Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
Data File : VD060680.D
Acq On : 21 Dec 2018 13:30
Operator : VA/AP
Sample : J6481-03RE
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Quant Time: Dec 21 14:55:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1052979	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1397597	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.30	117	1058100	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	422321	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	286744	39.41	ug/l	0.02
Spiked Amount 50.000			Recovery = 78.82%			
35) Dibromofluoromethane	6.35	113	394722	38.59	ug/l	0.02
Spiked Amount 50.000			Recovery = 77.18%			
50) Toluene-d8	9.49	98	951580	31.18	ug/l	0.03
Spiked Amount 50.000			Recovery = 62.36%			
62) 4-Bromofluorobenzene	12.44	95	305144	28.55	ug/l	0.02
Spiked Amount 50.000			Recovery = 57.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.00	59	620	2.039	ug/l #	74
16) Acetone	3.19	43	7902	6.218	ug/l	94
18) Methyl Acetate	3.60	43	9150	2.905	ug/l #	63
20) Methylene Chloride	3.75	84	13774	1.044	ug/l	92
25) 2-Butanone	5.66	43	5181	2.131	ug/l #	61
29) Tetrahydrofuran	5.99	42	1508	1.094	ug/l #	54
31) Cyclohexane	6.44	56	23467	1.277	ug/l #	1
36) 1,1-Dichloropropene	6.44	75	75122	5.220	ug/l #	45
38) Carbon Tetrachloride	6.44	117	80380	6.331	ug/l #	16
69) o-Xylene	11.95	106	37634	2.711	ug/l	88
76) 1,2,3-Trichloropropane	12.44	75	122513	25.481	ug/l #	44
78) n-propylbenzene	12.66	91	67007	1.743	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	128913	5.552	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.44	75	122483	92.191	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.11	105	85215	3.563	ug/l	97
85) sec-Butylbenzene	13.24	105	38156	1.184	ug/l	99
89) n-Butylbenzene	13.64	91	84813	3.191	ug/l #	1
90) Hexachloroethane	13.84	117	16737	2.619	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.23	75	1685	2.943	ug/l #	2
95) Naphthalene	14.98	128	65352	5.911	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.13	180	7770	1.069	ug/l #	1

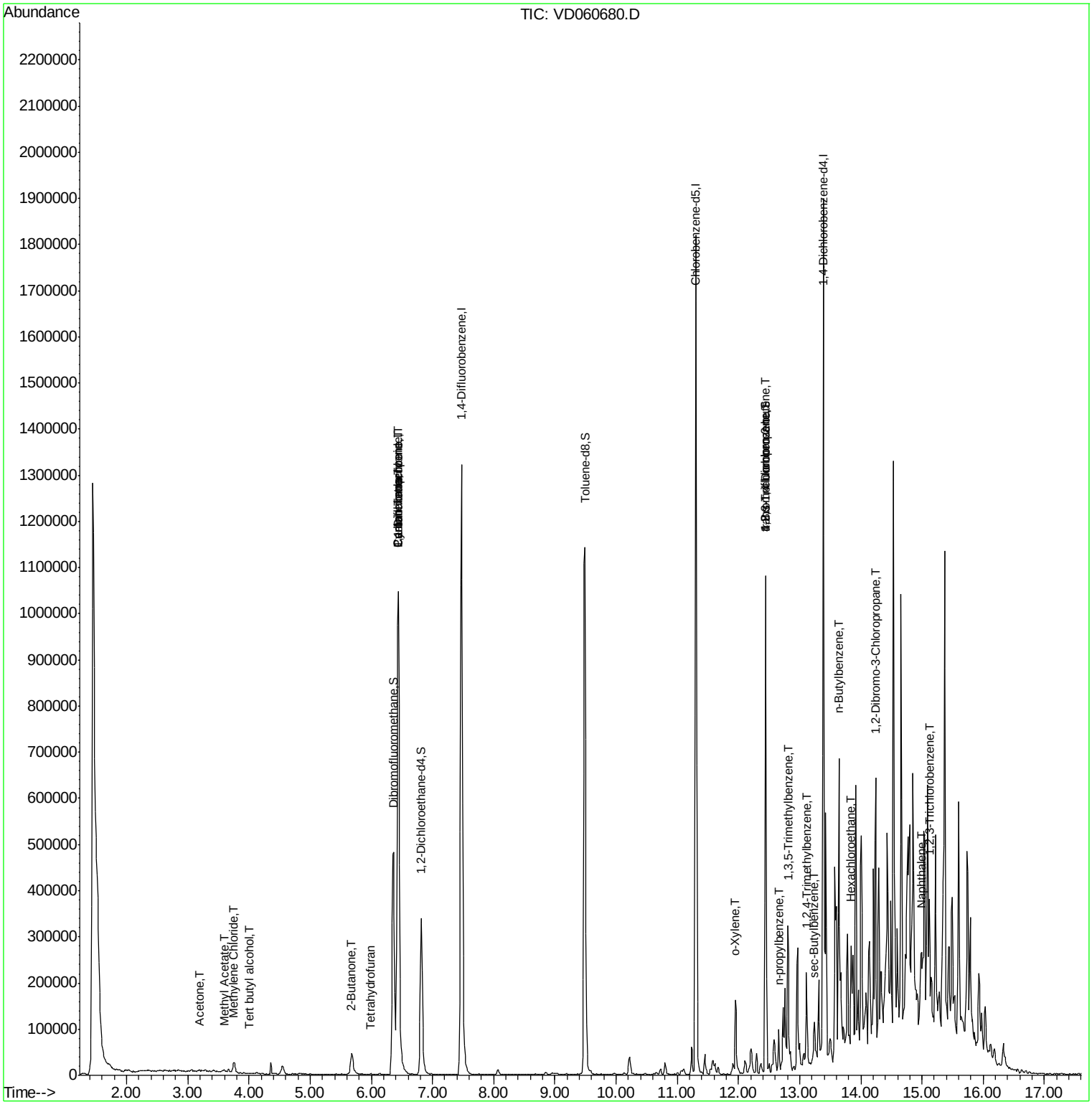
(#) = qualifier out of range (m) = manual integration (+) = signals summed

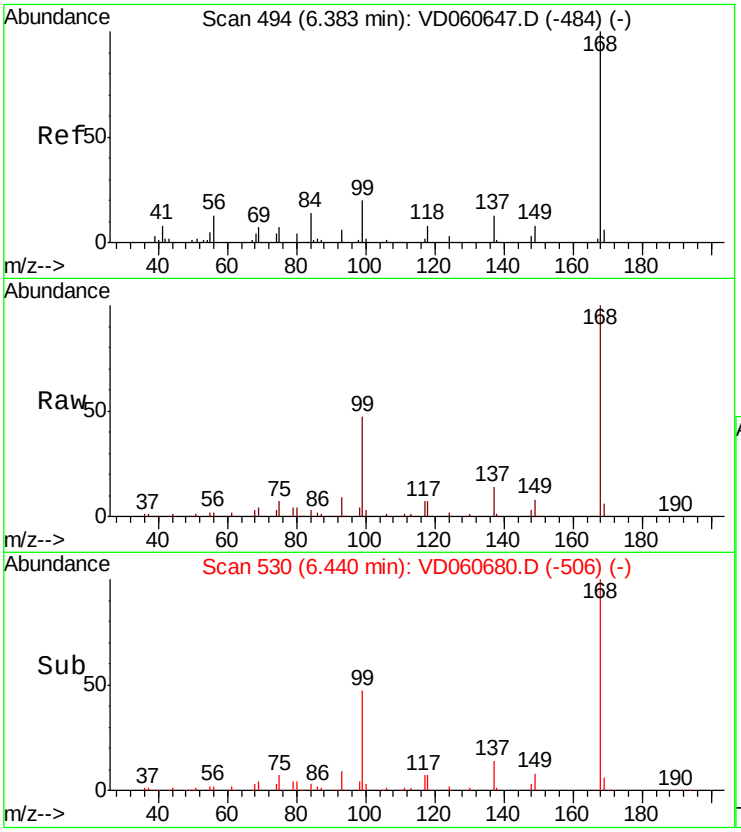
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122118\
Data File : VD060680.D
Acq On : 21 Dec 2018 13:30
Operator : VA/AP
Sample : J6481-03RE
Misc : 5.09g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Quant Time: Dec 21 14:55:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

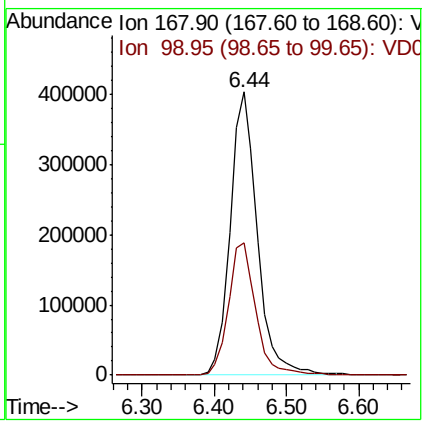




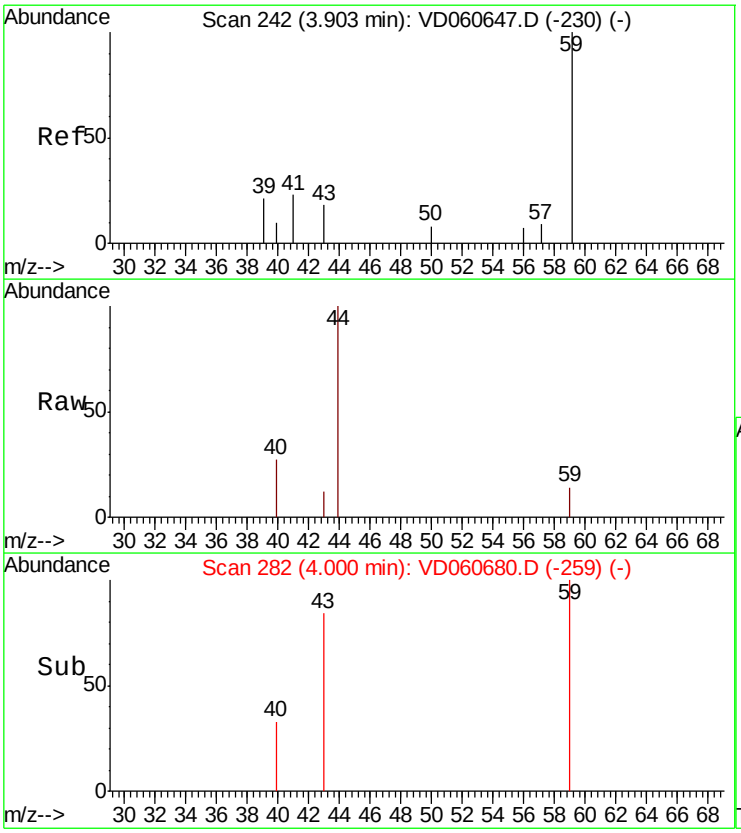
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.03 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:168 Resp: 1052979

Ion	Ratio	Lower	Upper
168	100		
99	46.8	38.7	58.1



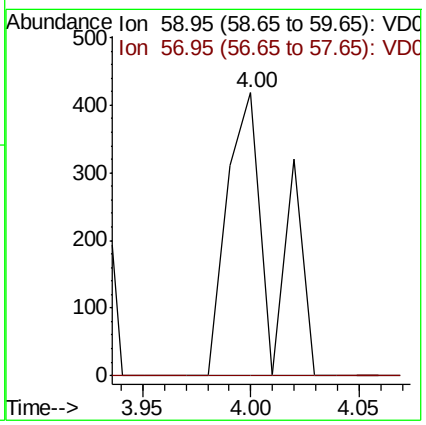
Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

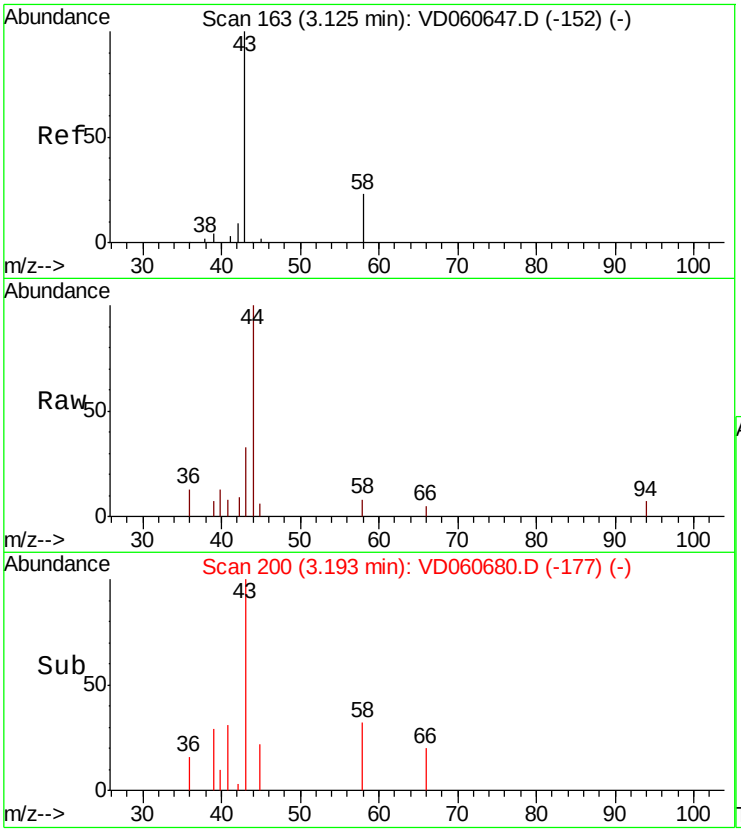


#11
Tert butyl alcohol
Concen: 2.039 ug/l
RT: 4.00 min Scan# 282
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 59 Resp: 620

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



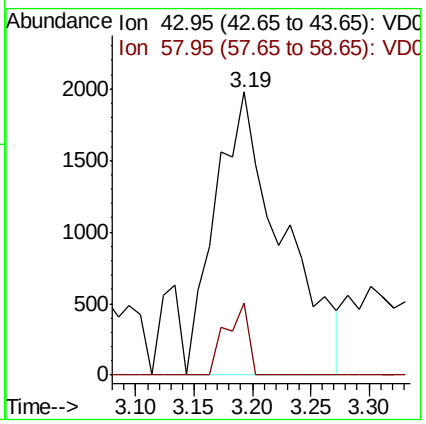


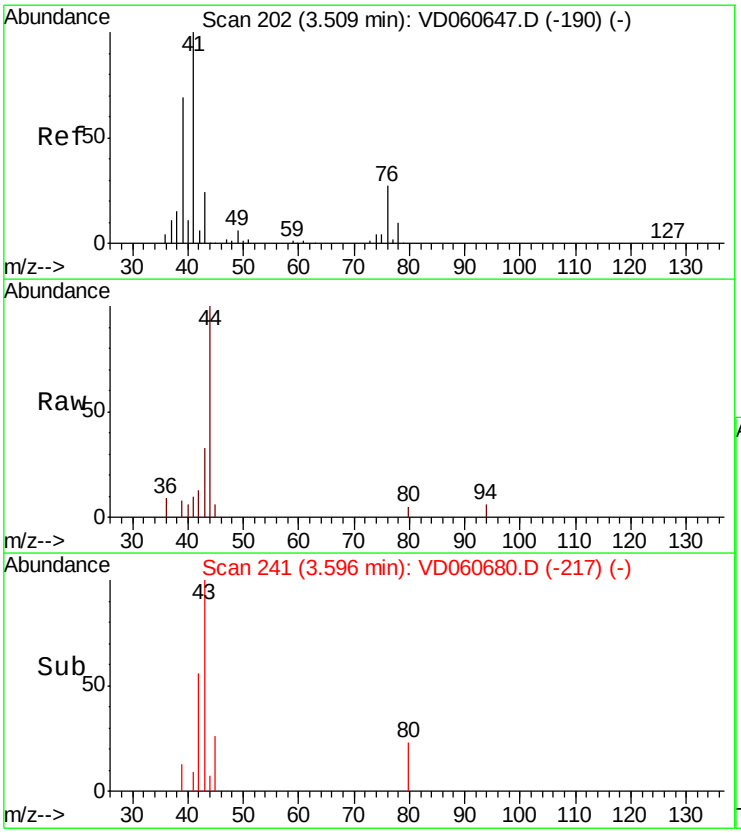
#16
Acetone
Concen: 6.218 ug/l
RT: 3.19 min Scan# 200
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion: 43 Resp: 7902

Ion	Ratio	Lower	Upper
43	100		
58	25.4	18.2	27.2

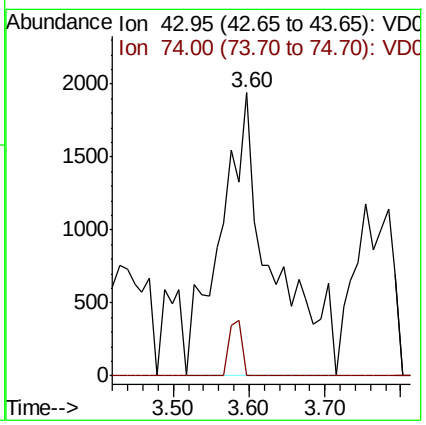


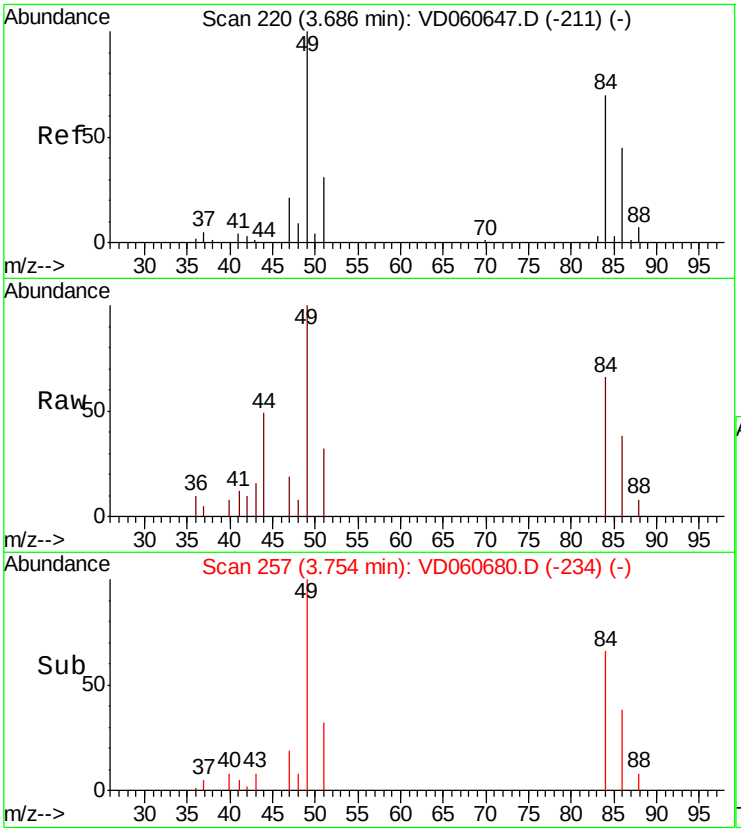


#18
Methyl Acetate
Concen: 2.905 ug/l
RT: 3.60 min Scan# 241
Delta R.T. 0.03 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 43 Resp: 9150

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.4	18.6#



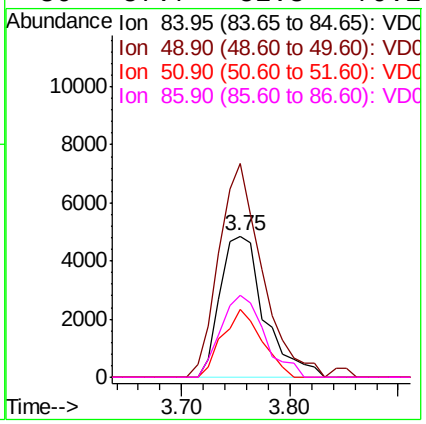


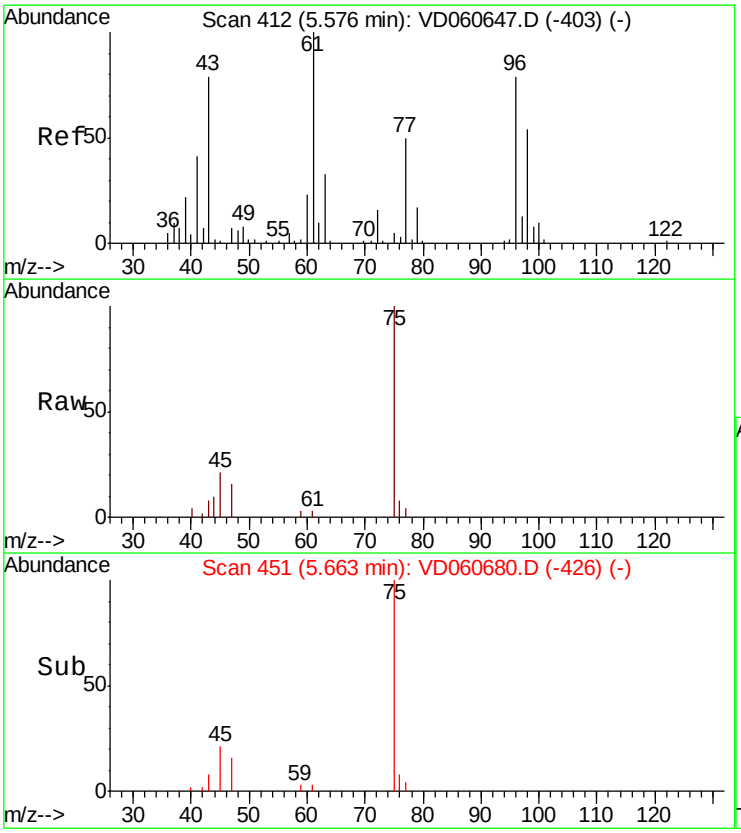
#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 3.75 min Scan# 257
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion: 84 Resp: 13774

Ion	Ratio	Lower	Upper
84	100		
49	151.4	113.6	170.4
51	48.2	34.7	52.1
86	57.7	52.8	79.2

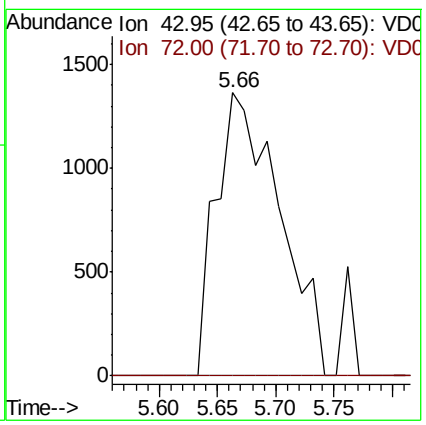


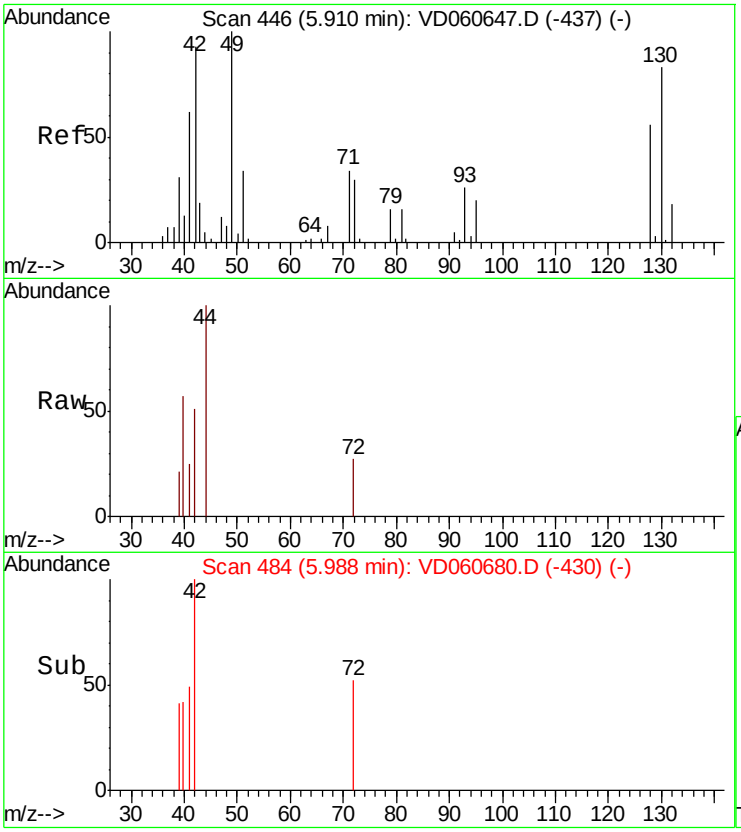


#25
2-Butanone
Concen: 2.131 ug/l
RT: 5.66 min Scan# 451
Delta R.T. 0.04 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 43 Resp: 5181

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	20.5#



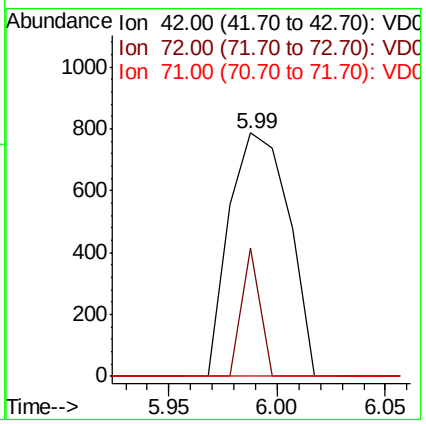


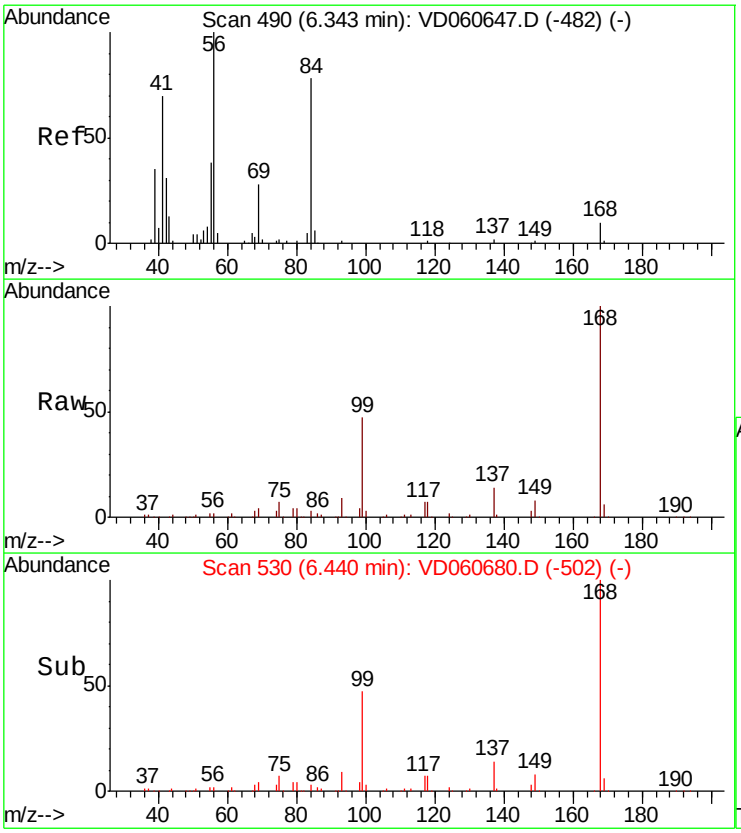
#29
Tetrahydrofuran
Concen: 1.094 ug/l
RT: 5.99 min Scan# 484
Delta R.T. 0.03 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion: 42 Resp: 1508

Ion	Ratio	Lower	Upper
42	100		
72	16.2	28.0	42.0#
71	0.0	27.0	40.6#

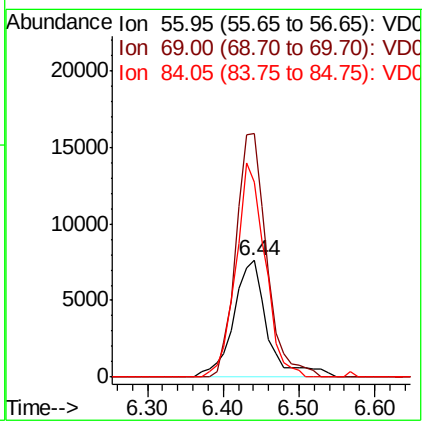


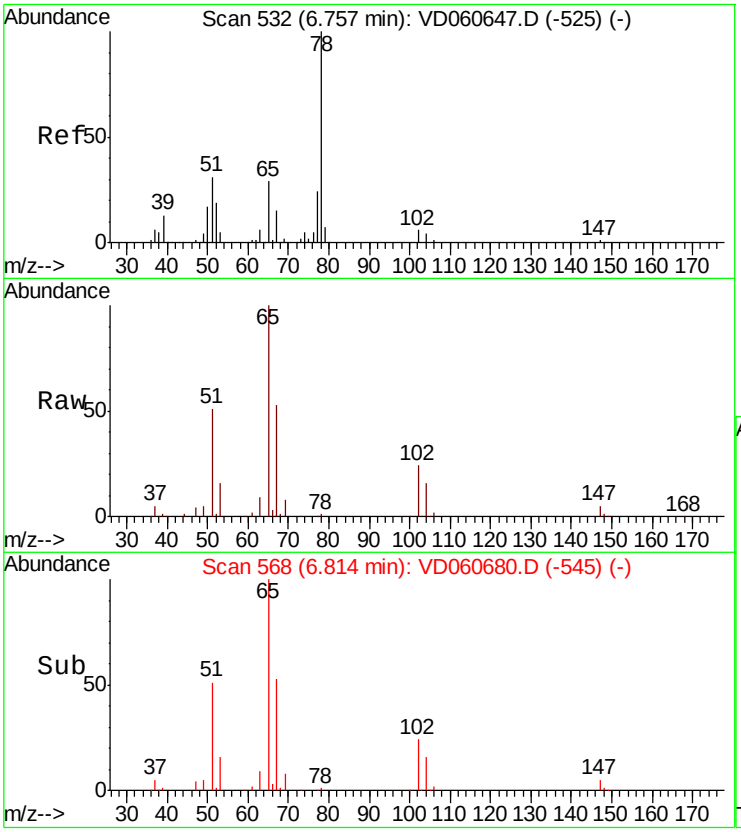


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 6.44 min Scan# 530
Delta R.T. 0.07 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 56 Resp: 23467

Ion	Ratio	Lower	Upper
56	100		
69	209.1	23.6	35.4#
84	167.4	65.8	98.6#



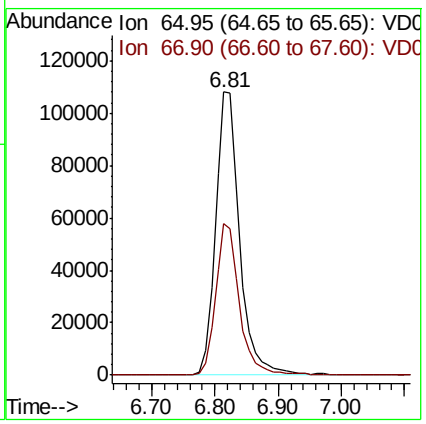


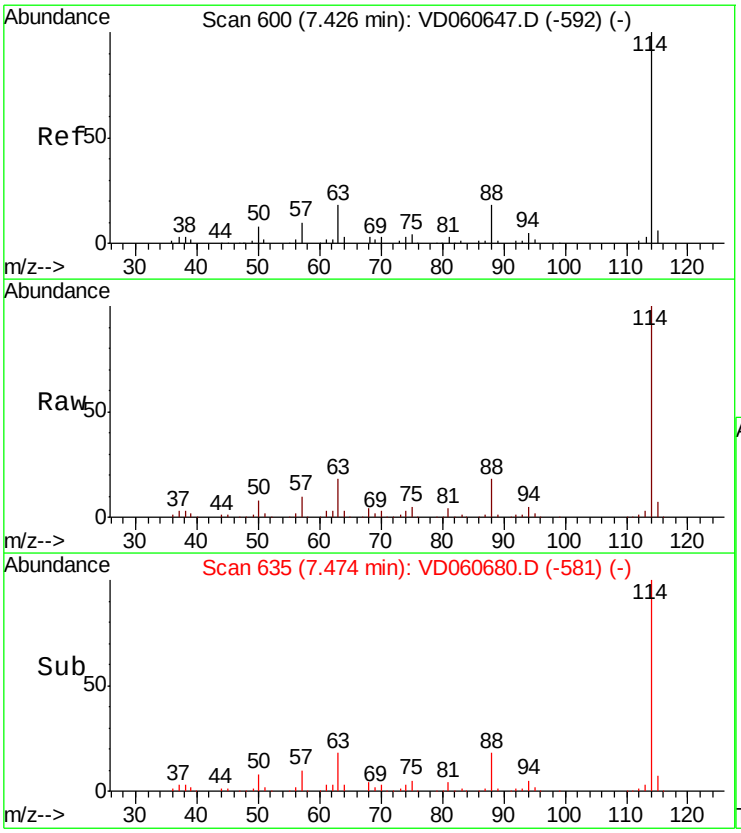
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.81 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion: 65 Resp: 286744

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4

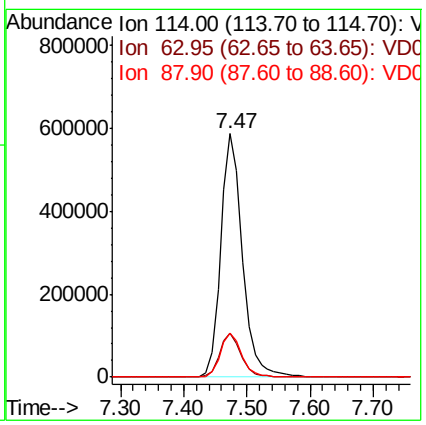


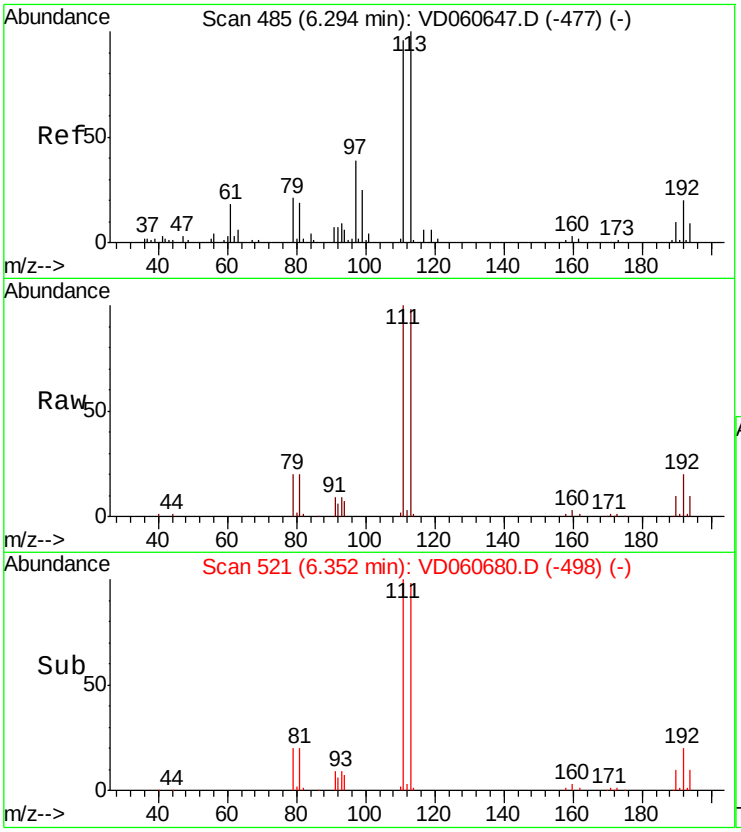


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.47 min Scan# 635
Delta R.T. 0.03 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:114 Resp: 1397597

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.2
88	18.0	0.0	37.0



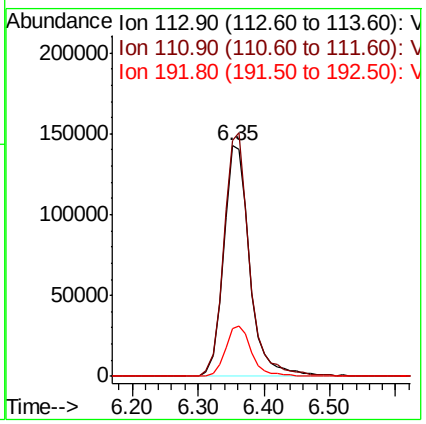


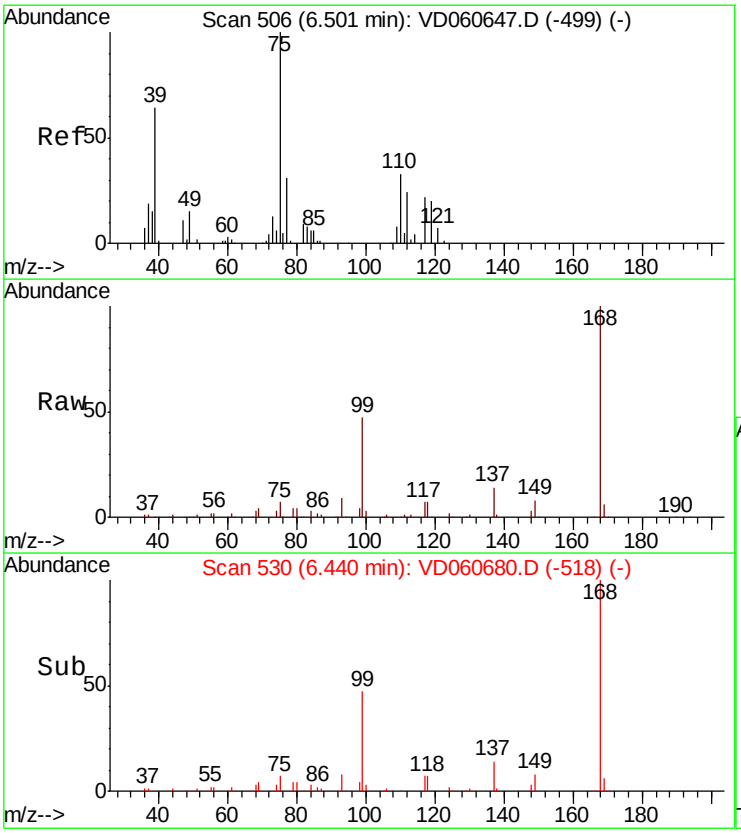
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.35 min Scan# 521
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:113 Resp: 394722

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.0	120.0
192	20.8	16.6	25.0

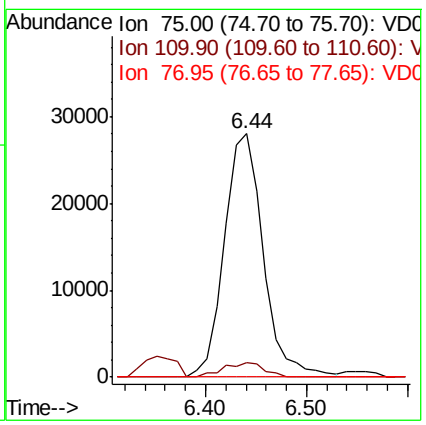


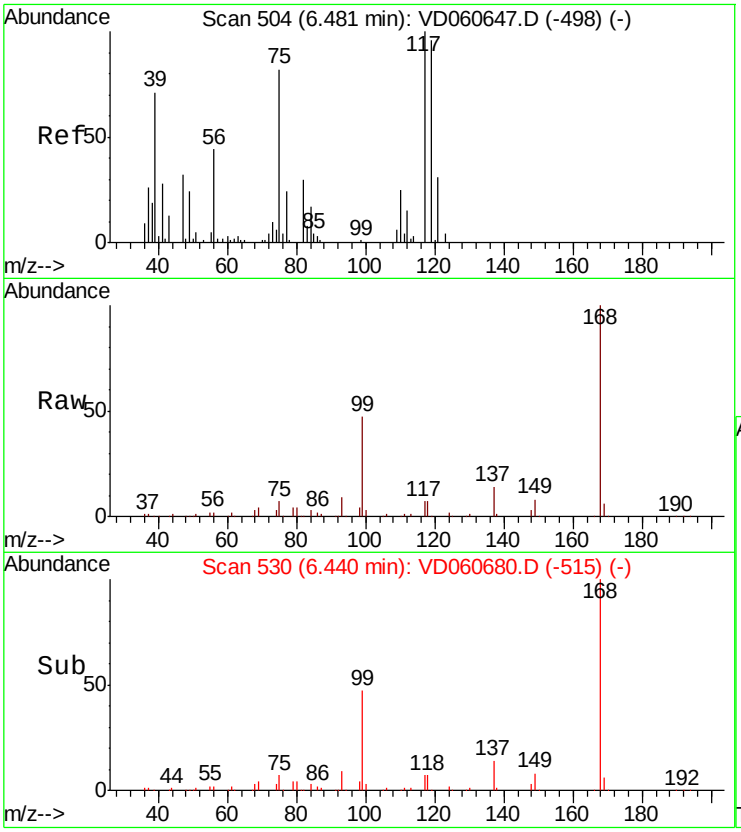


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 6.44 min Scan# 530
Delta R.T. -0.09 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 75 Resp: 75122

Ion	Ratio	Lower	Upper
75	100		
110	6.0	18.9	56.7#
77	0.0	25.4	38.0#



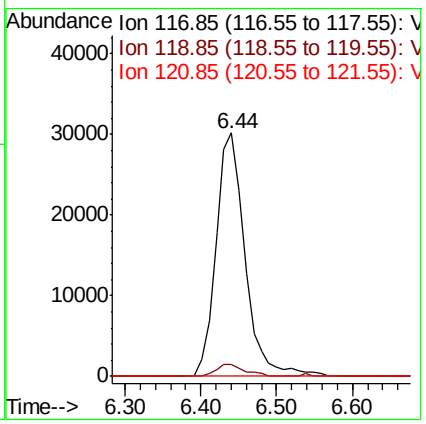


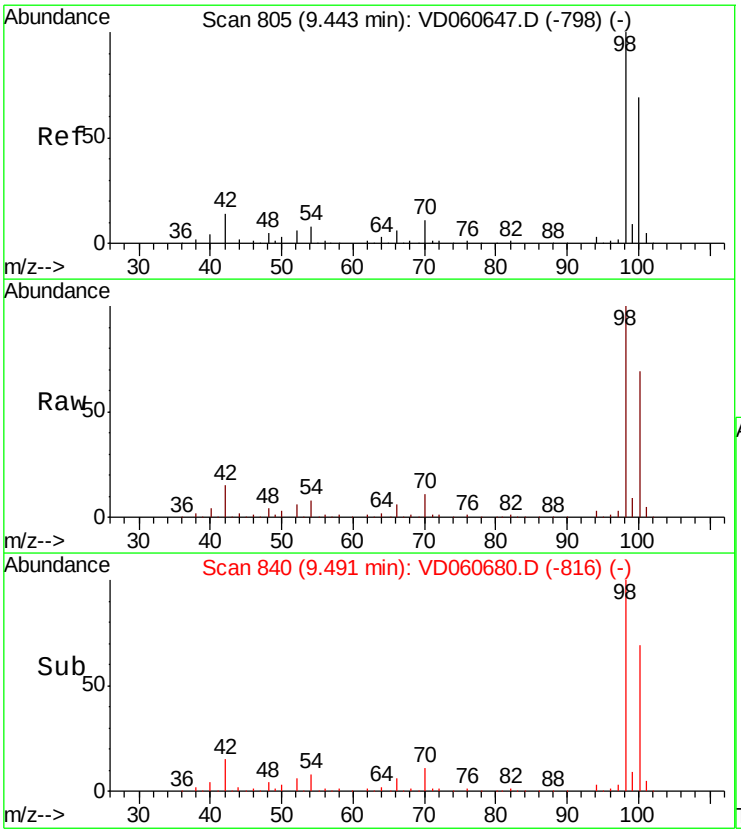
#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 6.44 min Scan# 530
Delta R.T. -0.06 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion:117 Resp: 80380

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.0	115.4#
121	0.0	24.7	37.1#

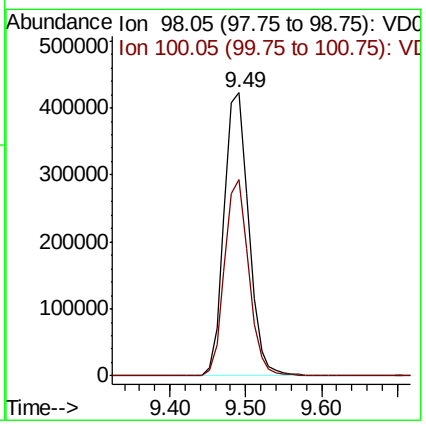


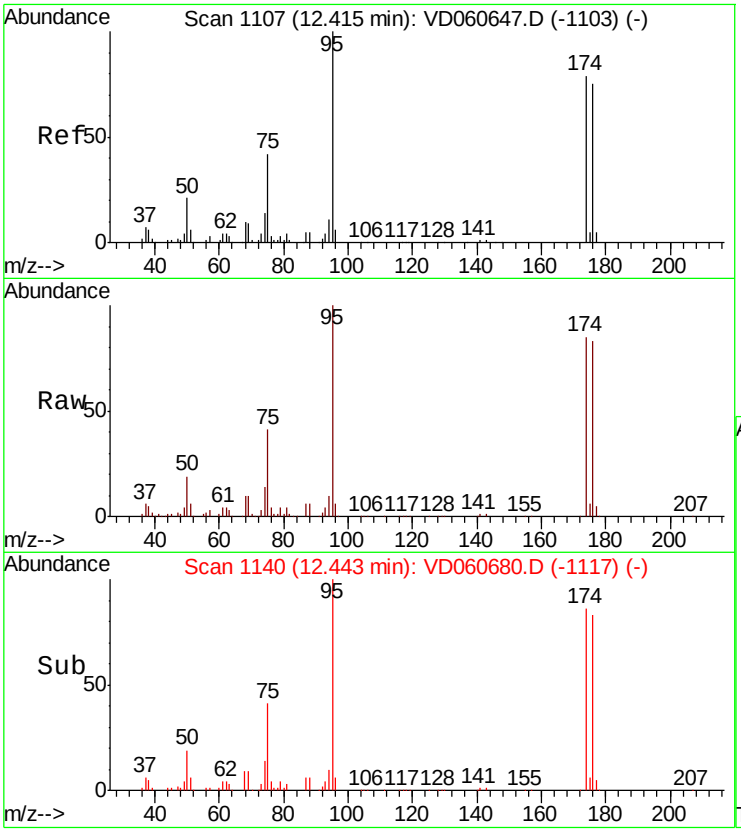


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 98 Resp: 951580

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.8	83.8



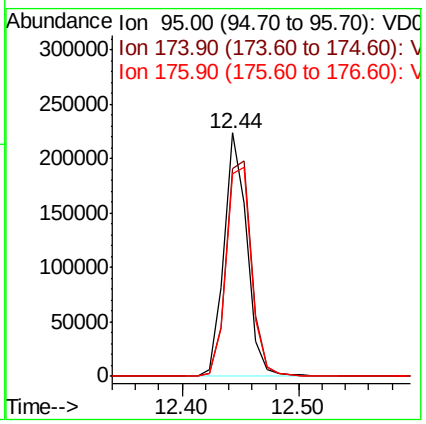


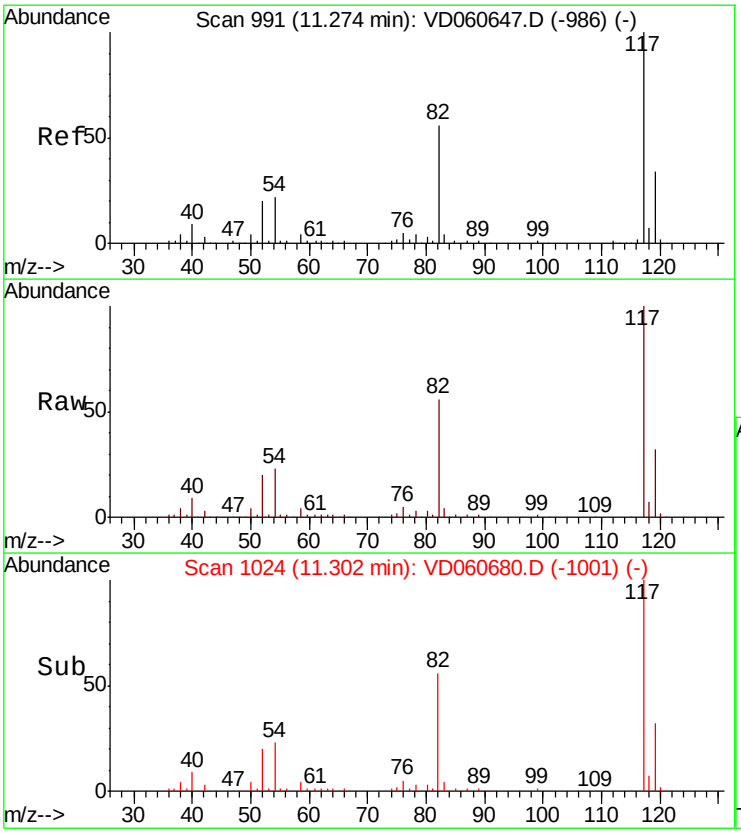
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion: 95 Resp: 305144

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	158.2
176	83.3	0.0	152.4

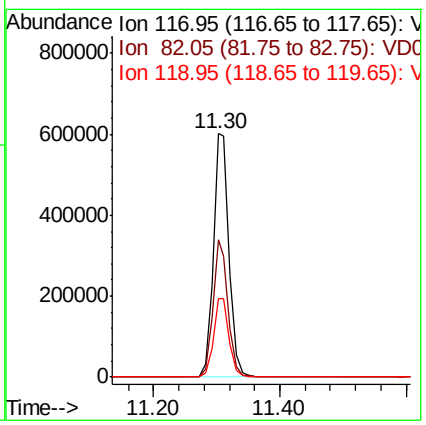


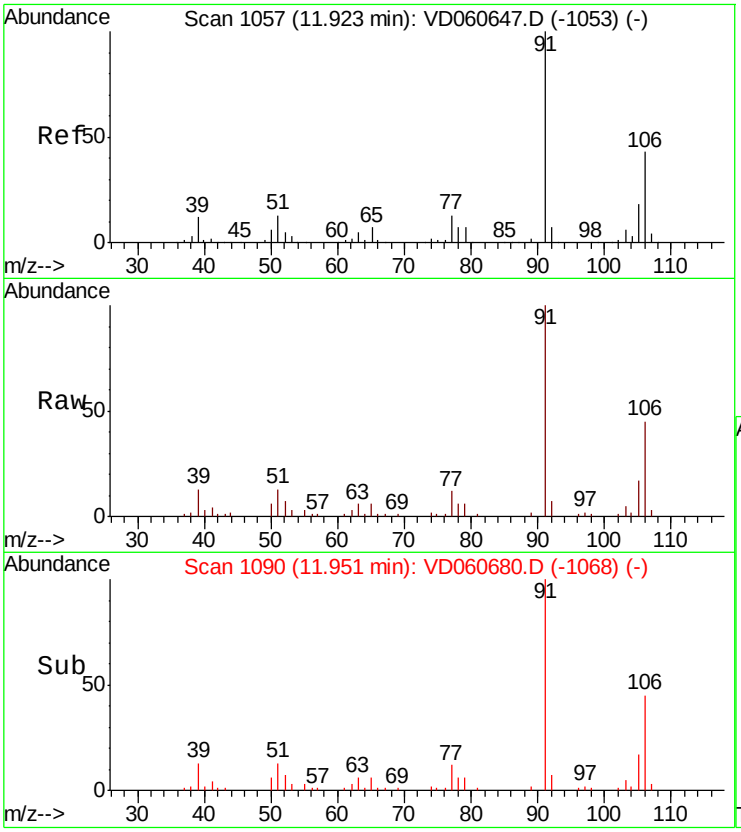


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:117 Resp: 1058100

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.3	26.3	39.5



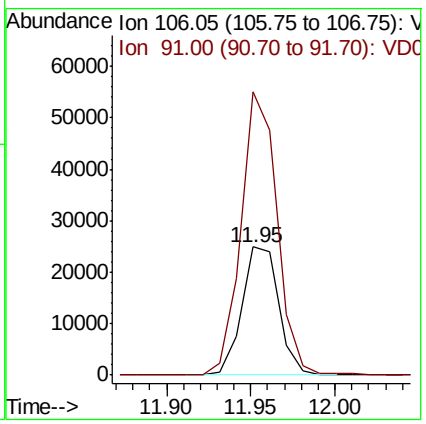


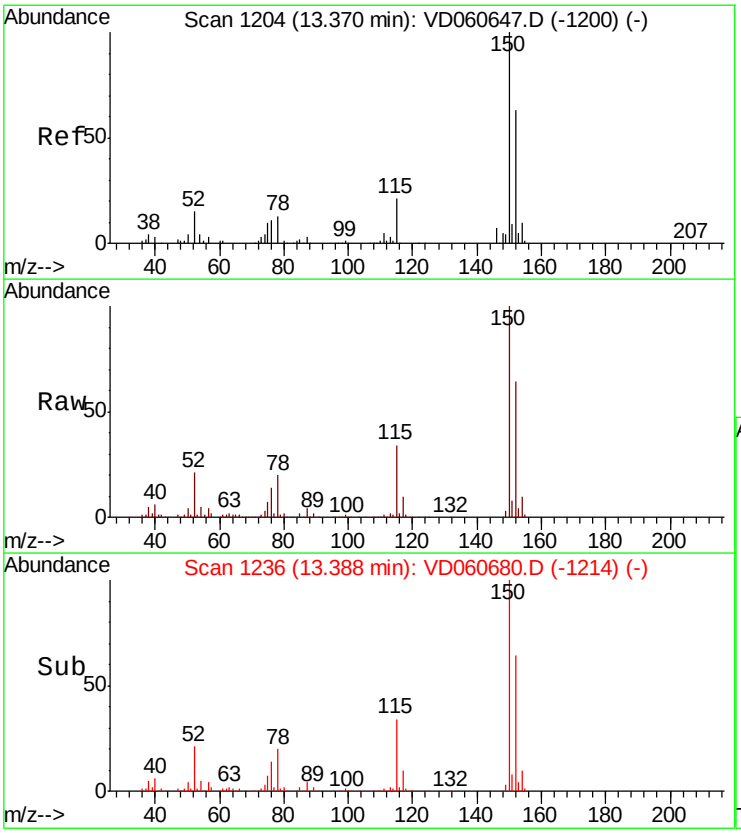
#69
o-Xylene
Concen: 2.711 ug/l
RT: 11.95 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:106 Resp: 37634

Ion	Ratio	Lower	Upper
106	100		
91	220.8	101.5	304.5

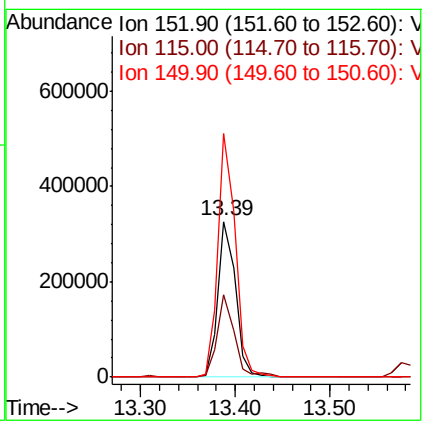


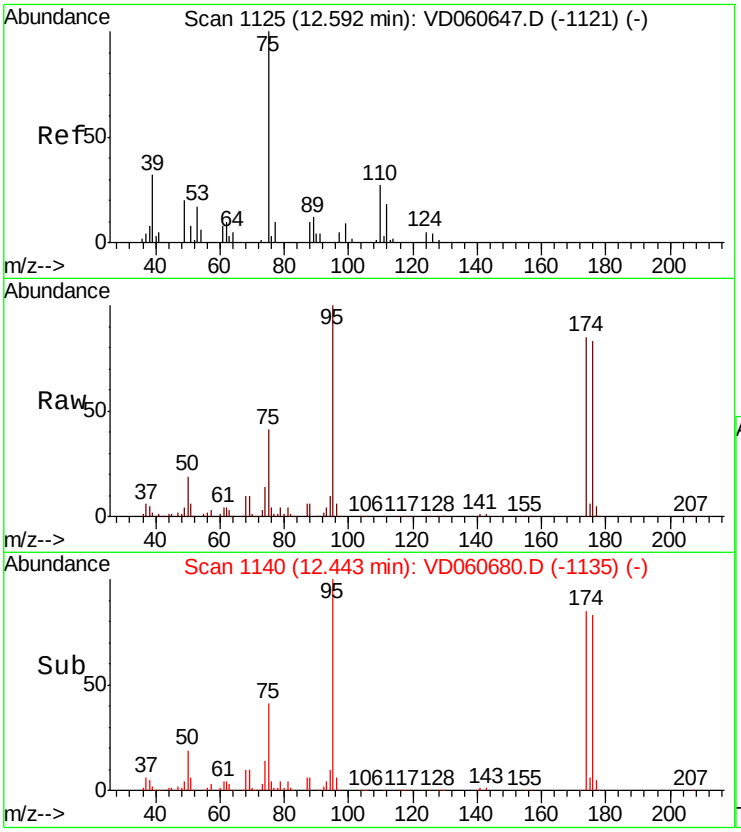


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:152 Resp: 422321

Ion	Ratio	Lower	Upper
152	100		
115	53.1	24.1	72.3
150	156.7	0.0	315.0



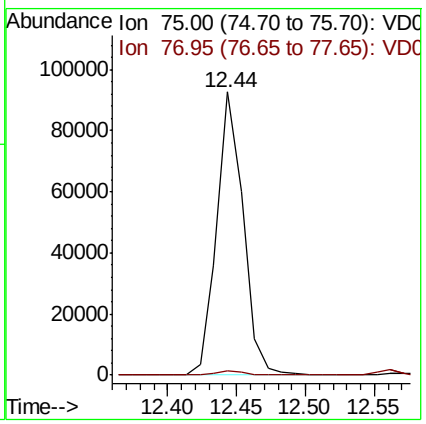


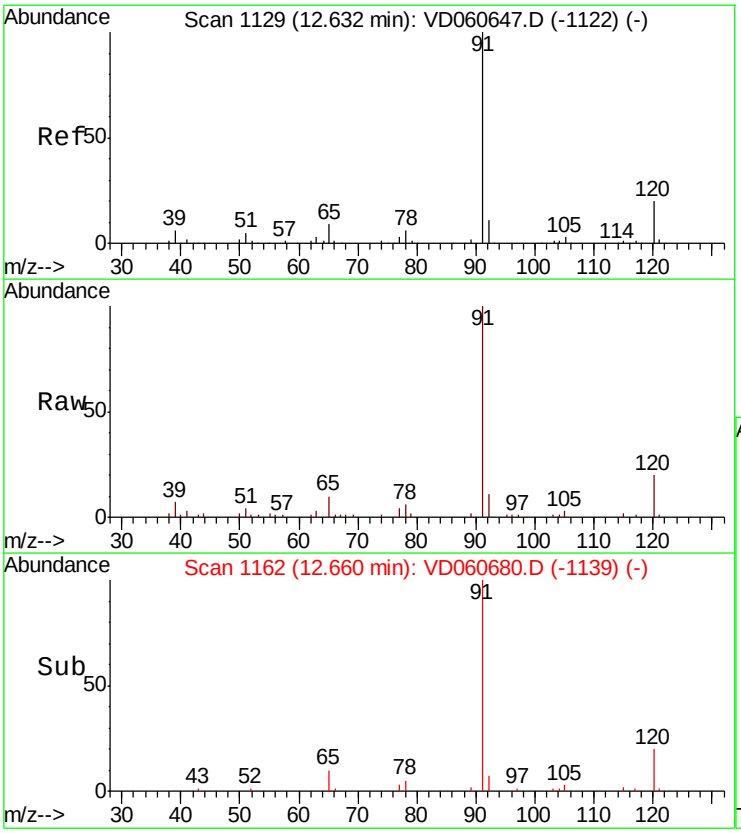
#76
1,2,3-Trichloropropane
Concen: 25.481 ug/l
RT: 12.44 min Scan# 1140
Delta R.T. -0.15 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion: 75 Resp: 122513

Ion	Ratio	Lower	Upper
75	100		
77	1.6	16.7	50.0#

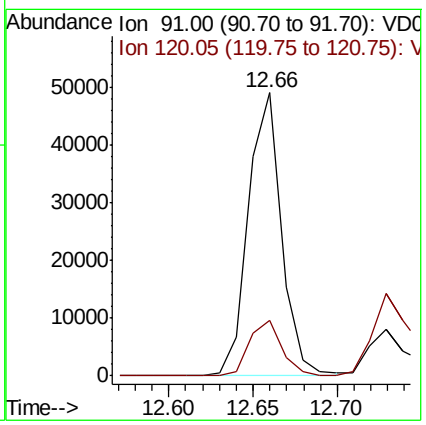


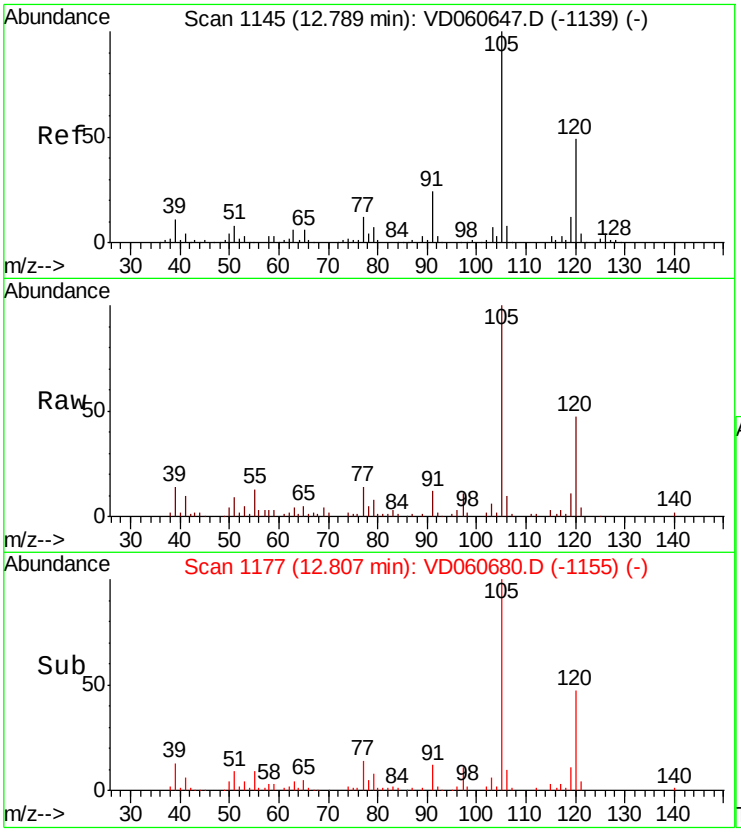


#78
n-propylbenzene
Concen: 1.743 ug/l
RT: 12.66 min Scan# 1162
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 91 Resp: 67007

Ion	Ratio	Lower	Upper
91	100		
120	19.6	10.4	31.2



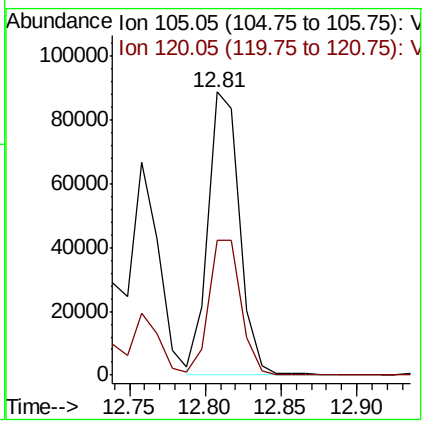


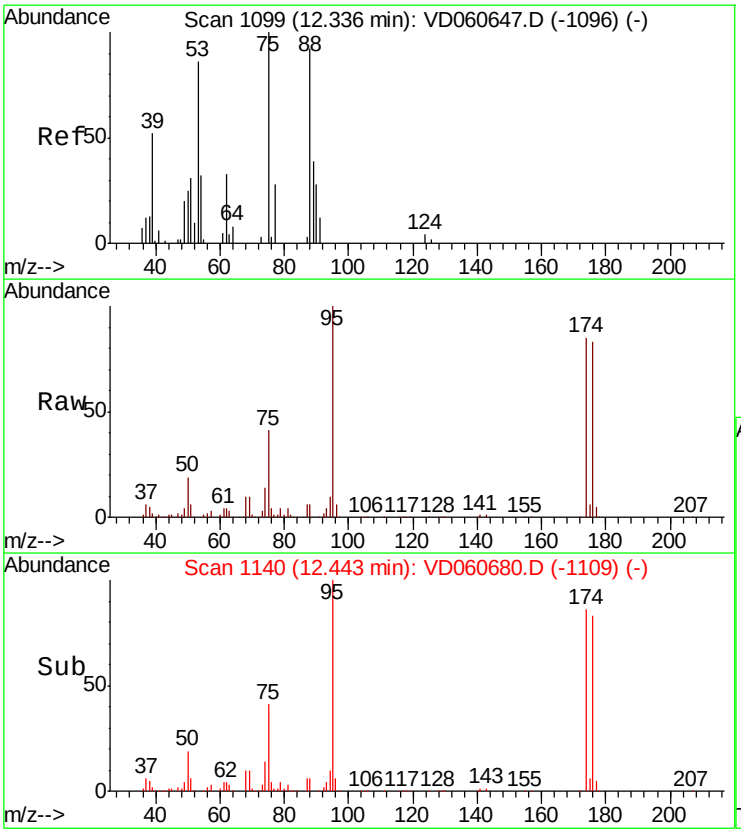
#80
1,3,5-Trimethylbenzene
Concen: 5.552 ug/l
RT: 12.81 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:105 Resp: 128913

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.8	74.4

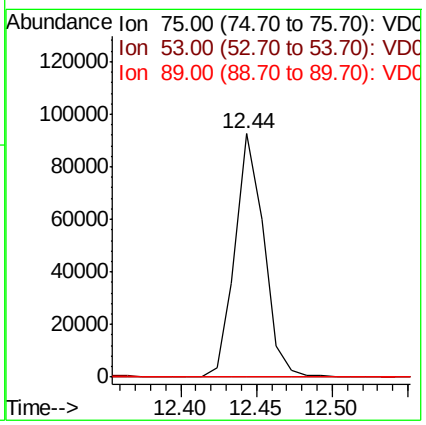


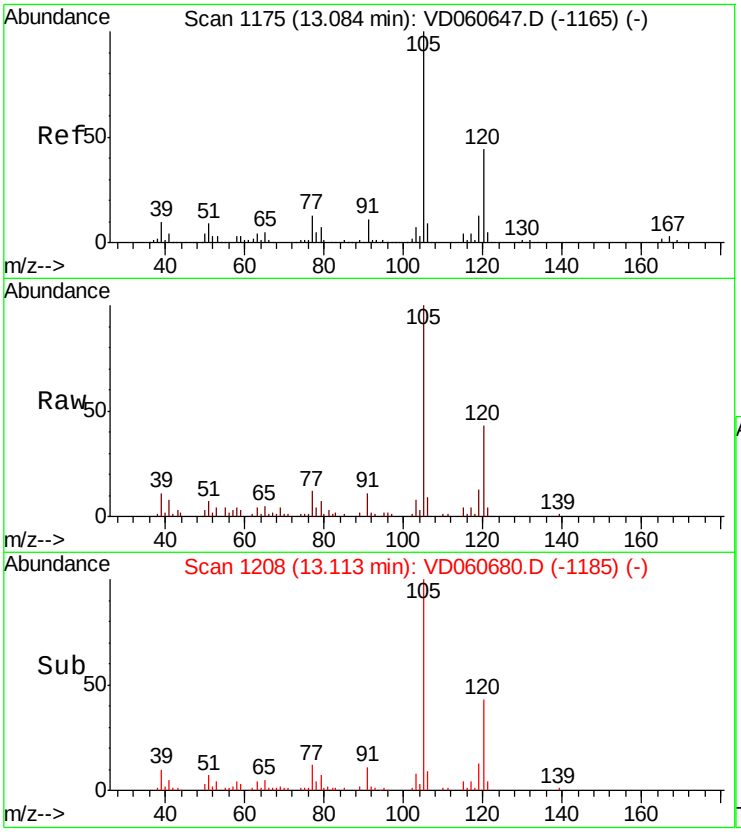


#81
trans-1,4-Dichloro-2-butene
Concen: 92.191 ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.10 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion: 75 Resp: 122483

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.1	108.1#
89	0.0	35.1	52.7#



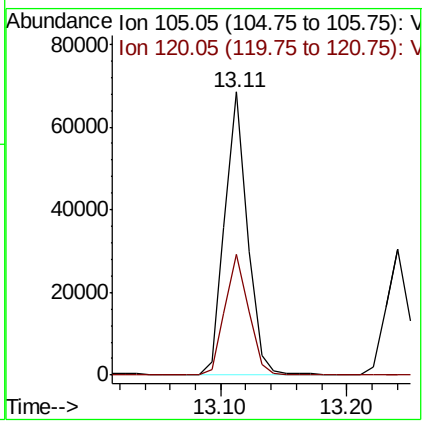


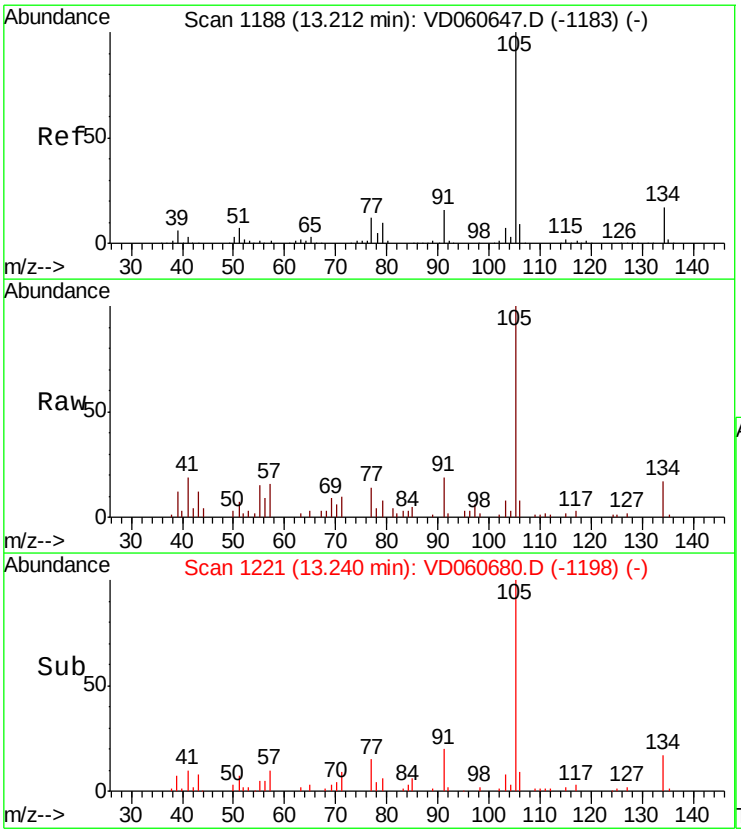
#84
1,2,4-Trimethylbenzene
Concen: 3.563 ug/l
RT: 13.11 min Scan# 1208
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:105 Resp: 85215

Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.4	67.0

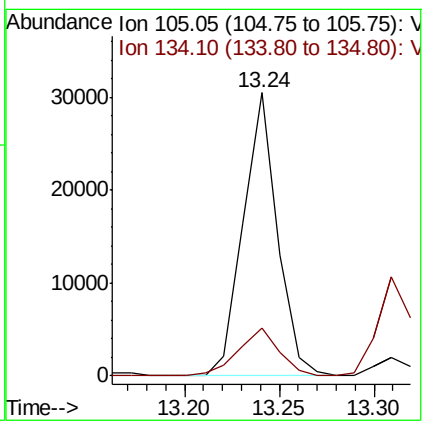


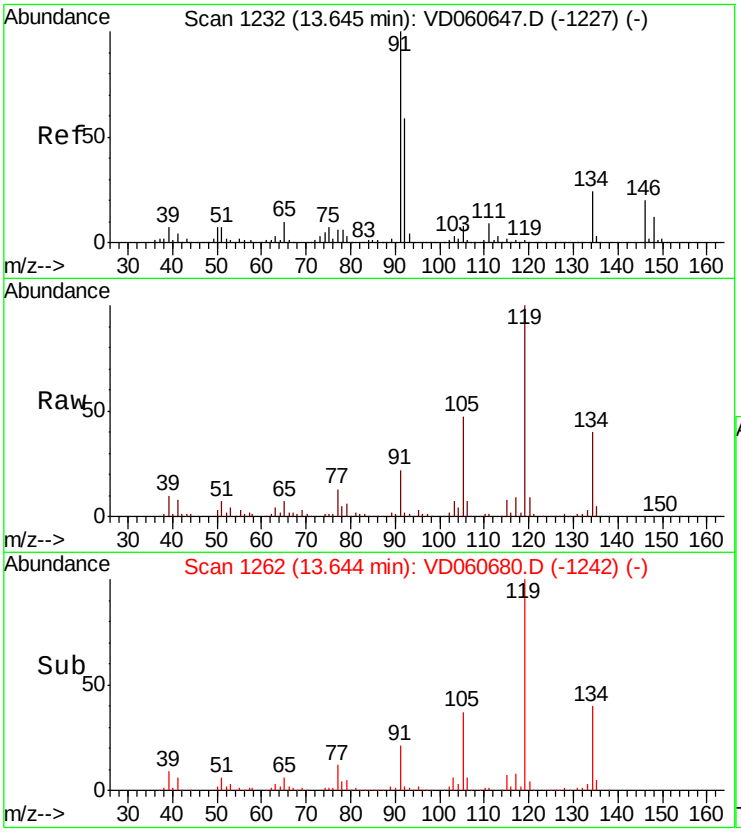


#85
sec-Butylbenzene
Concen: 1.184 ug/l
RT: 13.24 min Scan# 1221
Delta R.T. 0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:105 Resp: 38156

Ion	Ratio	Lower	Upper
105	100		
134	16.8	8.2	24.4



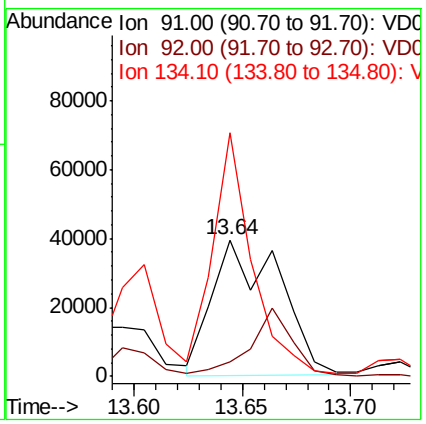


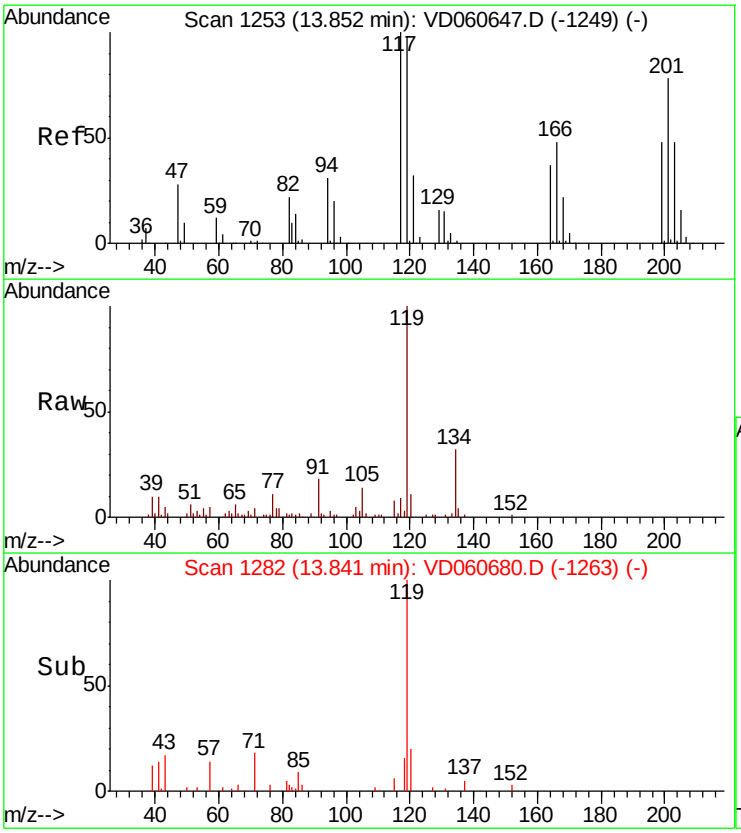
#89
n-Butylbenzene
Concen: 3.191 ug/l
RT: 13.64 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument : MSVOA_D
ClientSampleId : PROP-SW-1RE

Tgt Ion: 91 Resp: 84813

Ion	Ratio	Lower	Upper
91	100		
92	10.2	29.7	89.1#
134	178.3	12.7	38.1#

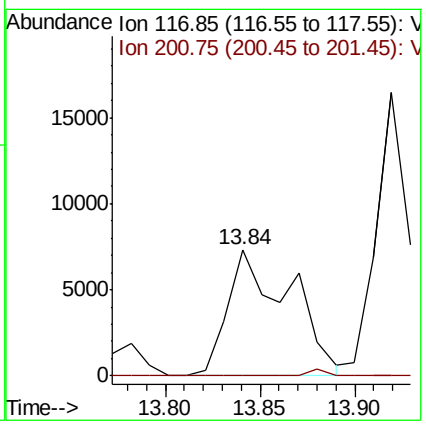


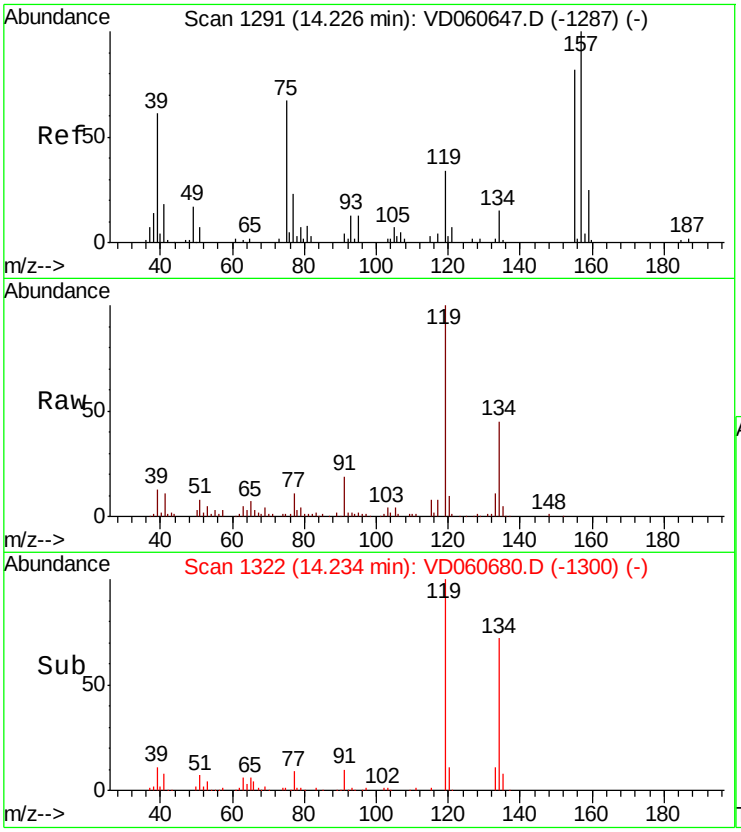


#90
Hexachloroethane
Concen: 2.619 ug/l
RT: 13.84 min Scan# 1282
Delta R.T. -0.02 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:117 Resp: 16737

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.6	127.8#



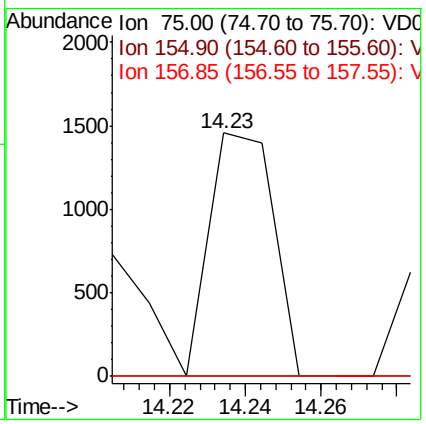


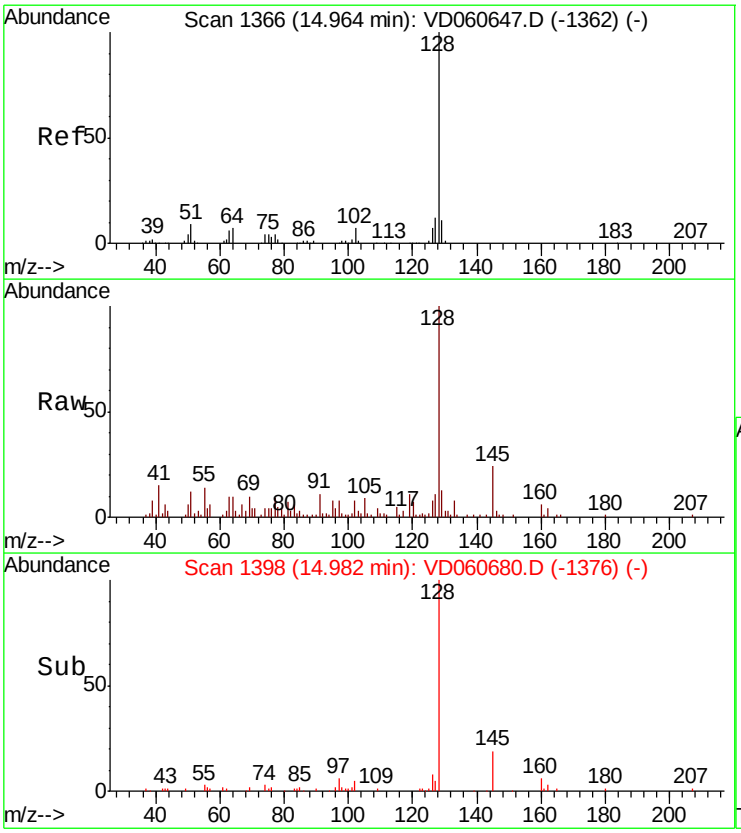
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.943 ug/l
RT: 14.23 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion: 75 Resp: 1685

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.1	123.4#
157	0.0	52.5	157.6#

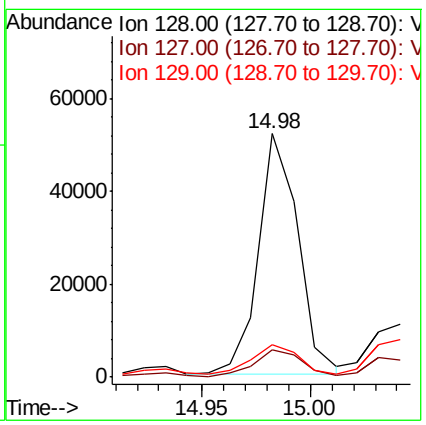


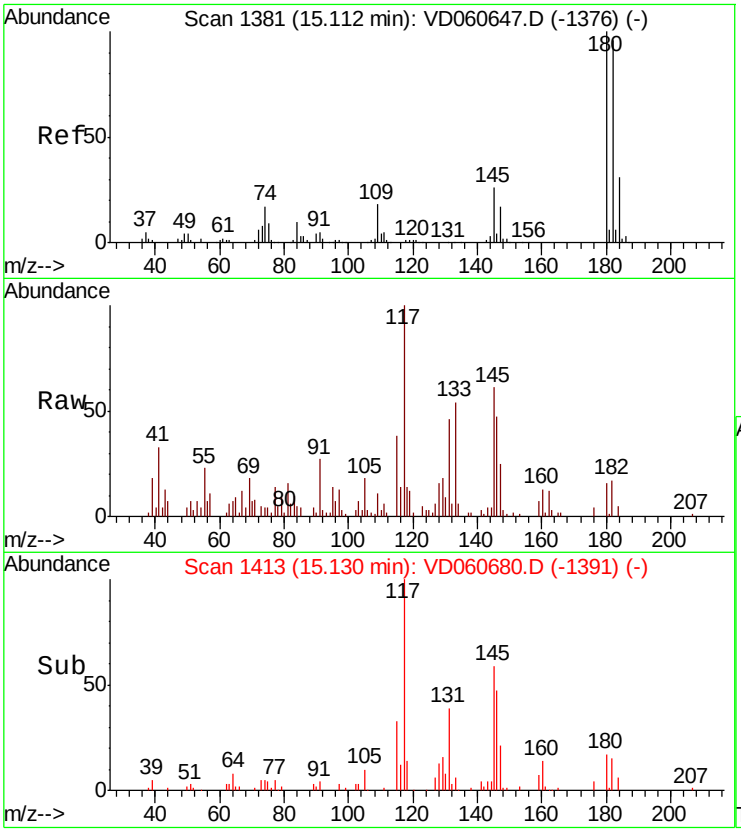


#95
Naphthalene
Concen: 5.911 ug/l
RT: 14.98 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Tgt Ion:128 Resp: 65352

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.1	15.1
129	13.2	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 1.069 ug/l
RT: 15.13 min Scan# 1413
Delta R.T. 0.01 min
Lab File: VD060680.D
Acq: 21 Dec 2018 13:30

Instrument :
MSVOA_D
ClientSampleId :
PROP-SW-1RE

Tgt Ion:180 Resp: 7770

Ion	Ratio	Lower	Upper
180	100		
182	105.4	48.6	145.9
145	383.6	12.6	37.8#