Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060407.D
Acq On : 16 Nov 2018 19:28
Operator : JC/SY
Sample : J5970-04
Misc : 6.89g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Quant Time: Nov 17 03:03:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1261604	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1844003	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1306547	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	504731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	322622	35.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.42%			
35) Dibromofluoromethane	6.34	113	423475	30.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.60%			
50) Toluene-d8	9.46	98	1281639	31.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.70%			
62) 4-Bromofluorobenzene	12.43	95	408487	28.01	ug/l	-0.01
Spiked Amount 50.000			Recovery = 56.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	1294	Below Cal		72
11) Tert butyl alcohol	3.96	59	1412	3.807	ug/l #	70
16) Acetone	3.17	43	128265	81.858	ug/l	99
17) Carbon Disulfide	3.32	76	20530	1.033	ug/l #	93
20) Methylene Chloride	3.74	84	61380	4.416	ug/l	91
25) 2-Butanone	5.64	43	15352	4.714	ug/l	96
31) Cyclohexane	6.41	56	23459	1.088	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	84691	4.649	ug/l #	47
37) Ethyl Acetate	5.64	43	15352	1.831	ug/l #	75
38) Carbon Tetrachloride	6.41	117	98270	5.815	ug/l #	15
55) 1,1,2-Trichloroethane	10.11	97	9580	1.113	ug/l #	18
59) 2-Hexanone	10.45	43	20291	4.154	ug/l #	31
68) m/p-Xylenes	11.56	106	72958	4.084	ug/l	99
69) o-Xylene	11.93	106	45712	2.649	ug/l	99
74) N-amyl acetate	12.09	43	34016	3.608	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.58	83	12070	2.007	ug/l #	50
78) n-propylbenzene	12.64	91	77141	1.681	ug/l	96
79) 2-Chlorotoluene	12.71	91	41286	1.642	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.80	105	321543	11.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.43	75	153805	89.477	ug/l #	16
82) 4-Chlorotoluene	12.80	91	33704	1.194	ug/l #	45
84) 1,2,4-Trimethylbenzene	13.10	105	711523	24.930	ug/l	100
86) p-Isopropyltoluene	13.34	119	31666	1.010	ug/l	93
90) Hexachloroethane	13.90	117	9537	1.283	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.23	75	856	1.179	ug/l #	1
95) Naphthalene	14.98	128	53657	3.883	ug/l	98

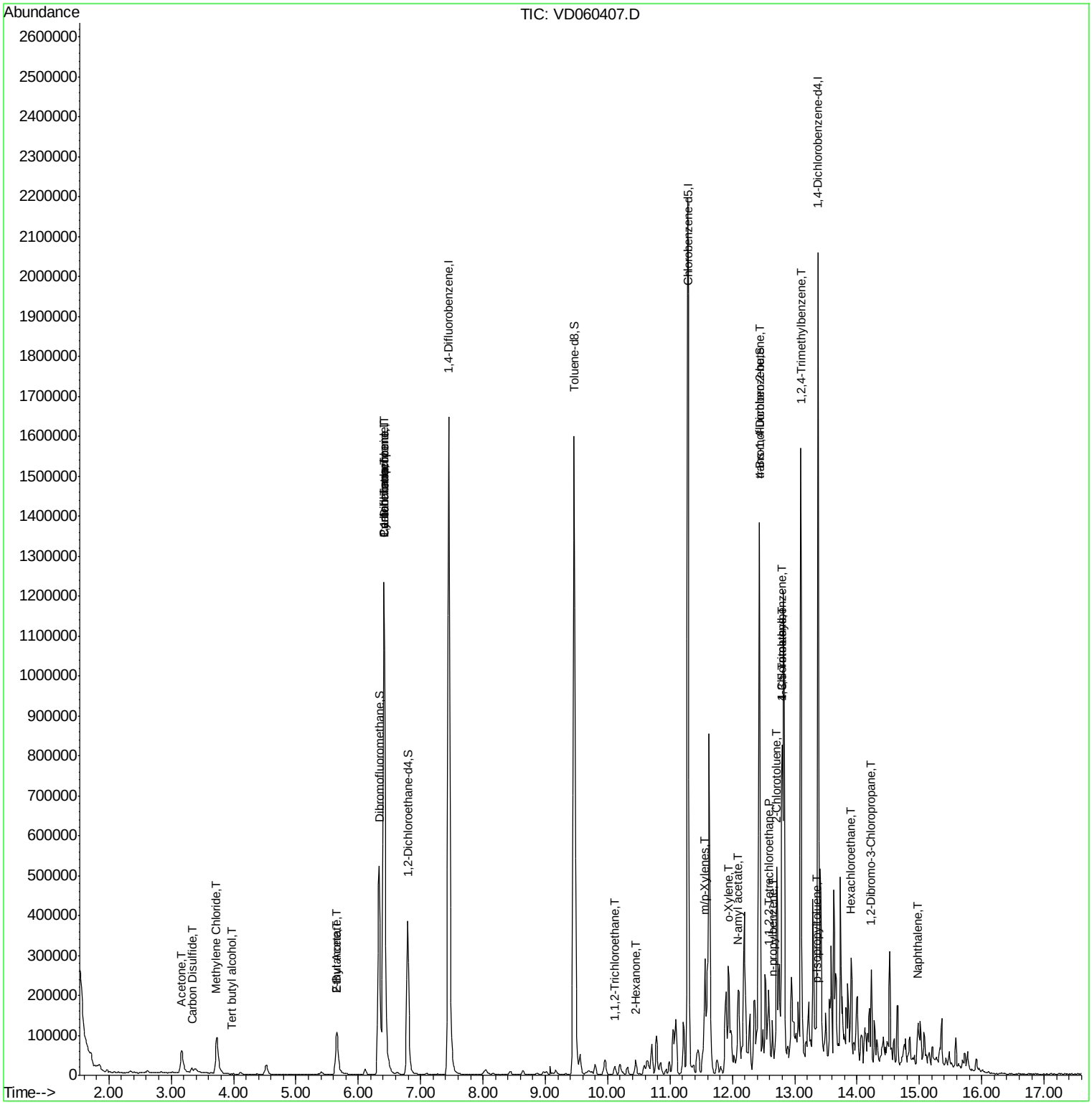
(#) = qualifier out of range (m) = manual integration (+) = signals summed

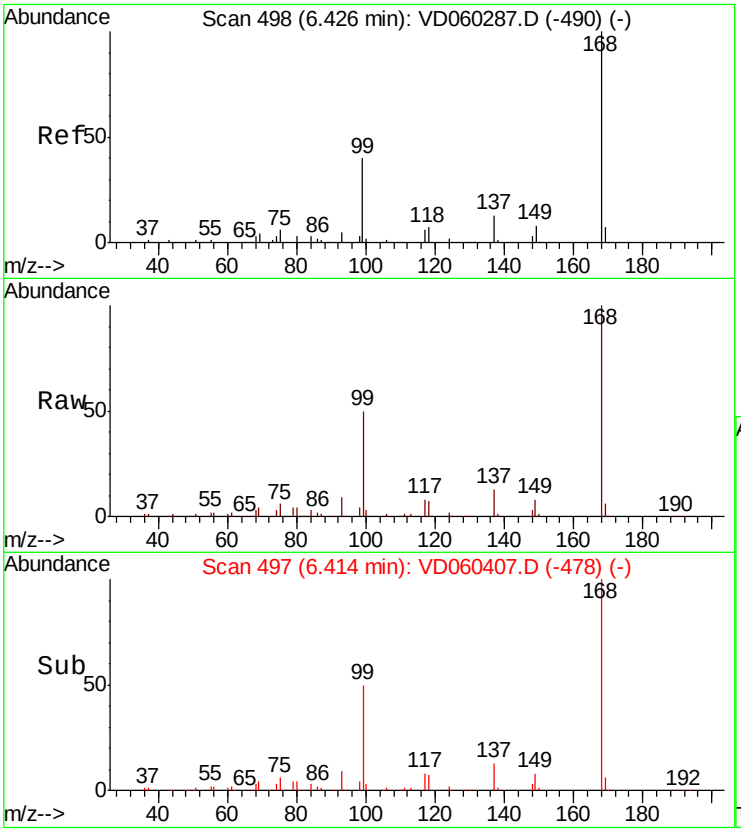
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
Data File : VD060407.D
Acq On : 16 Nov 2018 19:28
Operator : JC/SY
Sample : J5970-04
Misc : 6.89g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Quant Time: Nov 17 03:03:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



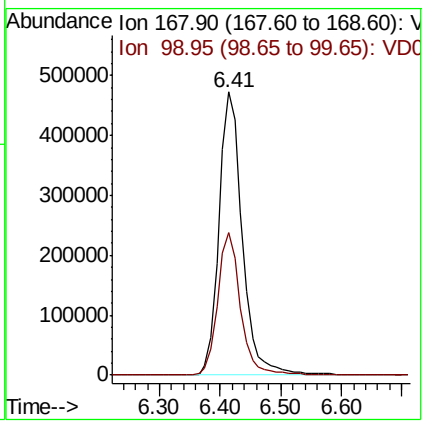


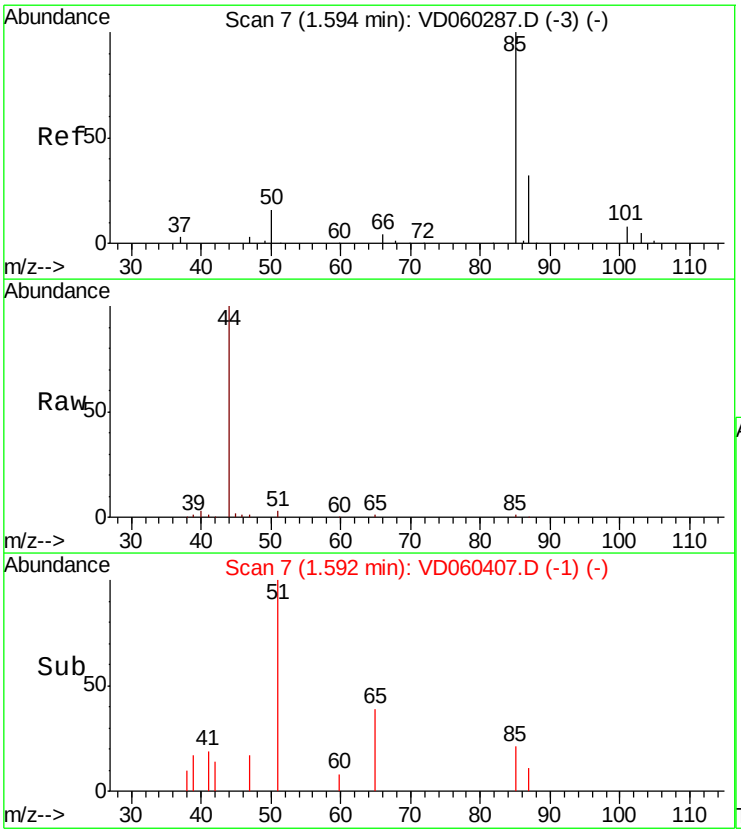
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion:168 Resp: 1261604

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.8	59.8

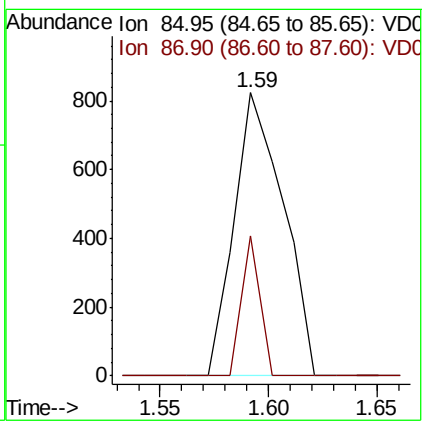


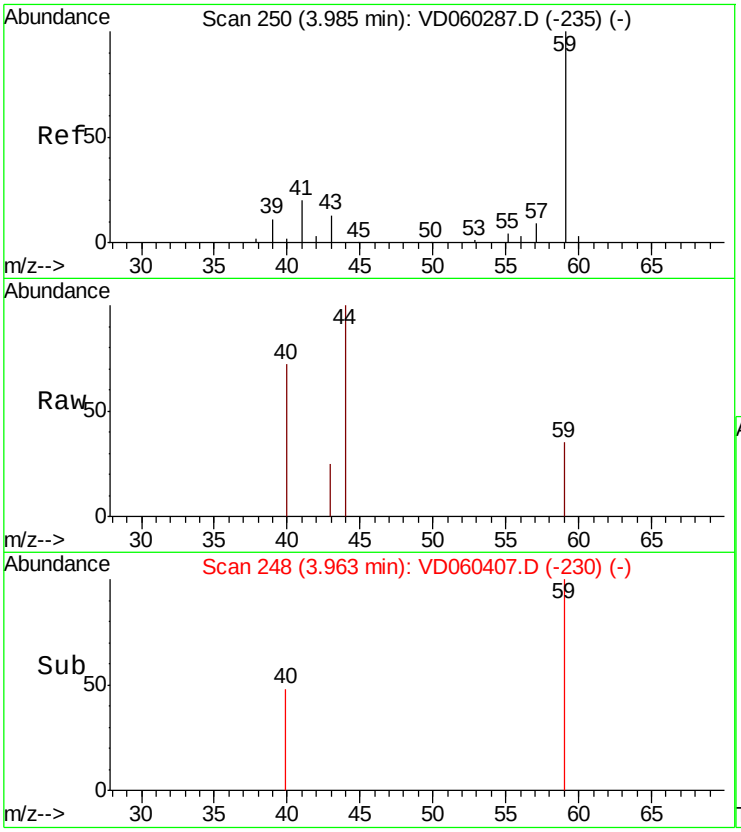


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.59 min Scan# 7
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 85 Resp: 1294

Ion	Ratio	Lower	Upper
85	100		
87	49.5	16.8	50.4



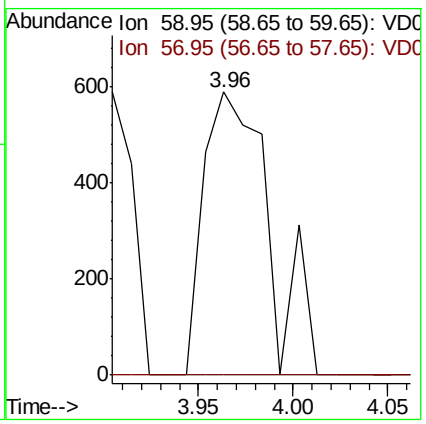


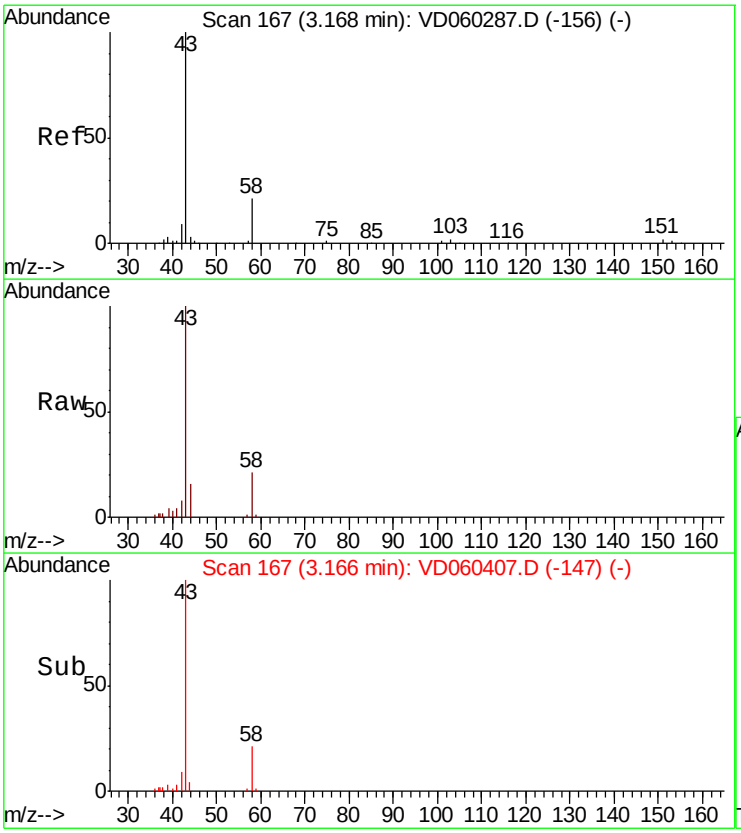
#11
Tert butyl alcohol
Concen: 3.807 ug/l
RT: 3.96 min Scan# 248
Delta R.T. -0.02 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 59 Resp: 1412

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

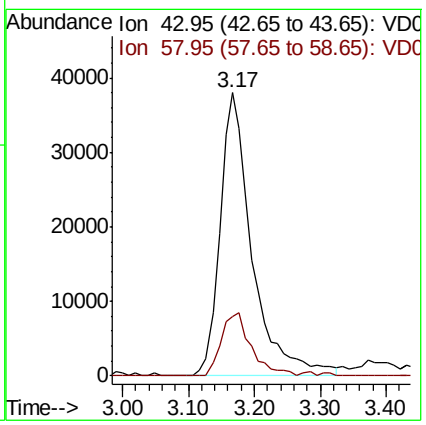


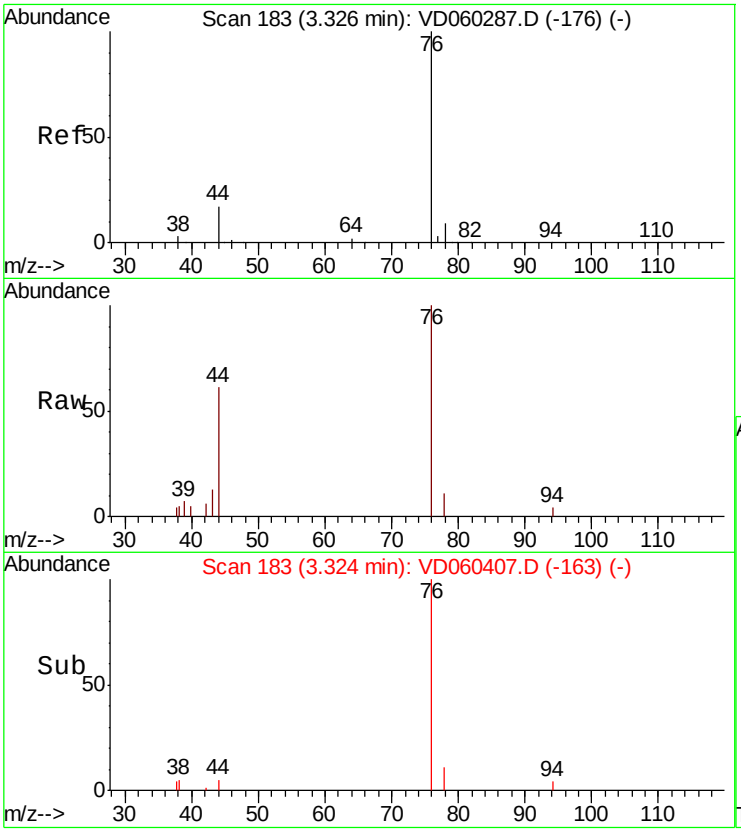


#16
Acetone
Concen: 81.858 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 43 Resp: 128265

Ion	Ratio	Lower	Upper
43	100		
58	20.8	16.9	25.3



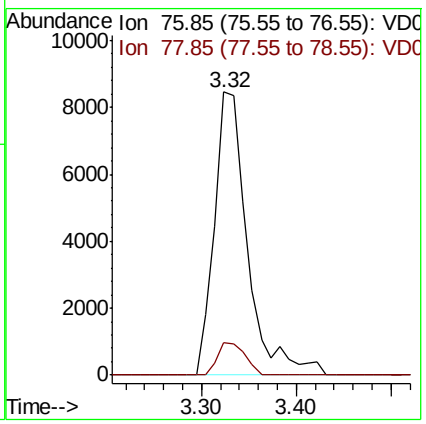


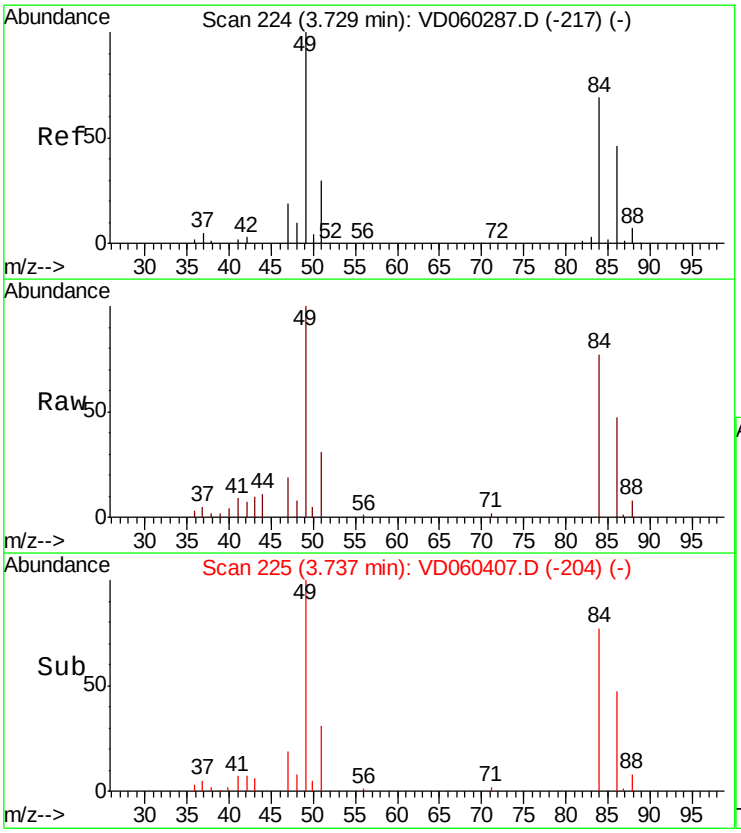
#17
Carbon Disulfide
Concen: 1.033 ug/l
RT: 3.32 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 76 Resp: 20530

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.0	10.4#

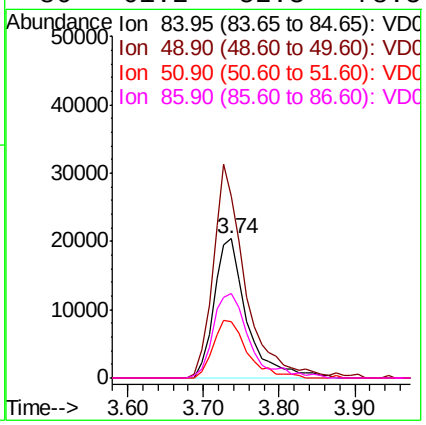


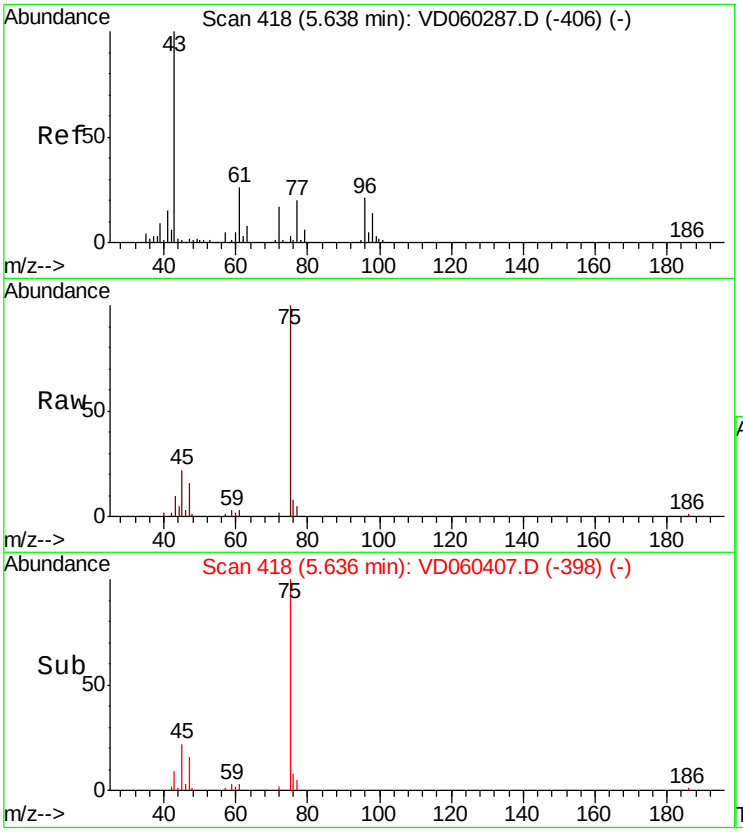


#20
Methylene Chloride
Concen: 4.416 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 84 Resp: 61380

Ion	Ratio	Lower	Upper
84	100		
49	130.7	115.6	173.4
51	40.2	35.6	53.4
86	61.2	52.3	78.5



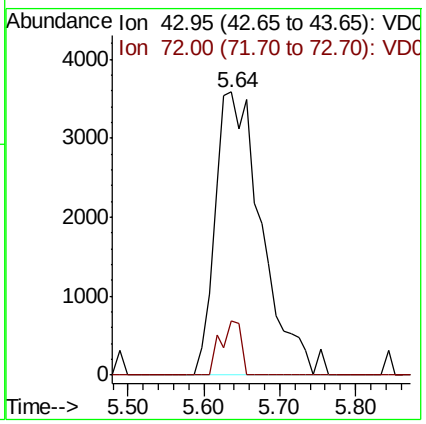


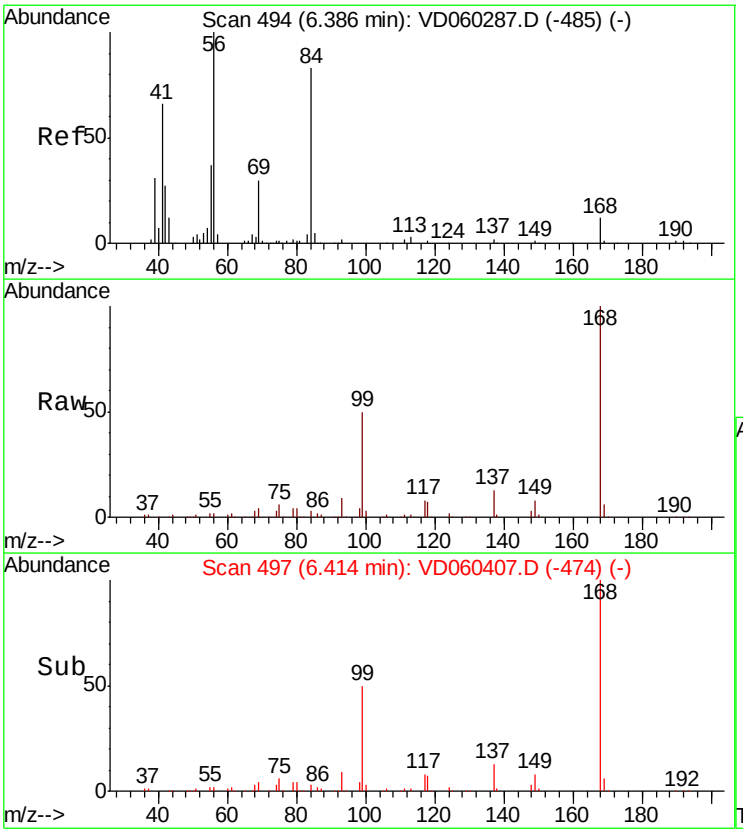
#25
2-Butanone
Concen: 4.714 ug/l
RT: 5.64 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion: 43 Resp: 15352

Ion	Ratio	Lower	Upper
43	100		
72	19.0	13.8	20.8

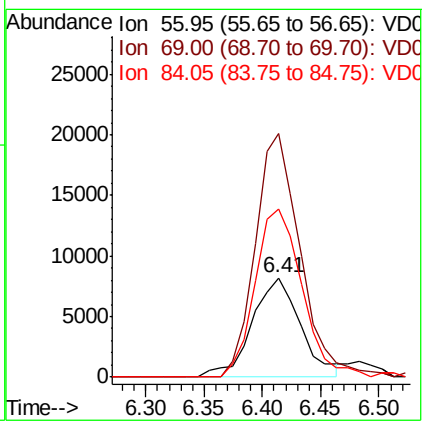


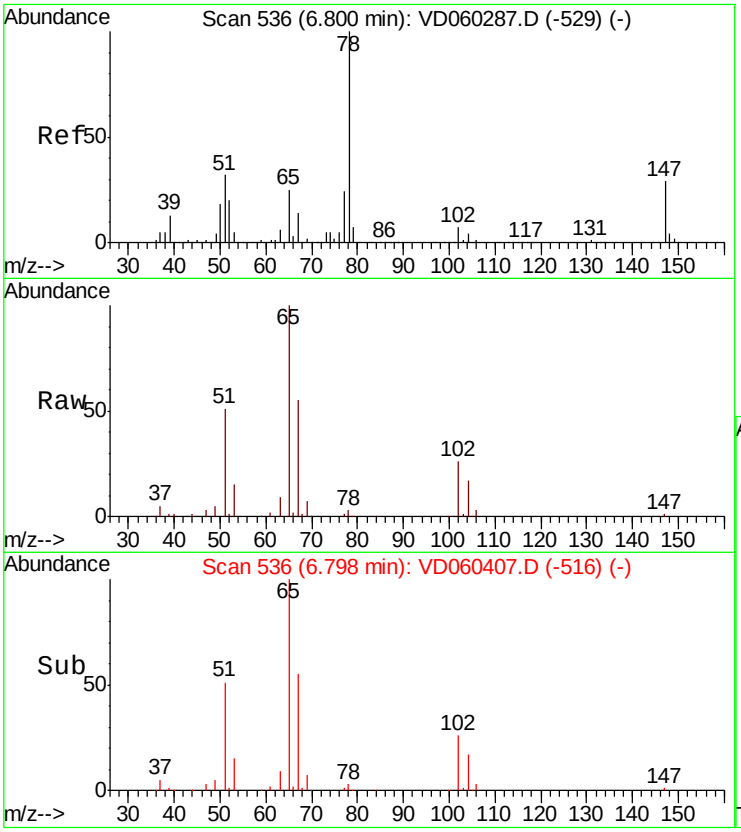


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 6.41 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 56 Resp: 23459

Ion	Ratio	Lower	Upper
56	100		
69	245.8	22.2	33.2#
84	169.5	63.0	94.4#



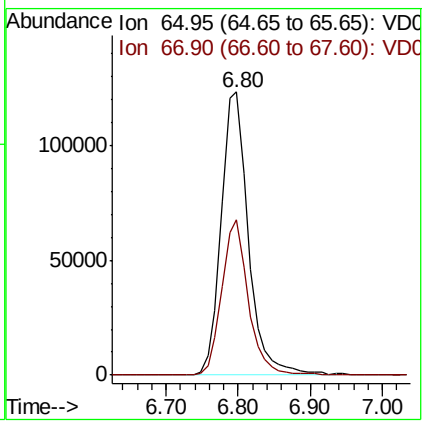


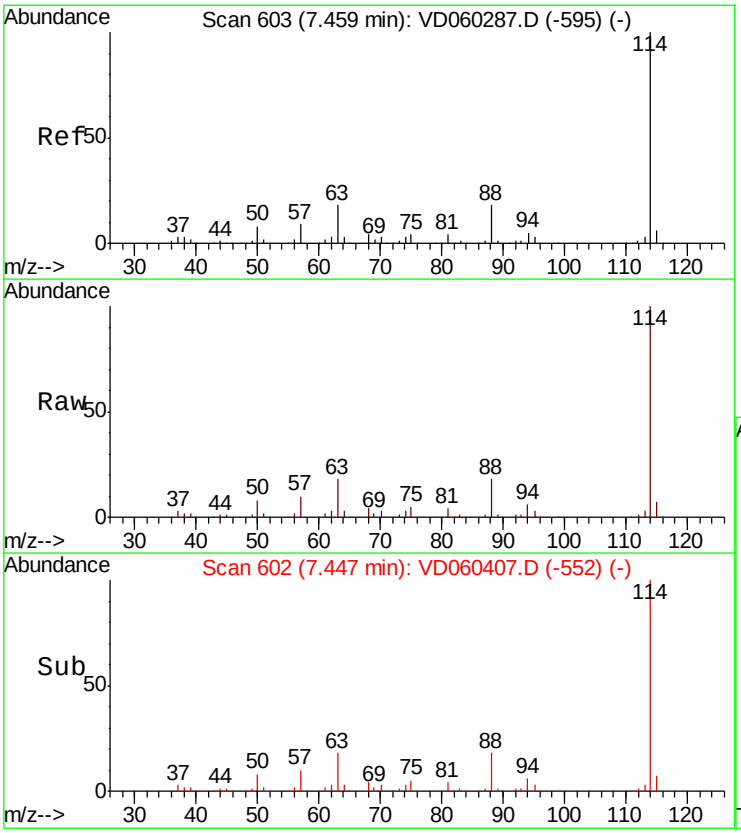
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 65 Resp: 322622

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.8

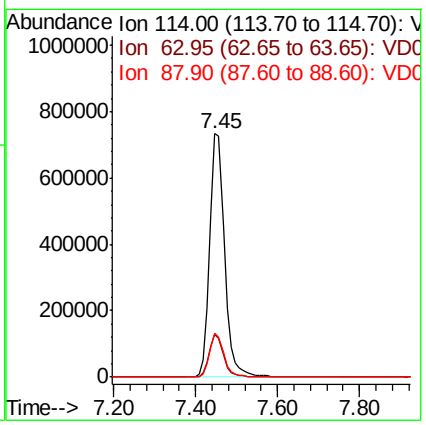


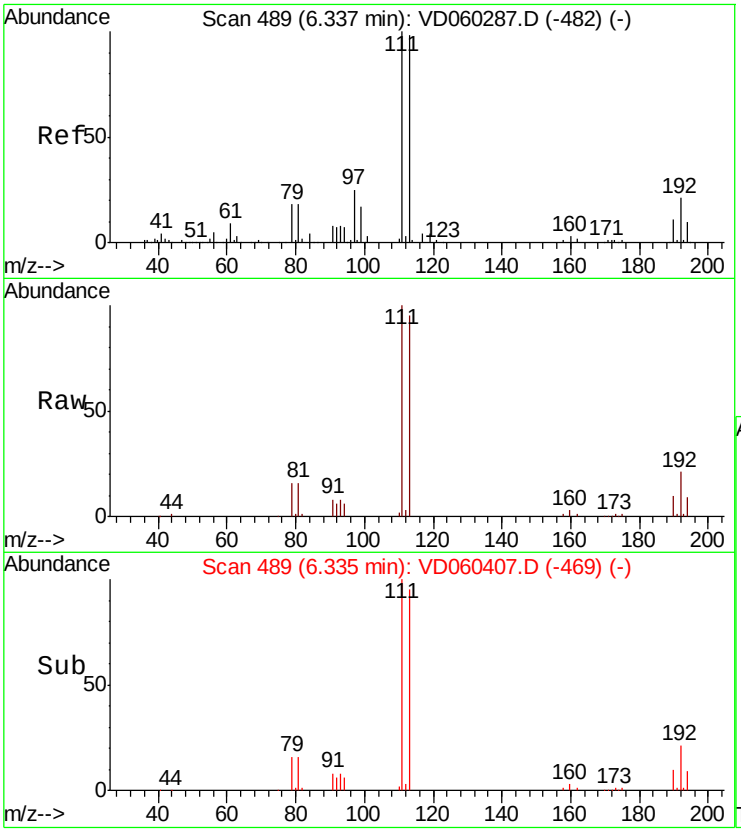


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:114 Resp: 1844003

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.0
88	18.3	0.0	35.4



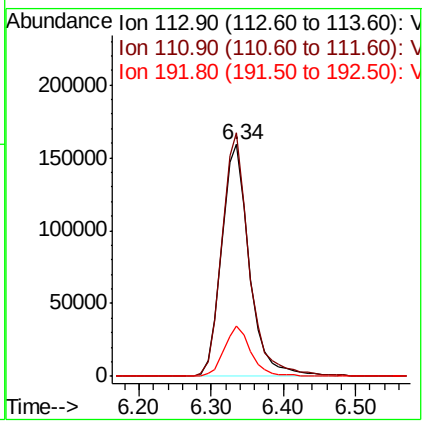


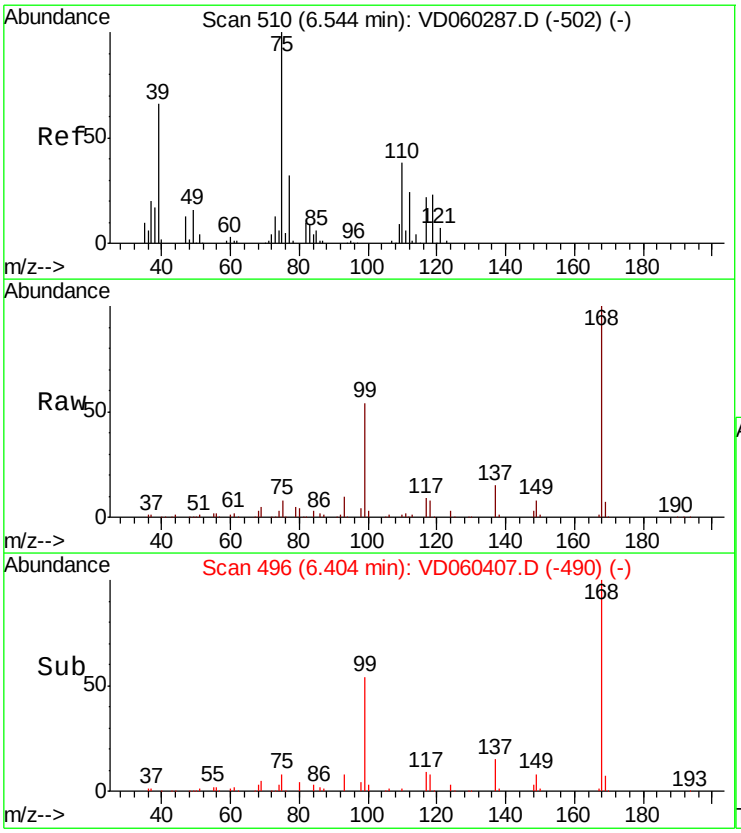
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion:113 Resp: 423475

Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.6	122.4
192	21.8	16.5	24.7

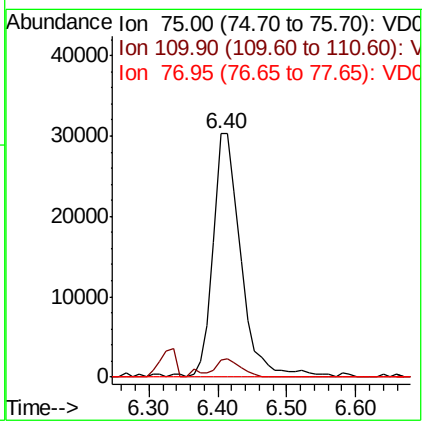


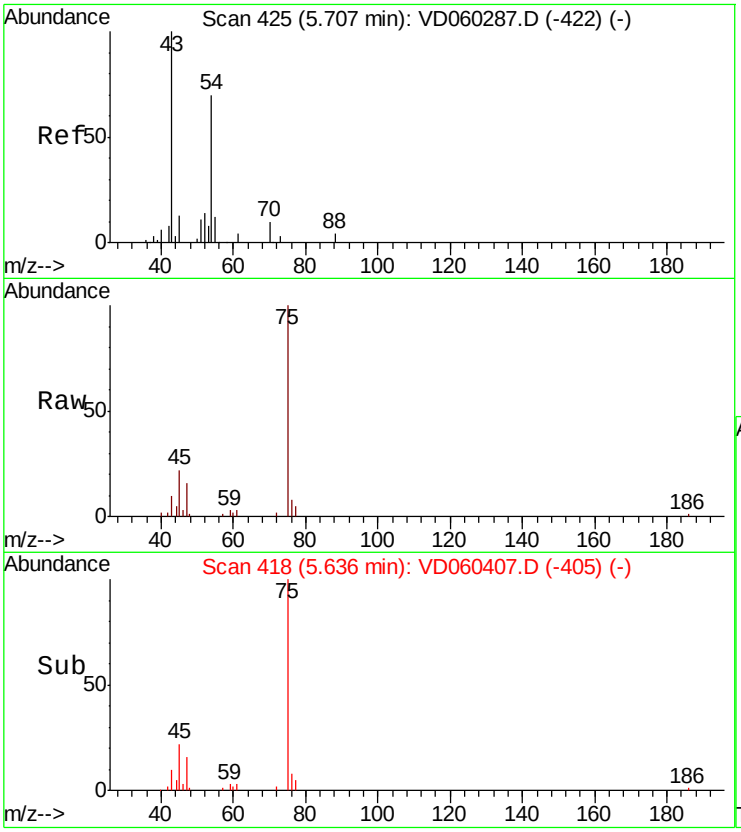


#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.14 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 75 Resp: 84691

Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.0	54.0#
77	0.0	25.6	38.4#



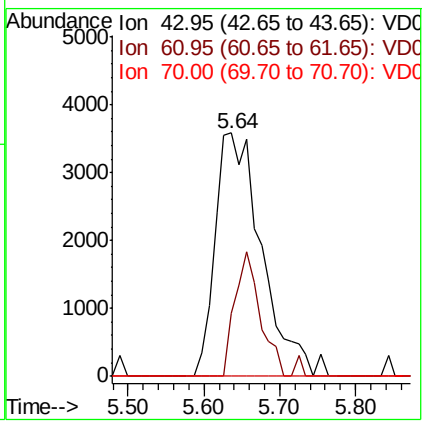


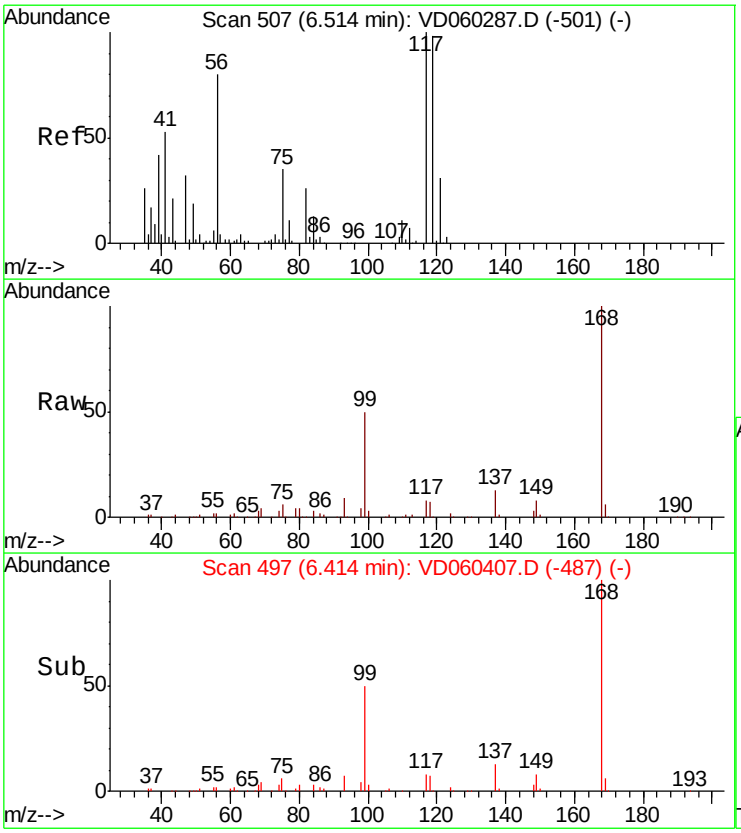
#37
Ethyl Acetate
Concen: 1.831 ug/l
RT: 5.64 min Scan# 418
Delta R.T. -0.07 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 43 Resp: 15352

Ion	Ratio	Lower	Upper
43	100		
61	25.7	11.8	17.6#
70	0.0	6.2	9.4#

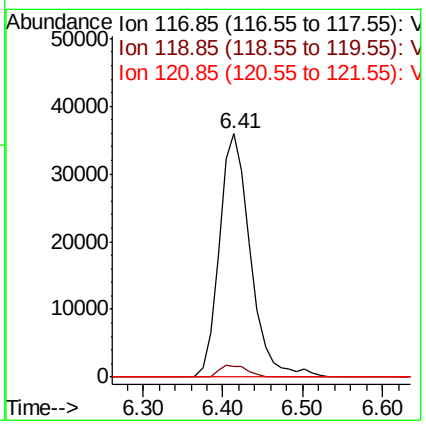


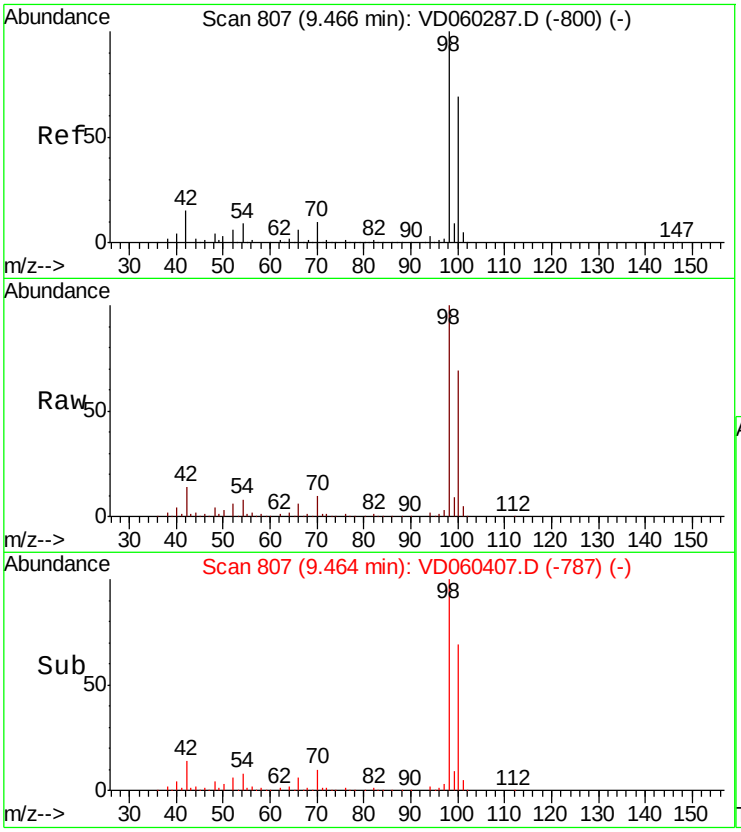


#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:117 Resp: 98270

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.6	115.0#
121	0.0	24.3	36.5#



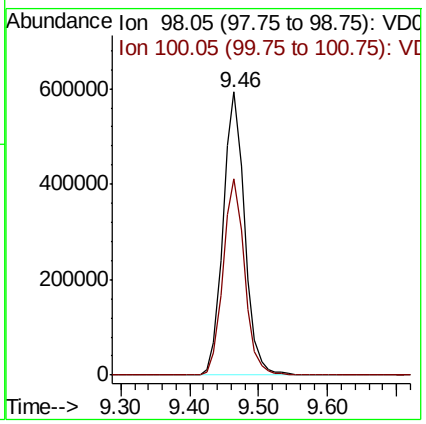


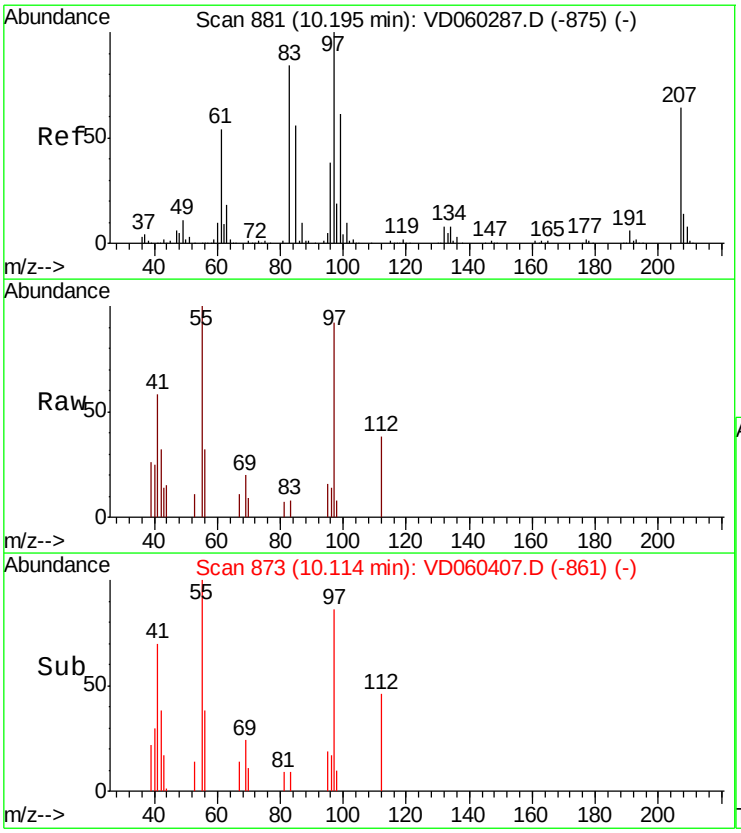
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion: 98 Resp: 1281639

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.2	82.8

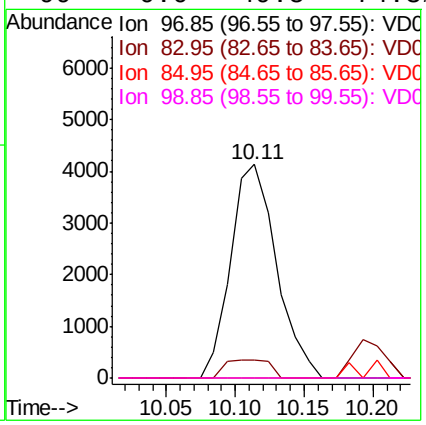


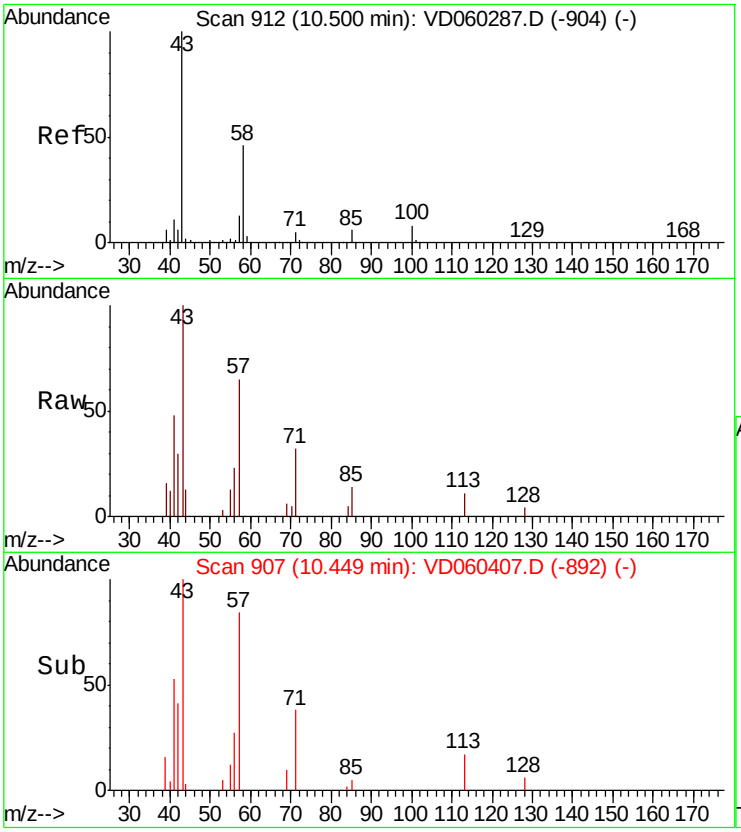


#55
1,1,2-Trichloroethane
Concen: 1.113 ug/l
RT: 10.11 min Scan# 873
Delta R.T. -0.08 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 97 Resp: 9580

Ion	Ratio	Lower	Upper
97	100		
83	8.2	68.4	102.6#
85	0.0	46.8	70.2#
99	0.0	49.5	74.3#



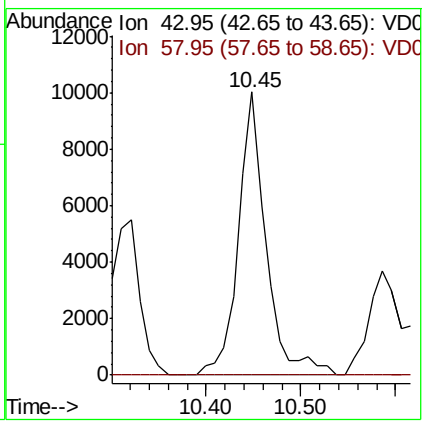


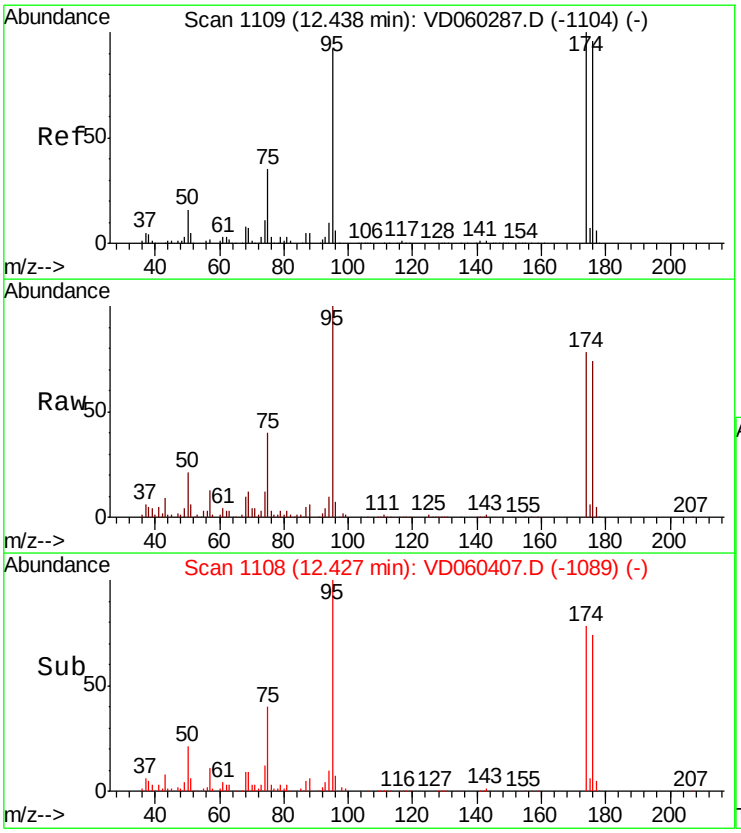
#59
2-Hexanone
Concen: 4.154 ug/l
RT: 10.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 43 Resp: 20291

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	68.5#

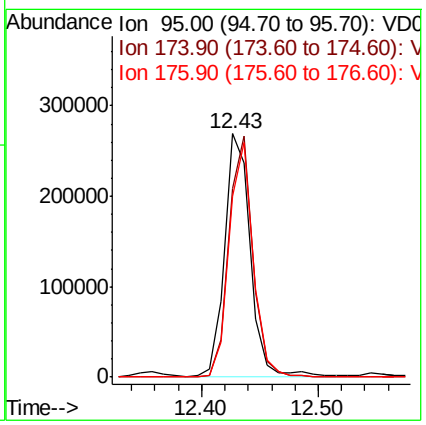


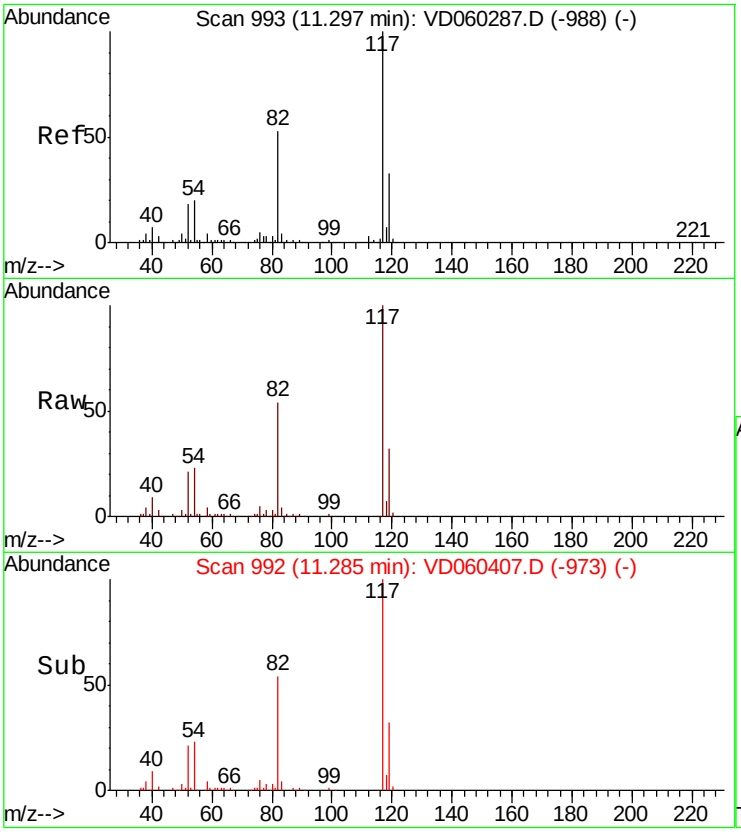


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 95 Resp: 408487

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	160.8
176	74.1	0.0	154.6



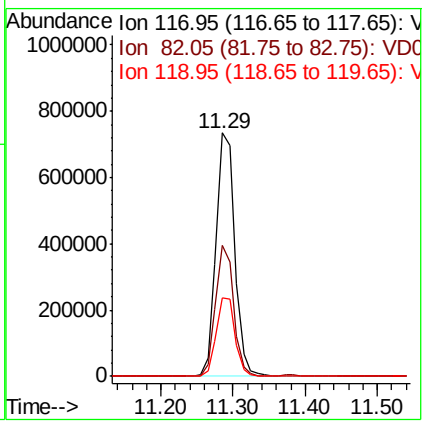


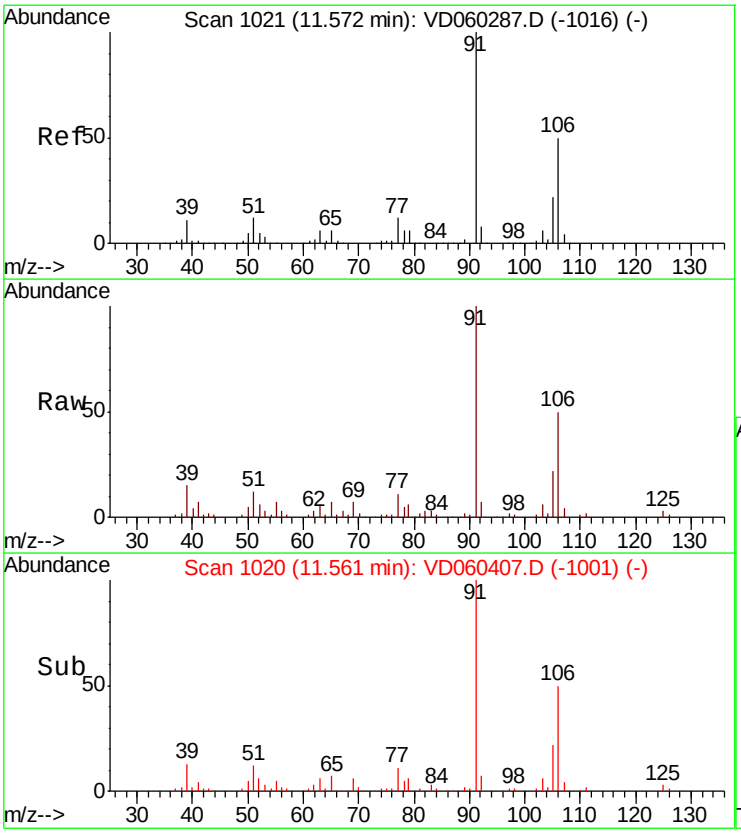
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion:117 Resp: 1306547

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.3	26.1	39.1

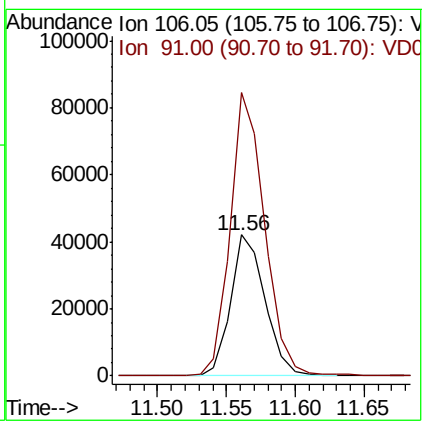


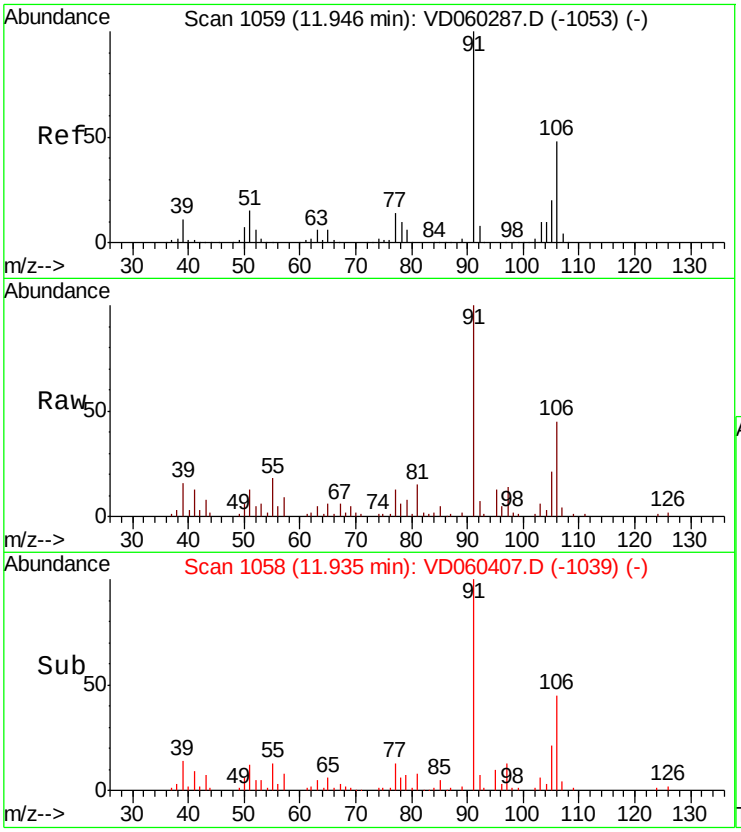


#68
m/p-Xylenes
Concen: 4.084 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:106 Resp: 72958

Ion	Ratio	Lower	Upper
106	100		
91	200.8	159.4	239.2



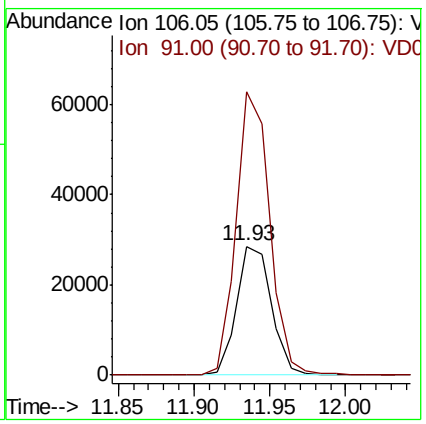


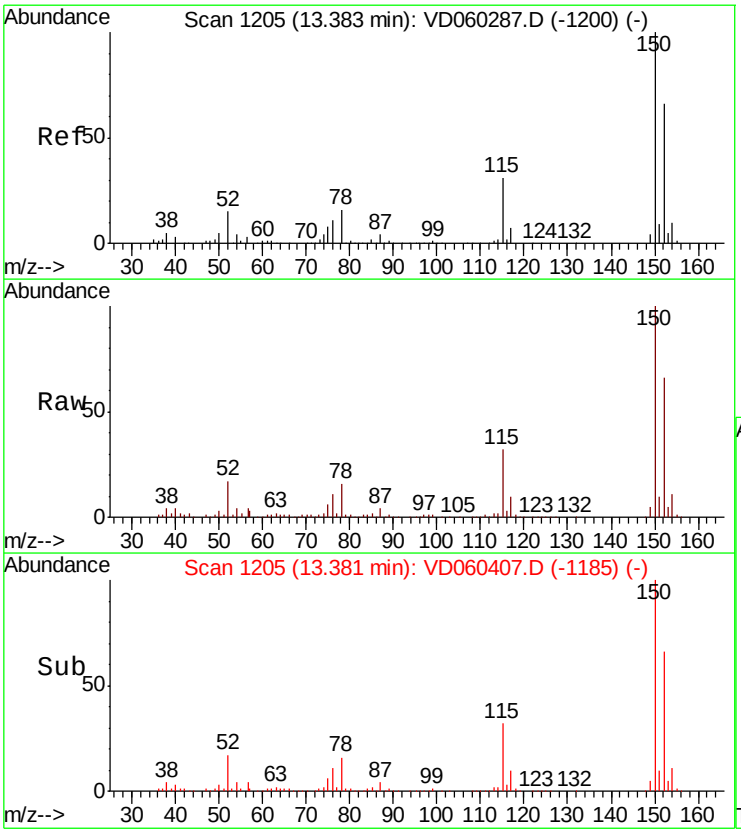
#69
o-Xylene
Concen: 2.649 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion:106 Resp: 45712

Ion	Ratio	Lower	Upper
106	100		
91	219.9	109.2	327.6

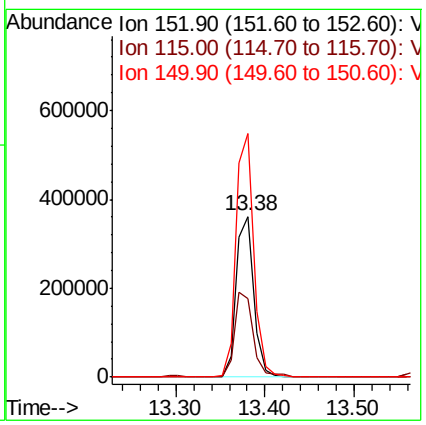


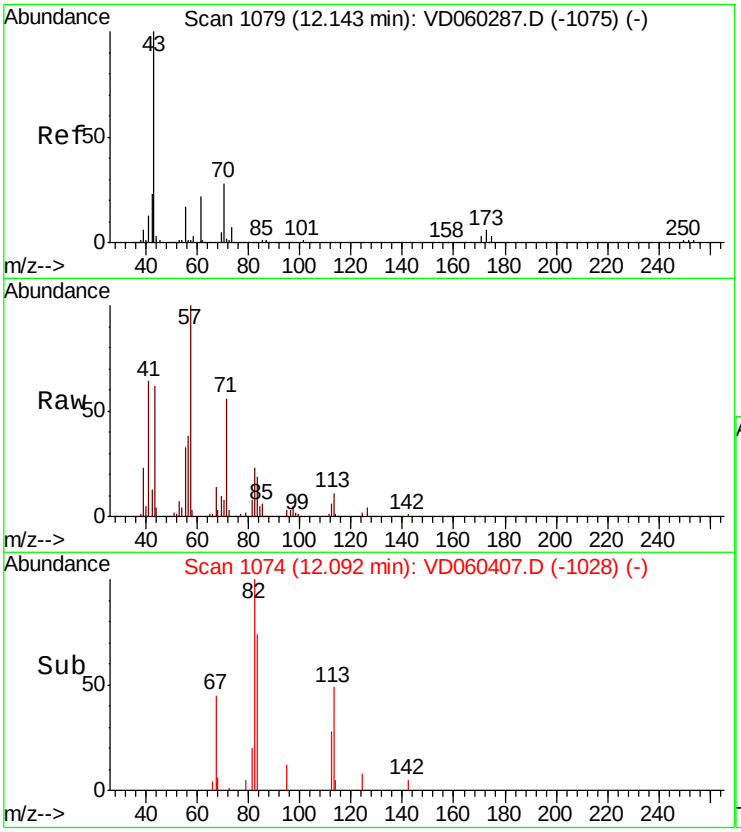


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:152 Resp: 504731

Ion	Ratio	Lower	Upper
152	100		
115	48.9	24.1	72.3
150	151.3	0.0	310.6



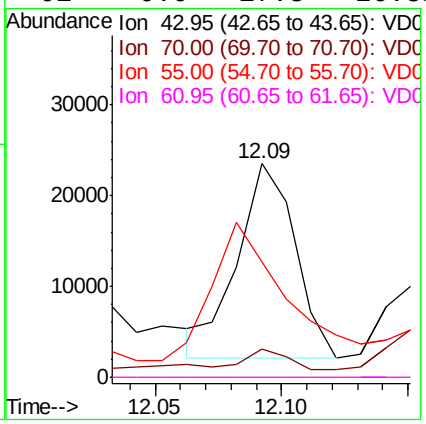


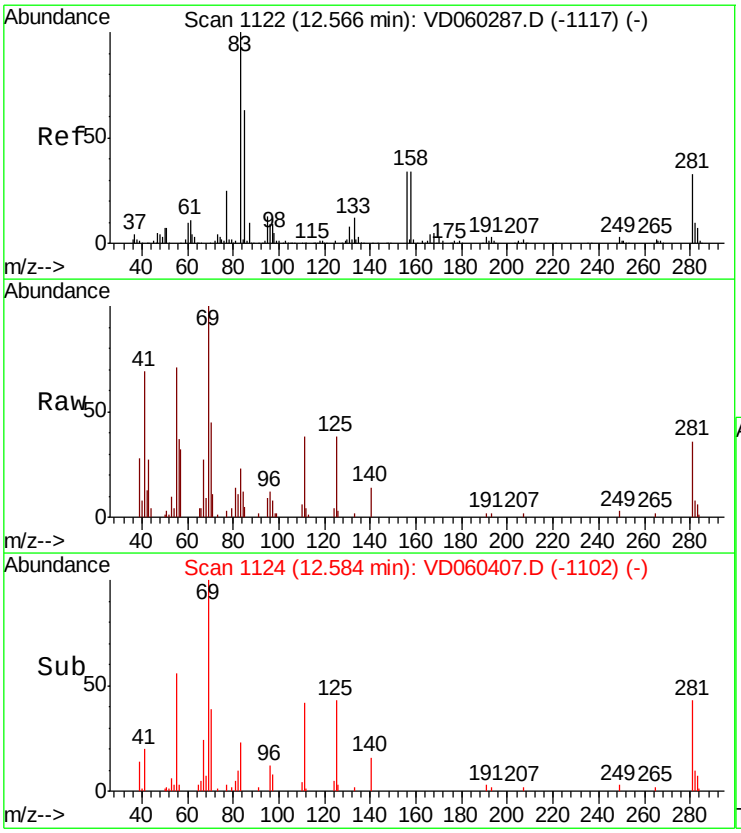
#74
N-amyl acetate
Concen: 3.608 ug/l
RT: 12.09 min Scan# 1074
Delta R.T. -0.05 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 43 Resp: 34016

Ion	Ratio	Lower	Upper
43	100		
70	13.3	23.0	34.4#
55	54.0	14.2	21.4#
61	0.0	17.8	26.8#

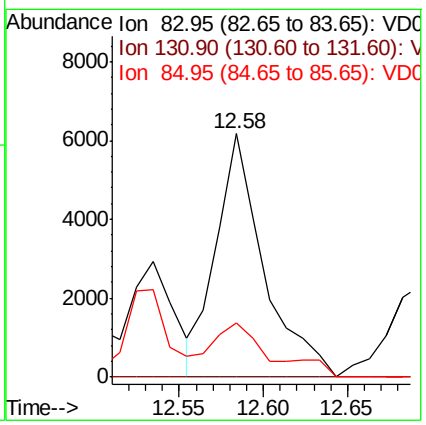


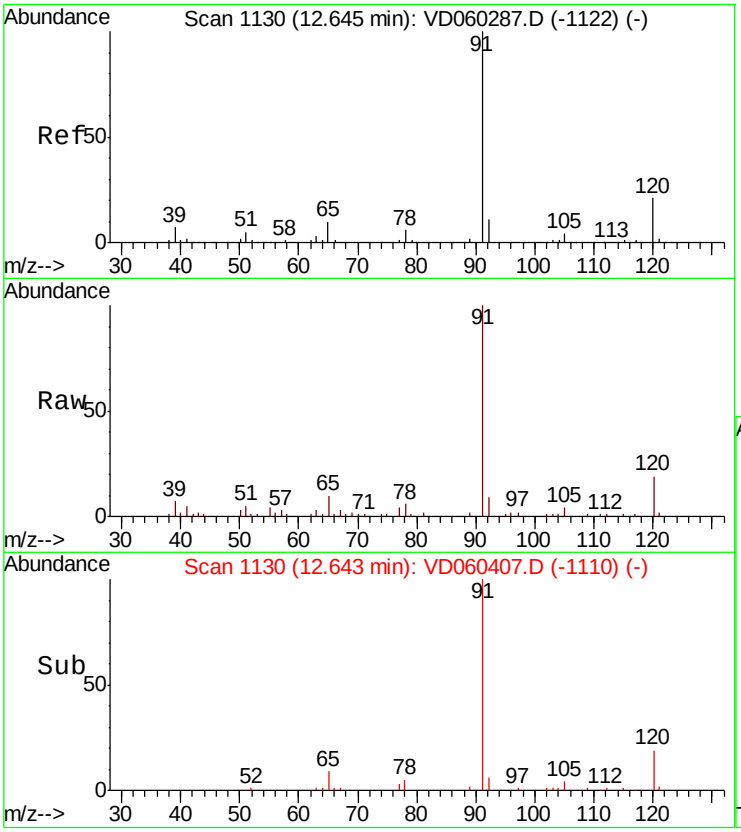


#75
1,1,2,2-Tetrachloroethane
Concen: 2.007 ug/l
RT: 12.58 min Scan# 1124
Delta R.T. 0.02 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 83 Resp: 12070

Ion	Ratio	Lower	Upper
83	100		
131	0.0	3.9	11.5#
85	22.4	32.0	96.0#



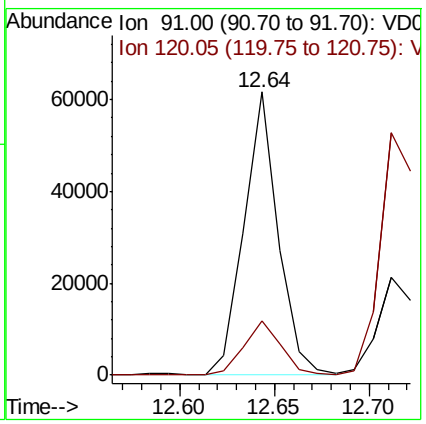


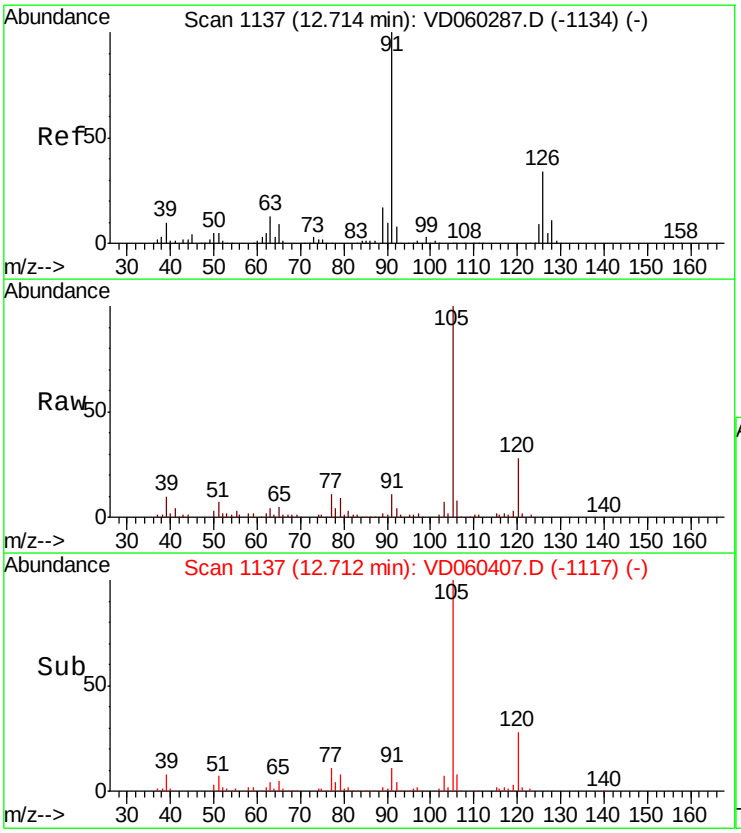
#78
n-propylbenzene
Concen: 1.681 ug/l
RT: 12.64 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion: 91 Resp: 77141

Ion	Ratio	Lower	Upper
91	100		
120	19.1	10.4	31.4

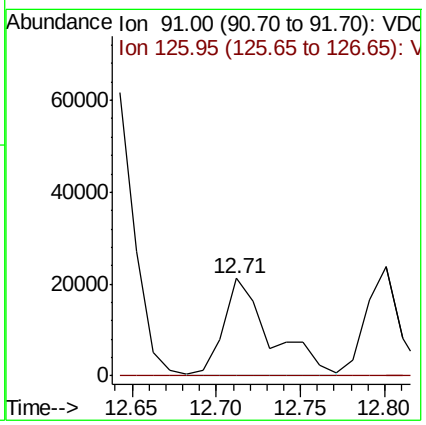


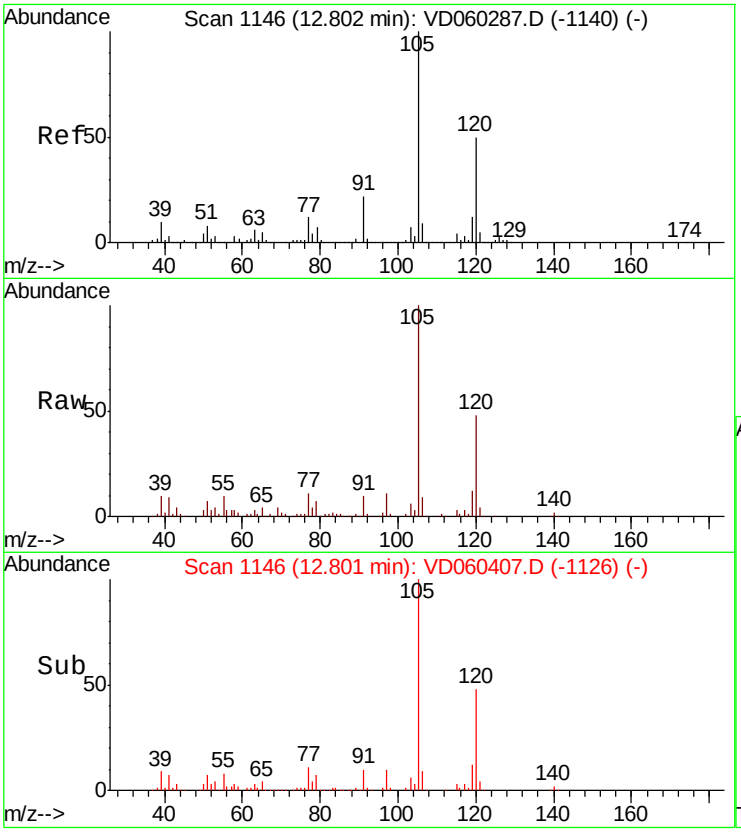


#79
2-Chlorotoluene
Concen: 1.642 ug/l
RT: 12.71 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 91 Resp: 41286

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#



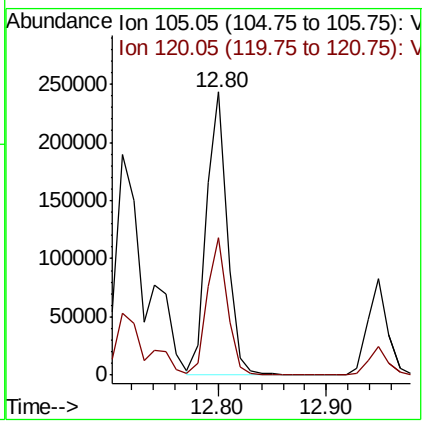


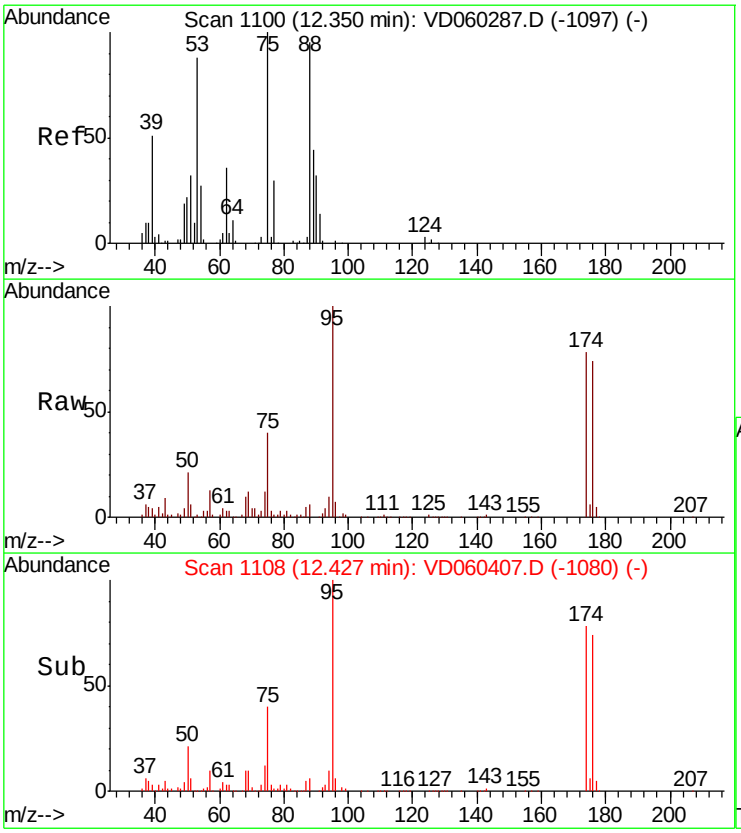
#80
1,3,5-Trimethylbenzene
Concen: 11.251 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion:105 Resp: 321543

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.4	73.4

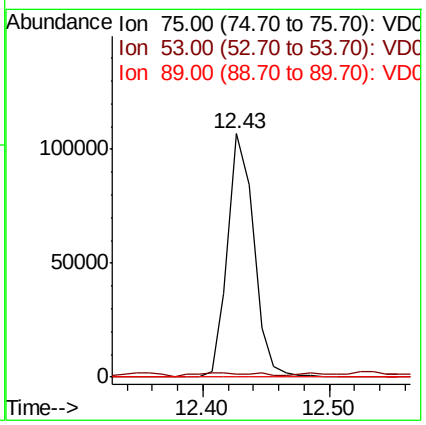


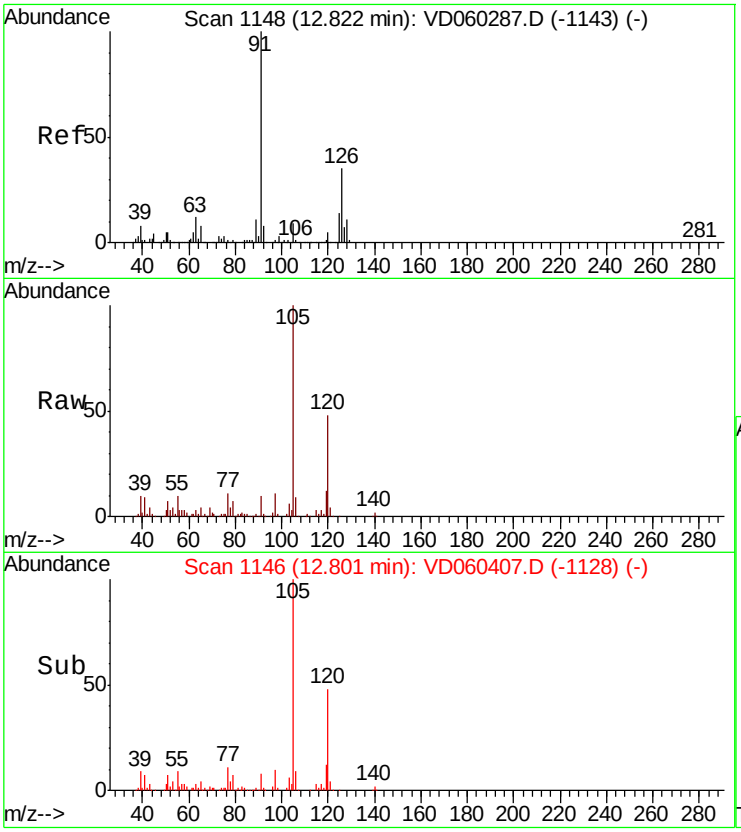


#81
trans-1,4-Dichloro-2-butene
Concen: 89.477 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.08 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion: 75 Resp: 153805

Ion	Ratio	Lower	Upper
75	100		
53	1.3	68.6	103.0#
89	0.0	34.1	51.1#



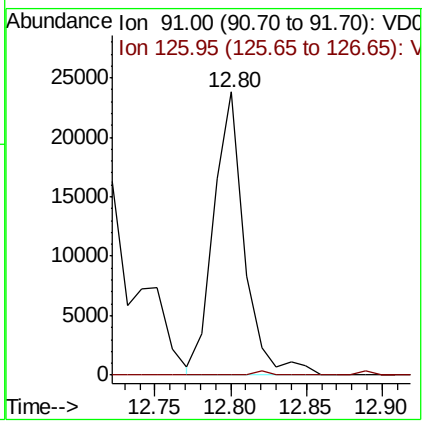


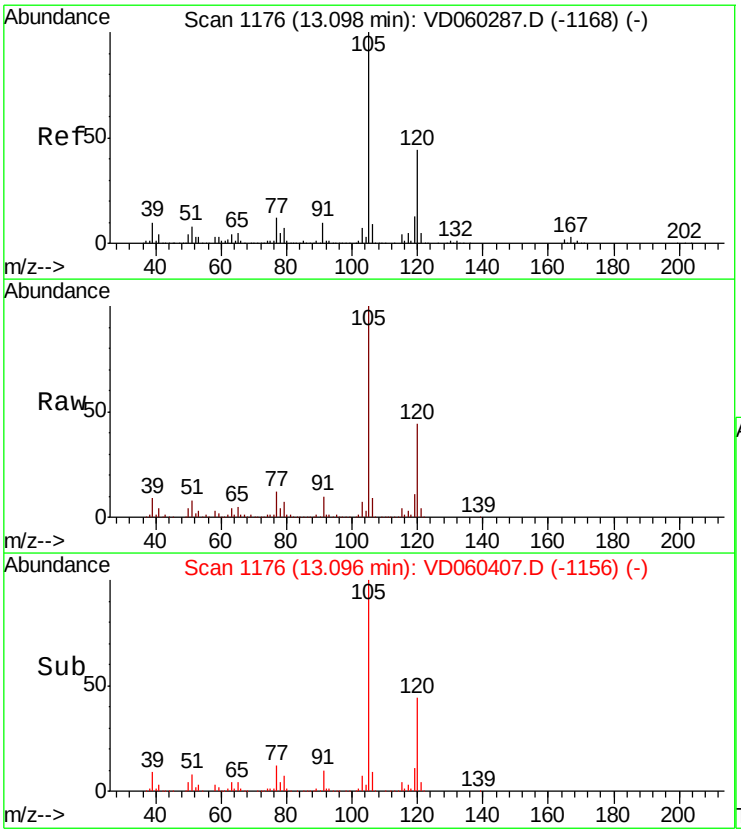
#82
4-Chlorotoluene
Concen: 1.194 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. -0.02 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion: 91 Resp: 33704

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.8	44.4#

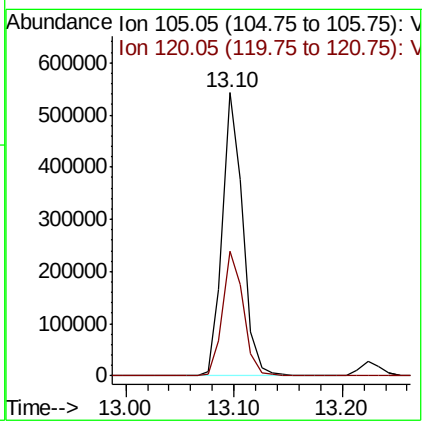


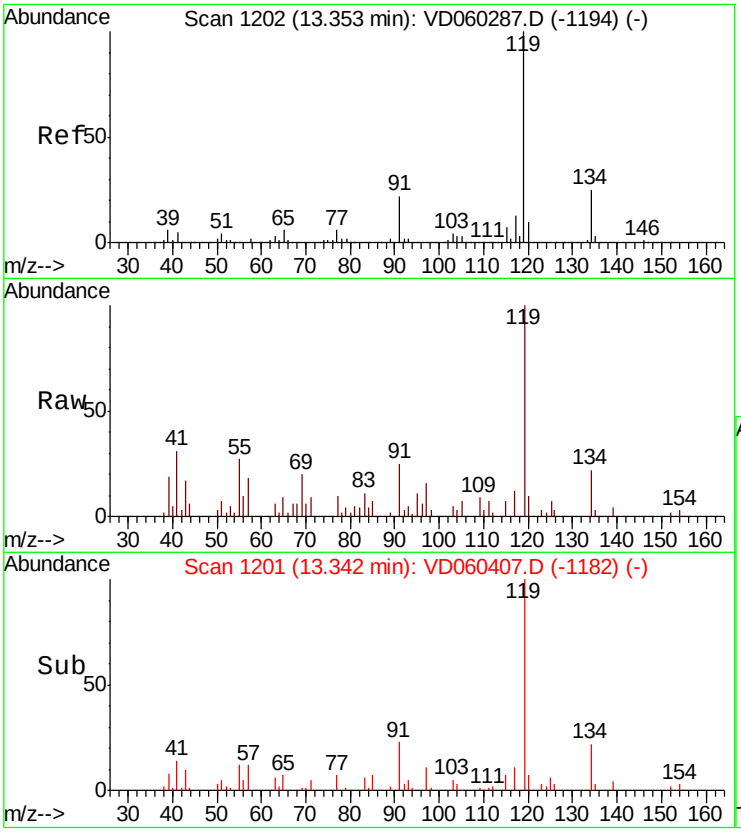


#84
1,2,4-Trimethylbenzene
Concen: 24.930 ug/l
RT: 13.10 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:105 Resp: 711523

Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.8



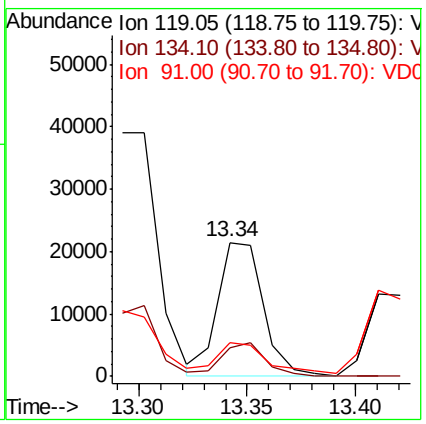


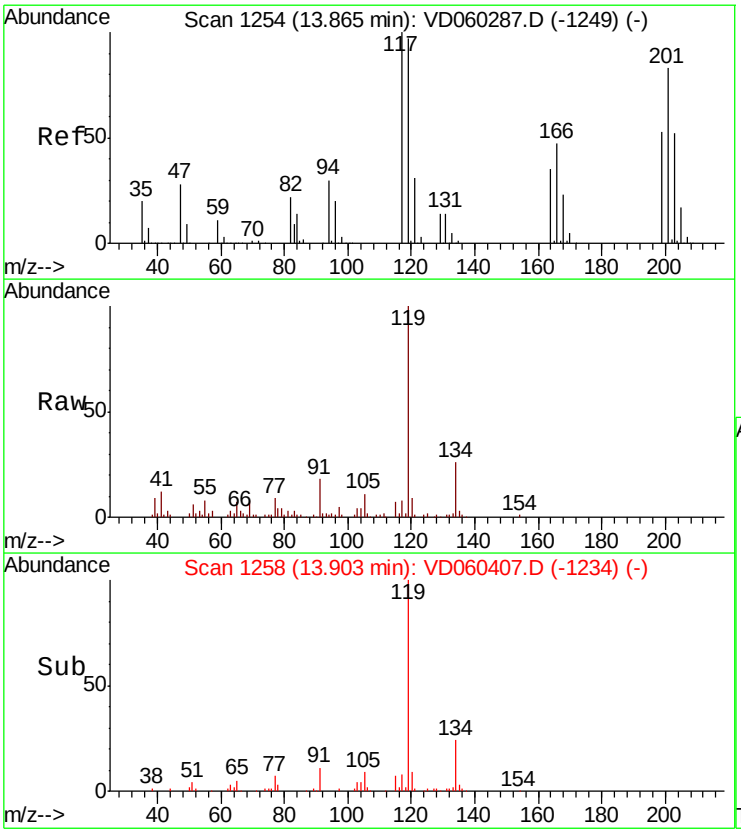
#86
p-Isopropyltoluene
Concen: 1.010 ug/l
RT: 13.34 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-B

Tgt Ion:119 Resp: 31666

Ion	Ratio	Lower	Upper
119	100		
134	21.6	12.9	38.6
91	24.9	11.3	33.8

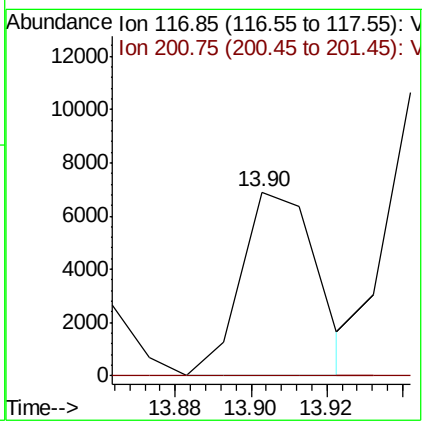


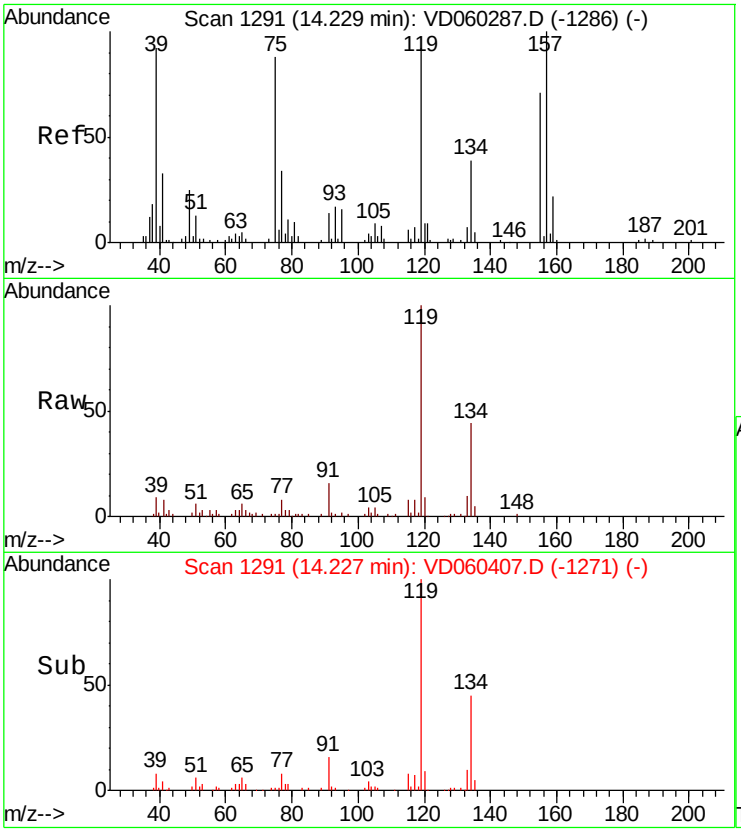


#90
Hexachloroethane
Concen: 1.283 ug/l
RT: 13.90 min Scan# 1258
Delta R.T. 0.04 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:117 Resp: 9537

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.1	120.3#



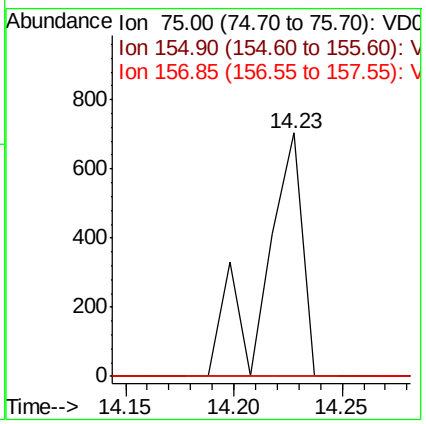


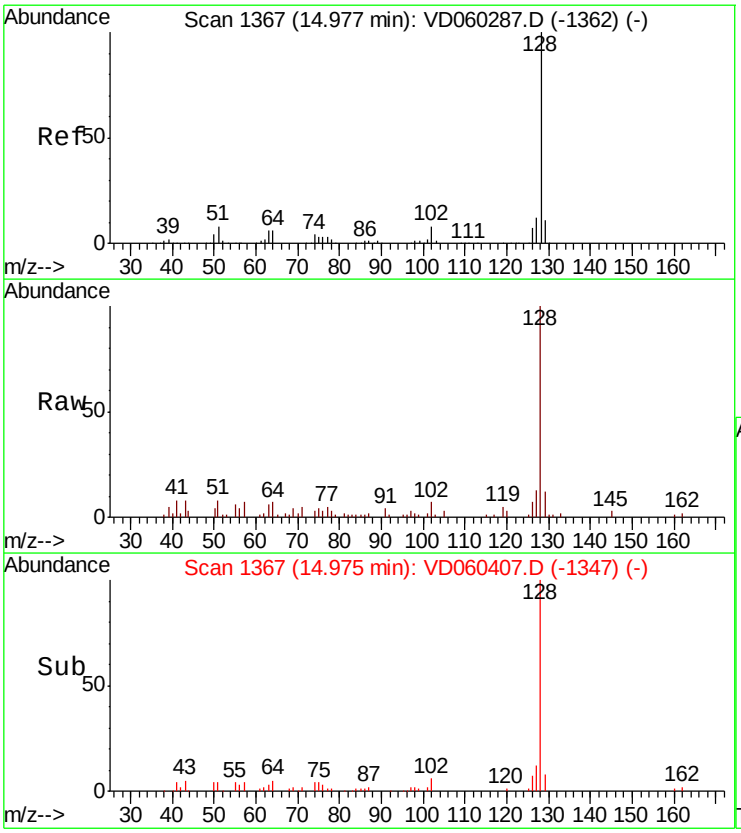
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.179 ug/l
RT: 14.23 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-B

Tgt Ion: 75 Resp: 856

Ion	Ratio	Lower	Upper
75	100		
155	0.0	64.3	192.9#
157	0.0	81.0	243.1#





#95
Naphthalene
Concen: 3.883 ug/l
RT: 14.98 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VD060407.D
Acq: 16 Nov 2018 19:28

Tgt Ion:128 Resp: 53657

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.6	14.4
129	12.0	8.6	12.8