Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060719\
Data File : VD062641.D
Acq On : 7 Jun 2019 13:42
Operator : FY/SY
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VIBLK

Quant Time: Jun 08 00:14:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	767610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1004121	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	890553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	458187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	545945	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
35) Dibromofluoromethane	6.92	113	563198	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.36%			
50) Toluene-d8	10.40	98	1183274	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.24%			
62) 4-Bromofluorobenzene	13.55	95	540631	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	1886	Below Cal		90
10) Methyl Iodide	3.32	142	3014	4.211	ug/l #	53
11) Tert butyl alcohol	3.99	59	8830	19.394	ug/l #	61
13) Acrolein	2.86	56	246	1.680	ug/l	95
16) Acetone	3.22	43	10725	5.288	ug/l #	81
20) Methylene Chloride	3.82	84	31582	3.712	ug/l #	87
31) Cyclohexane	7.04	56	21104	2.414	ug/l #	21
37) Ethyl Acetate	6.17	43	5902	2.376	ug/l #	15
38) Carbon Tetrachloride	7.04	117	83887	4.618	ug/l #	17
71) Bromoform	13.23	173	518	2.899	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.55	75	259409	133.728	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	8296	4.221	ug/l	87
95) Naphthalene	16.12	128	16365	4.366	ug/l #	83
96) 1,2,3-Trichlorobenzene	16.27	180	8151	1.018	ug/l	91

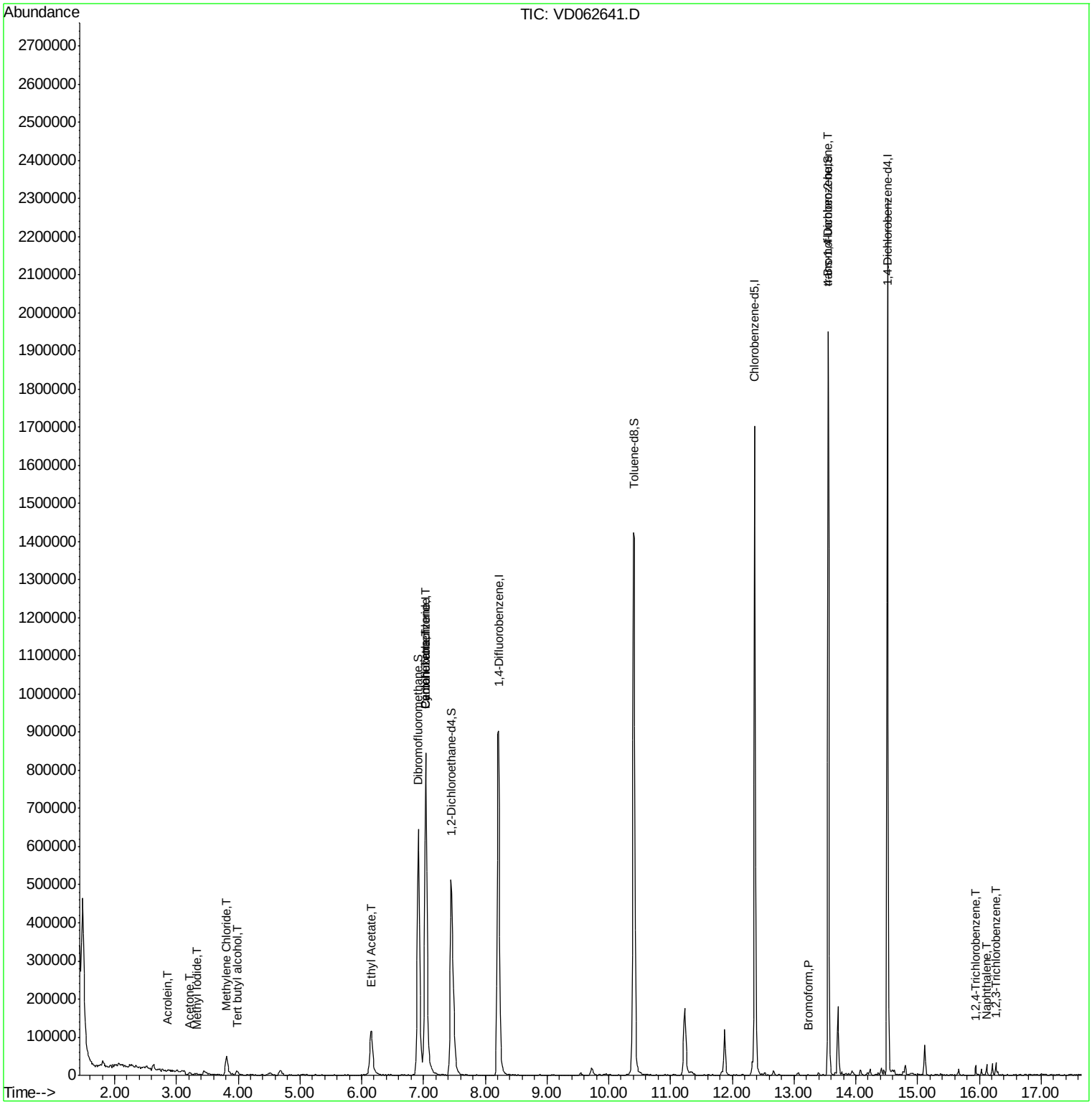
(#) = qualifier out of range (m) = manual integration (+) = signals summed

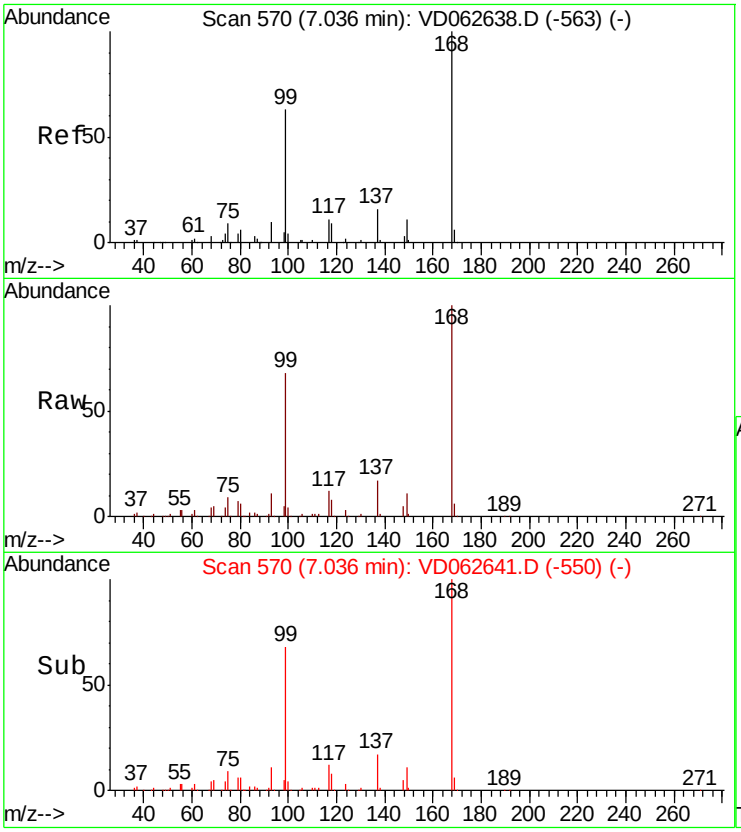
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060719\
Data File : VD062641.D
Acq On : 7 Jun 2019 13:42
Operator : FY/SY
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jun 08 00:14:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration



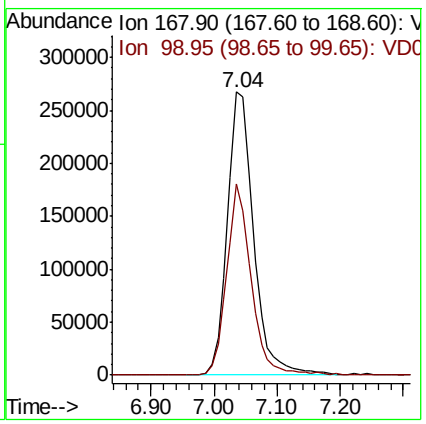


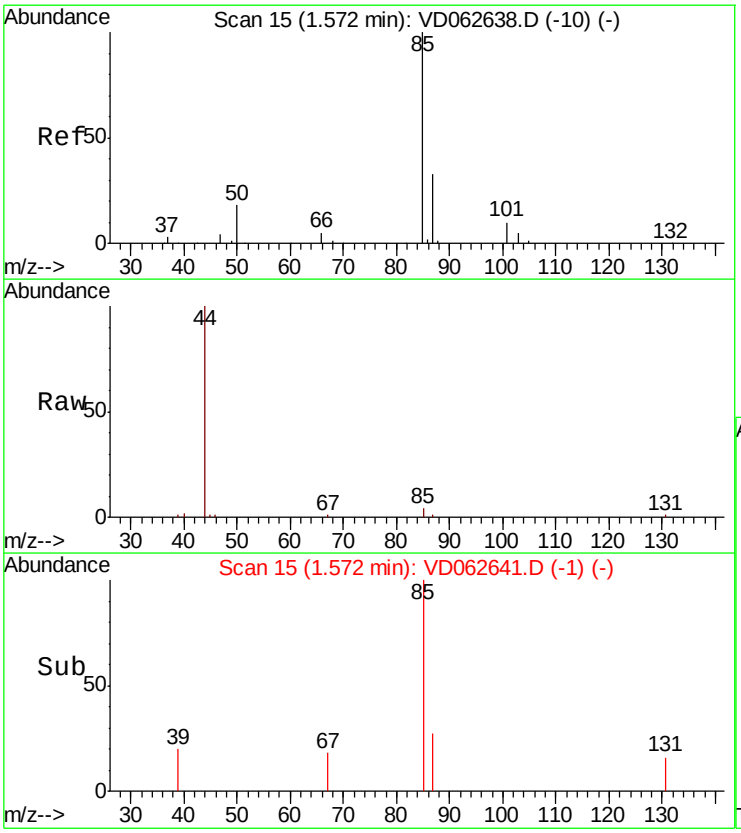
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 767610

Ion	Ratio	Lower	Upper
168	100		
99	67.6	51.4	77.2

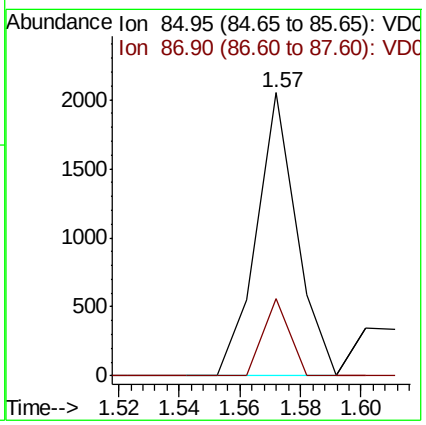


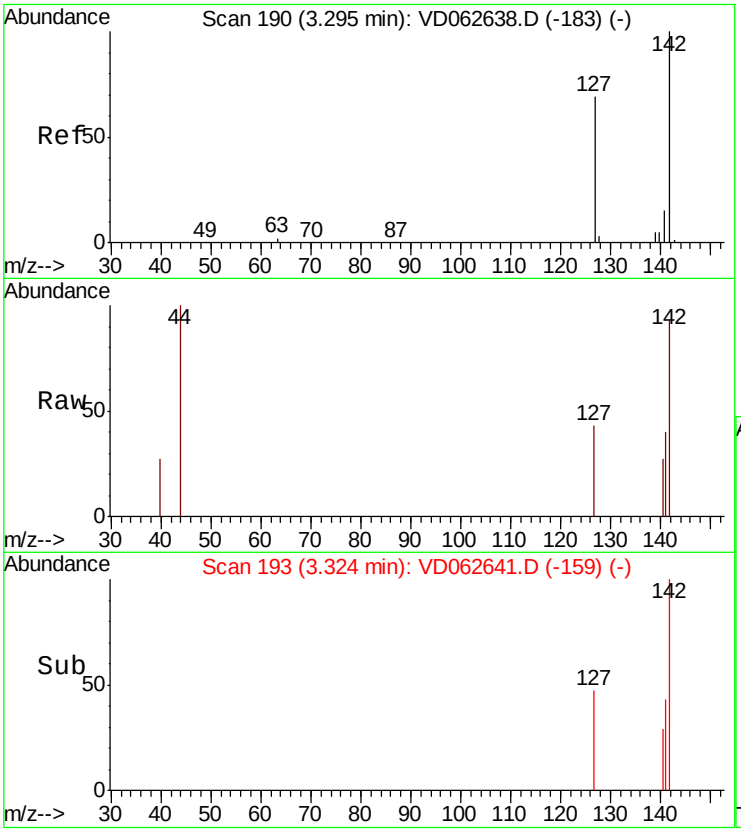


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 85 Resp: 1886

Ion	Ratio	Lower	Upper
85	100		
87	27.5	16.6	49.7



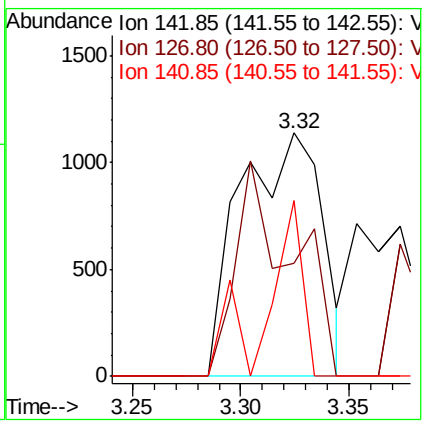


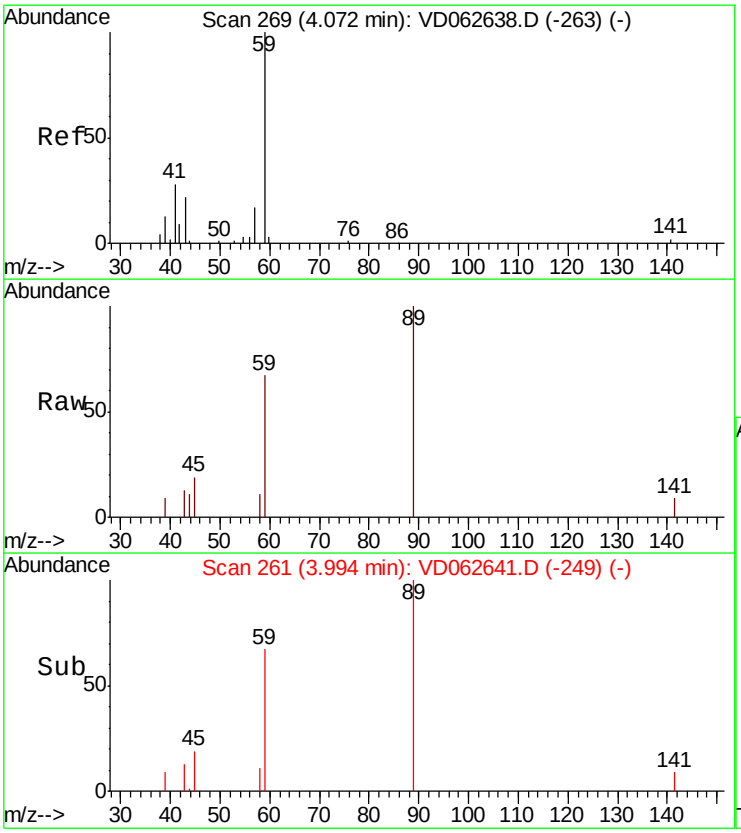
#10
Methyl Iodide
Concen: 4.211 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument : MSVOA_D
ClientSampleId : VIBLK

Tgt Ion:142 Resp: 3014

Ion	Ratio	Lower	Upper
142	100		
127	46.7	55.2	82.8#
141	72.2	12.1	18.1#

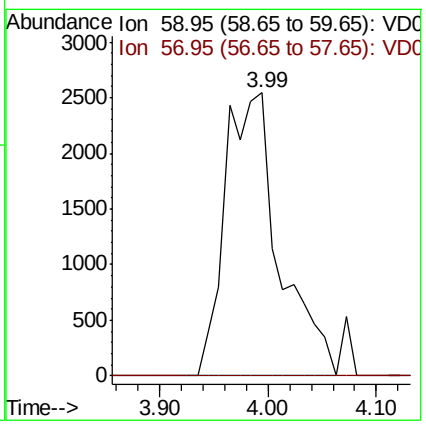


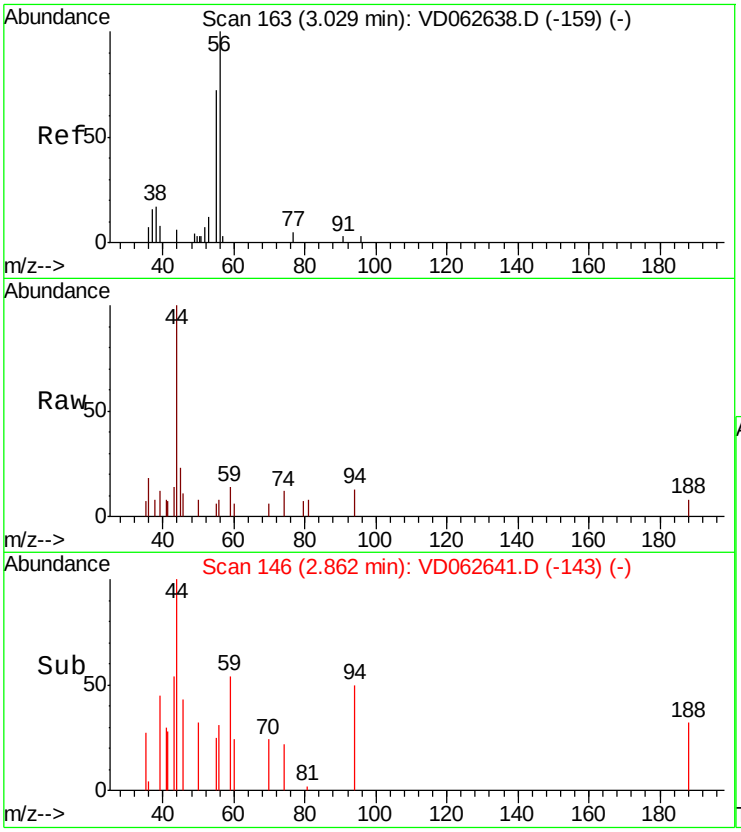


#11
Tert butyl alcohol
Concen: 19.394 ug/l
RT: 3.99 min Scan# 261
Delta R.T. -0.08 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 59 Resp: 8830

Ion	Ratio	Lower	Upper
59	100		
57	0.0	13.7	20.5#



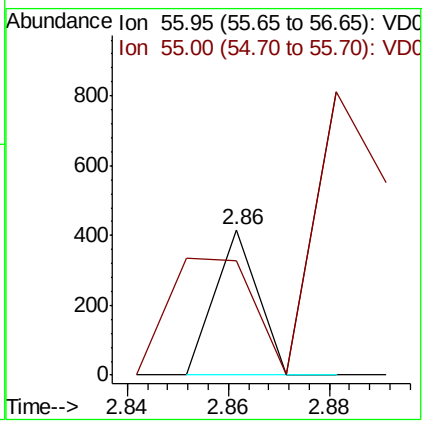


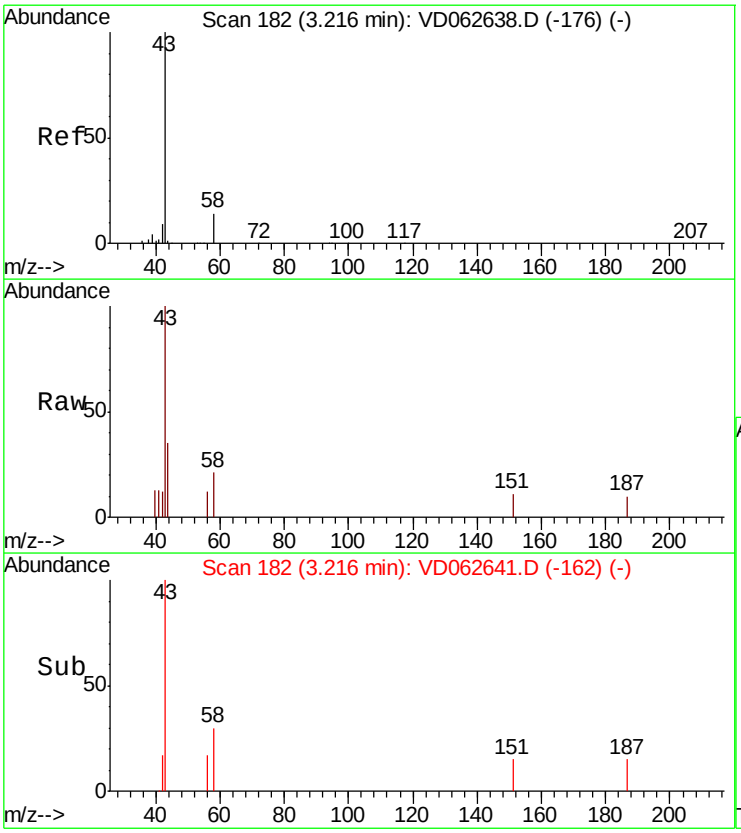
#13
Acrolein
Concen: 1.680 ug/l
RT: 2.86 min Scan# 146
Delta R.T. -0.17 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument : MSVOA_D
ClientSampleId : VIBLK

Tgt Ion: 56 Resp: 246

Ion	Ratio	Lower	Upper
56	100		
55	78.8	59.4	89.0

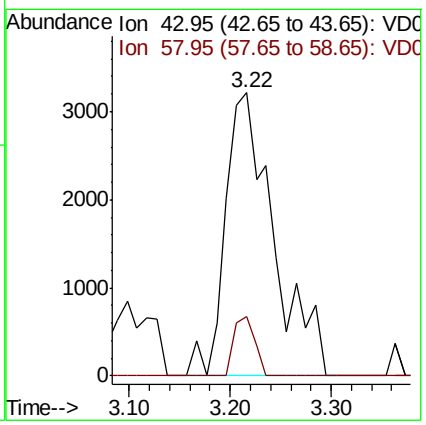


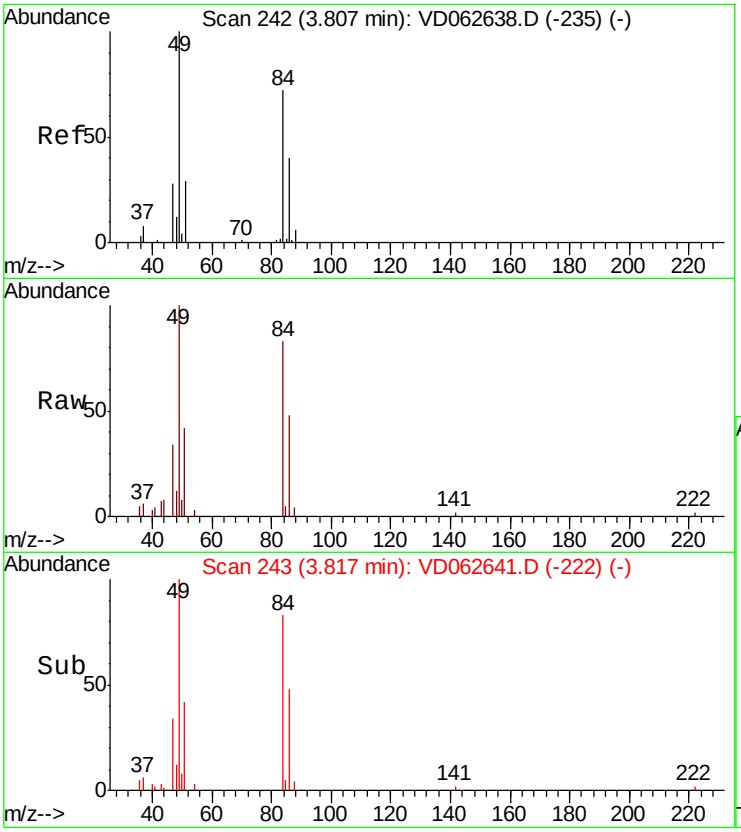


#16
Acetone
Concen: 5.288 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 43 Resp: 10725

Ion	Ratio	Lower	Upper
43	100		
58	21.2	10.8	16.2#



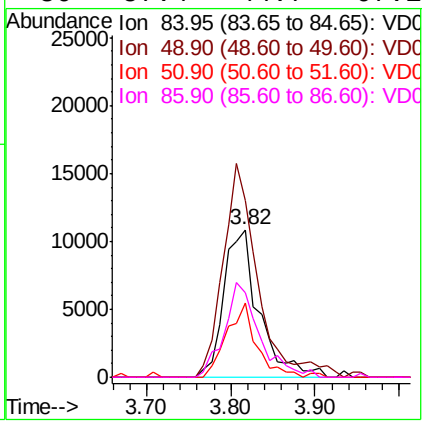


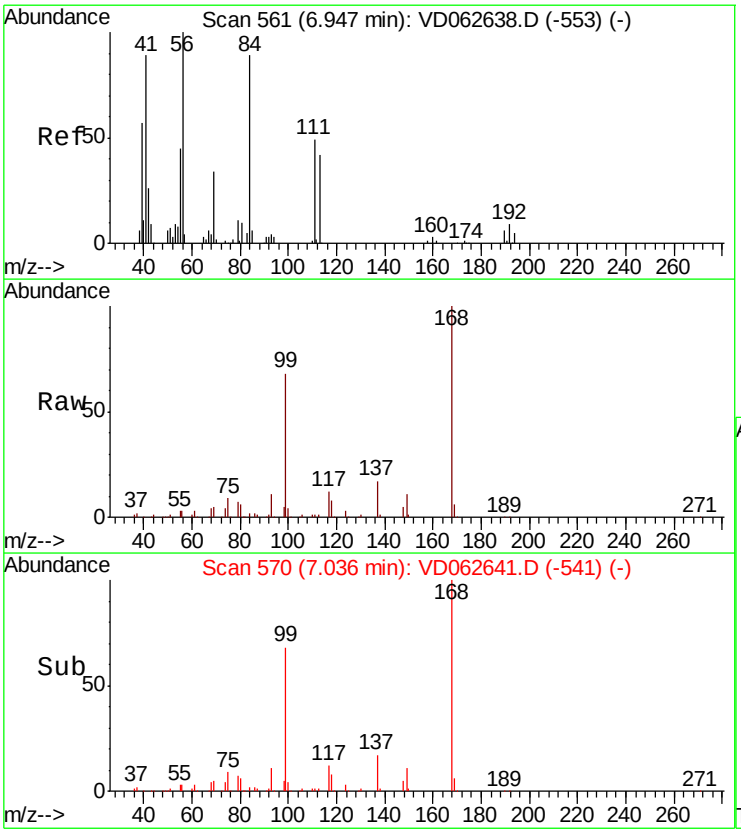
#20
Methylene Chloride
Concen: 3.712 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument : MSVOA_D
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 31582

Ion	Ratio	Lower	Upper
84	100		
49	119.9	111.2	166.8
51	50.7	31.9	47.9#
86	57.4	44.7	67.1

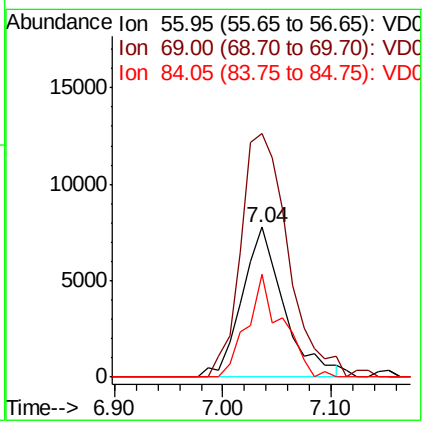


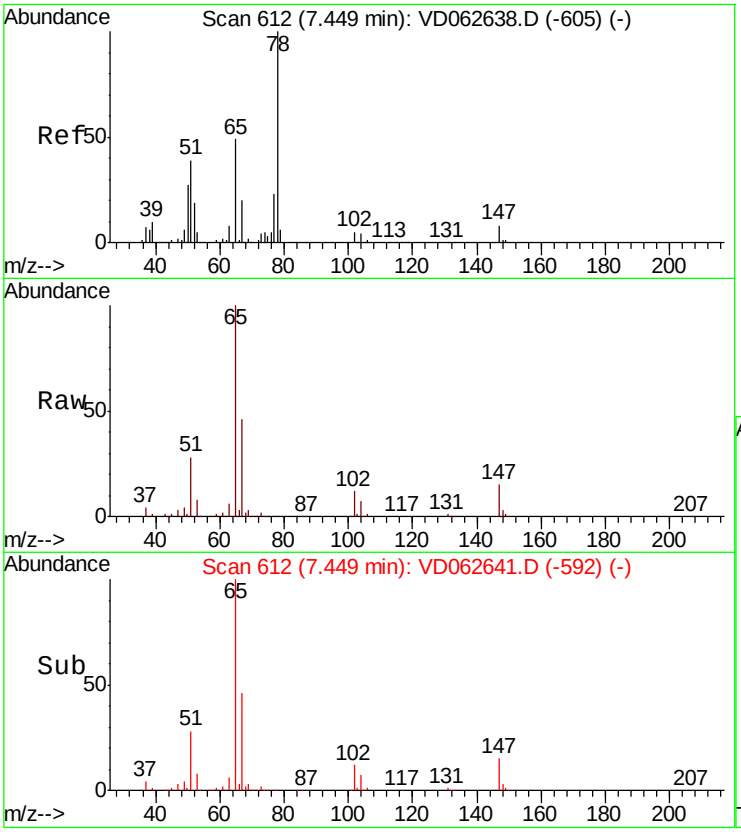


#31
Cyclohexane
Concen: 2.414 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.09 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 56 Resp: 21104

Ion	Ratio	Lower	Upper
56	100		
69	162.4	26.8	40.2#
84	68.6	73.9	110.9#



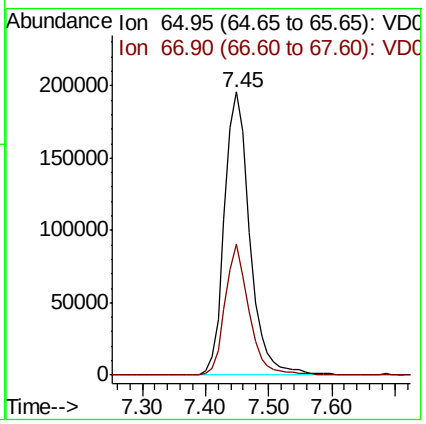


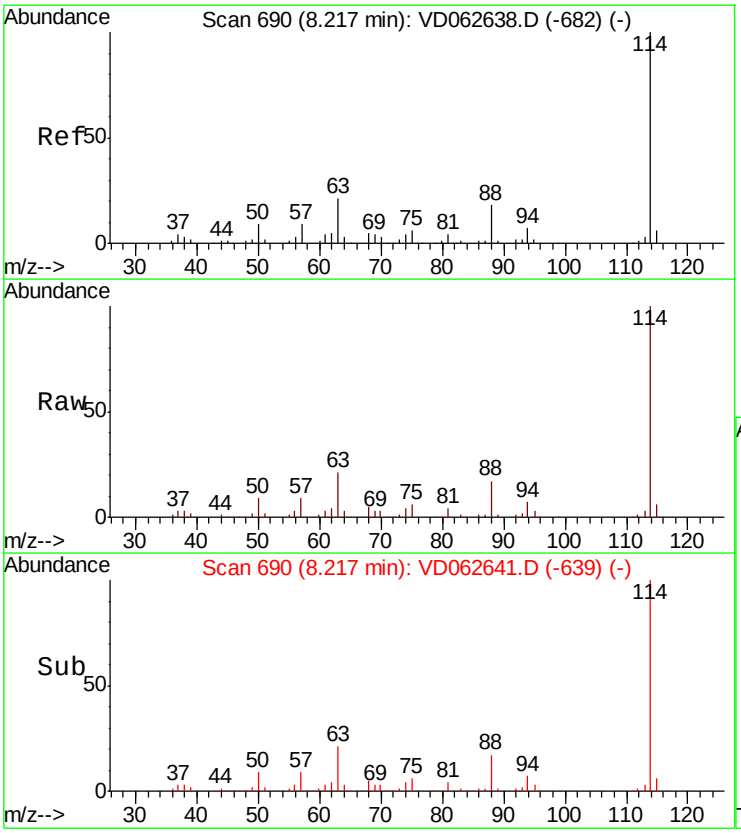
#33
1,2-Dichloroethane-d4
Concen: 49.288 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument : MSVOA_D
ClientSampleId : VIBLK

Tgt Ion: 65 Resp: 545945

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	81.8

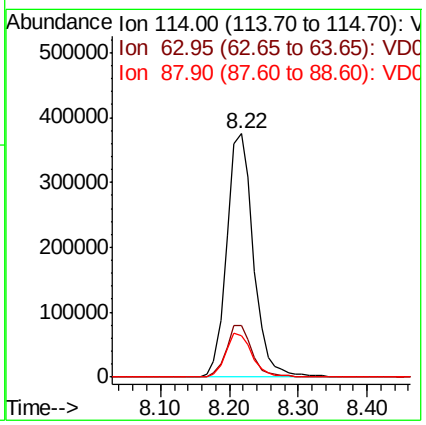


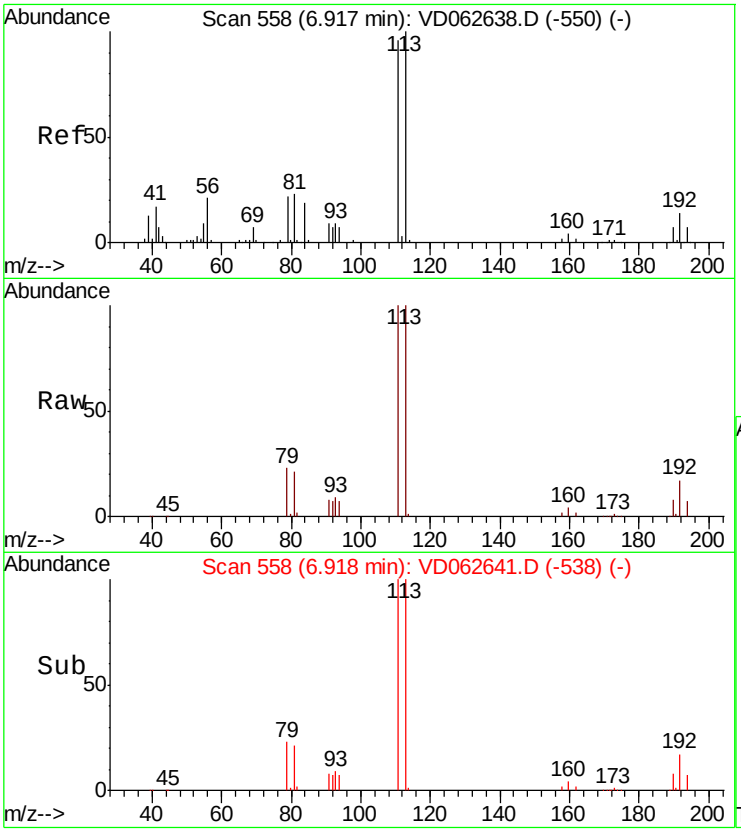


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion:114 Resp: 1004121

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	17.1	0.0	36.8



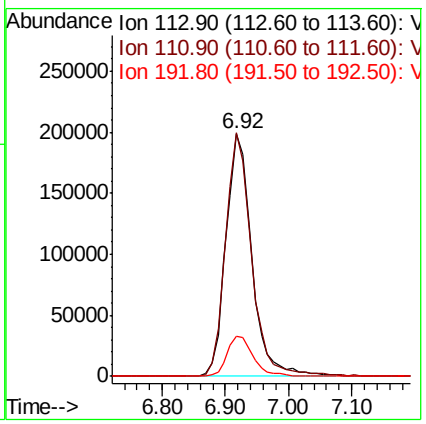


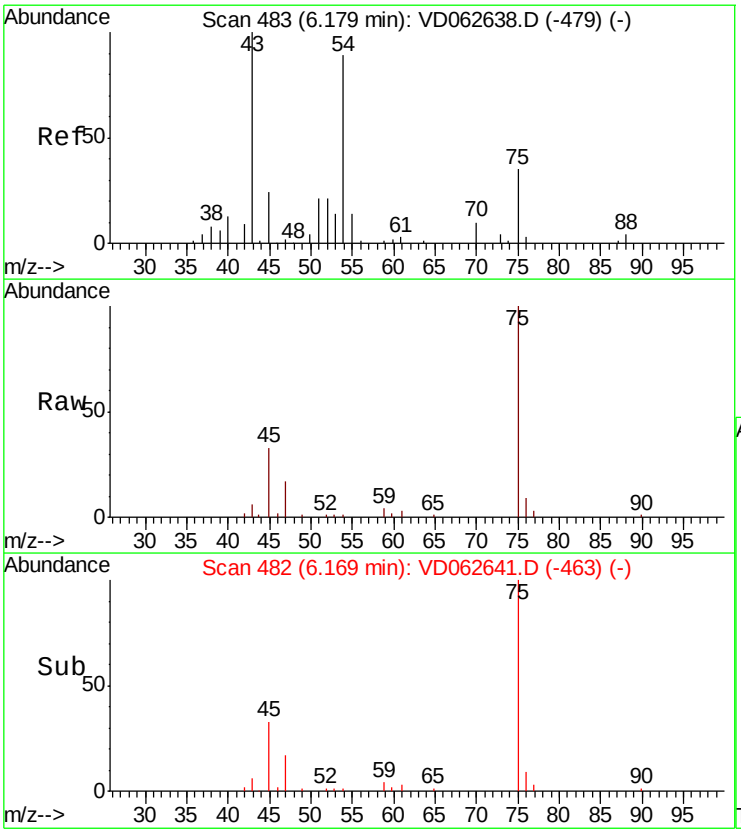
#35
Dibromofluoromethane
Concen: 53.183 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 563198

Ion	Ratio	Lower	Upper
113	100		
111	100.2	76.4	114.6
192	16.8	11.4	17.0

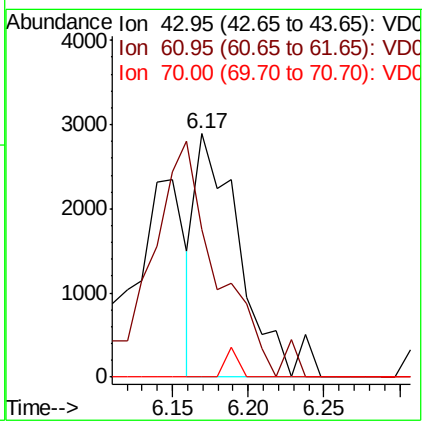


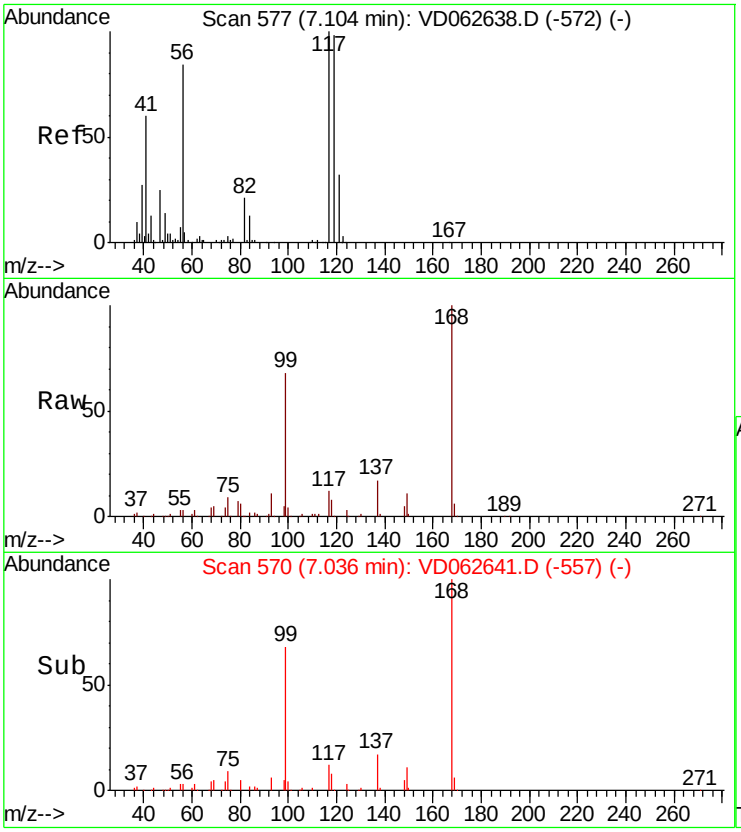


#37
Ethyl Acetate
Concen: 2.376 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.01 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 43 Resp: 5902

Ion	Ratio	Lower	Upper
43	100		
61	60.8	8.7	13.1#
70	0.0	6.5	9.7#



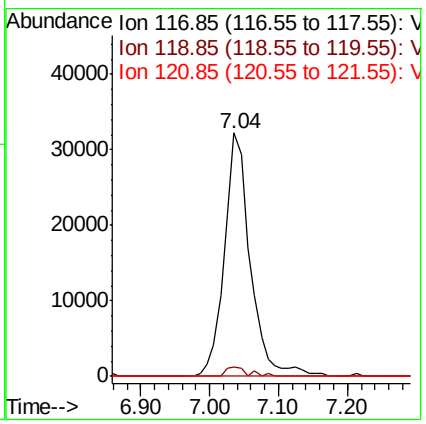


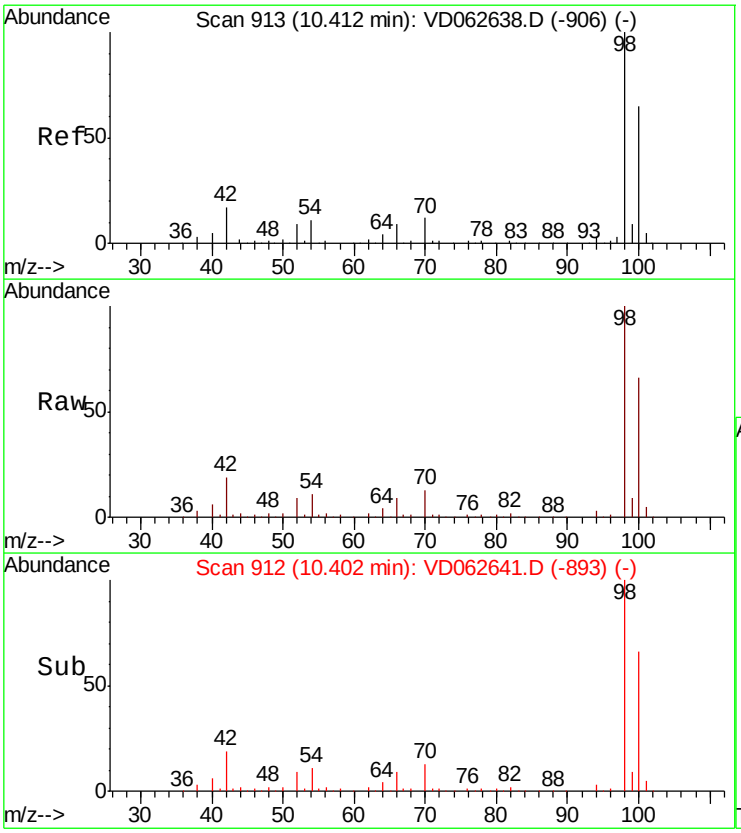
#38
Carbon Tetrachloride
Concen: 4.618 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 83887

Ion	Ratio	Lower	Upper
117	100		
119	4.0	73.5	110.3#
121	0.0	24.2	36.4#

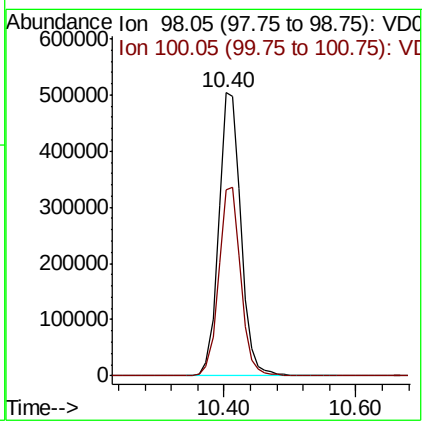


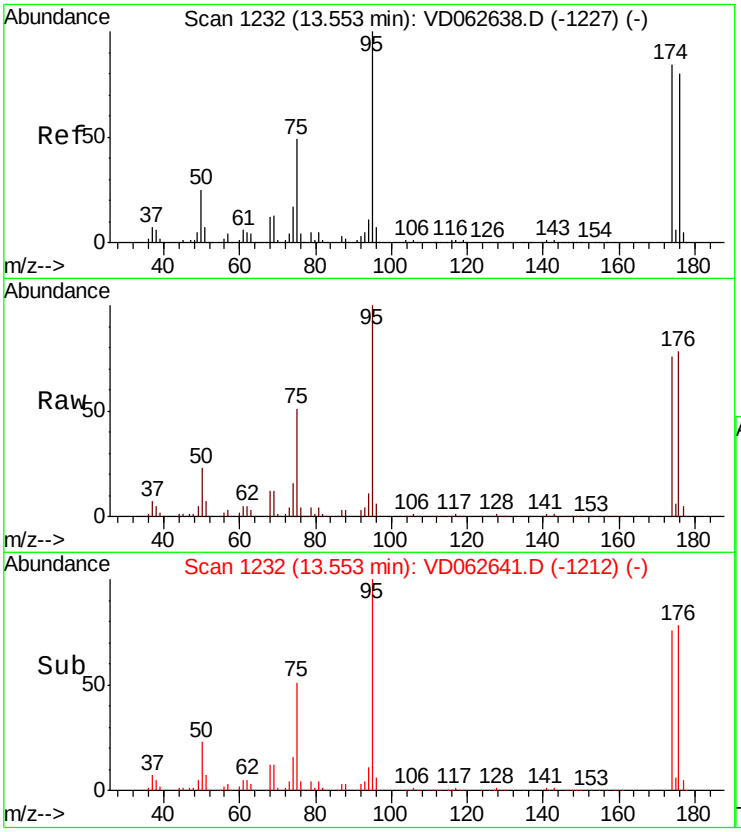


#50
Toluene-d8
Concen: 53.116 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion: 98 Resp: 1183274

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.1	78.1



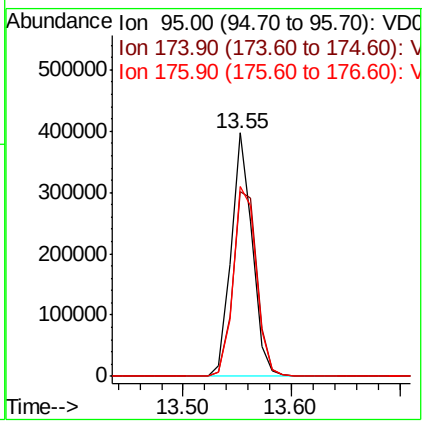


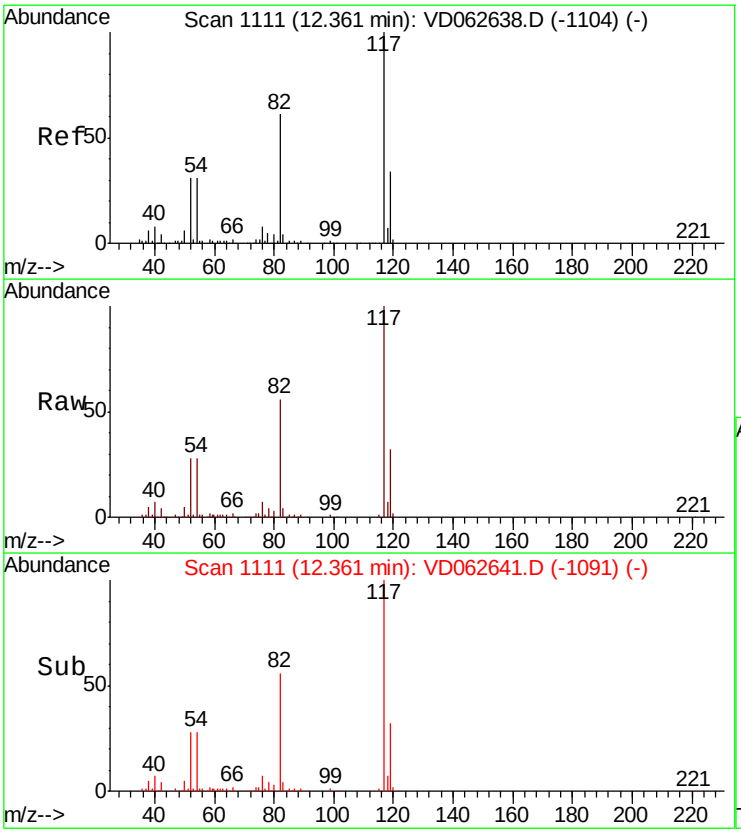
#62
4-Bromofluorobenzene
Concen: 52.018 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 540631

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	167.0
176	78.1	0.0	159.2

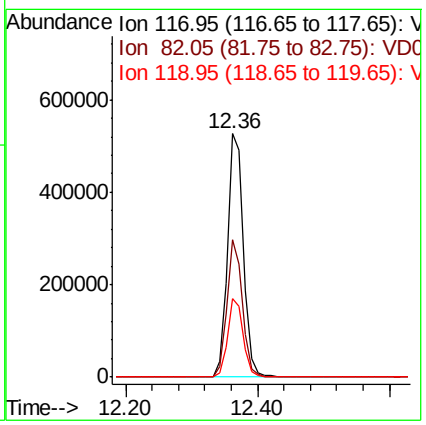


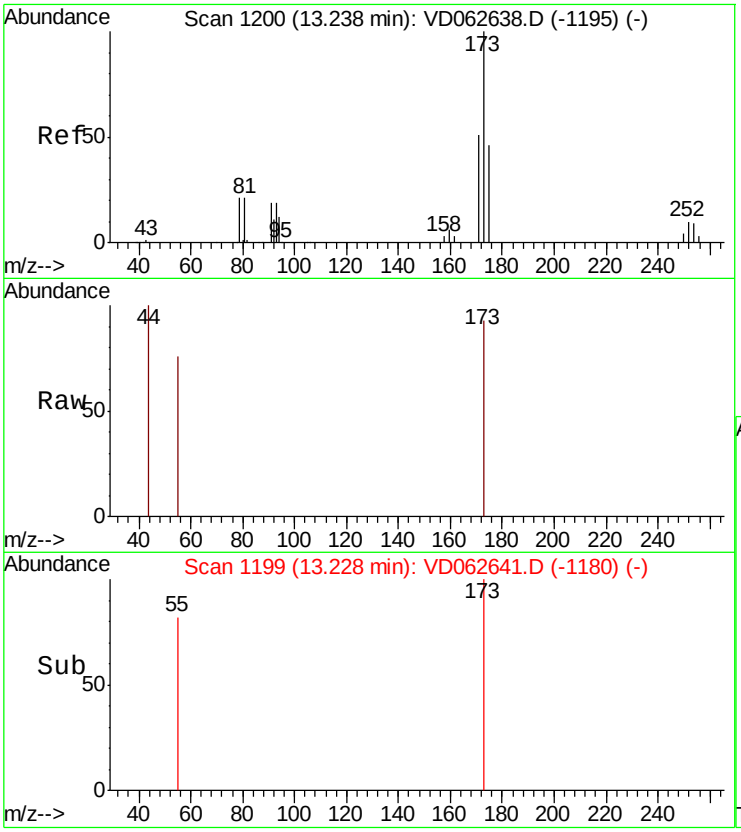


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion:117 Resp: 890553

Ion	Ratio	Lower	Upper
117	100		
82	56.3	48.7	73.1
119	32.0	27.0	40.6



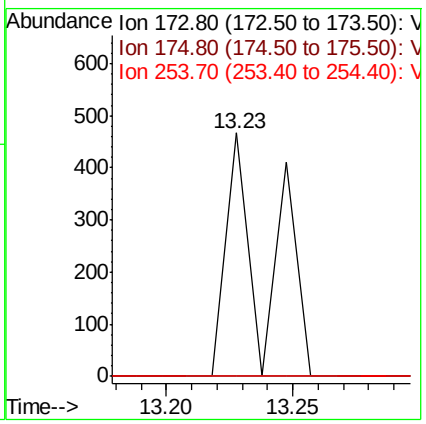


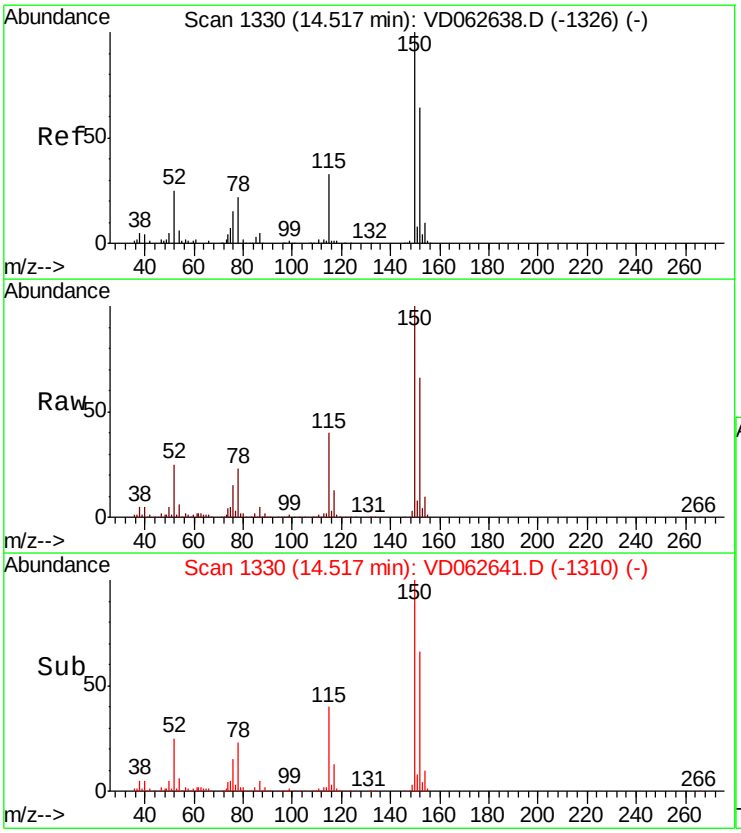
#71
Bromoform
Concen: 2.899 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument : MSVOA_D
ClientSampleId : VIBLK

Tgt Ion:173 Resp: 518

Ion	Ratio	Lower	Upper
173	100		
175	0.0	22.9	68.7#
254	0.0	7.0	10.4#

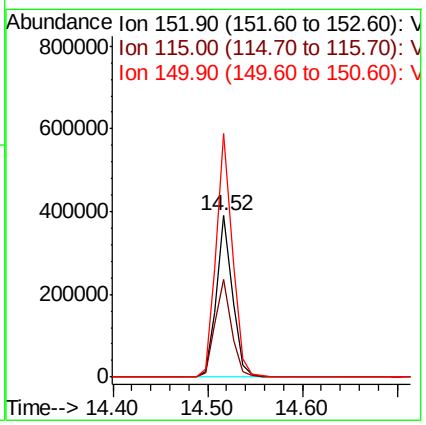


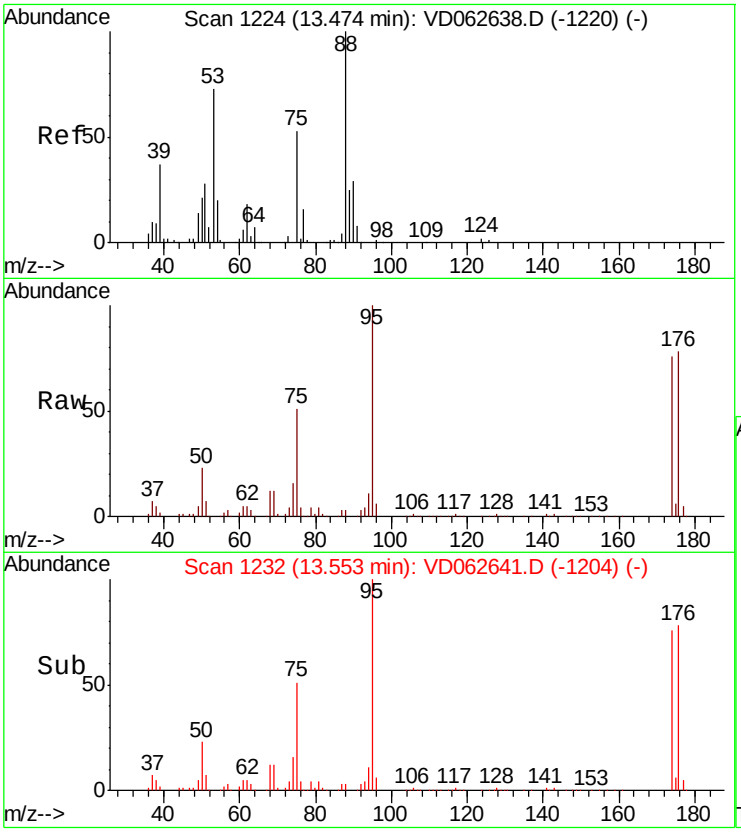


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion:152 Resp: 458187

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.5
150	151.0	0.0	314.0



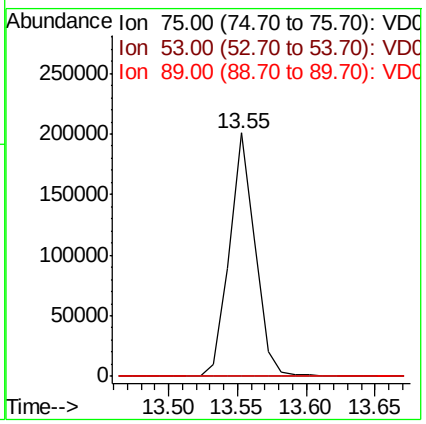


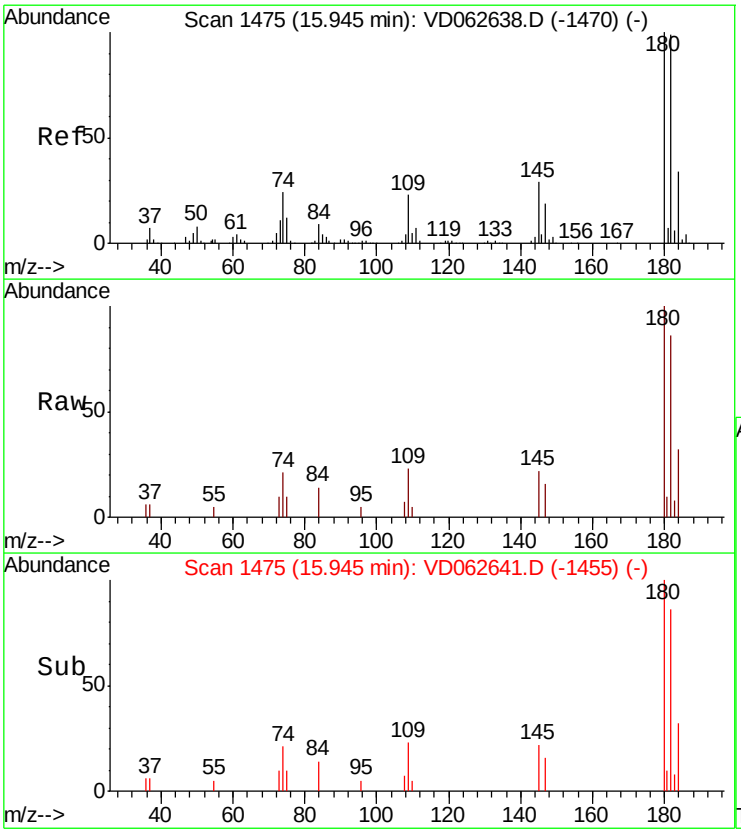
#81
trans-1,4-Dichloro-2-butene
Concen: 133.728 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 259409

Ion	Ratio	Lower	Upper
75	100		
53	0.0	109.4	164.2#
89	0.0	37.0	55.6#

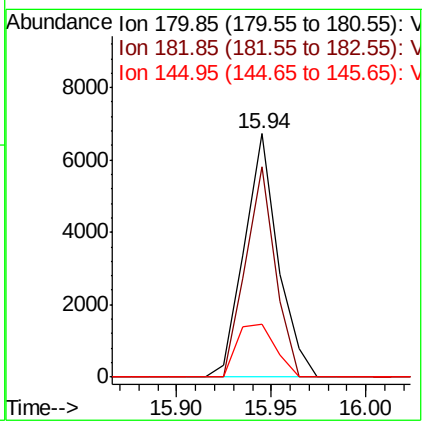


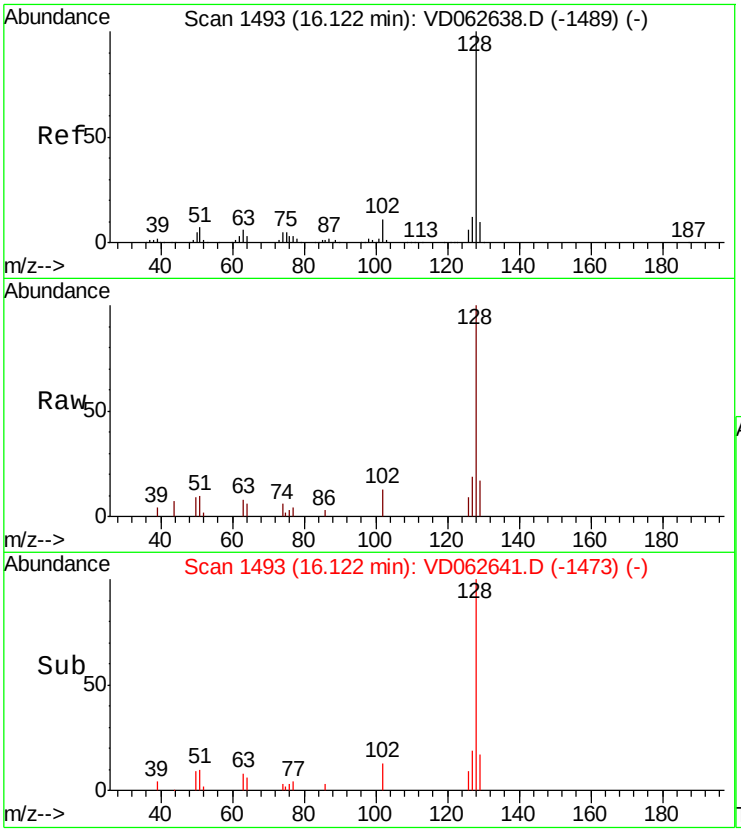


#93
1,2,4-Trichlorobenzene
Concen: 4.221 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion:180 Resp: 8296

Ion	Ratio	Lower	Upper
180	100		
182	86.3	49.4	148.2
145	21.7	14.5	43.6



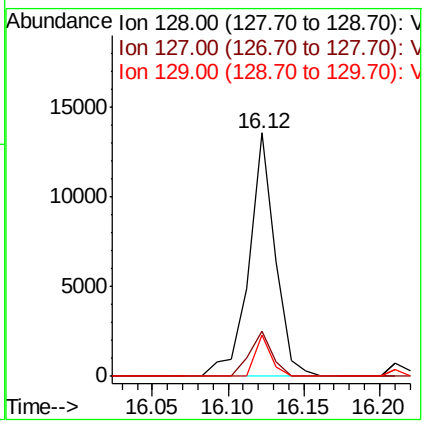


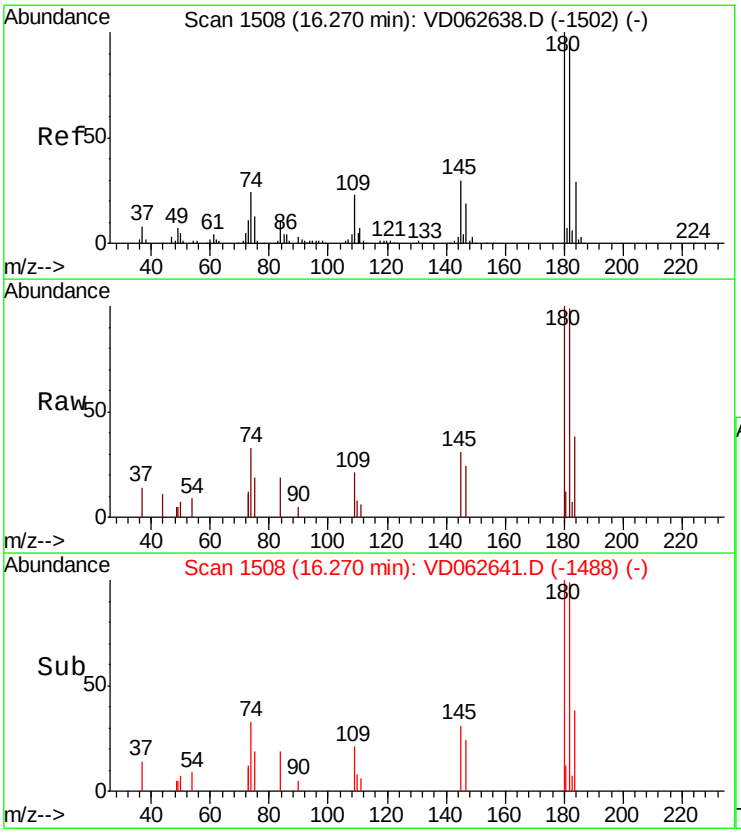
#95
Naphthalene
Concen: 4.366 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 16365

Ion	Ratio	Lower	Upper
128	100		
127	18.5	9.7	14.5#
129	16.8	8.1	12.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.018 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VD062641.D
Acq: 7 Jun 2019 13:42

Tgt Ion:180 Resp: 8151

Ion	Ratio	Lower	Upper
180	100		
182	106.7	47.7	143.1
145	31.5	15.0	45.0