Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061848.D
Acq On : 17 Apr 2019 13:07
Operator : VA/AP
Sample : K2347-03
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BCOG03

Quant Time: Apr 17 13:48:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	417355	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	784773	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	438078	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	125357	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	201242	57.53	ug/l	-0.05
Spiked Amount 50.000			Recovery = 115.06%			
35) Dibromofluoromethane	6.92	113	300445	50.67	ug/l	-0.05
Spiked Amount 50.000			Recovery = 101.34%			
50) Toluene-d8	10.41	98	494106	35.17	ug/l	-0.04
Spiked Amount 50.000			Recovery = 70.34%			
62) 4-Bromofluorobenzene	13.47	95	64982	11.41	ug/l	-0.11
Spiked Amount 50.000			Recovery = 22.82%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	854	Below Cal	#	12
10) Methyl Iodide	3.33	142	421	3.567	ug/l #	37
16) Acetone	3.23	43	2755	3.196	ug/l	100
18) Methyl Acetate	3.66	43	1918	1.110	ug/l #	53
20) Methylene Chloride	3.82	84	85078	16.809	ug/l	92
31) Cyclohexane	7.04	56	6577	1.242	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	28801	4.491	ug/l #	46
38) Carbon Tetrachloride	7.04	117	40652	5.020	ug/l #	16
51) 4-Methyl-2-Pentanone	10.40	43	4166	1.764	ug/l #	1
55) 1,1,2-Trichloroethane	11.10	97	13677	4.114	ug/l #	20
59) 2-Hexanone	11.48	43	41052	23.401	ug/l #	32
74) N-amyl acetate	13.33	43	793814	363.111	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	13.71	83	165542	103.013	ug/l #	60
78) n-propylbenzene	13.82	91	12269	1.306	ug/l #	54
79) 2-Chlorotoluene	13.89	91	5929	1.081	ug/l	79
80) 1,3,5-Trimethylbenzene	13.93	105	71500	11.084	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.55	75	49722	90.314	ug/l #	38
82) 4-Chlorotoluene	13.93	91	7508	1.195	ug/l	82
83) tert-Butylbenzene	14.19	119	8226	1.086	ug/l #	32
86) p-Isopropyltoluene	14.44	119	188889	25.783	ug/l	90
89) n-Butylbenzene	14.85	91	54265	8.368	ug/l #	14
90) Hexachloroethane	15.06	117	31317	15.683	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	15.38	75	1873	9.473	ug/l #	1

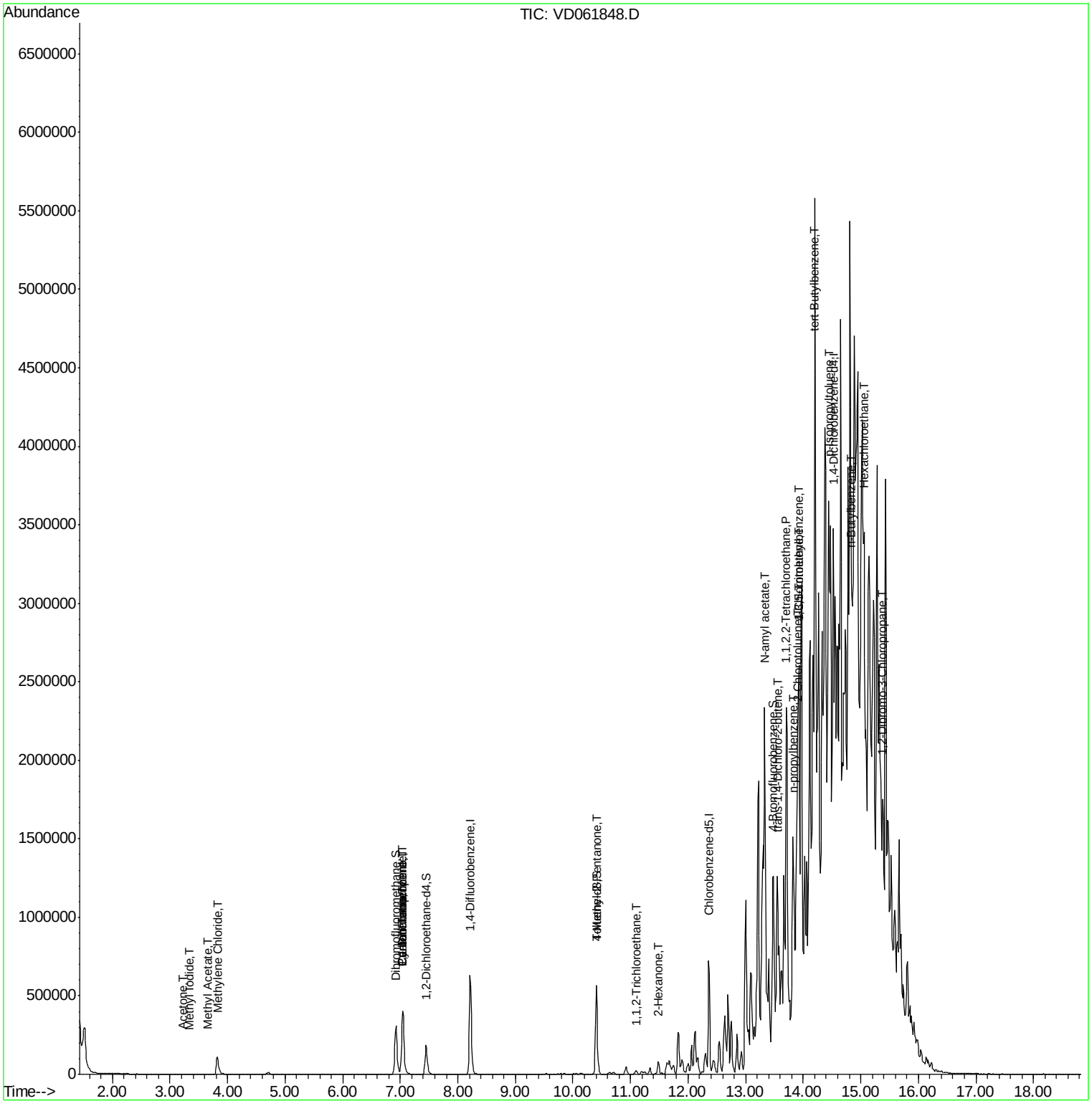
(#) = qualifier out of range (m) = manual integration (+) = signals summed

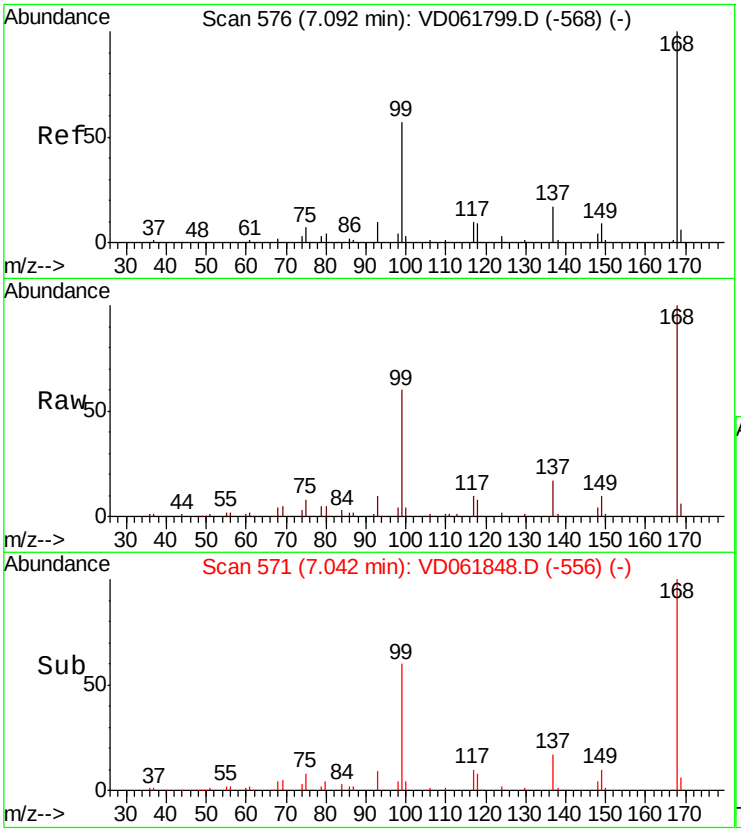
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061848.D
Acq On : 17 Apr 2019 13:07
Operator : VA/AP
Sample : K2347-03
Misc : 5.02g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Quant Time: Apr 17 13:48:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration



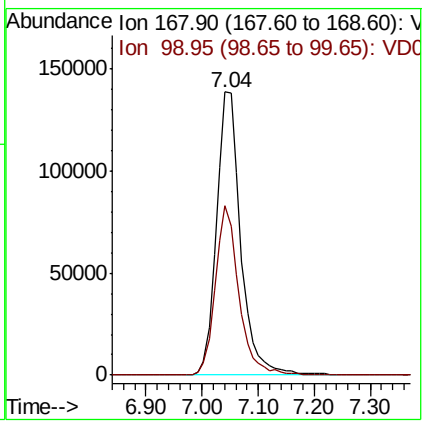


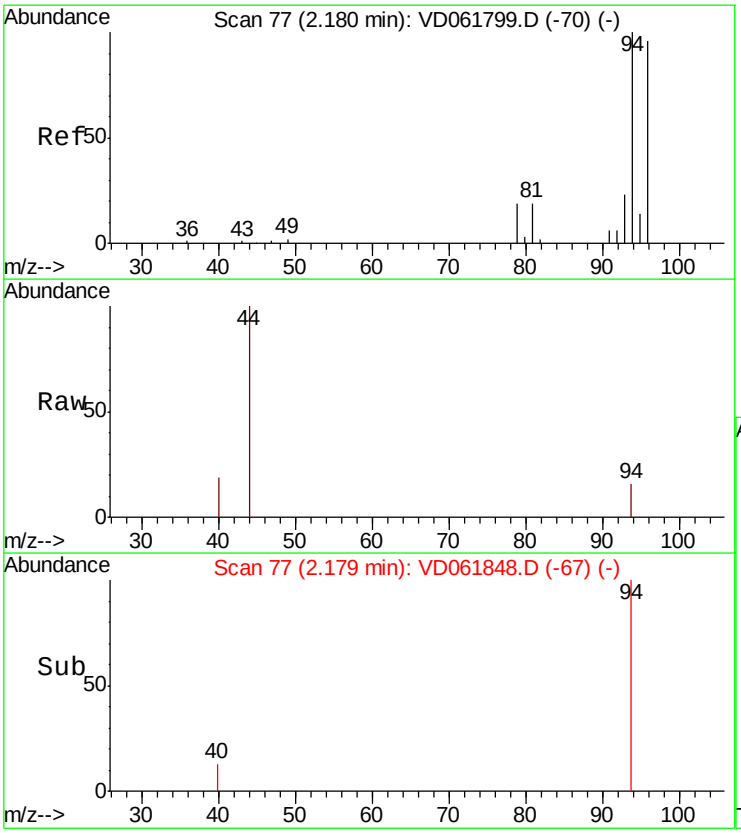
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion:168 Resp: 417355

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.5	69.7

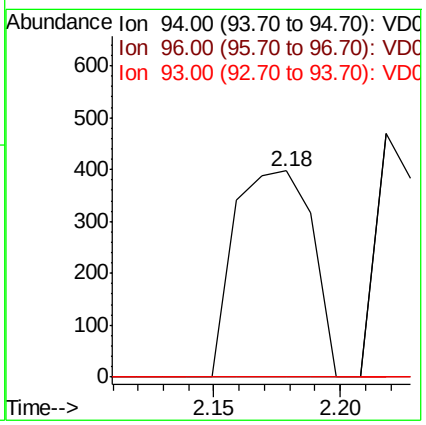


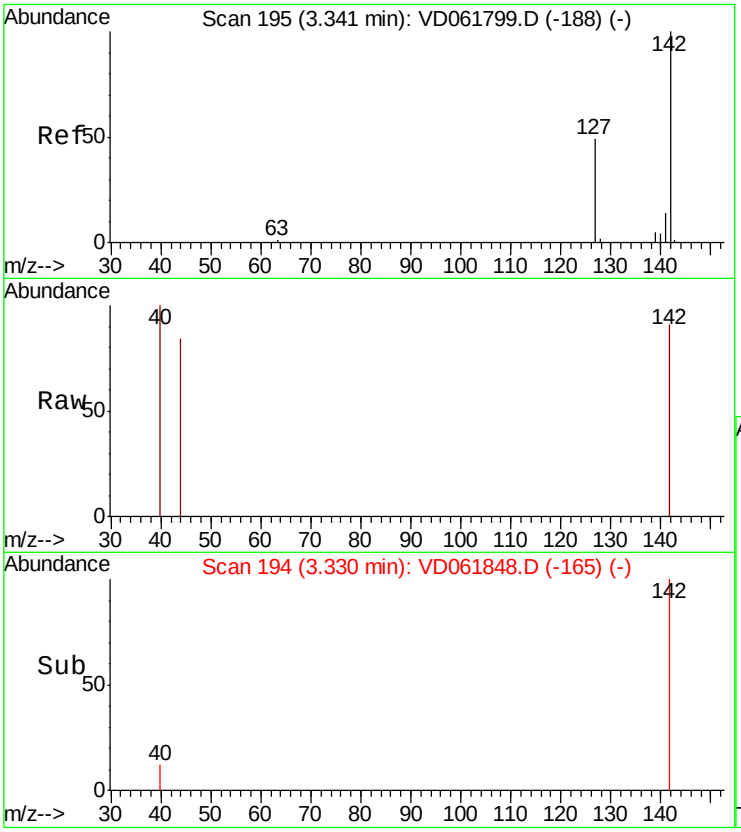


#5
Bromomethane
Concen: Below Cal
RT: 2.18 min Scan# 77
Delta R.T. -0.00 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 94 Resp: 854

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



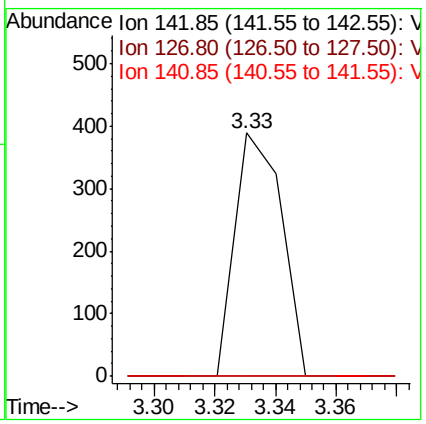


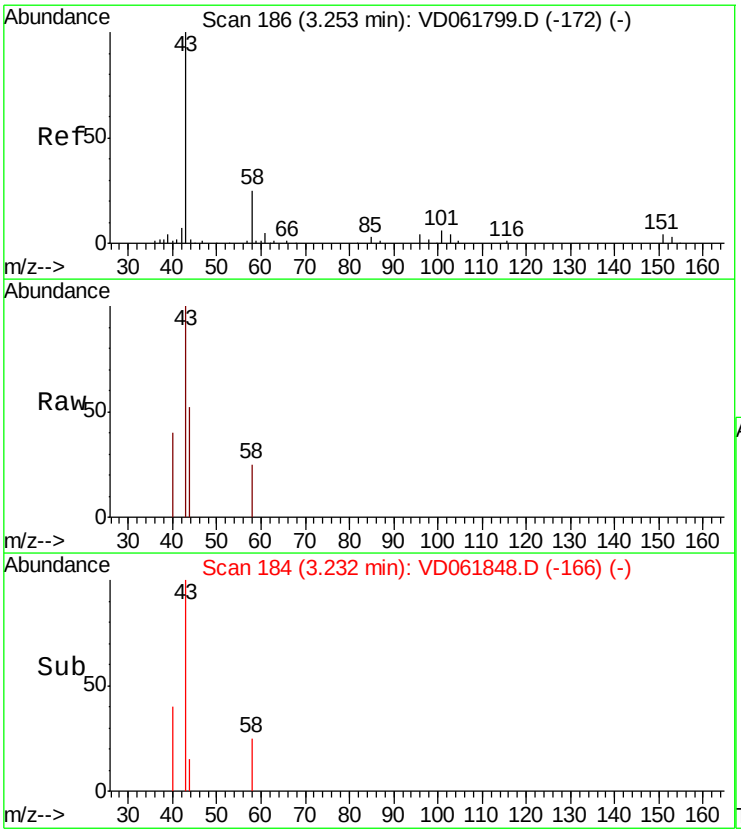
#10
Methyl Iodide
Concen: 3.567 ug/l
RT: 3.33 min Scan# 194
Delta R.T. -0.01 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument : MSVOA_D
ClientSampleId : BCOG03

Tgt Ion:142 Resp: 421

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#

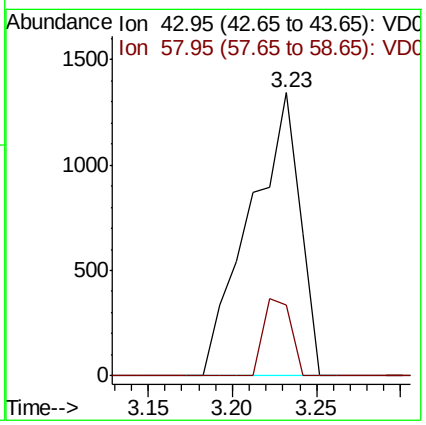


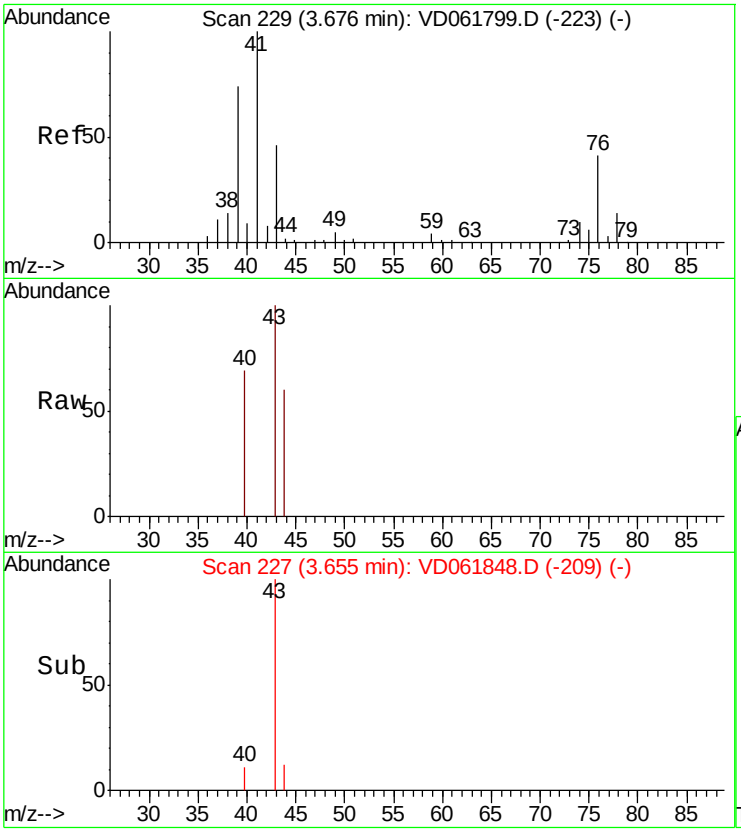


#16
Acetone
Concen: 3.196 ug/l
RT: 3.23 min Scan# 184
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 43 Resp: 2755

Ion	Ratio	Lower	Upper
43	100		
58	24.9	19.9	29.9



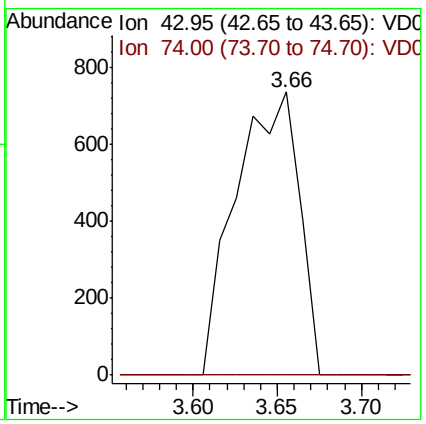


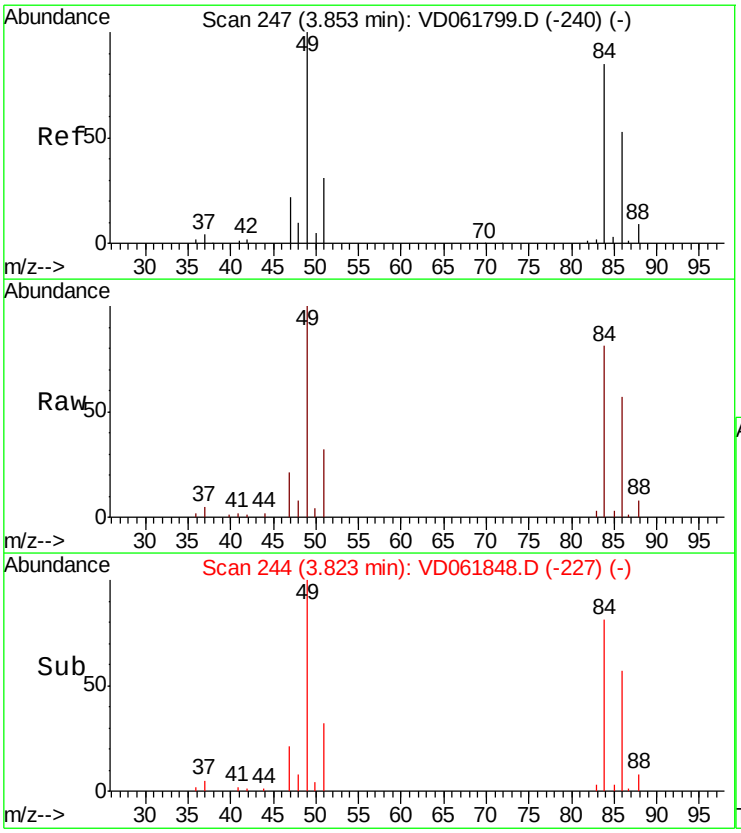
#18
Methyl Acetate
Concen: 1.110 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument : MSVOA_D
ClientSampleId : BCOG03

Tgt Ion: 43 Resp: 1918

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

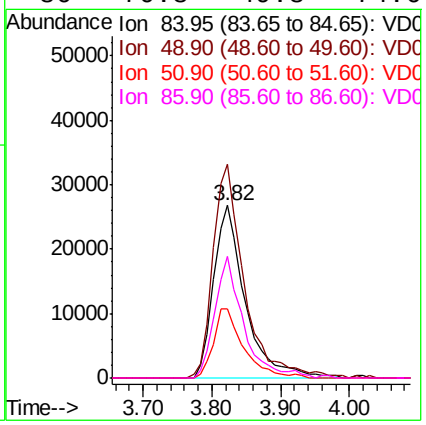


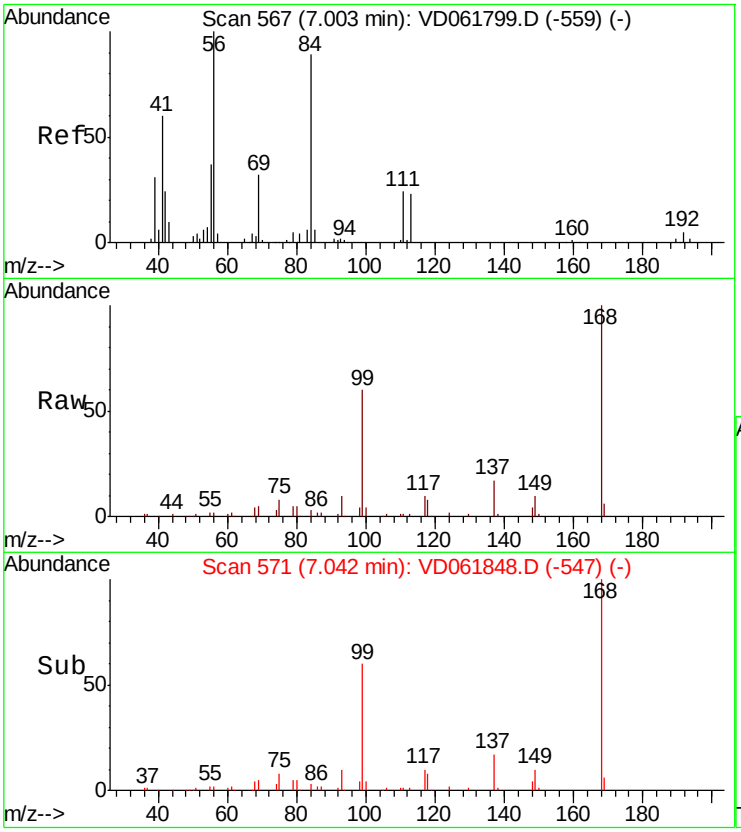


#20
Methylene Chloride
Concen: 16.809 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 84 Resp: 85078

Ion	Ratio	Lower	Upper
84	100		
49	123.9	94.0	141.0
51	40.1	29.0	43.4
86	70.8	49.8	74.6



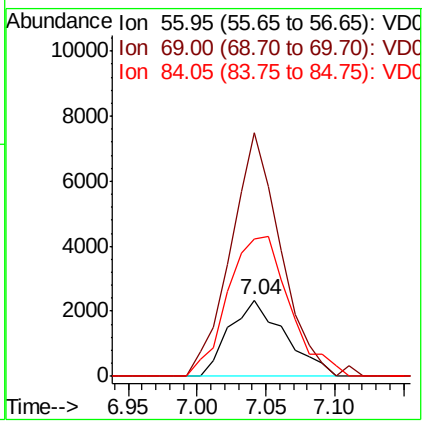


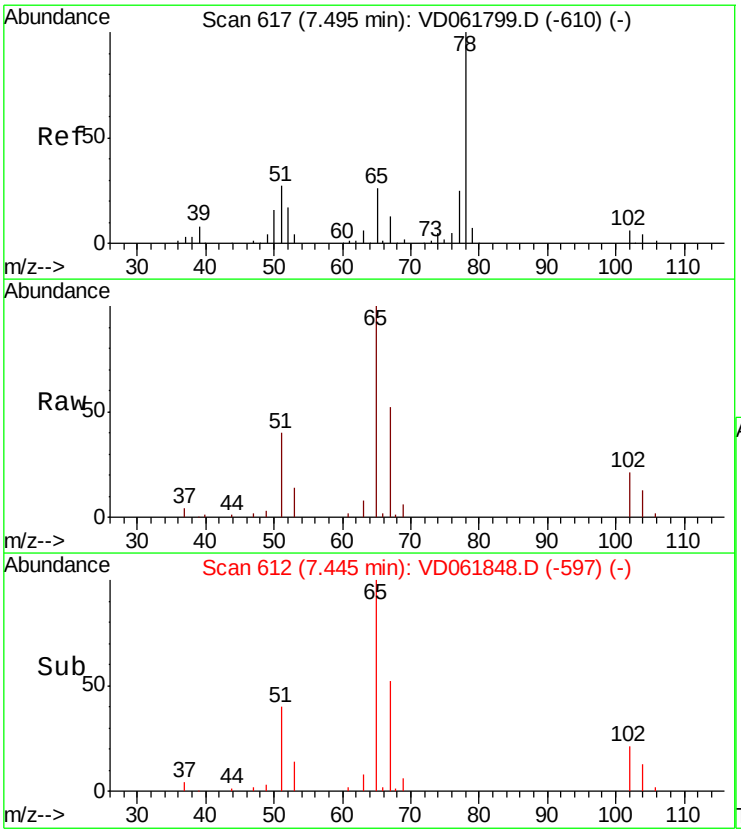
#31
Cyclohexane
Concen: 1.242 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.04 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument : MSVOA_D
ClientSampleId : BCOG03

Tgt Ion: 56 Resp: 6577

Ion	Ratio	Lower	Upper
56	100		
69	318.4	25.8	38.6#
84	179.8	72.2	108.4#

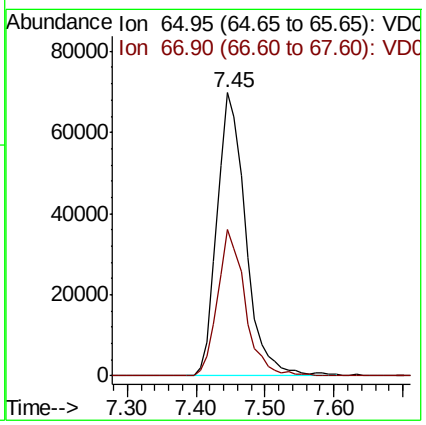


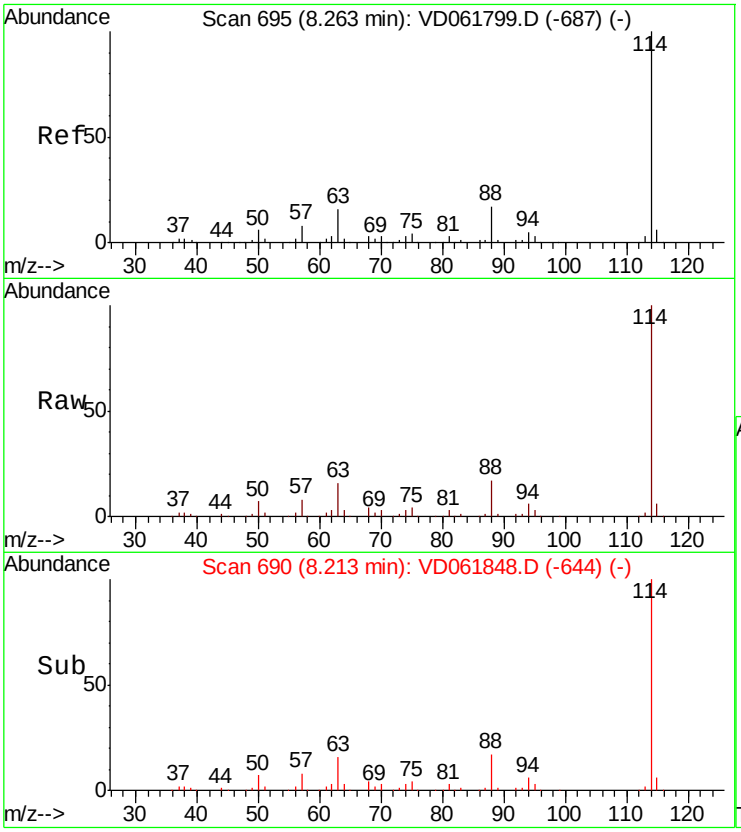


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 65 Resp: 201242

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	98.0



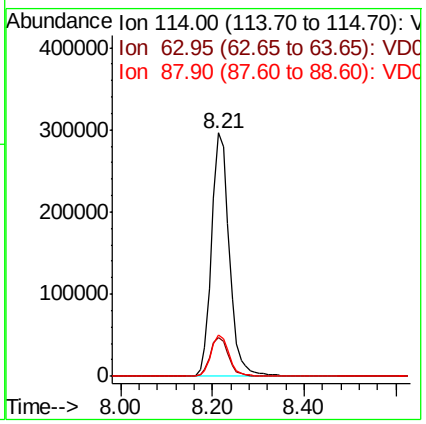


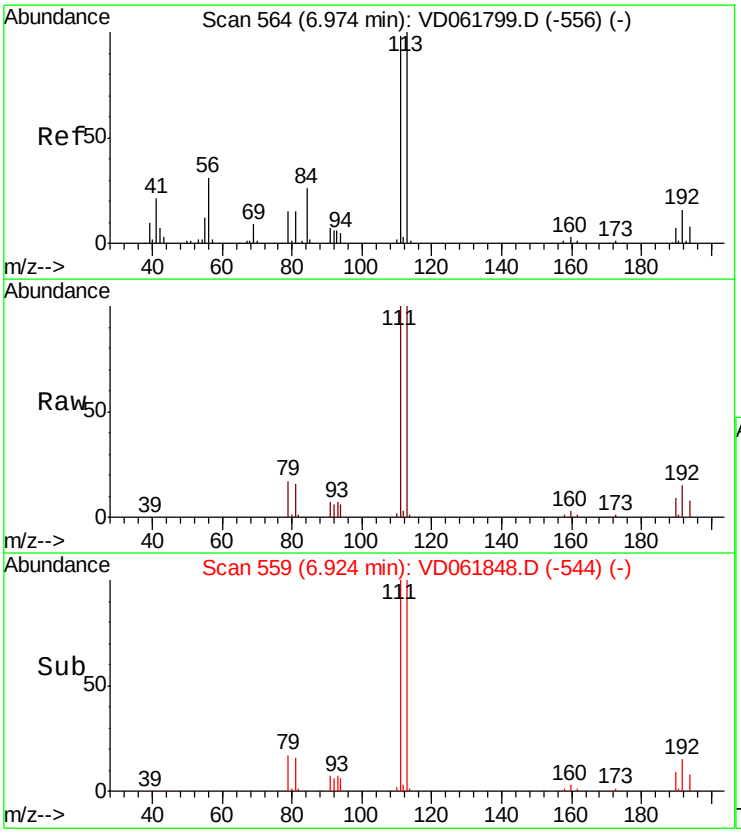
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion:114 Resp: 784773

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	32.4
88	17.1	0.0	33.6

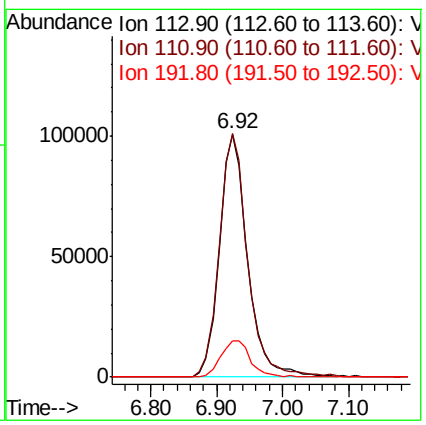


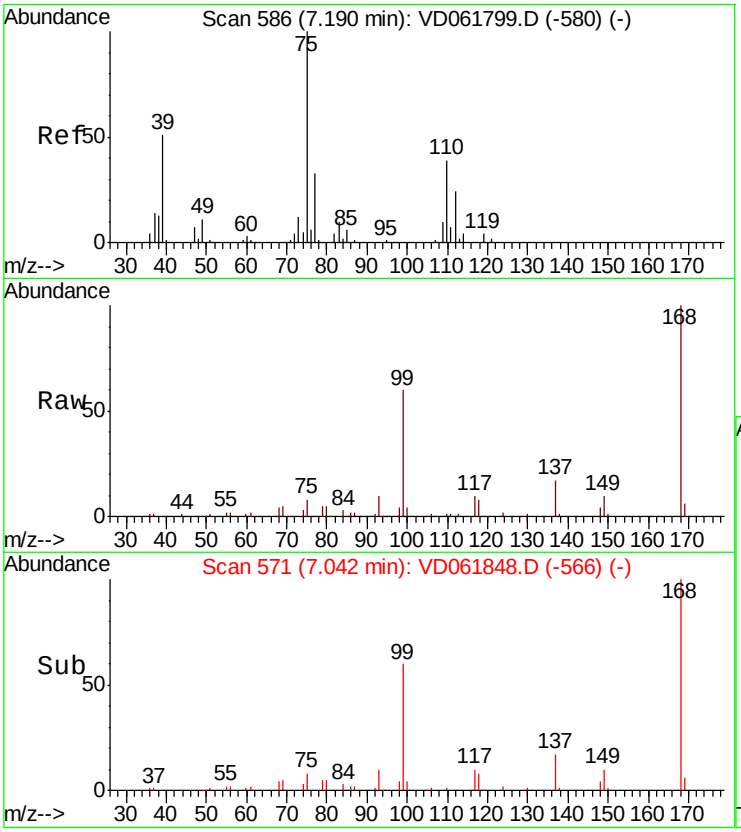


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:113 Resp: 300445

Ion	Ratio	Lower	Upper
113	100		
111	100.3	78.5	117.7
192	15.2	13.0	19.4



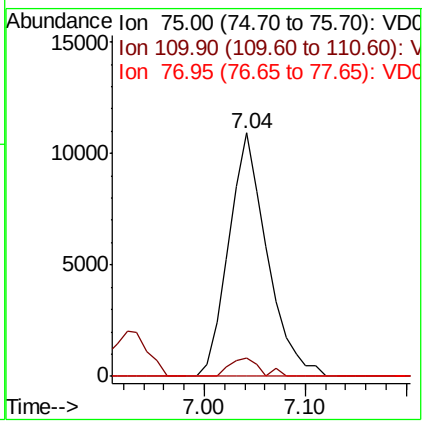


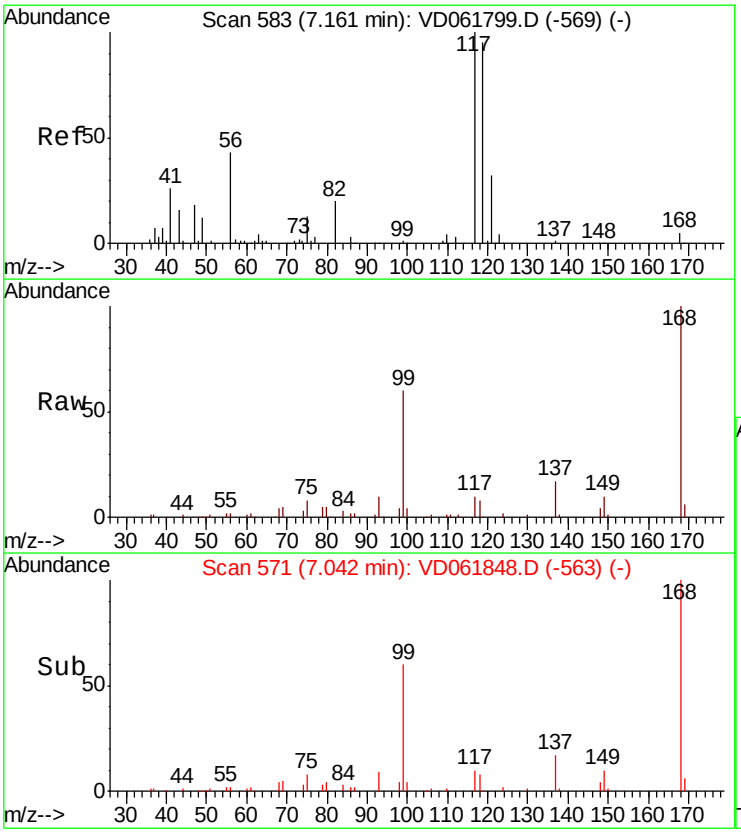
#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.15 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 75 Resp: 28801

Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.1	57.1#
77	0.0	25.6	38.4#

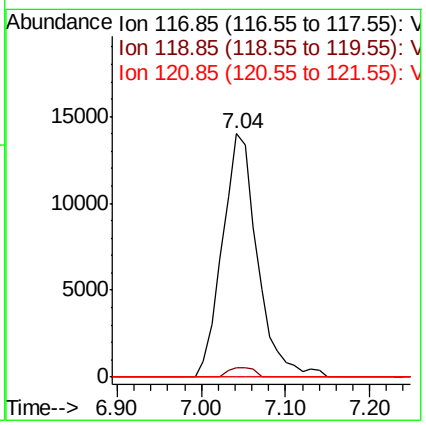


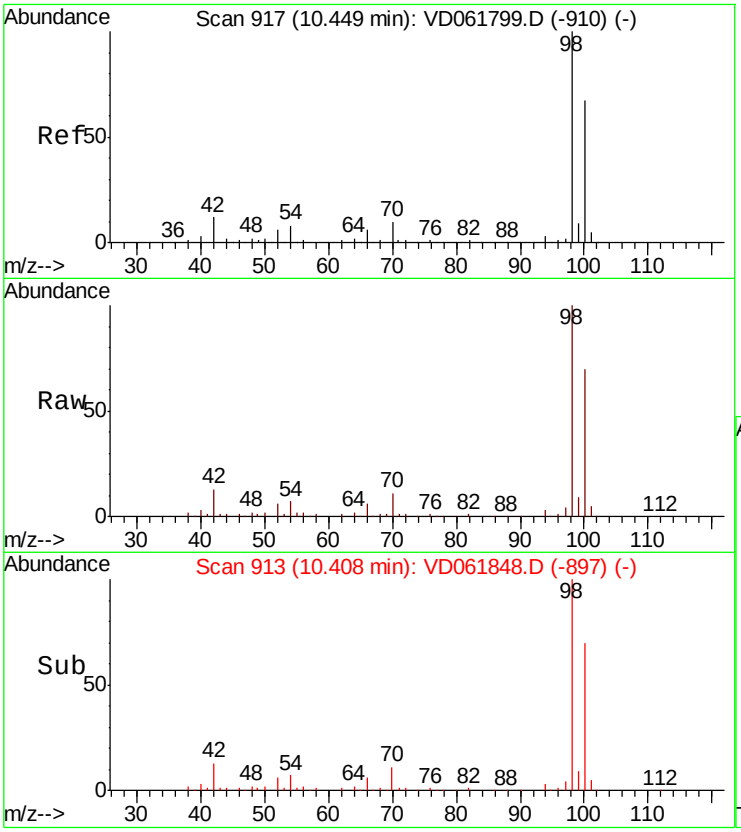


#38
Carbon Tetrachloride
Concen: 5.020 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.12 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:117 Resp: 40652

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	25.9	38.9#



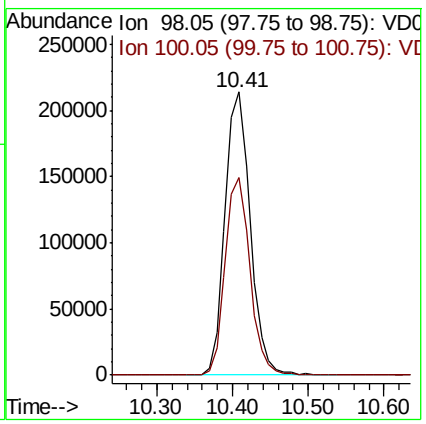


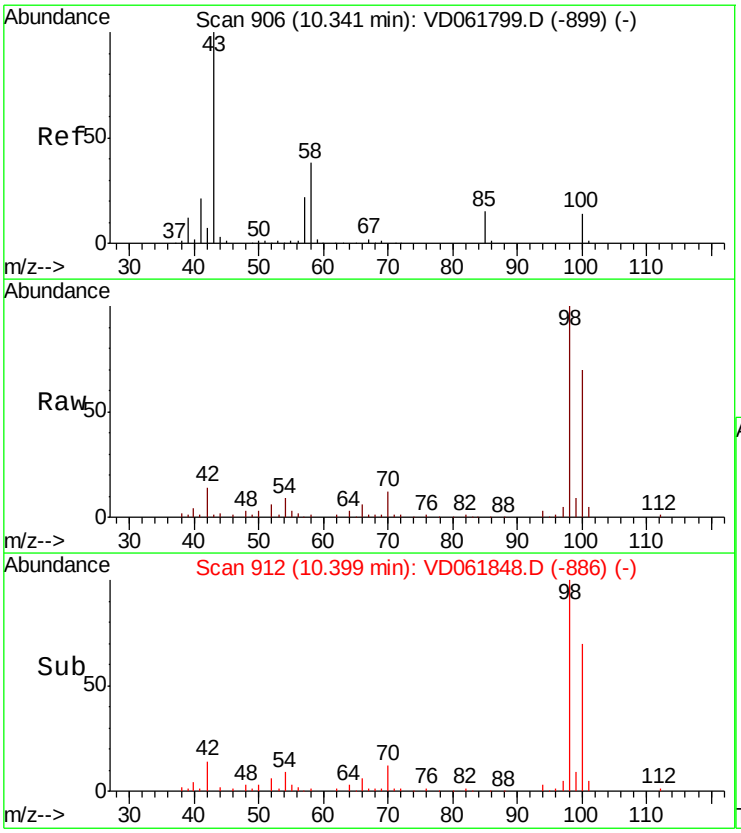
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument : MSVOA_D
ClientSampleId : BCOG03

Tgt Ion: 98 Resp: 494106

Ion	Ratio	Lower	Upper
98	100		
100	70.0	53.8	80.8

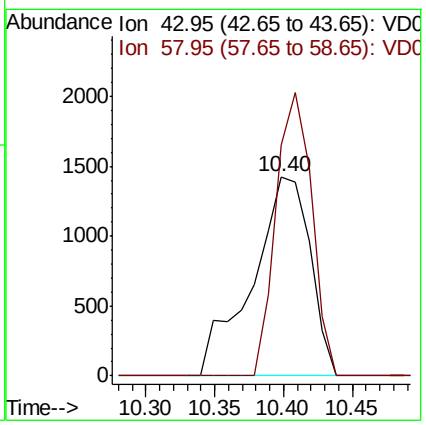


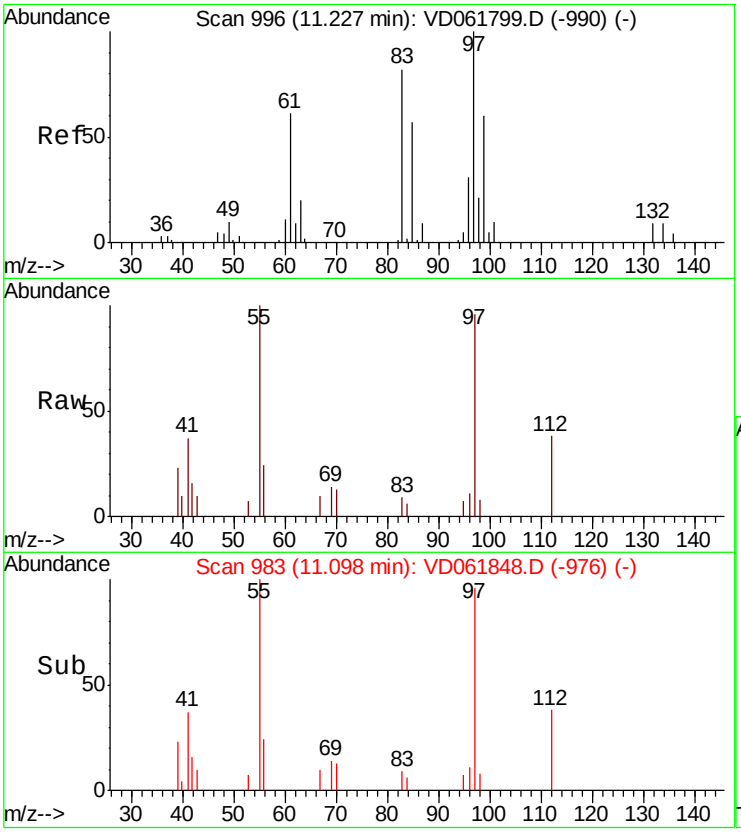


#51
4-Methyl-2-Pentanone
Concen: 1.764 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.06 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 43 Resp: 4166

Ion	Ratio	Lower	Upper
43	100		
58	115.9	30.4	45.6#



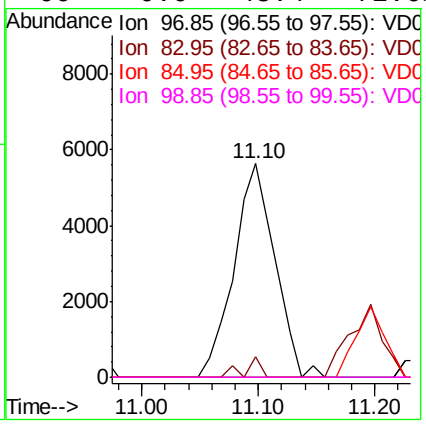


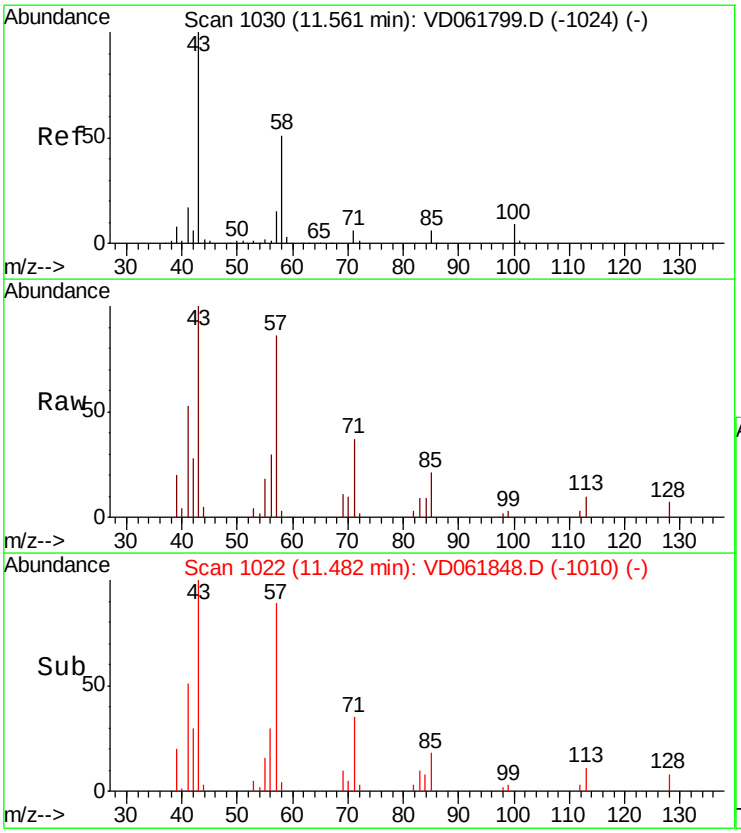
#55
1,1,2-Trichloroethane
Concen: 4.114 ug/l
RT: 11.10 min Scan# 983
Delta R.T. -0.13 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 97 Resp: 13677

Ion	Ratio	Lower	Upper
97	100		
83	9.6	65.7	98.5#
85	0.0	45.6	68.4#
99	0.0	48.4	72.6#

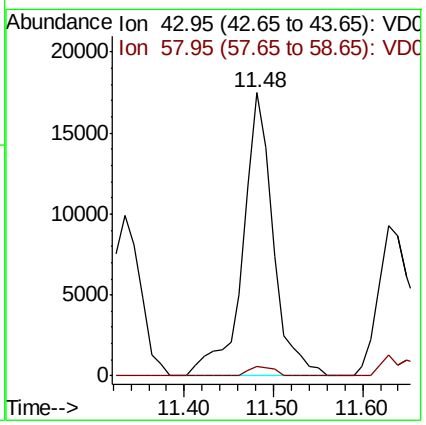


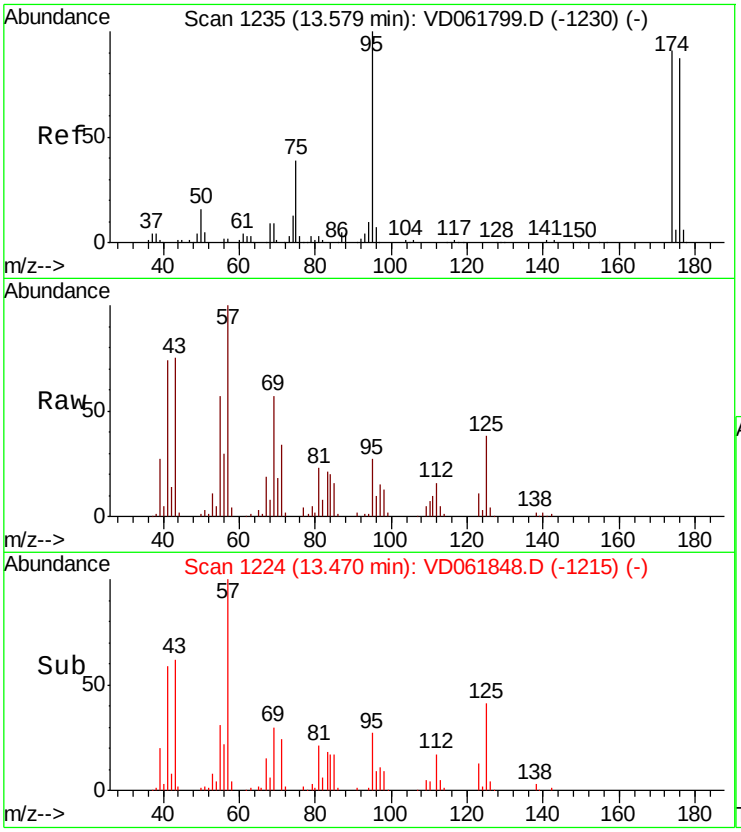


#59
2-Hexanone
Concen: 23.401 ug/l
RT: 11.48 min Scan# 1022
Delta R.T. -0.08 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 43 Resp: 41052

Ion	Ratio	Lower	Upper
43	100		
58	3.3	25.4	76.4#



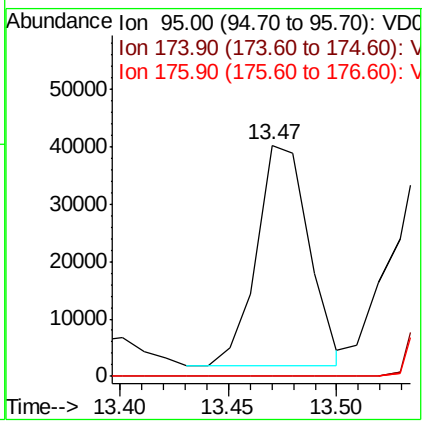


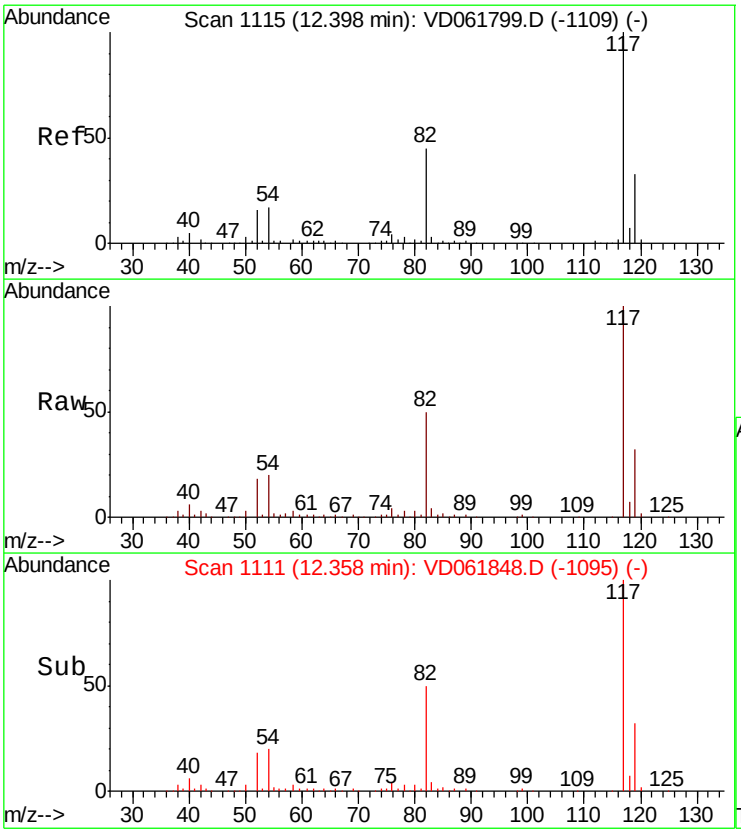
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.47 min Scan# 1224
Delta R.T. -0.11 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument : MSVOA_D
ClientSampleId : BCOG03

Tgt Ion: 95 Resp: 64982

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	181.8
176	0.0	0.0	174.4

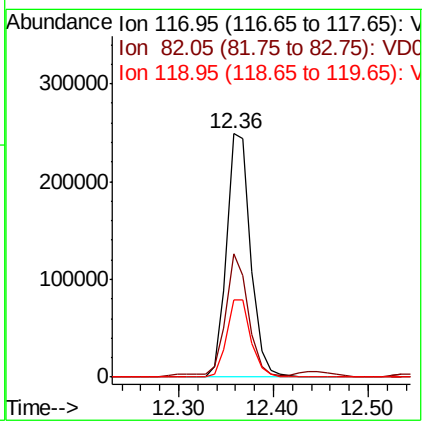


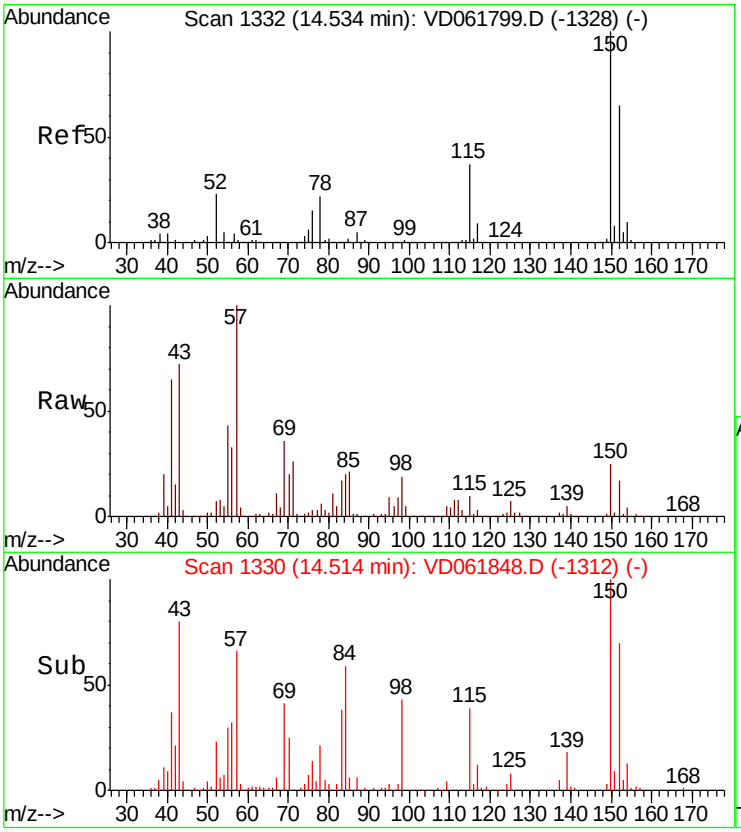


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:117 Resp: 438078

Ion	Ratio	Lower	Upper
117	100		
82	50.4	36.2	54.2
119	31.8	26.2	39.4



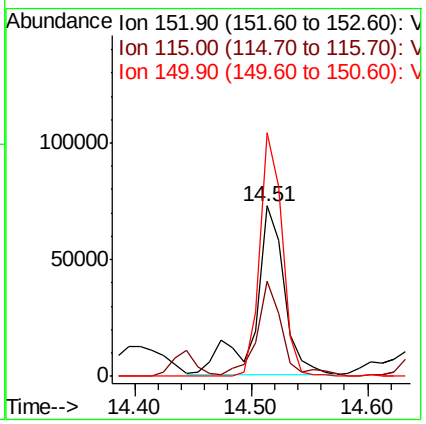


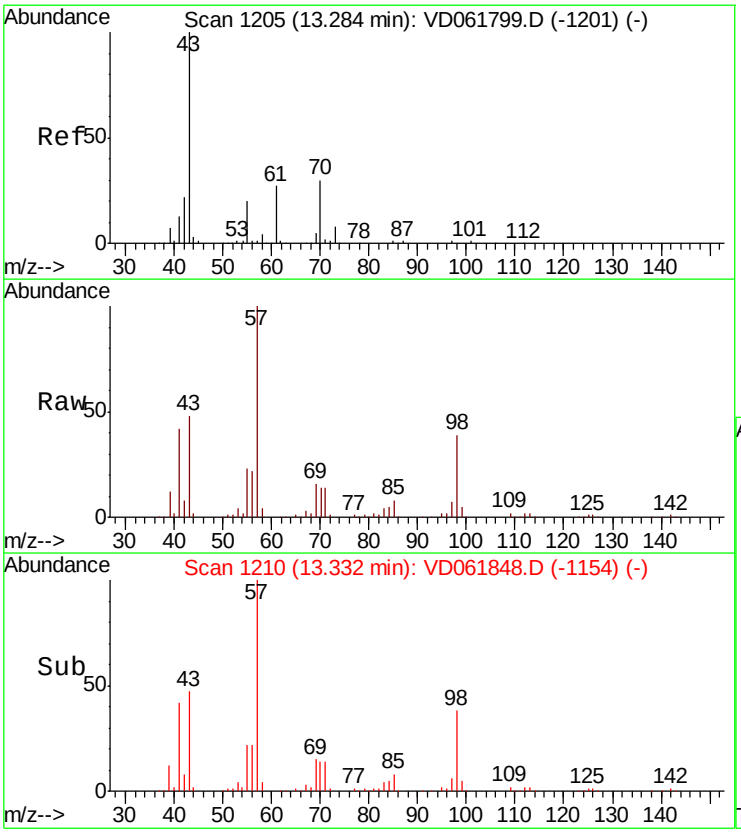
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion:152 Resp: 125357

Ion	Ratio	Lower	Upper
152	100		
115	56.2	30.9	92.7
150	143.1	0.0	314.8

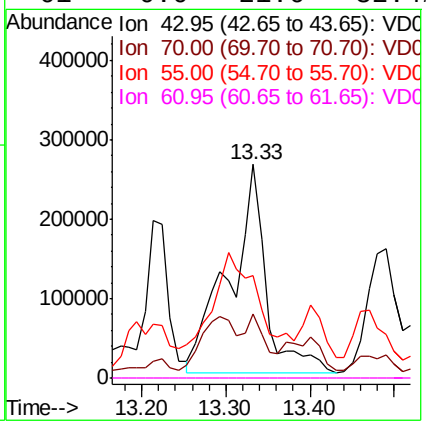


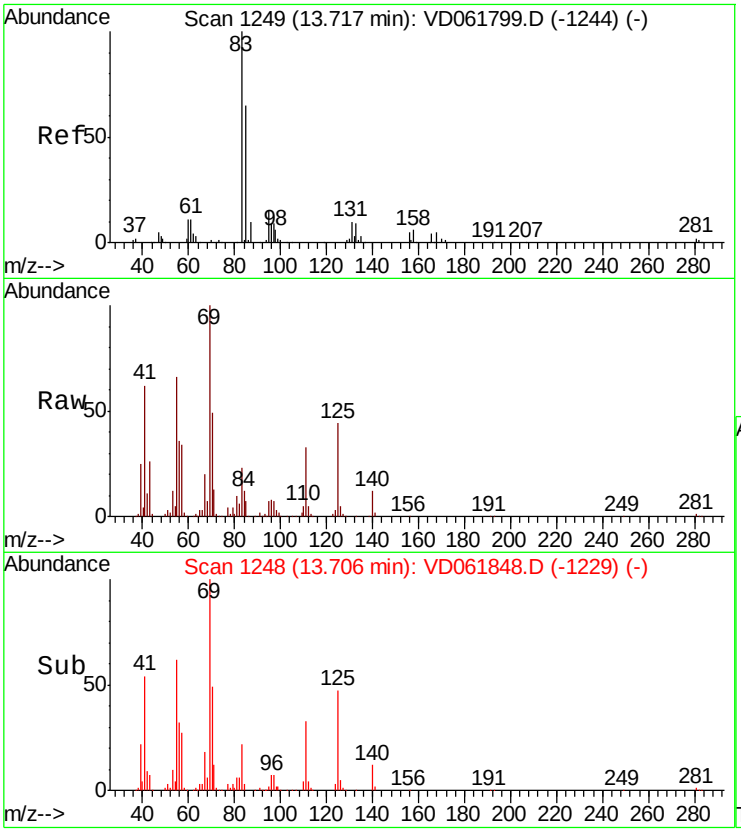


#74
N-amyl acetate
Concen: 363.111 ug/l
RT: 13.33 min Scan# 1210
Delta R.T. 0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 43 Resp: 793814

Ion	Ratio	Lower	Upper
43	100		
70	29.8	24.2	36.4
55	48.1	16.0	24.0#
61	0.0	21.6	32.4#



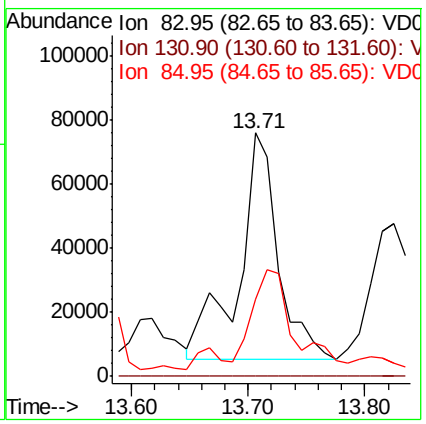


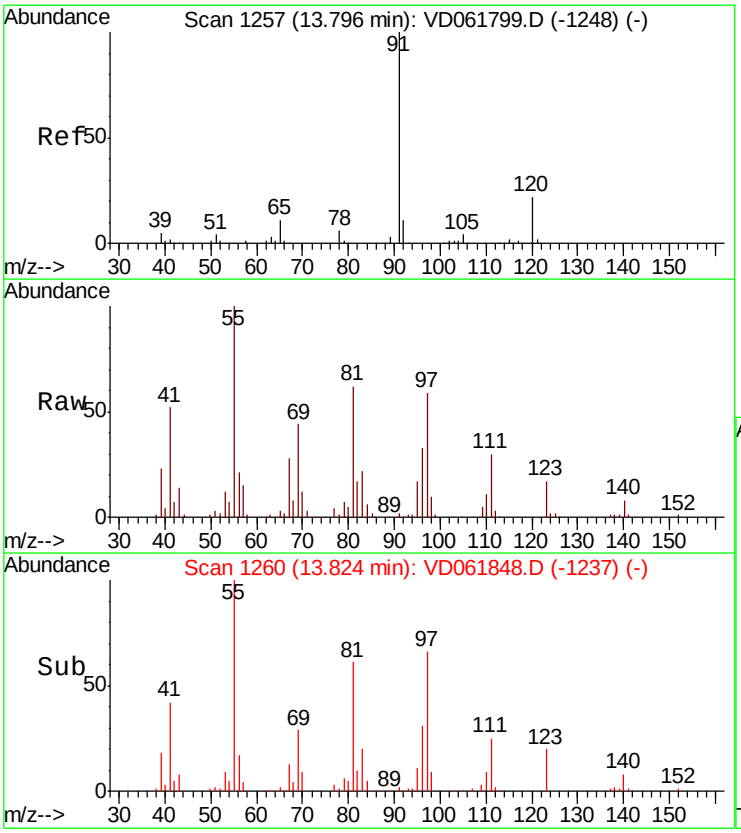
#75
1,1,2,2-Tetrachloroethane
Concen: 103.013 ug/l
RT: 13.71 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 83 Resp: 165542

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	31.6	32.6	97.7#

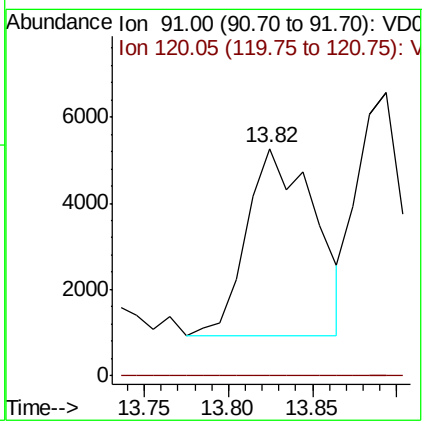


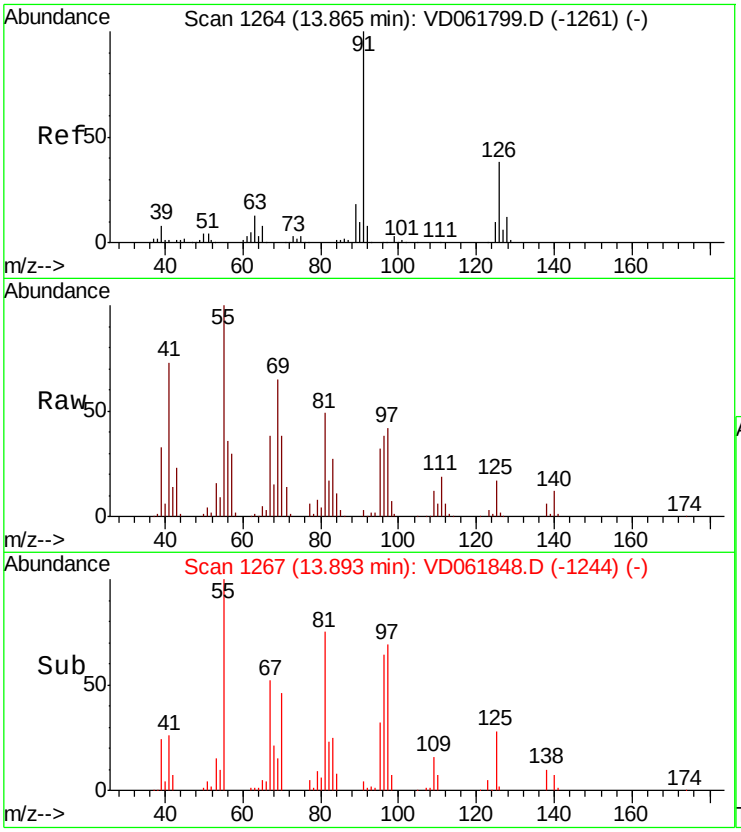


#78
n-propylbenzene
Concen: 1.306 ug/l
RT: 13.82 min Scan# 1260
Delta R.T. 0.03 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 91 Resp: 12269

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#



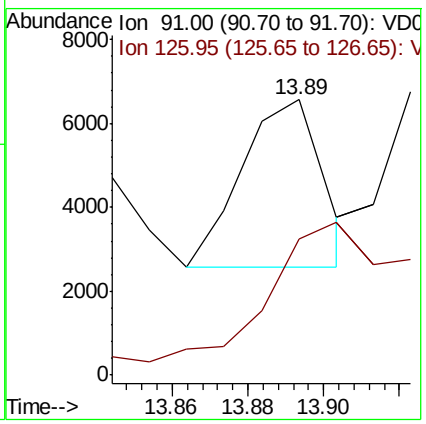


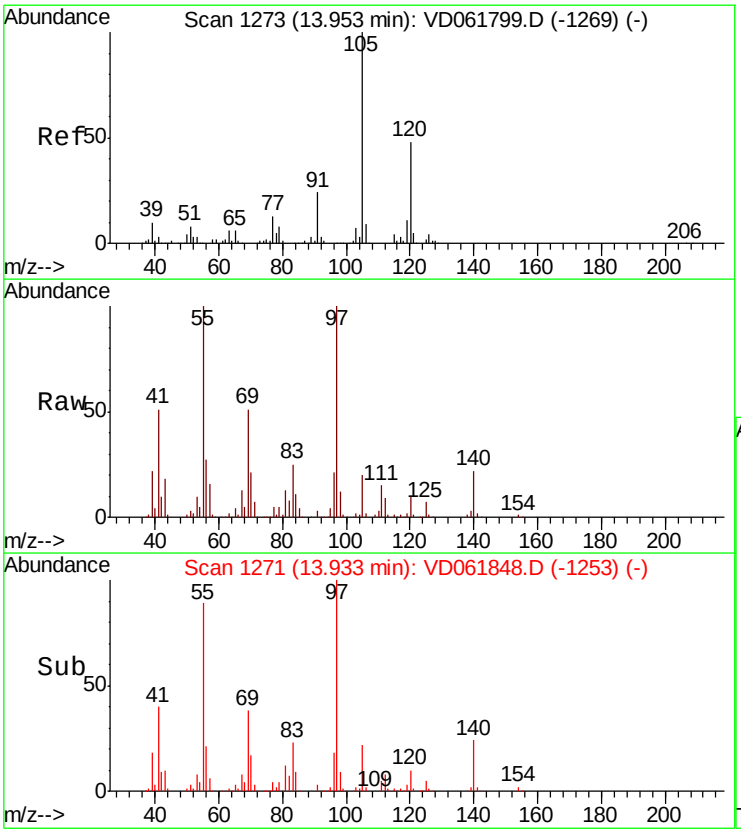
#79
2-Chlorotoluene
Concen: 1.081 ug/l
RT: 13.89 min Scan# 1267
Delta R.T. 0.03 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 91 Resp: 5929

Ion	Ratio	Lower	Upper
91	100		
126	49.7	18.6	55.8

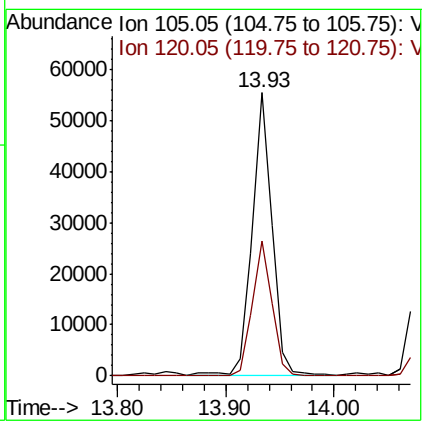


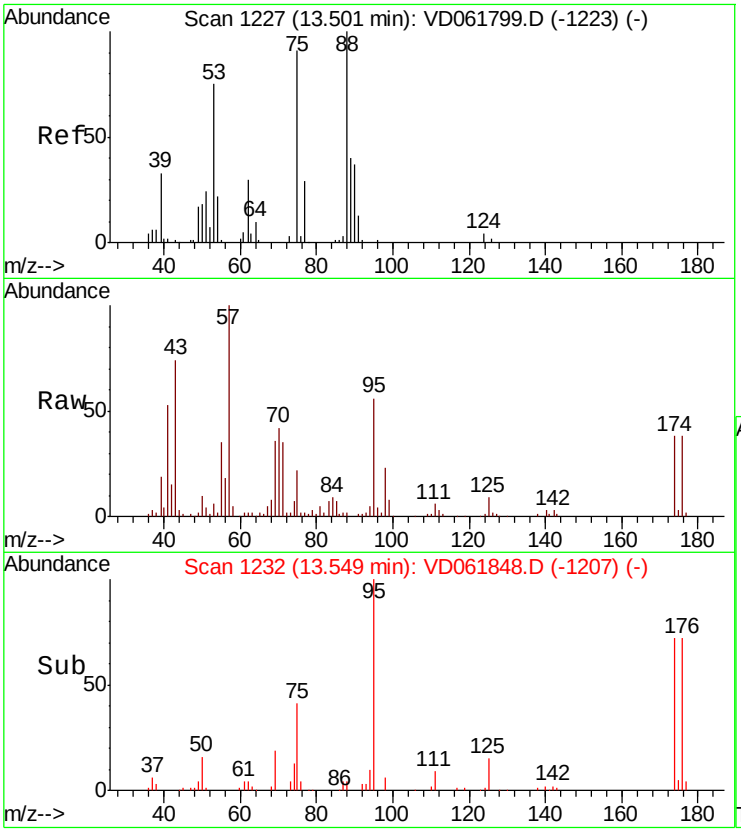


#80
1,3,5-Trimethylbenzene
Concen: 11.084 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:105 Resp: 71500

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.0	72.0



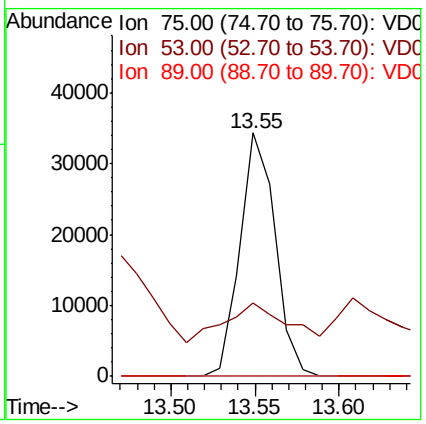


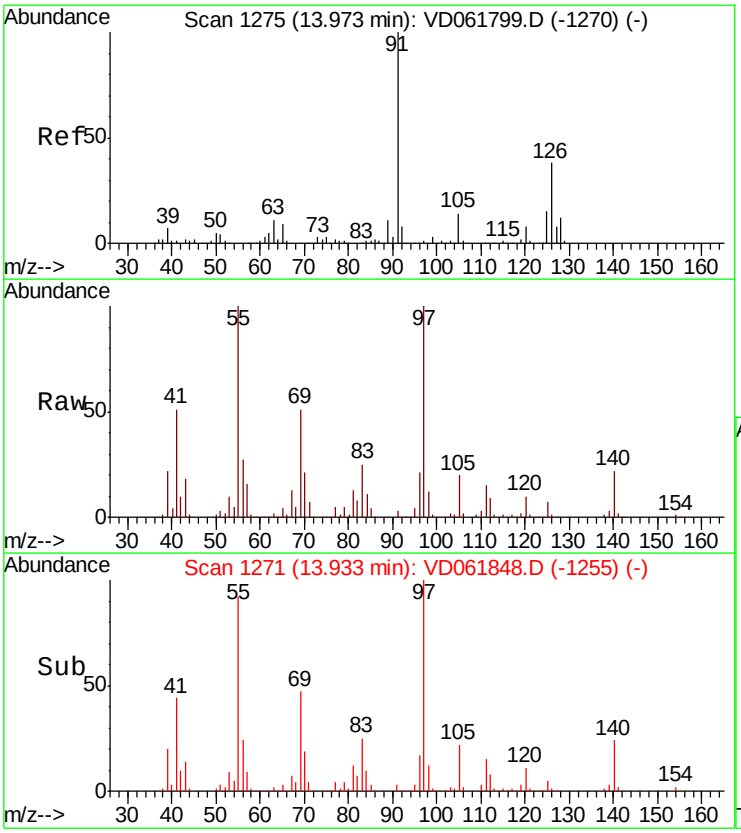
#81
trans-1,4-Dichloro-2-butene
Concen: 90.314 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.05 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 75 Resp: 49722

Ion	Ratio	Lower	Upper
75	100		
53	29.9	65.8	98.8#
89	0.0	35.0	52.6#

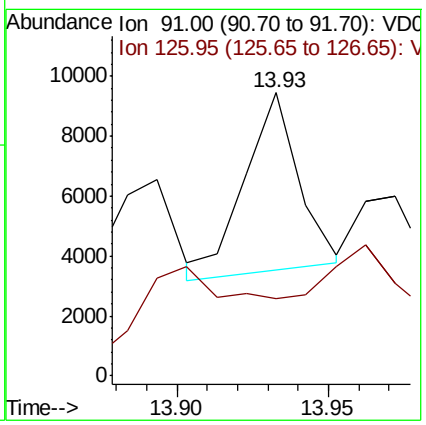


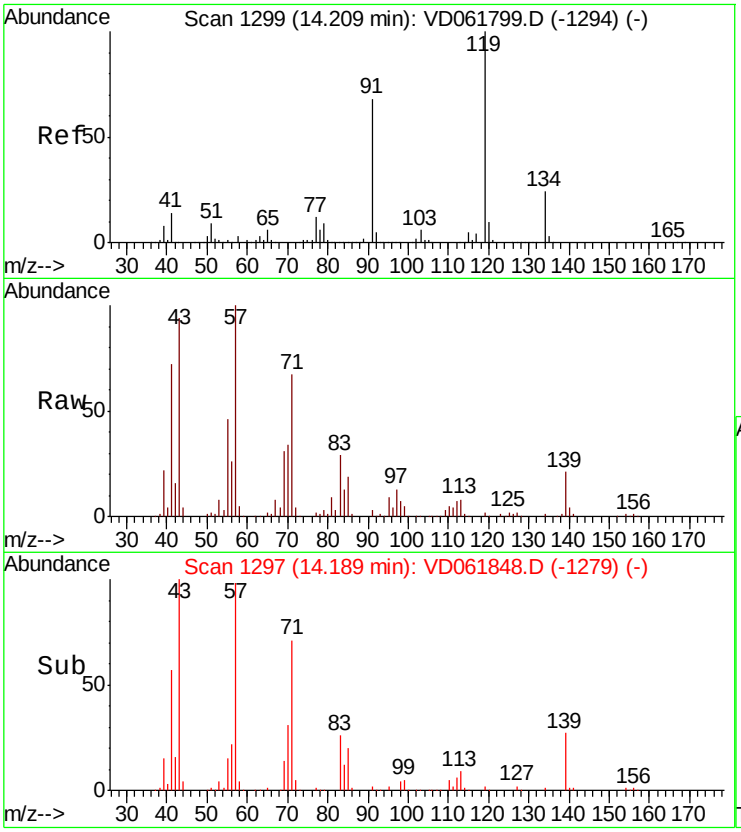


#82
4-Chlorotoluene
Concen: 1.195 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.04 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion: 91 Resp: 7508

Ion	Ratio	Lower	Upper
91	100		
126	27.2	19.1	57.5



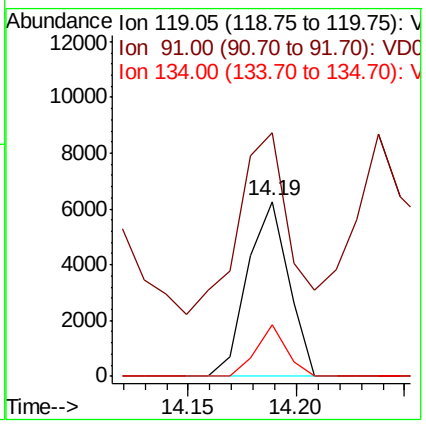


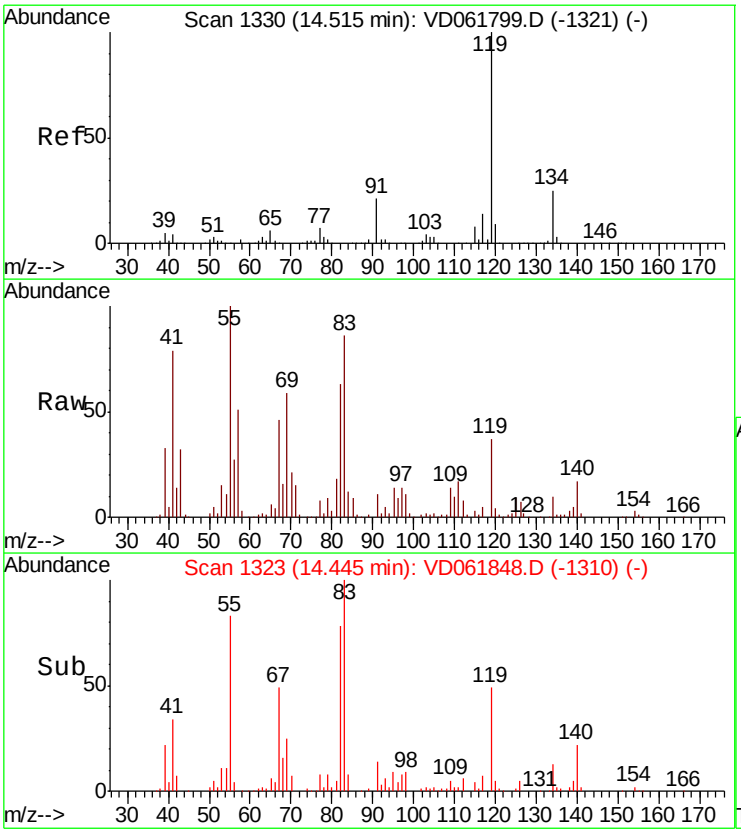
#83
tert-Butylbenzene
Concen: 1.086 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion:119 Resp: 8226

Ion	Ratio	Lower	Upper
119	100		
91	139.2	34.2	102.6#
134	29.7	12.0	36.0

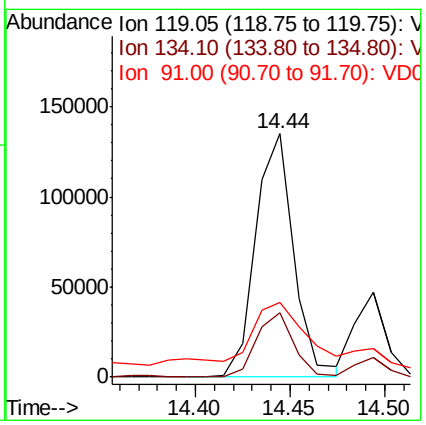


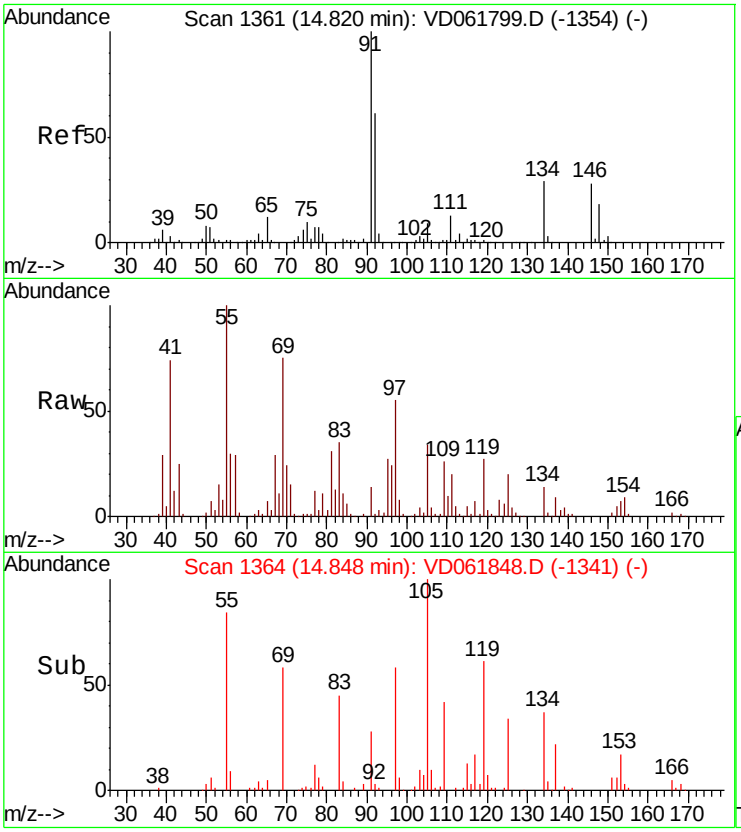


#86
p-Isopropyltoluene
Concen: 25.783 ug/l
RT: 14.44 min Scan# 1323
Delta R.T. -0.07 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:119 Resp: 188889

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.8	38.3
91	30.6	10.7	32.1



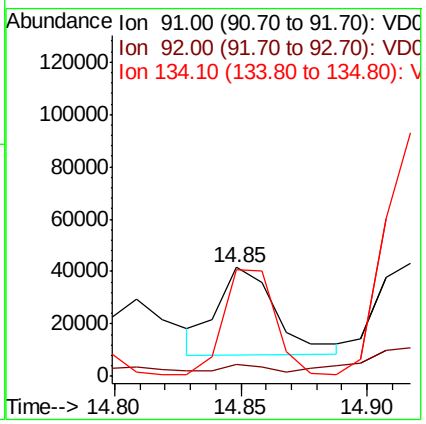


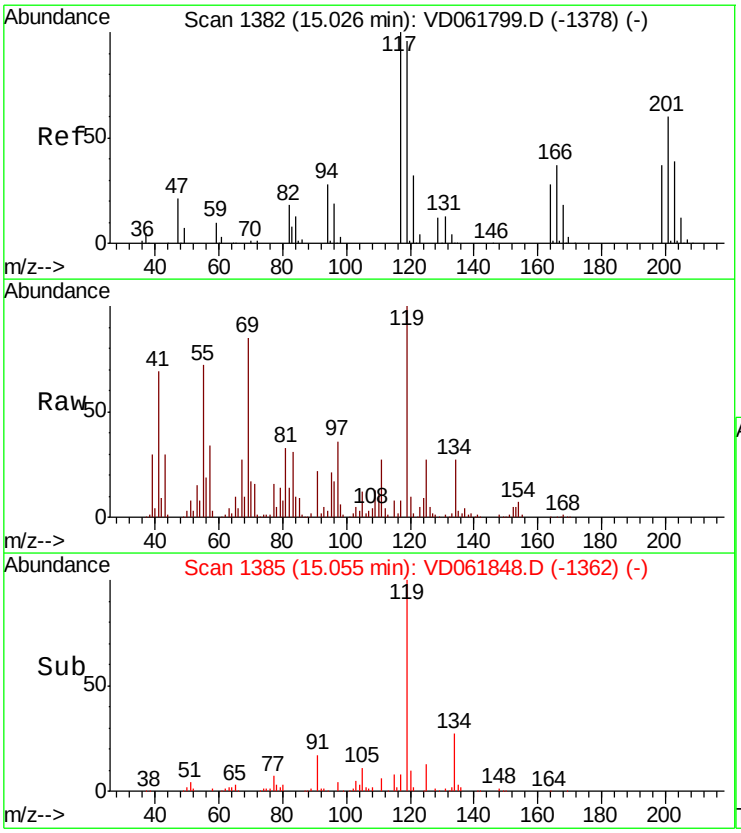
#89
n-Butylbenzene
Concen: 8.368 ug/l
RT: 14.85 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 91 Resp: 54265

Ion	Ratio	Lower	Upper
91	100		
92	10.4	30.3	91.0#
134	97.8	14.5	43.6#

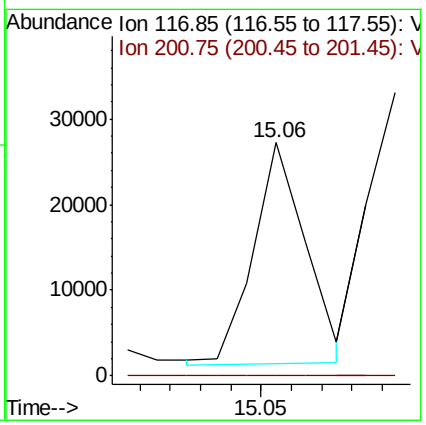


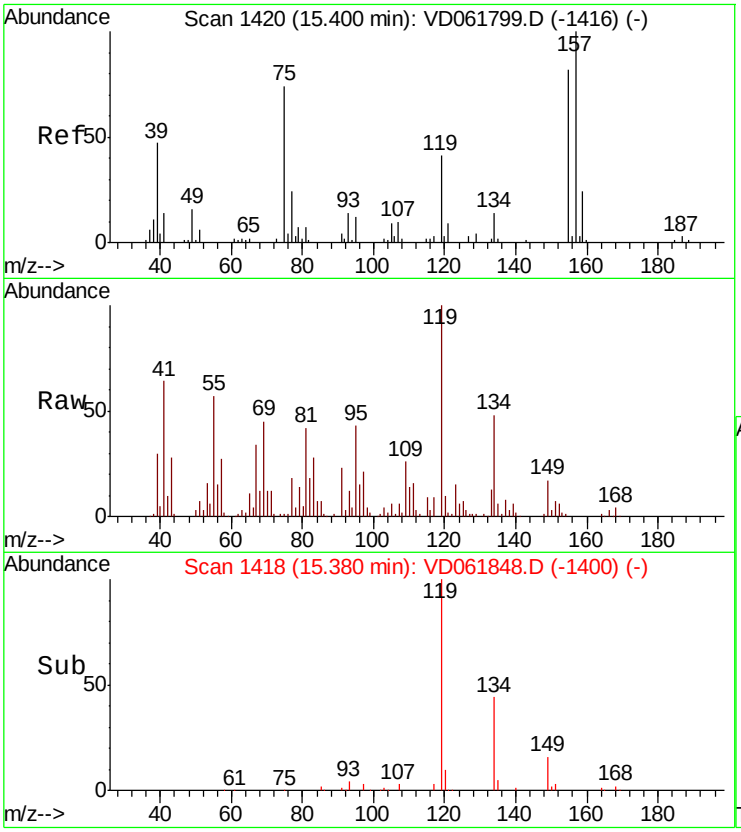


#90
Hexachloroethane
Concen: 15.683 ug/l
RT: 15.06 min Scan# 1385
Delta R.T. 0.03 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Tgt Ion:117 Resp: 31317

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.2	90.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 9.473 ug/l
RT: 15.38 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VD061848.D
Acq: 17 Apr 2019 13:07

Instrument :
MSVOA_D
ClientSampleId :
BCOG03

Tgt Ion: 75 Resp: 1873

Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.3	165.8#
157	0.0	67.8	203.2#