio	Lower	Upper
84	100		
49	111.7	101.8	152.8
51	41.7	31.1	46.7
86	46.8	54.4	81.6#



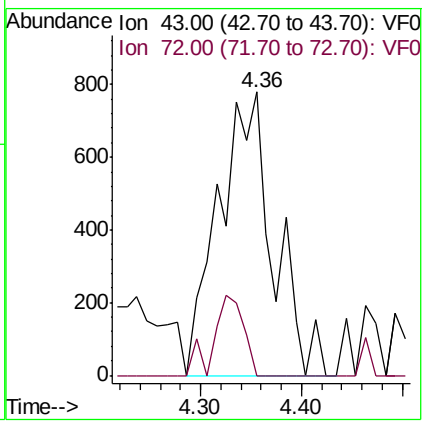


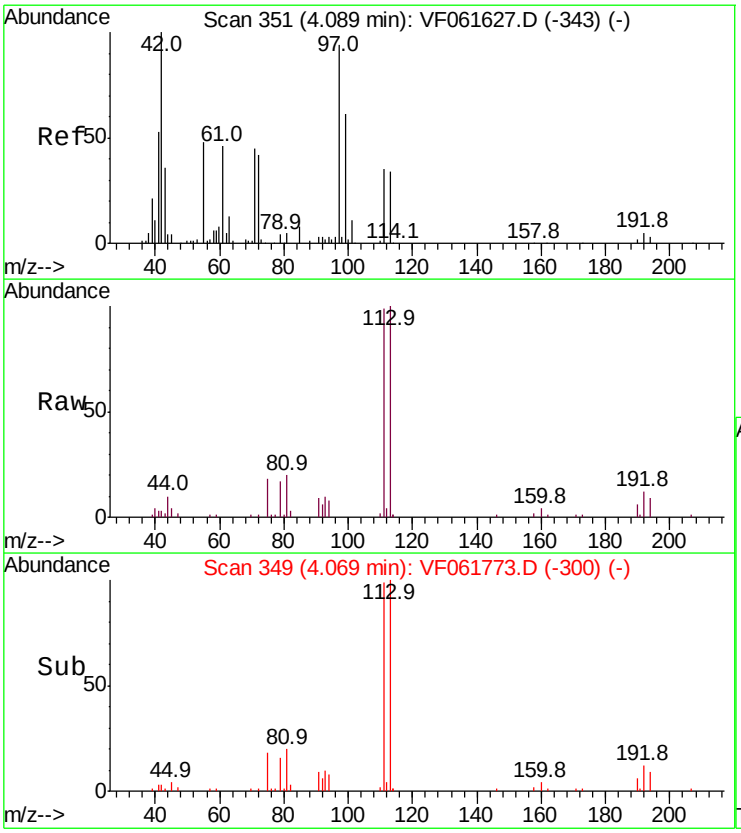
#25
2-Butanone
Concen: 2.471 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2939

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#

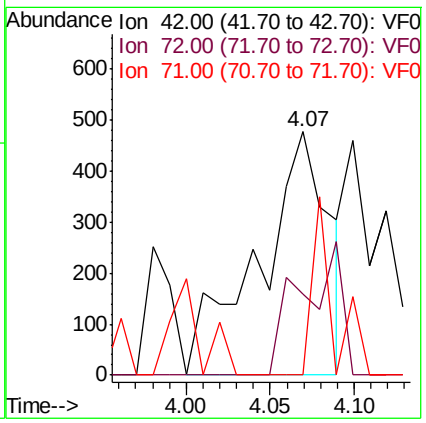


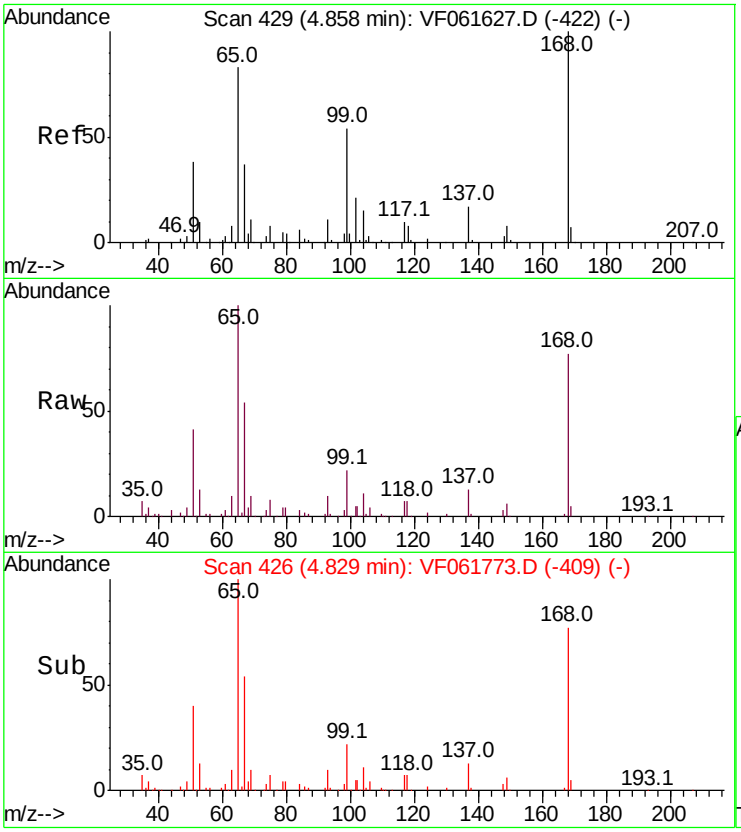


#29
Tetrahydrofuran
Concen: 2.553 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 42 Resp: 1380

Ion	Ratio	Lower	Upper
42	100		
72	31.7	35.2	52.8#
71	21.6	32.9	49.3#



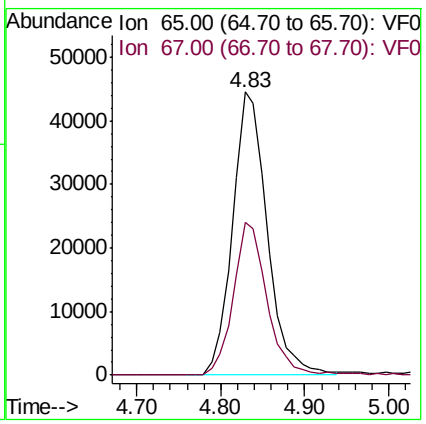


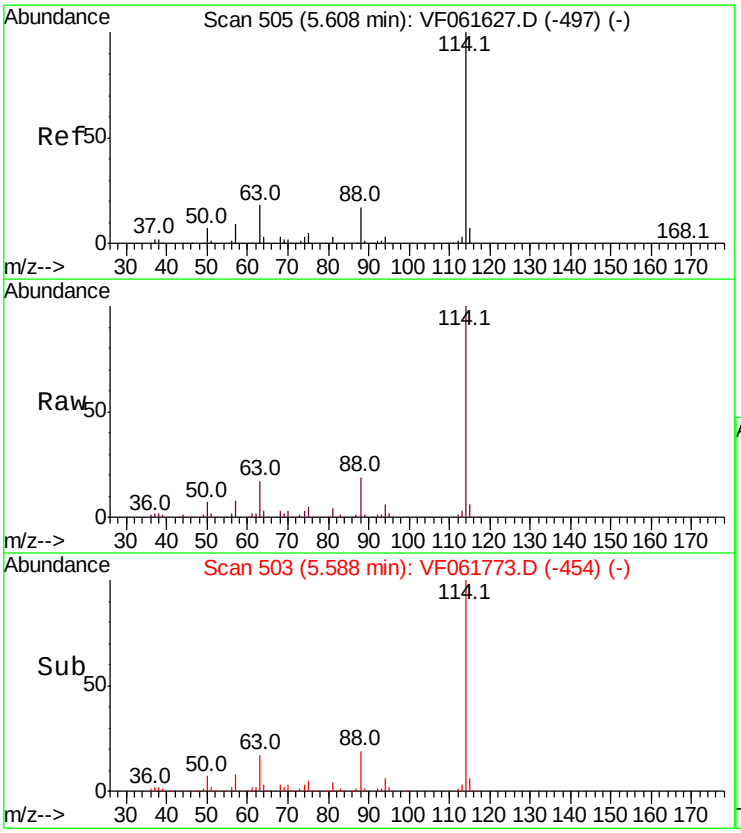
#33
1,2-Dichloroethane-d4
Concen: 50.361 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 127794

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	104.0

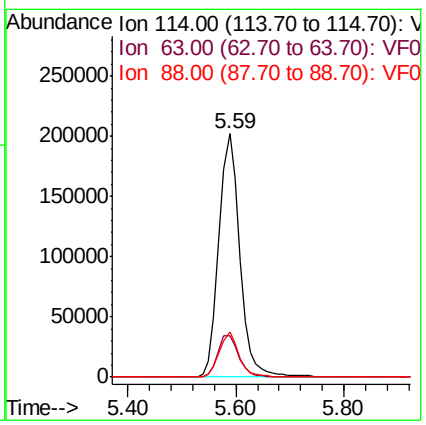


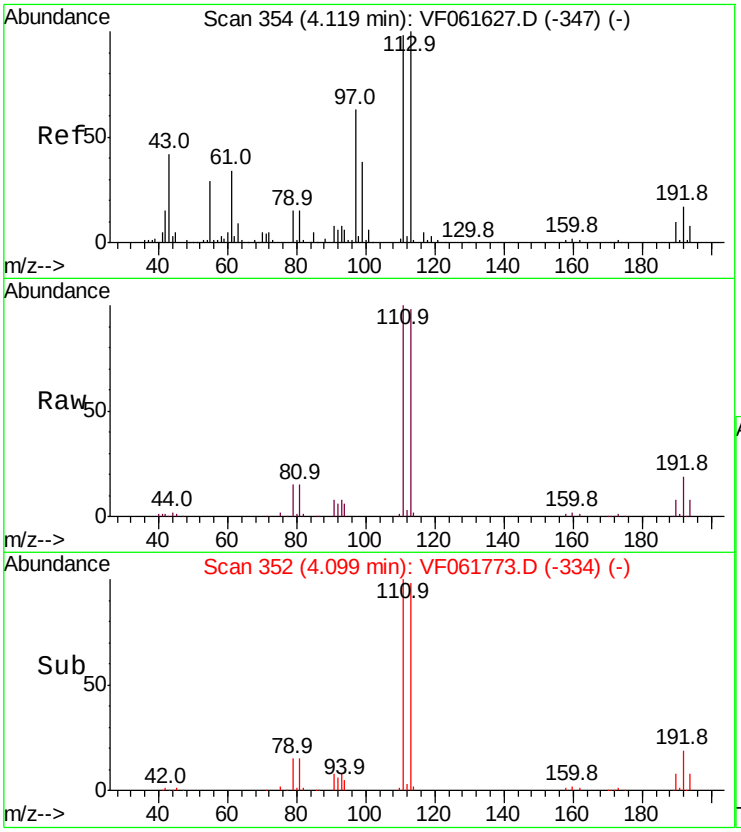


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion:114 Resp: 544044

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	36.6
88	18.7	0.0	34.4



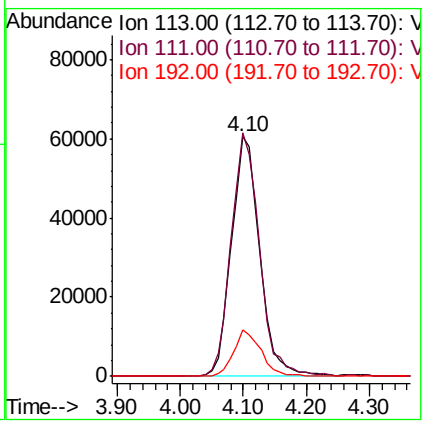


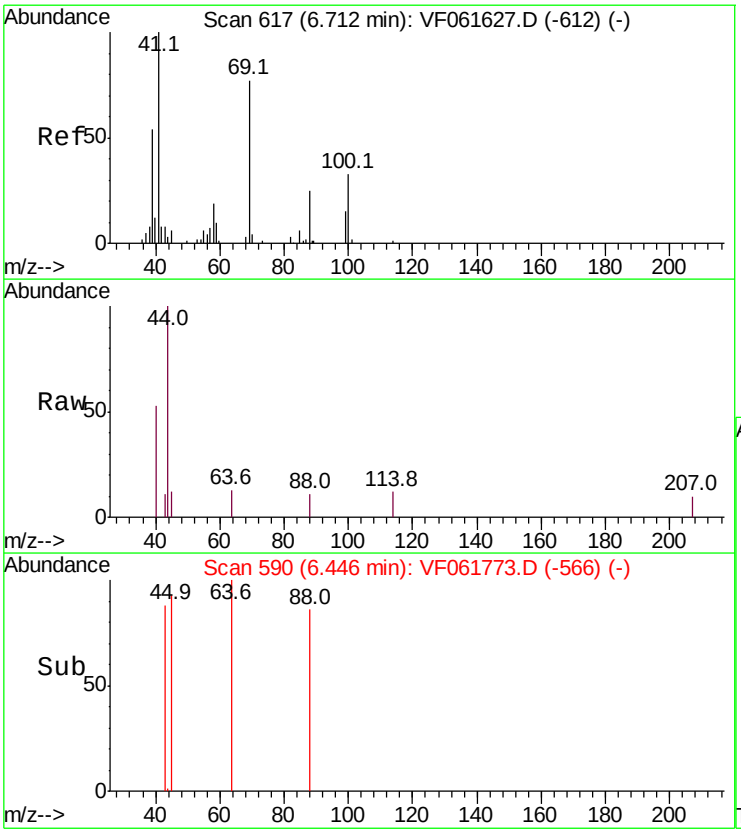
#35
Dibromofluoromethane
Concen: 46.527 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 187974

Ion	Ratio	Lower	Upper
113	100		
111	101.7	78.8	118.2
192	19.4	13.4	20.0

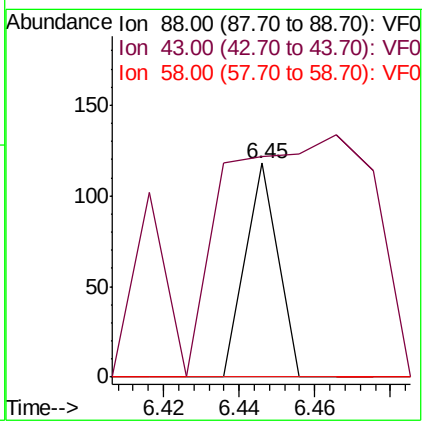


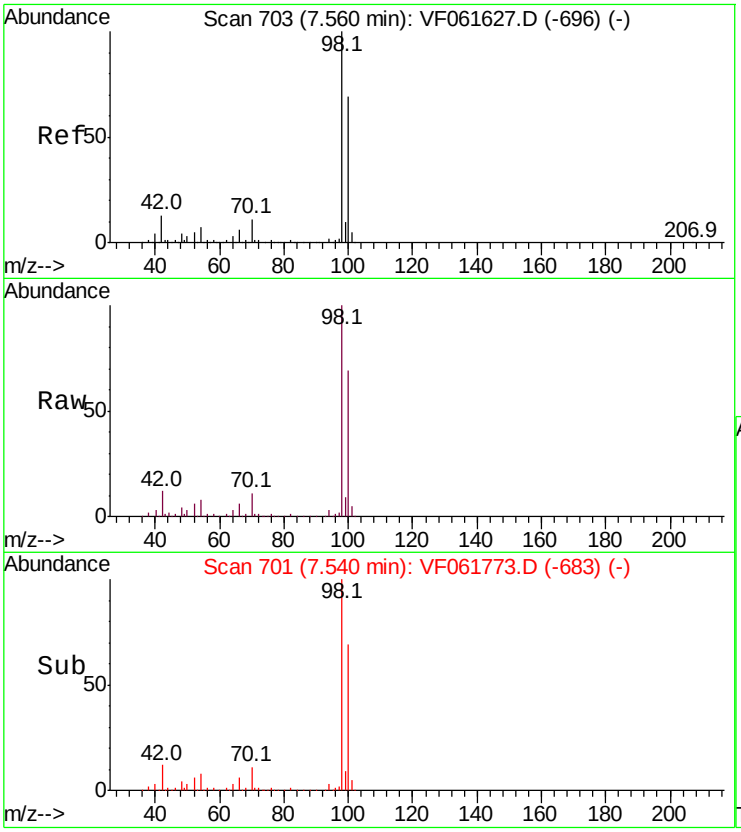


#49
1,4-Dioxane
Concen: 4.176 ug/l
RT: 6.45 min Scan# 590
Delta R.T. -0.27 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	103.4	32.3	48.5#
58	0.0	59.4	89.2#



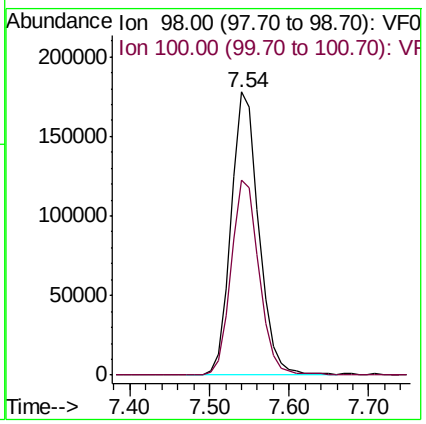


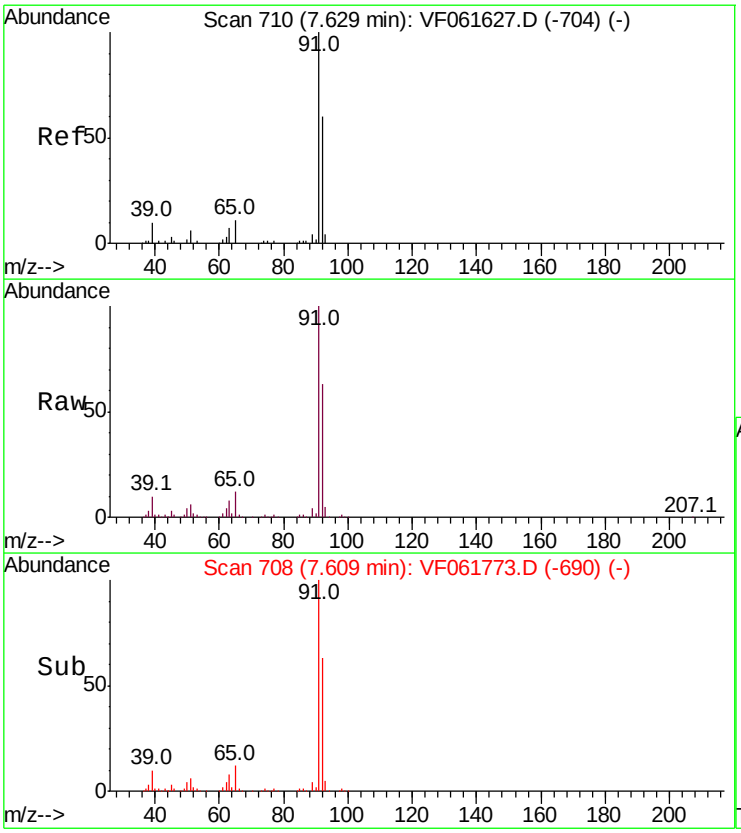
#50
Toluene-d8
Concen: 37.191 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 431944

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.4	83.2

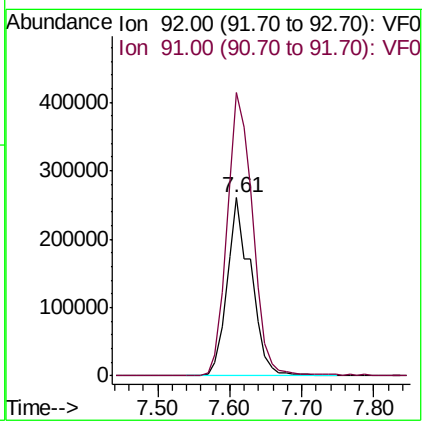


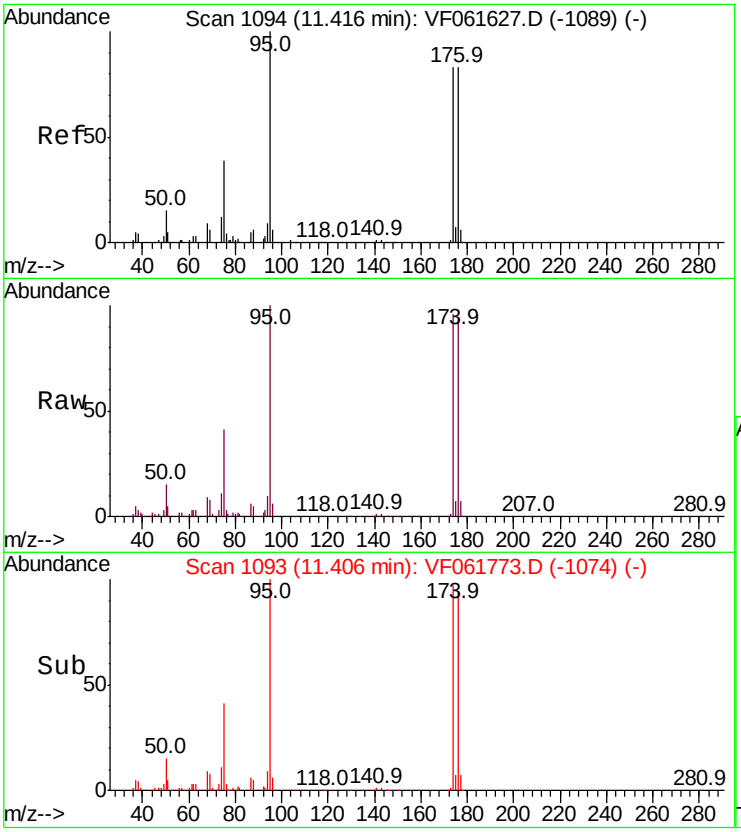


#52
Toluene
Concen: 70.112 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 92 Resp: 599426

Ion	Ratio	Lower	Upper
92	100		
91	159.0	133.9	200.9



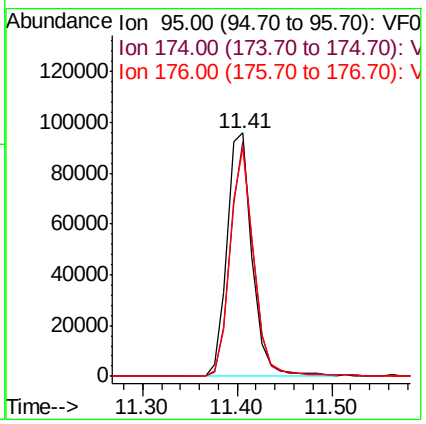


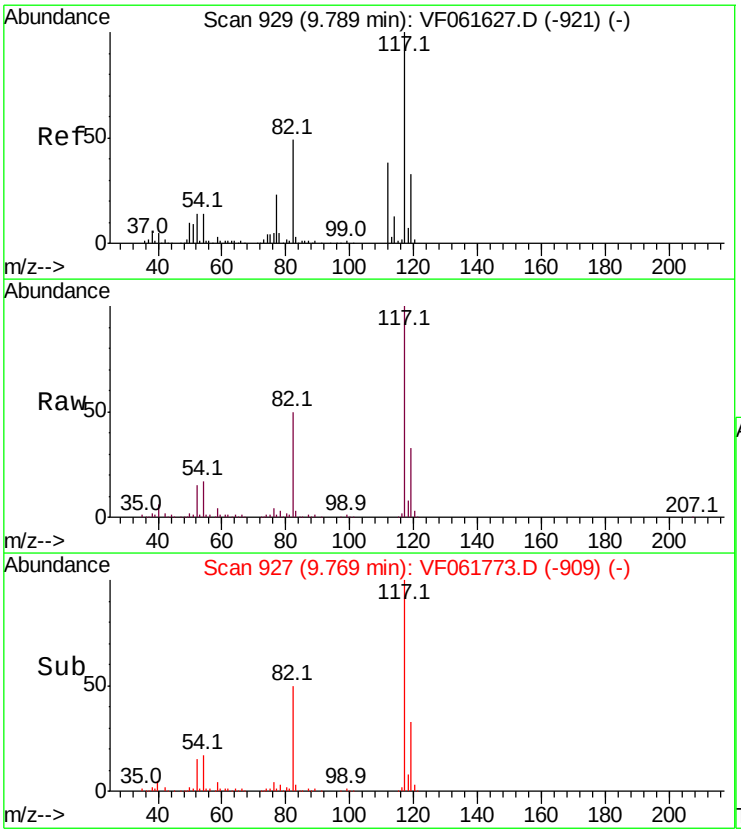
#62
4-Bromofluorobenzene
Concen: 37.708 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 177200

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	165.8
176	93.7	0.0	167.0

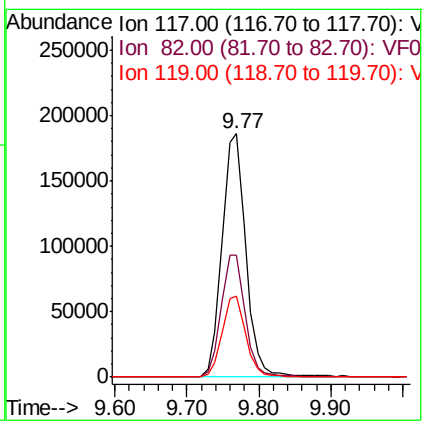


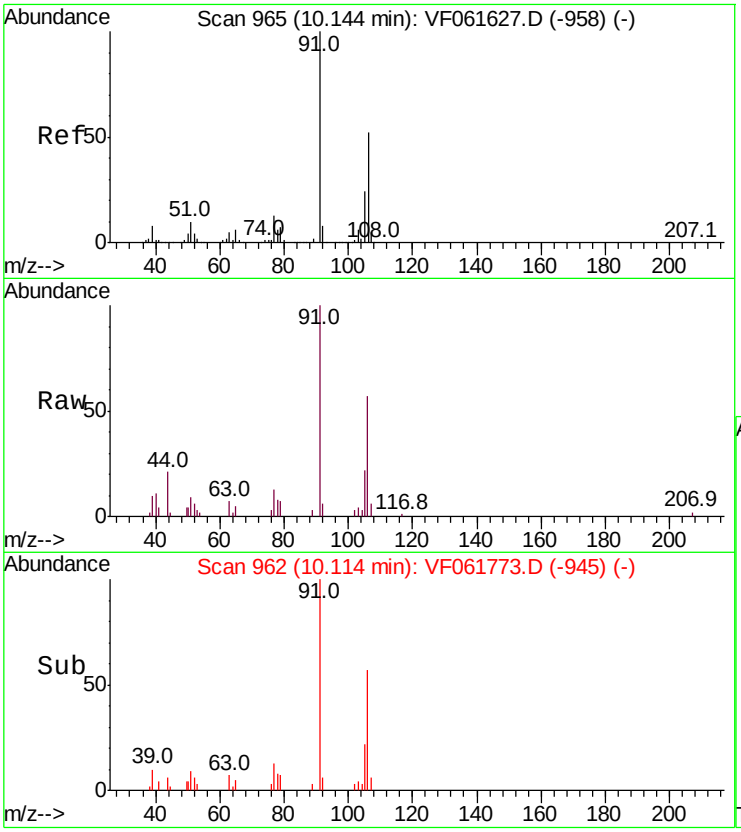


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion:117 Resp: 426740

Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.3	58.9
119	33.4	26.6	40.0



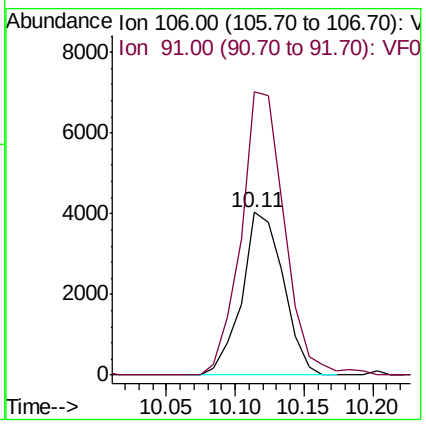


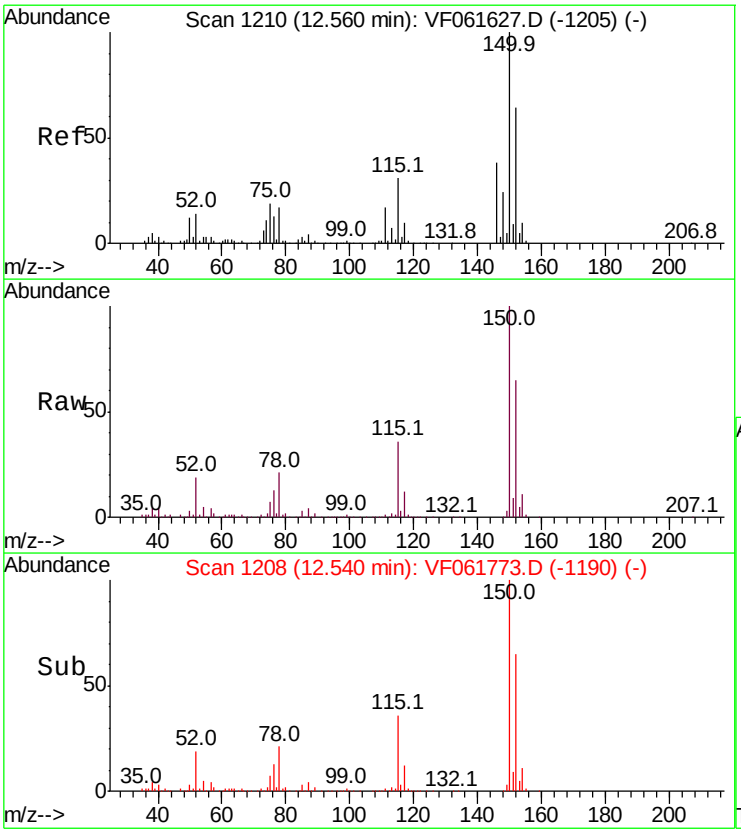
#68
m/p-Xylenes
Concen: 1.540 ug/l
RT: 10.11 min Scan# 962
Delta R.T. -0.03 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 8487

Ion	Ratio	Lower	Upper
106	100		
91	174.1	153.0	229.6

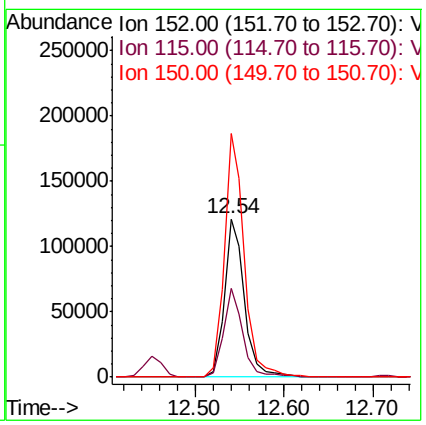


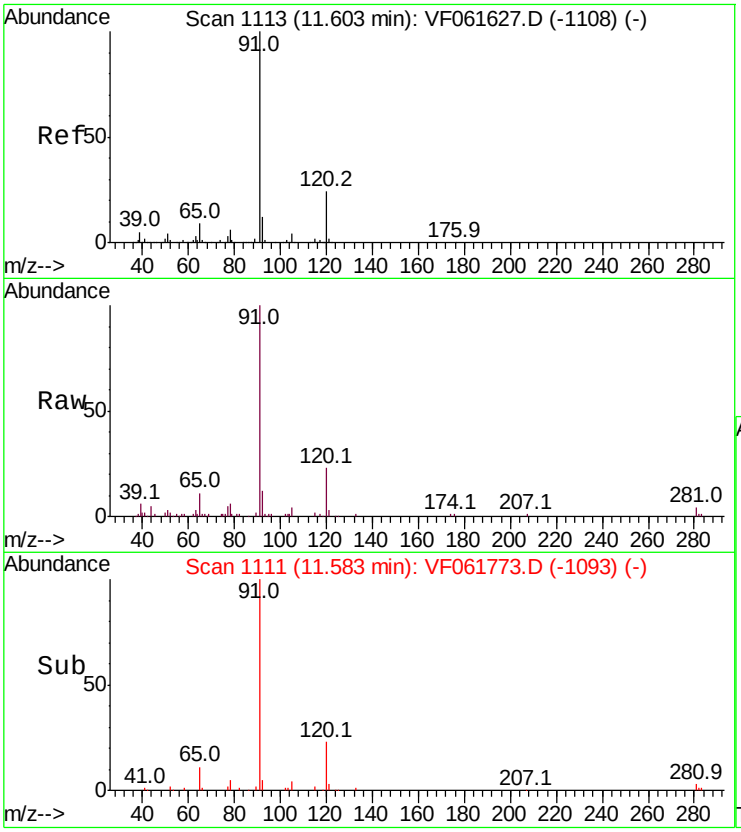


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion:152 Resp: 192212

Ion	Ratio	Lower	Upper
152	100		
115	56.0	24.3	72.8
150	153.6	0.0	312.0



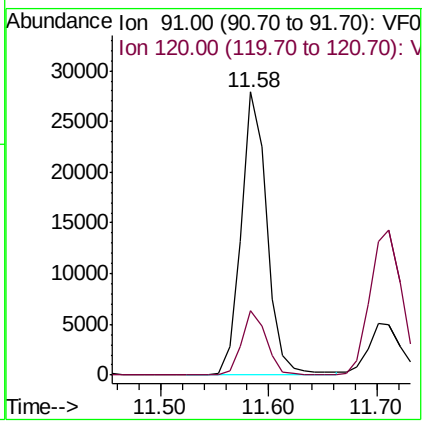


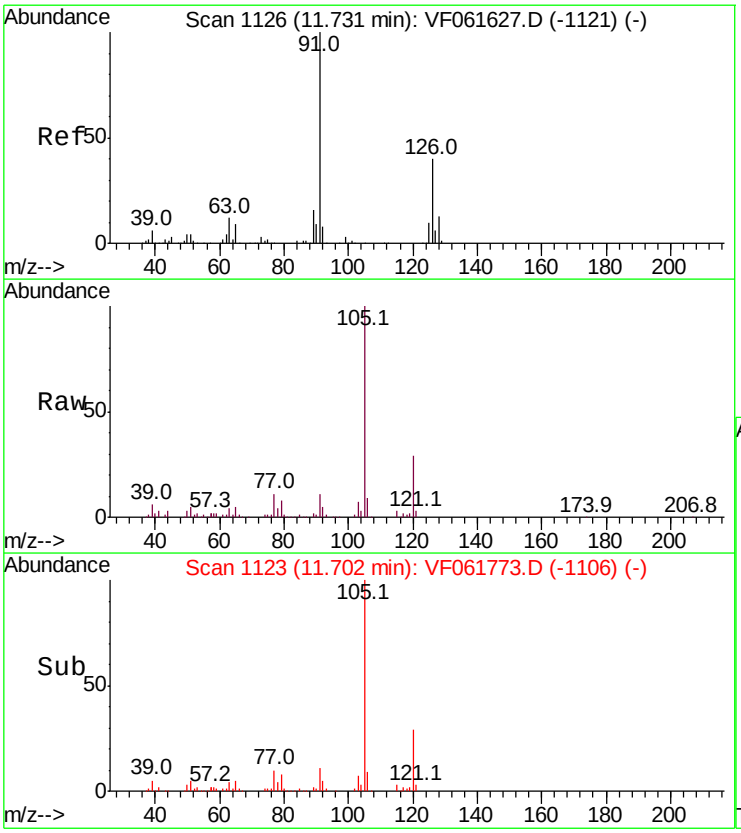
#78
n-propylbenzene
Concen: 2.948 ug/l
RT: 11.58 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 46288

Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.1	36.3

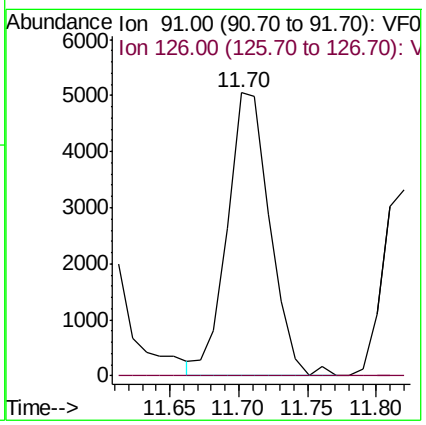


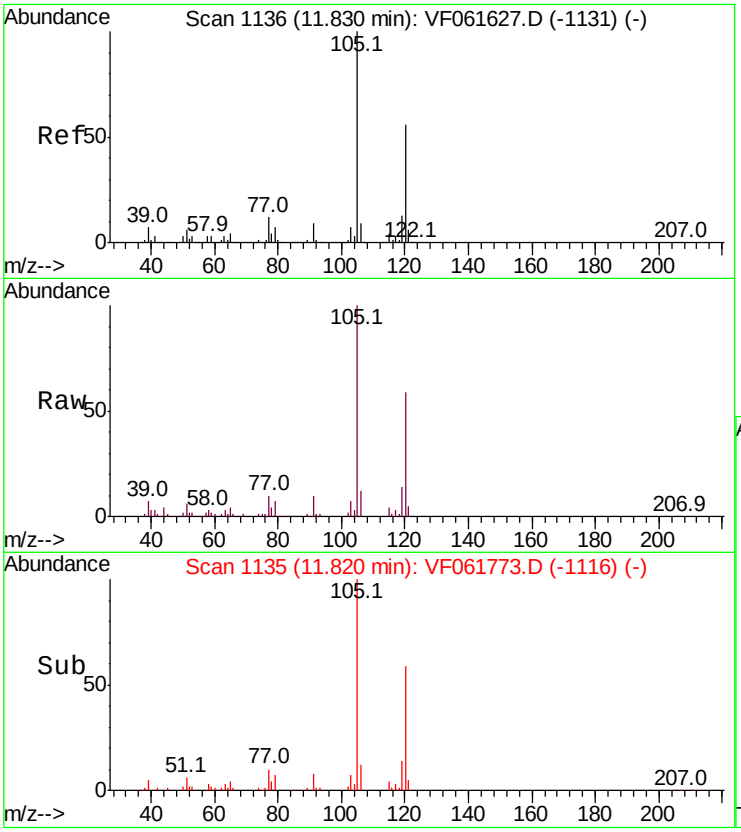


#79
2-Chlorotoluene
Concen: 1.241 ug/l
RT: 11.70 min Scan# 1123
Delta R.T. -0.03 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 91 Resp: 10917

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.8	59.4#



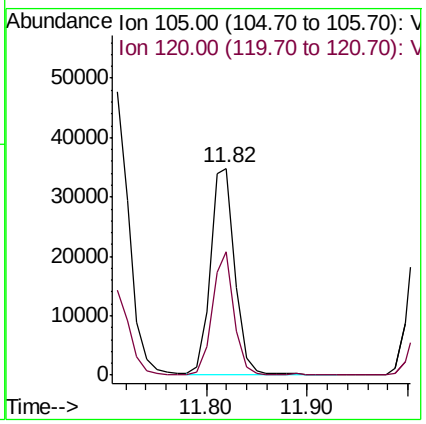


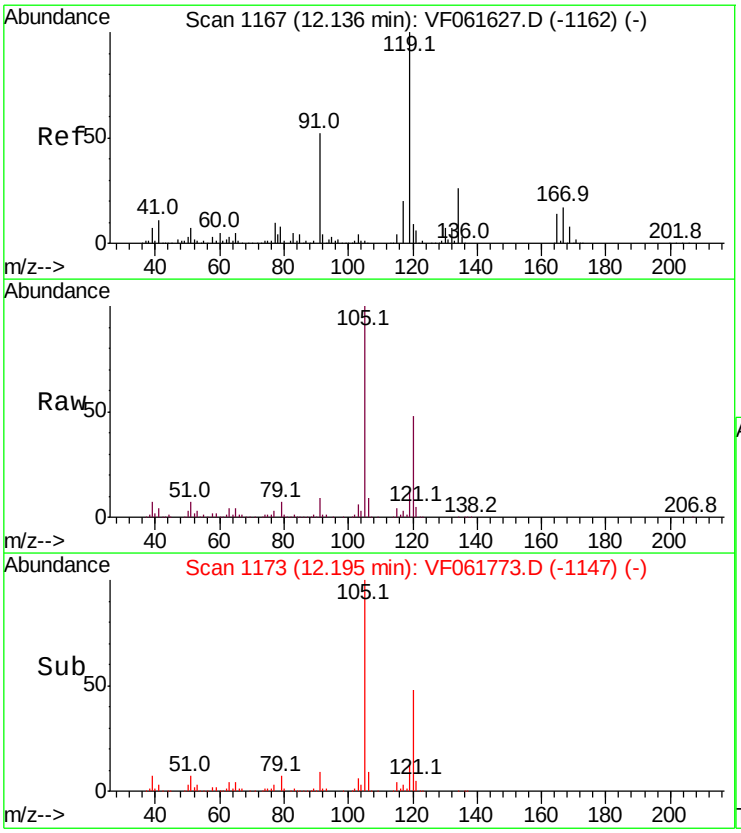
#80
1,3,5-Trimethylbenzene
Concen: 5.465 ug/l
RT: 11.82 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 59773

Ion	Ratio	Lower	Upper
105	100		
120	59.5	27.9	83.6

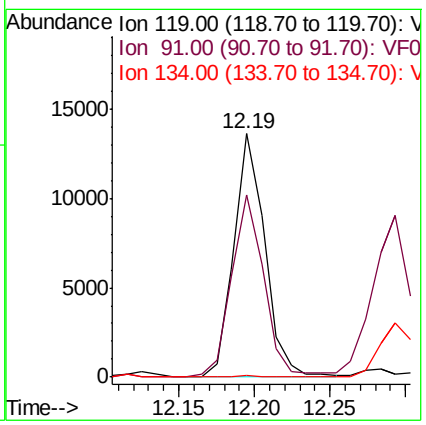


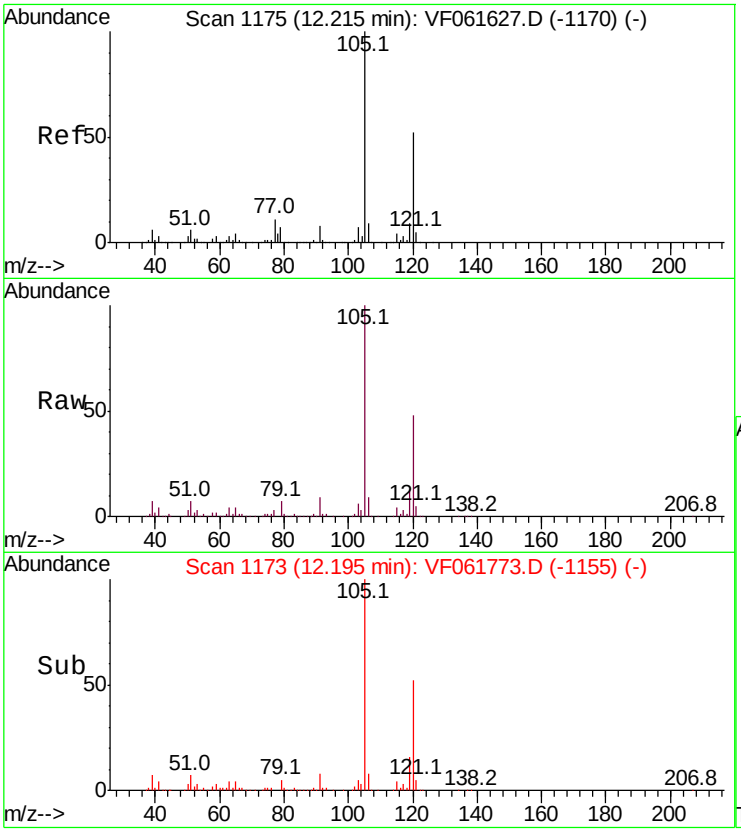


#83
tert-Butylbenzene
Concen: 1.605 ug/l
RT: 12.19 min Scan# 1173
Delta R.T. 0.06 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion:119 Resp: 19438

Ion	Ratio	Lower	Upper
119	100		
91	75.1	26.3	78.8
134	0.8	12.9	38.7#



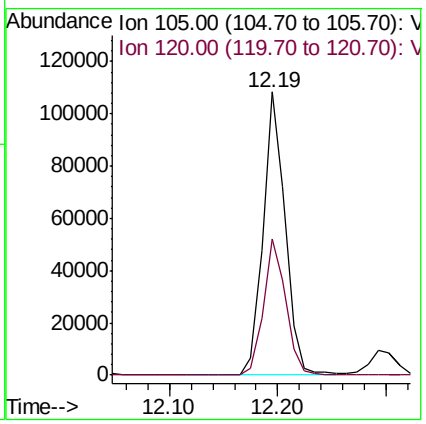


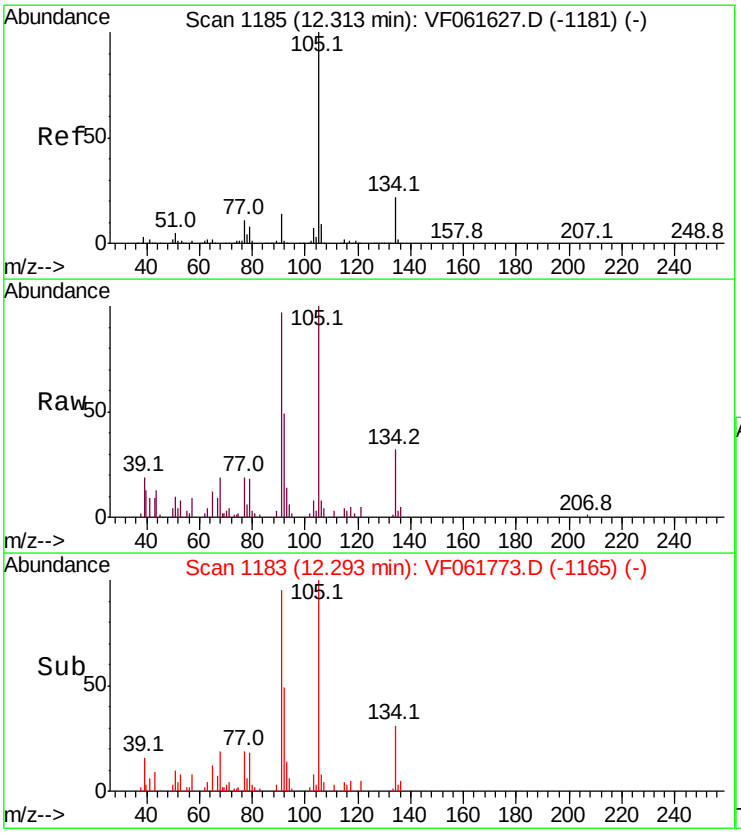
#84
1,2,4-Trimethylbenzene
Concen: 14.148 ug/l
RT: 12.19 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 153737

Ion	Ratio	Lower	Upper
105	100		
120	47.9	26.1	78.3

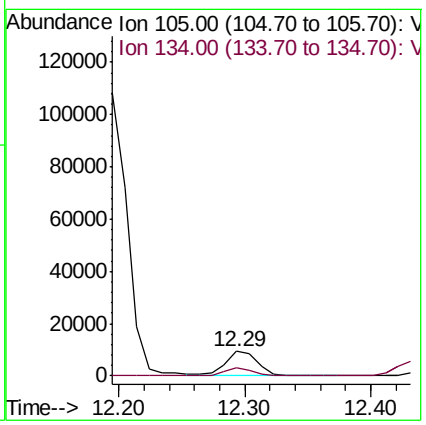


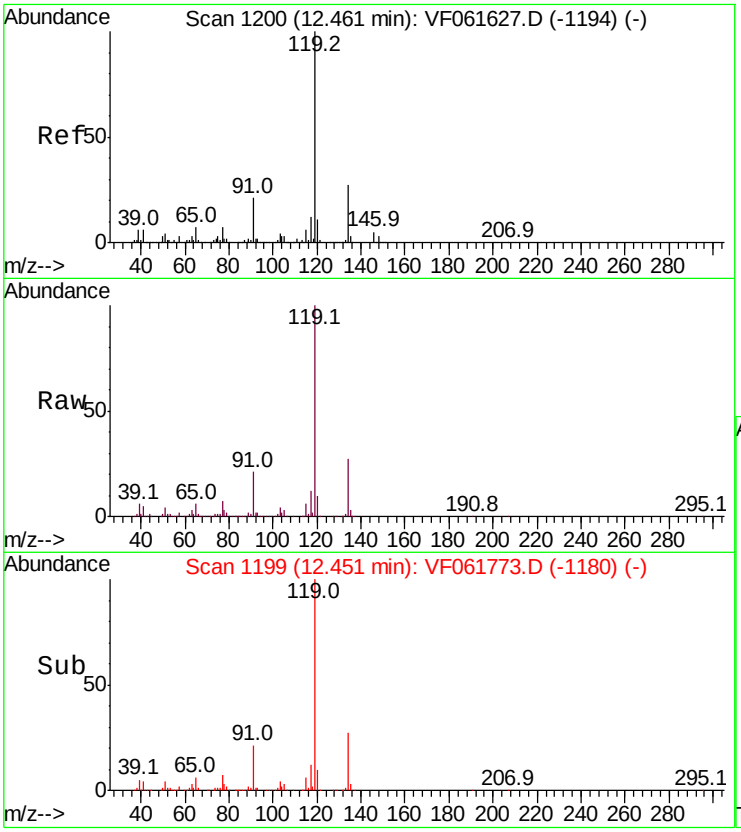


#85
sec-Butylbenzene
Concen: 1.104 ug/l
RT: 12.29 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion:105 Resp: 17297

Ion	Ratio	Lower	Upper
105	100		
134	32.3	10.8	32.4



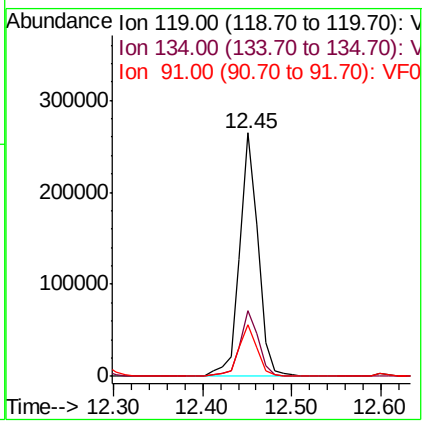


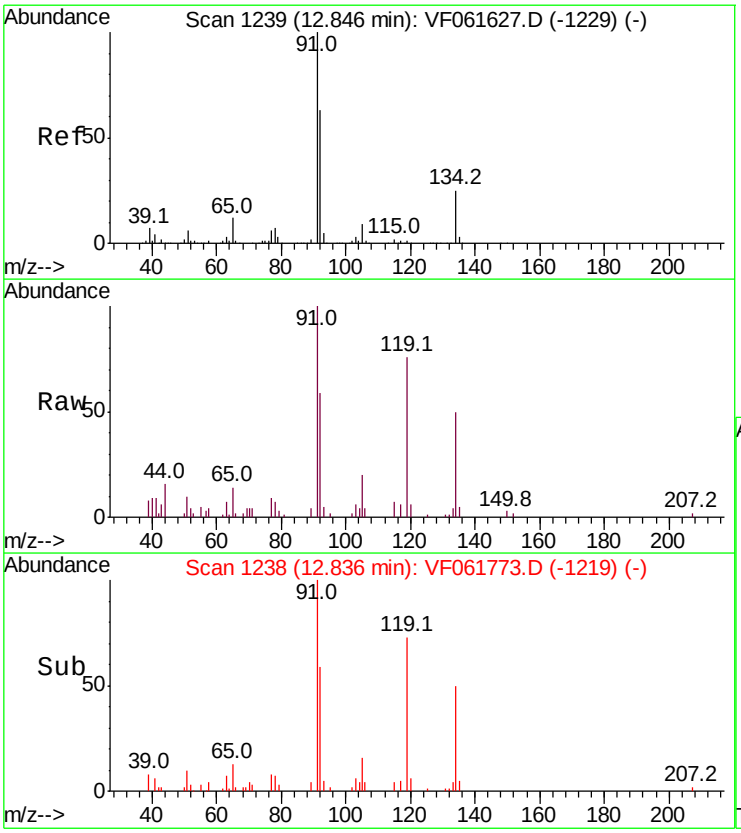
#86
p-Isopropyltoluene
Concen: 29.027 ug/l
RT: 12.45 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 381638

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.7	41.1
91	21.1	10.8	32.4





#89
n-Butylbenzene
Concen: 1.275 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061773.D
Acq: 27 Feb 2019 18:30

Tgt Ion: 91 Resp: 15827

Ion	Ratio	Lower	Upper
91	100		
92	59.5	31.4	94.3
134	50.0	12.3	36.9#