Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061319\
Data File : VD062698.D
Acq On : 13 Jun 2019 17:22
Operator : VA/AP
Sample : K3361-01
Misc : 5.63g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Quant Time: Jun 14 06:47:50 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	7.05	168	9515	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	12782	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	9545	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	3497	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	5974	43.51	ug/l	0.02
Spiked Amount 50.000			Recovery = 87.02%			
35) Dibromofluoromethane	6.93	113	4369	32.41	ug/l	0.01
Spiked Amount 50.000			Recovery = 64.82%			
50) Toluene-d8	10.41	98	7139	25.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.34%			
62) 4-Bromofluorobenzene	13.56	95	1953	14.76	ug/l	0.01
Spiked Amount 50.000			Recovery = 29.52%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	332	3.526	ug/l #	42
5) Bromomethane	2.15	94	224	4.571	ug/l #	11
6) Chloroethane	2.31	64	198	4.131	ug/l #	1
10) Methyl Iodide	3.35	142	553	6.999	ug/l #	24
13) Acrolein	3.02	56	187	103.006	ug/l #	12
14) Allyl chloride	3.50	41	260	2.011	ug/l #	1
16) Acetone	3.22	43	981	39.018	ug/l #	66
19) Methyl tert-butyl Ether	4.22	73	209	1.019	ug/l #	61
23) Vinyl Acetate	5.01	43	208	1.249	ug/l #	81
25) 2-Butanone	6.05	43	190	7.746	ug/l #	61
37) Ethyl Acetate	6.05	43	190	4.174	ug/l #	74
38) Carbon Tetrachloride	7.05	117	869	3.758	ug/l #	14
43) Isopropyl Acetate	9.05	43	193	2.500	ug/l #	52
48) Methyl methacrylate	8.97	41	193	3.461	ug/l #	19
55) 1,1,2-Trichloroethane	11.26	97	217	3.295	ug/l #	17
57) 1,3-Dichloropropane	11.51	76	200	1.959	ug/l #	44
59) 2-Hexanone	11.51	43	211	5.252	ug/l #	32
68) m/p-Xylenes	12.68	106	450	3.419	ug/l #	52
81) trans-1,4-Dichloro-2-buten	13.56	75	1409	96.292	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	734	3.403	ug/l #	35
85) sec-Butylbenzene	14.24	105	734	2.913	ug/l #	60
86) p-Isopropyltoluene	14.50	119	260	1.060	ug/l #	50
95) Naphthalene	16.12	128	258	5.342	ug/l #	71

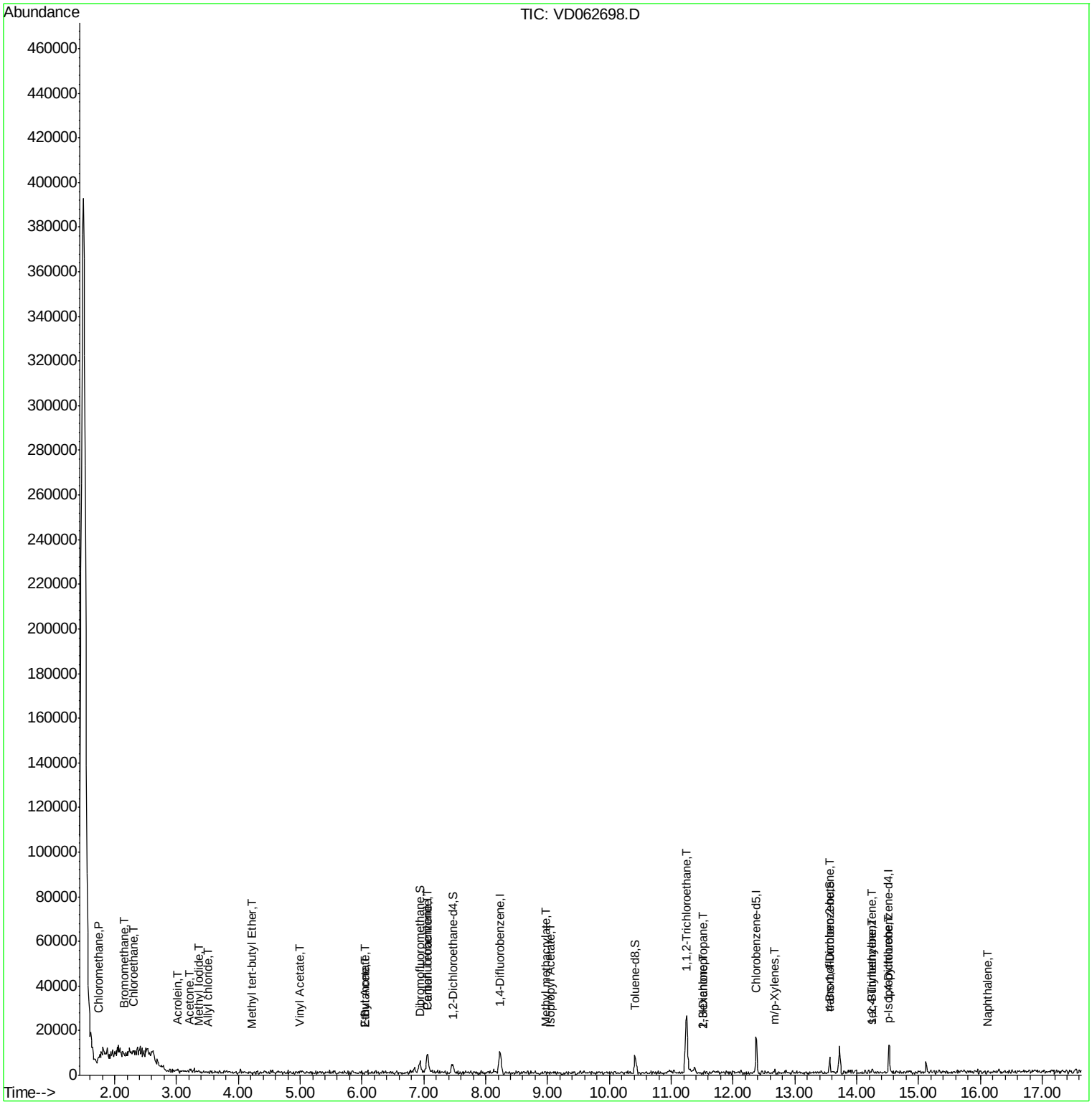
(#) = qualifier out of range (m) = manual integration (+) = signals summed

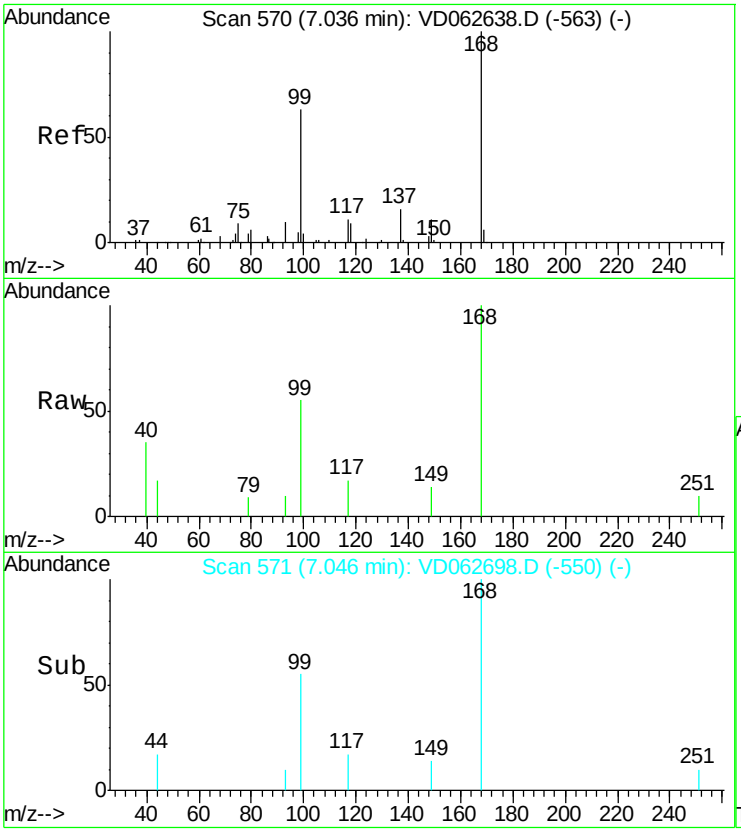
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
Data File : VD062698.D
Acq On : 13 Jun 2019 17:22
Operator : VA/AP
Sample : K3361-01
Misc : 5.63g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Quant Time: Jun 14 06:47:50 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



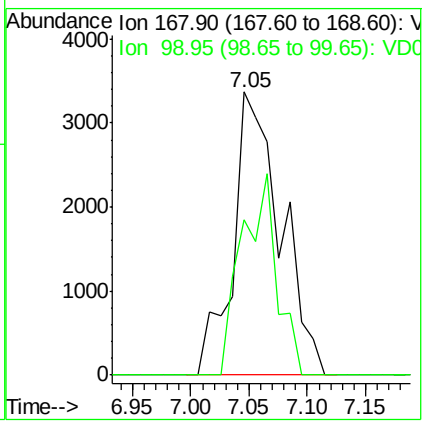


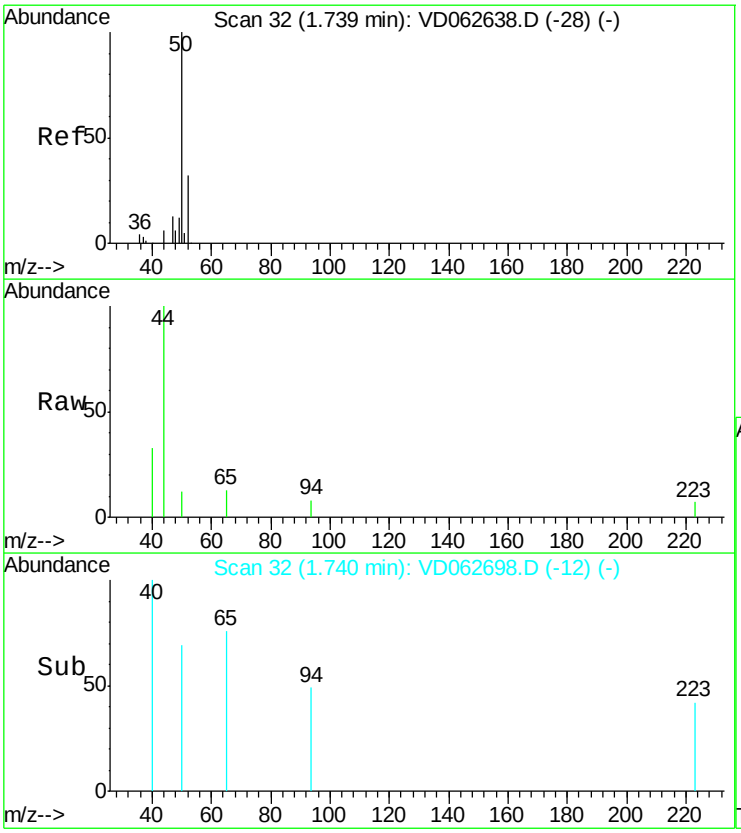
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion:168 Resp: 9515

Ion	Ratio	Lower	Upper
168	100		
99	54.8	51.4	77.2

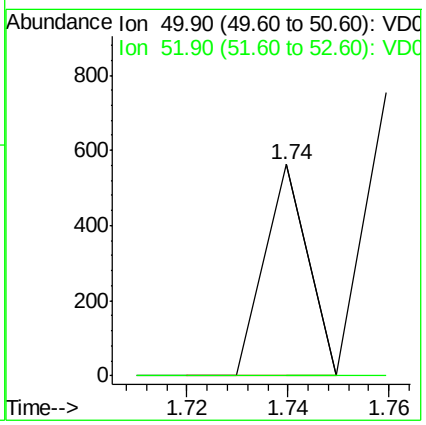


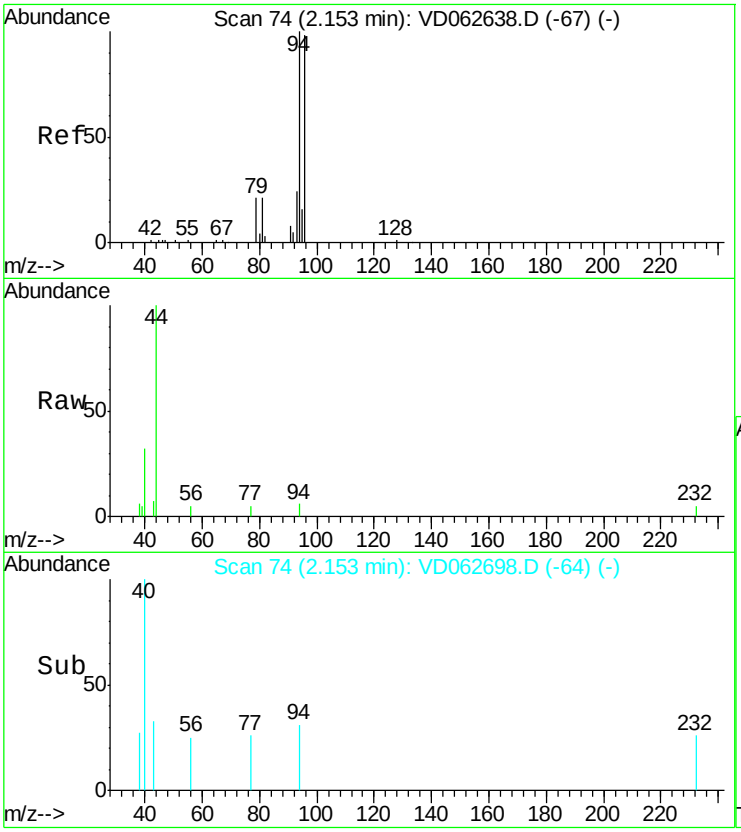


#3
Chloromethane
Concen: 3.526 ug/l
RT: 1.74 min Scan# 32
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 50 Resp: 332

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.8#



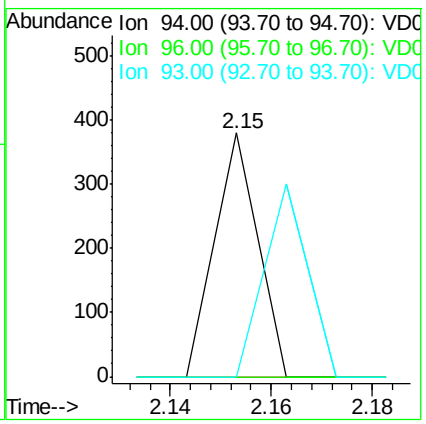


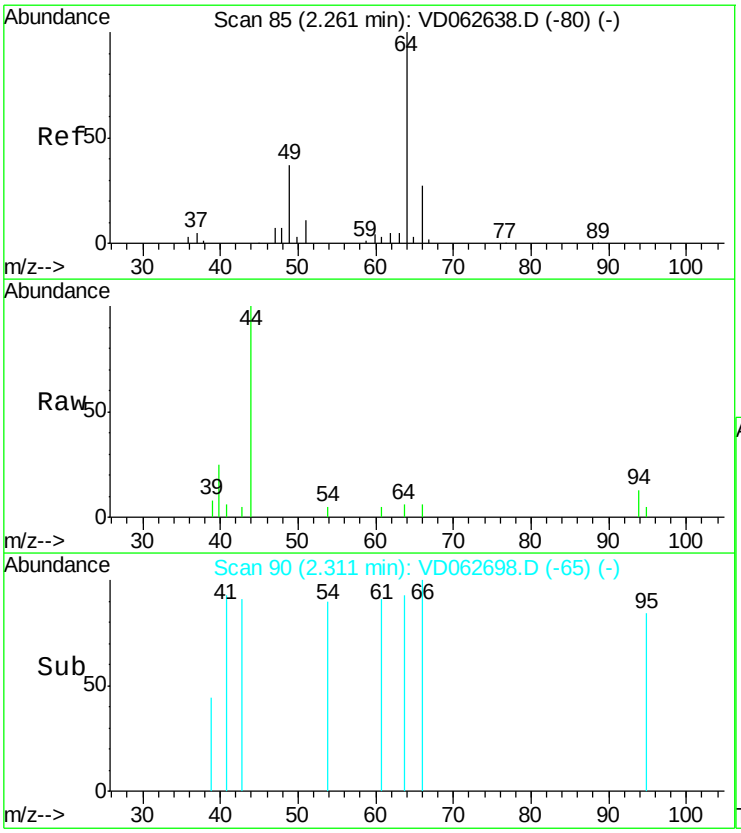
#5
Bromomethane
Concen: 4.571 ug/l
RT: 2.15 min Scan# 74
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion: 94 Resp: 224

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.1	117.1#
93	0.0	19.6	29.4#

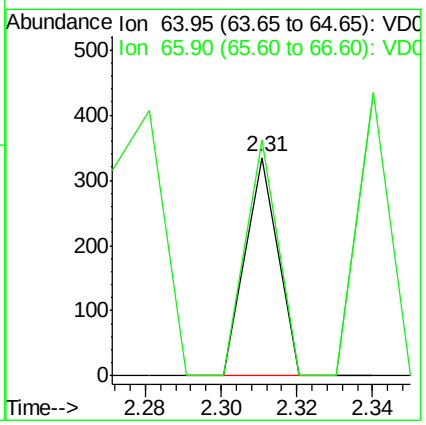


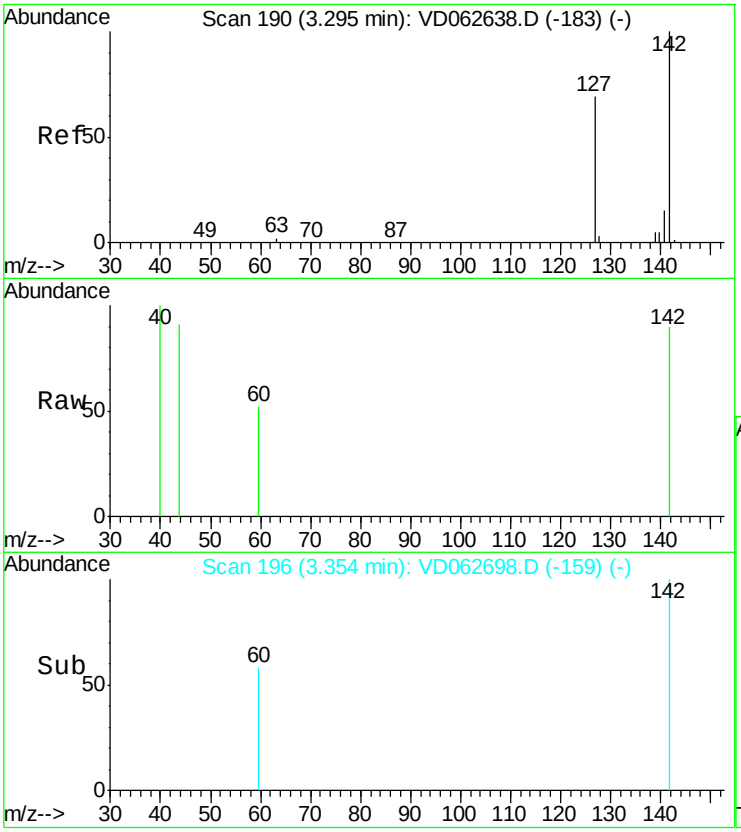


#6
Chloroethane
Concen: 4.131 ug/l
RT: 2.31 min Scan# 90
Delta R.T. 0.05 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 64 Resp: 198

Ion	Ratio	Lower	Upper
64	100		
66	108.1	21.9	32.9#



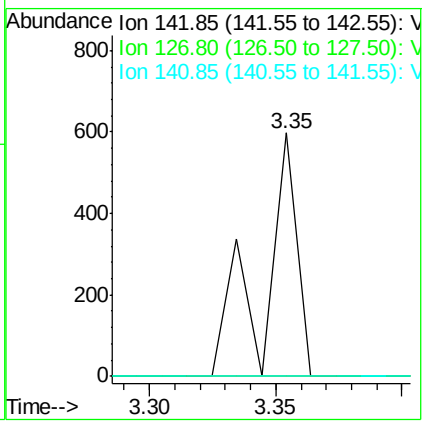


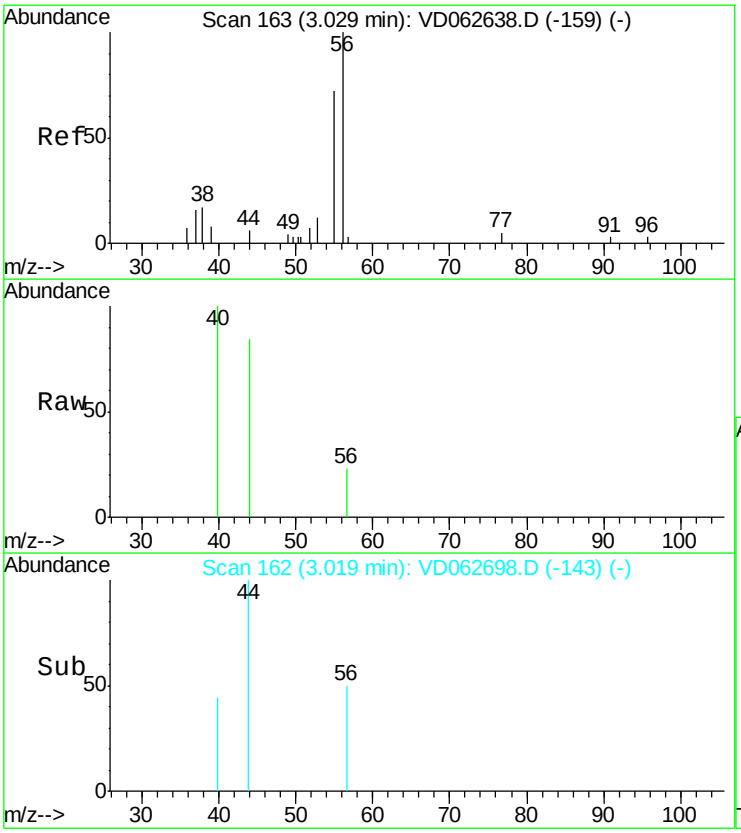
#10
Methyl Iodide
Concen: 6.999 ug/l
RT: 3.35 min Scan# 196
Delta R.T. 0.06 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion:142 Resp: 553

Ion	Ratio	Lower	Upper
142	100		
127	0.0	55.2	82.8#
141	0.0	12.1	18.1#

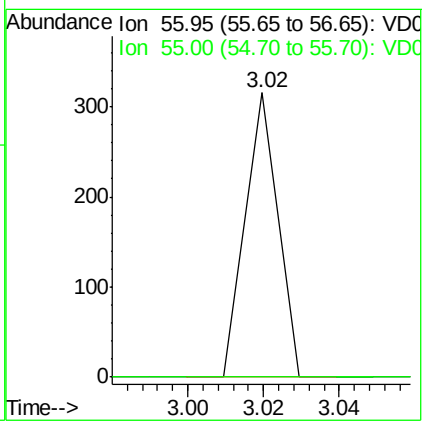


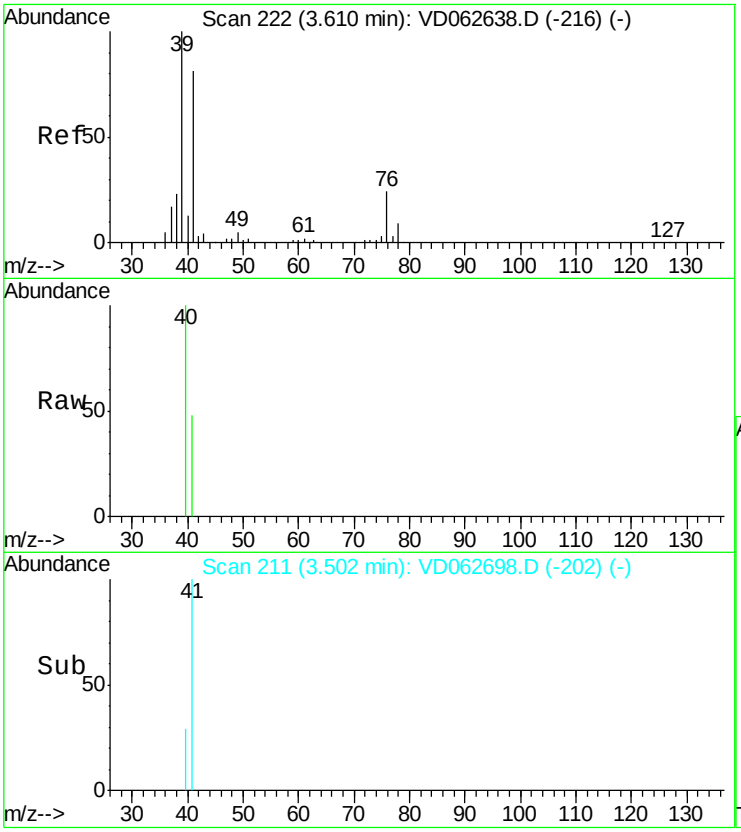


#13
Acrolein
Concen: 103.006 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 56 Resp: 187

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.4	89.0#



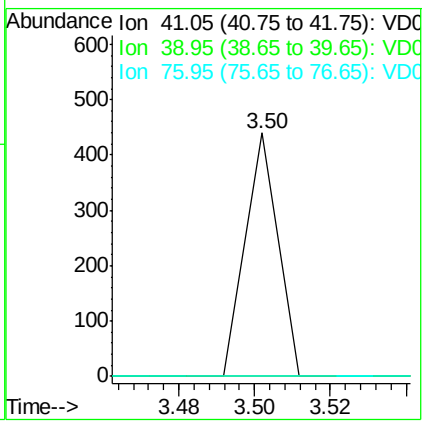


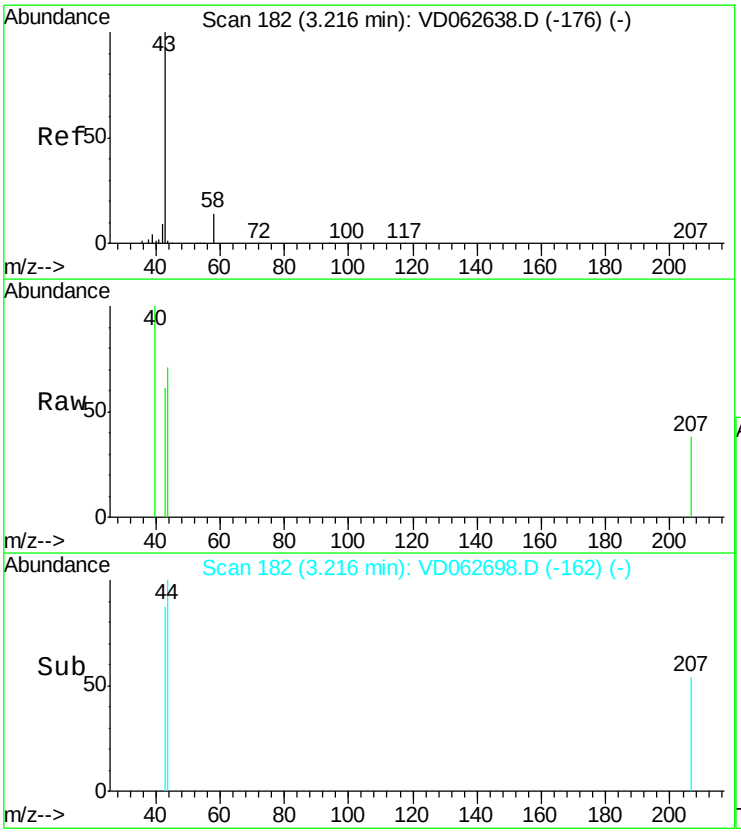
#14
Allyl chloride
Concen: 2.011 ug/l
RT: 3.50 min Scan# 211
Delta R.T. -0.11 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion: 41 Resp: 260

Ion	Ratio	Lower	Upper
41	100		
39	0.0	99.1	148.7#
76	0.0	25.0	37.6#

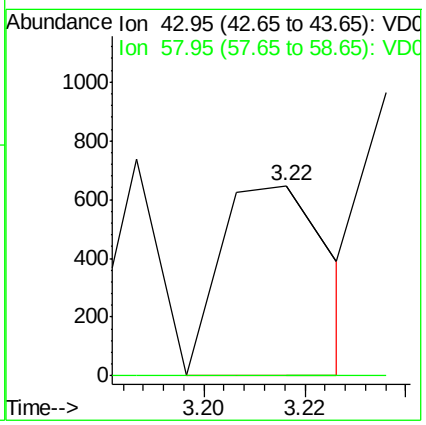


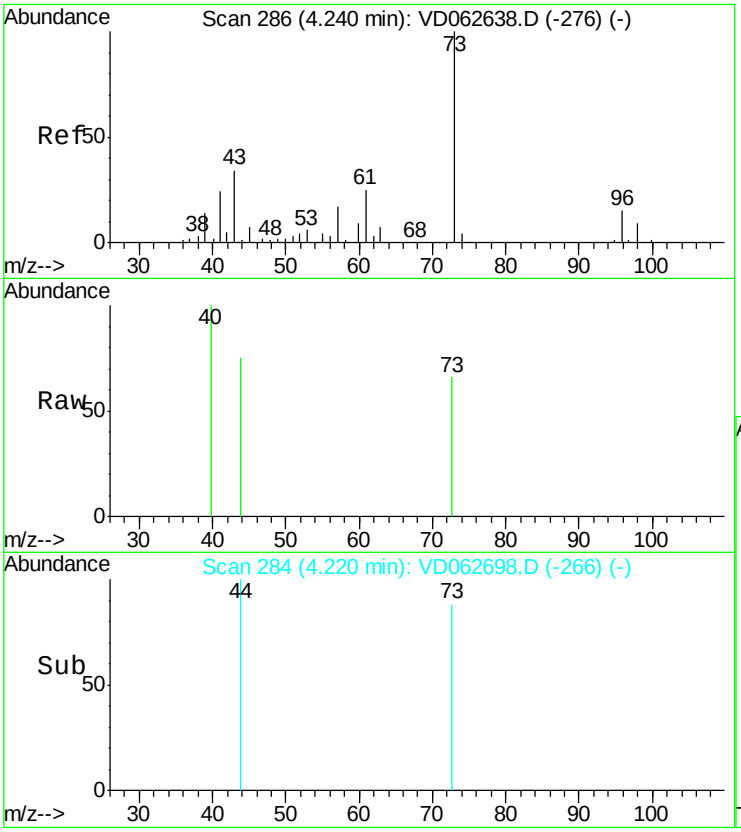


#16
Acetone
Concen: 39.018 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 43 Resp: 981

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.8	16.2#



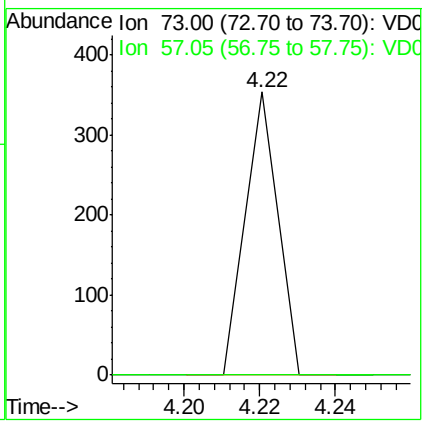


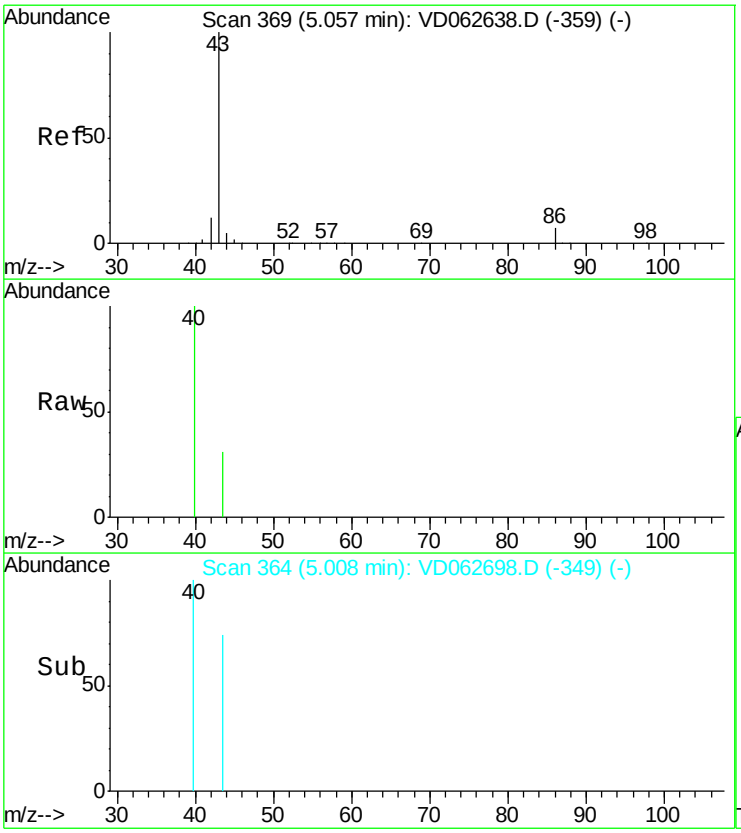
#19
Methyl tert-butyl Ether
Concen: 1.019 ug/l
RT: 4.22 min Scan# 284
Delta R.T. -0.02 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion: 73 Resp: 209

Ion	Ratio	Lower	Upper
73	100		
57	0.0	13.5	20.3#

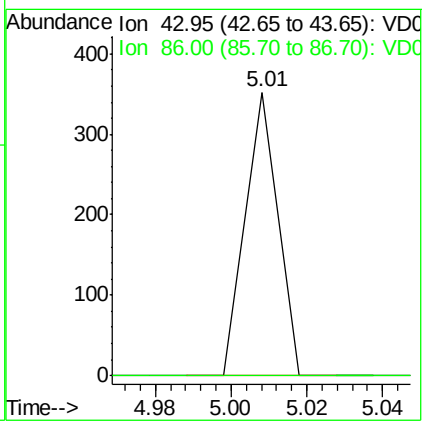


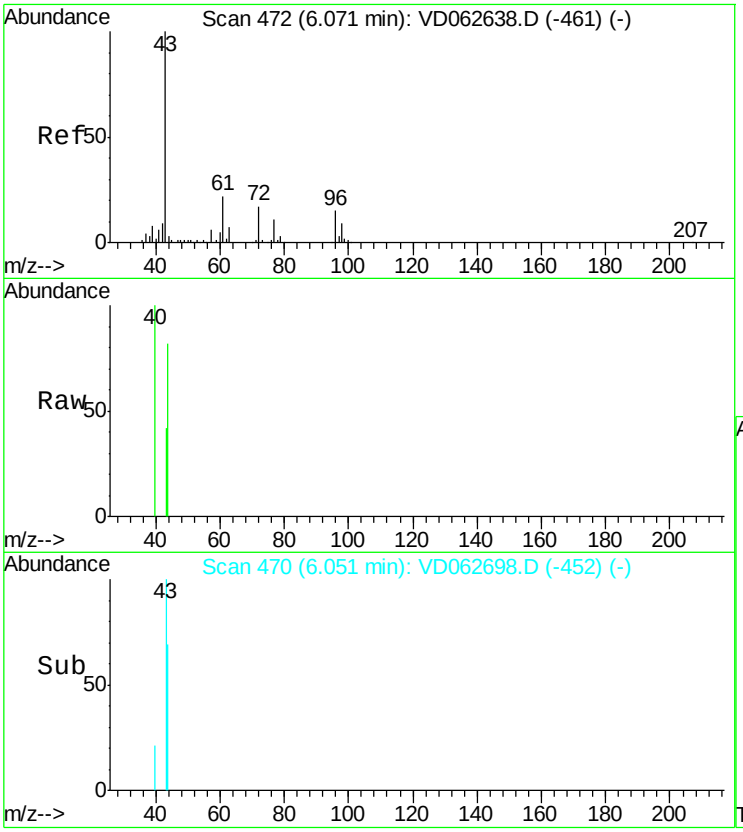


#23
Vinyl Acetate
Concen: 1.249 ug/l
RT: 5.01 min Scan# 364
Delta R.T. -0.05 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 43 Resp: 208

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.3	7.9#



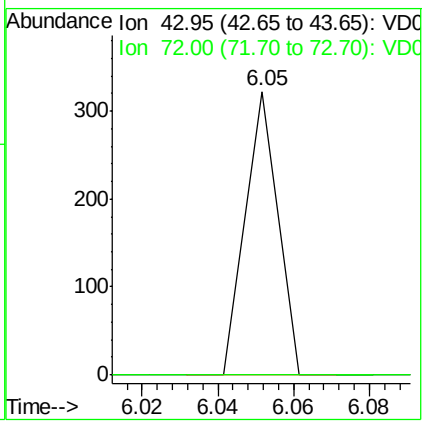


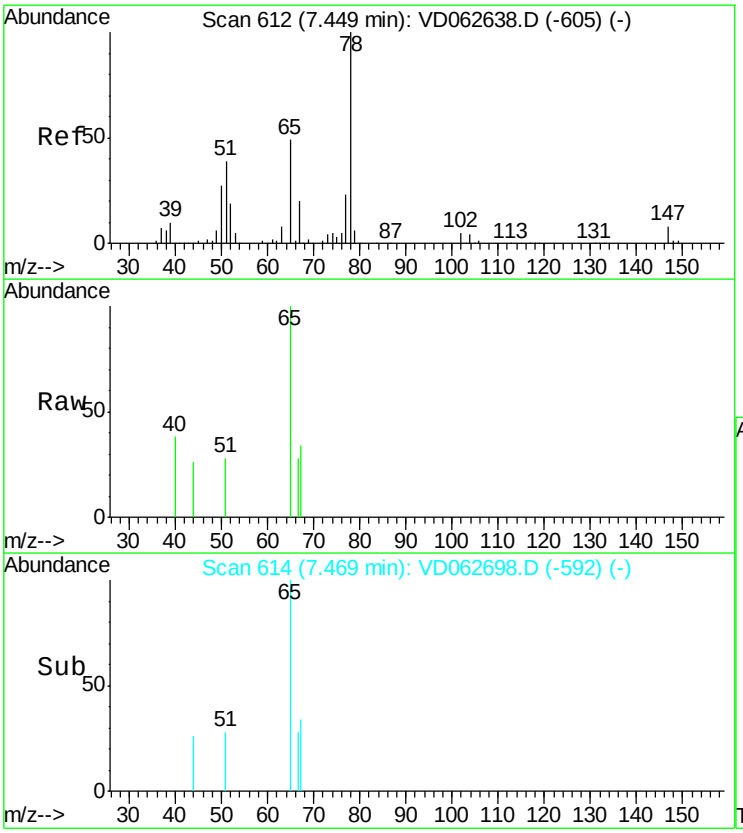
#25
2-Butanone
Concen: 7.746 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.02 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion: 43 Resp: 190

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.5	20.3#

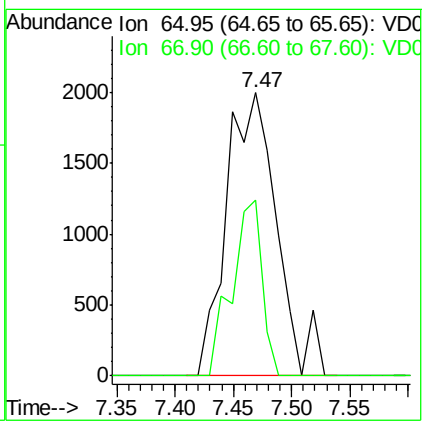


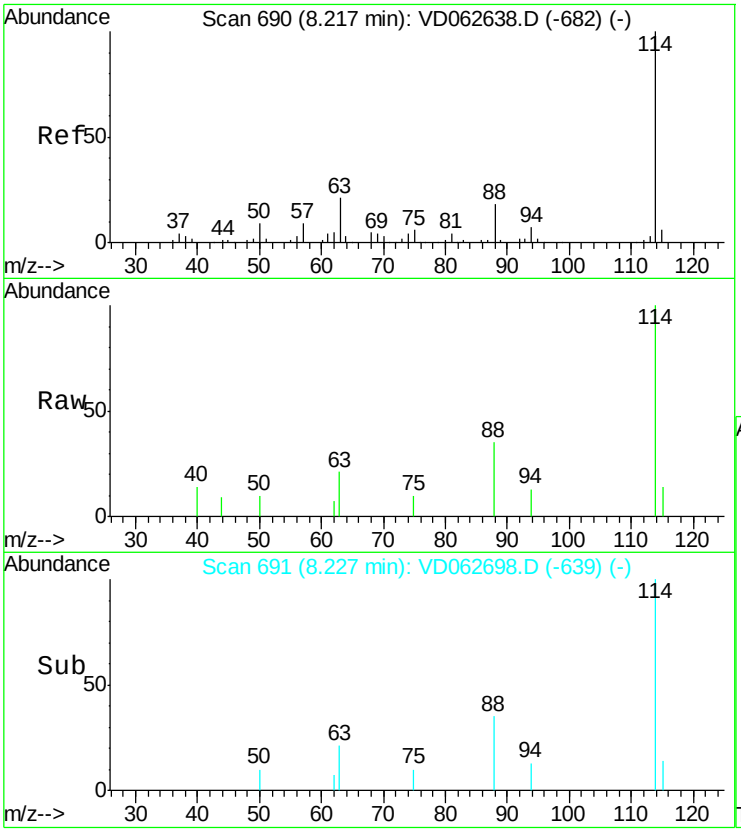


#33
1,2-Dichloroethane-d4
Concen: 43.510 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 65 Resp: 5974

Ion	Ratio	Lower	Upper
65	100		
67	62.2	0.0	81.8



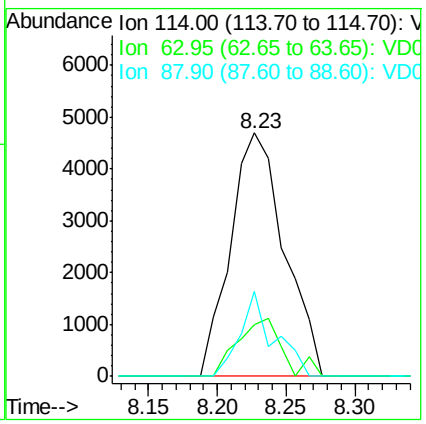


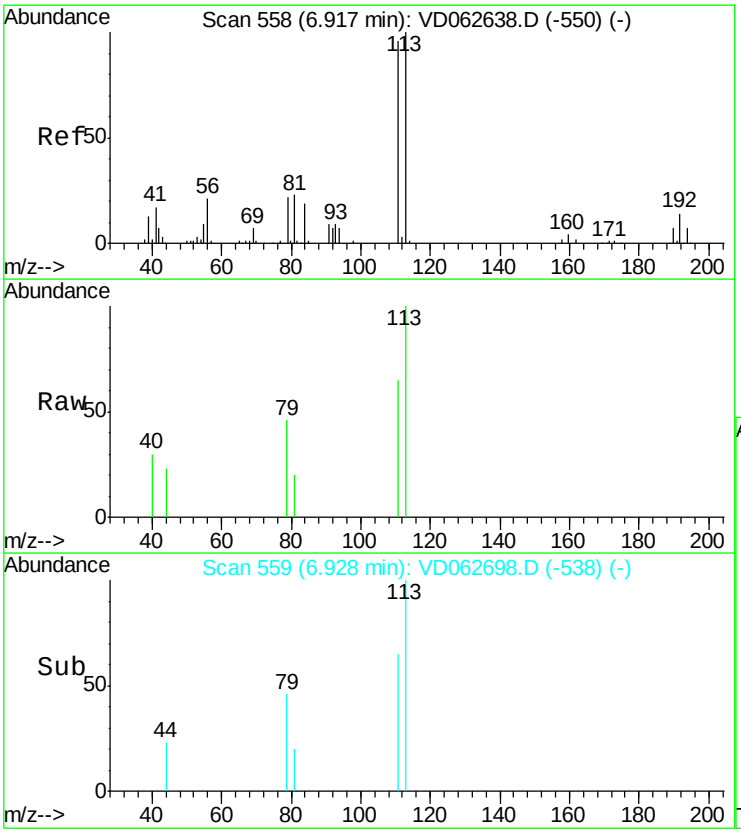
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion:114 Resp: 12782

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	35.0	0.0	36.8

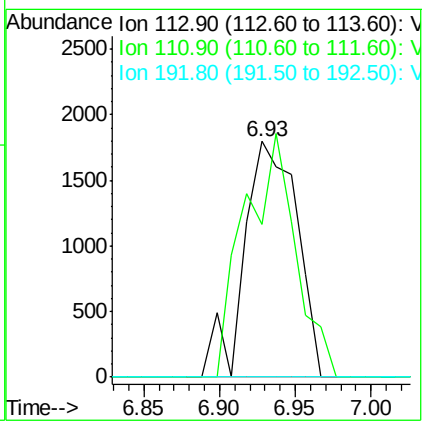


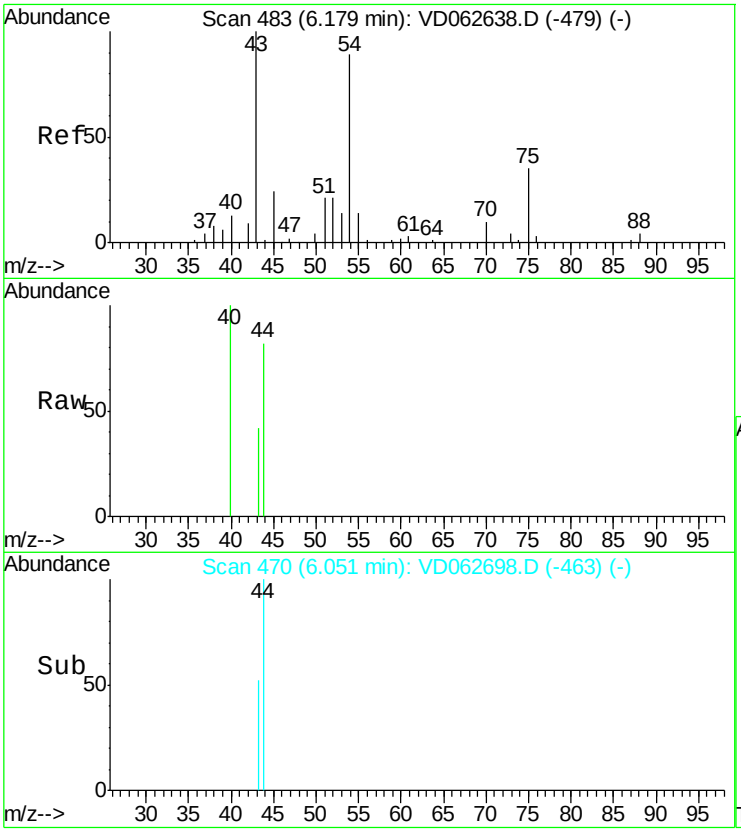


#35
Dibromofluoromethane
Concen: 32.410 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:113 Resp: 4369

Ion	Ratio	Lower	Upper
113	100		
111	64.9	76.4	114.6#
192	0.0	11.4	17.0#



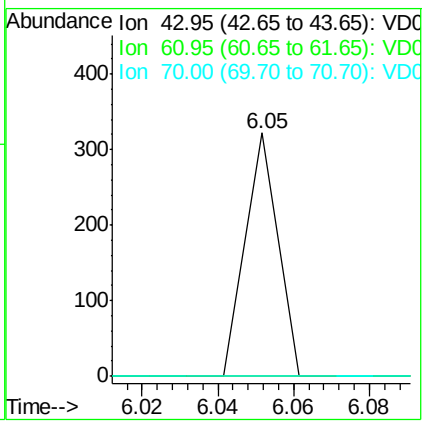


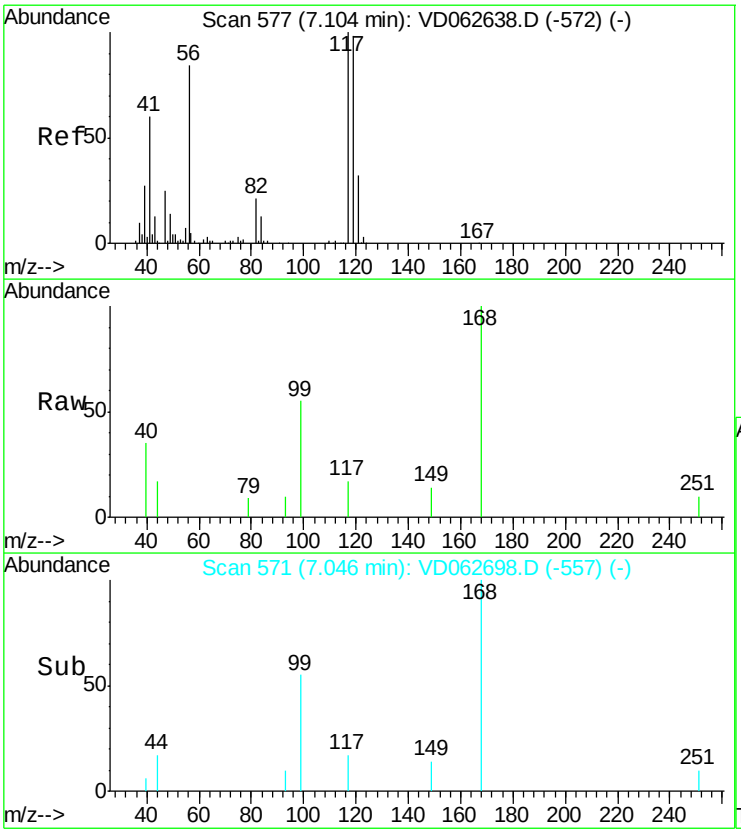
#37
Ethyl Acetate
Concen: 4.174 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.13 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion: 43 Resp: 190

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

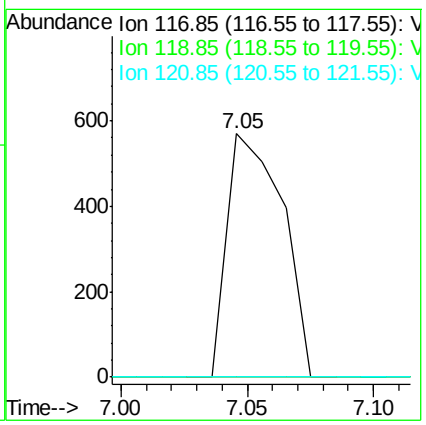


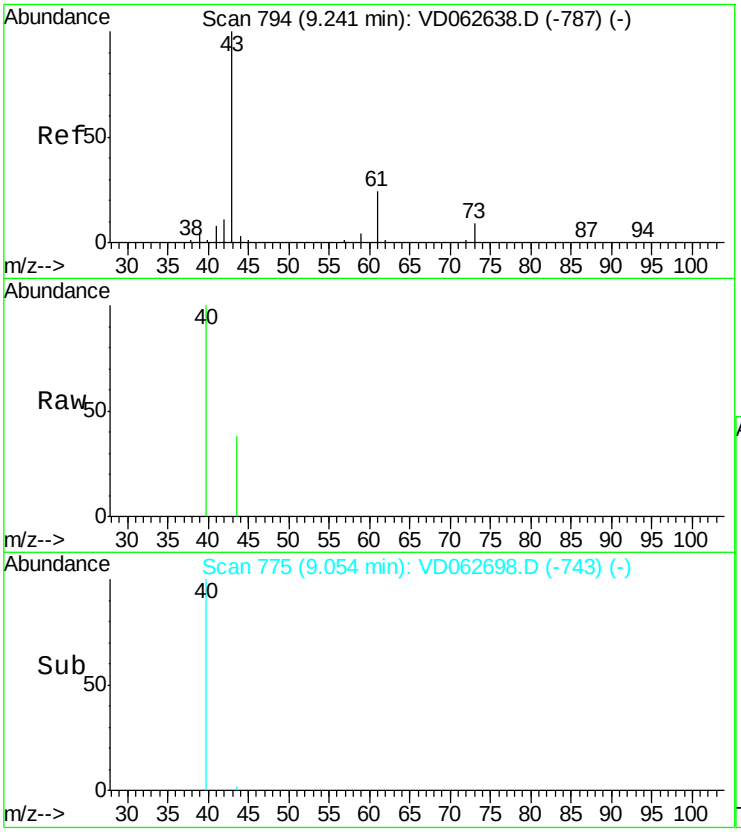


#38
Carbon Tetrachloride
Concen: 3.758 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:117 Resp: 869

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



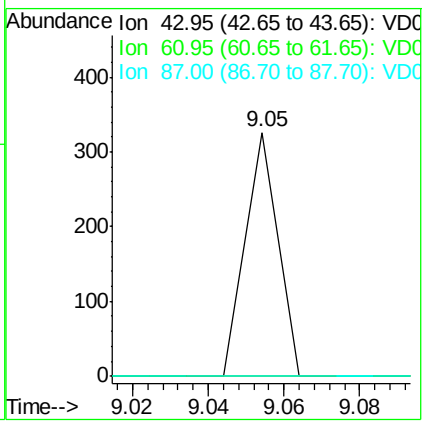


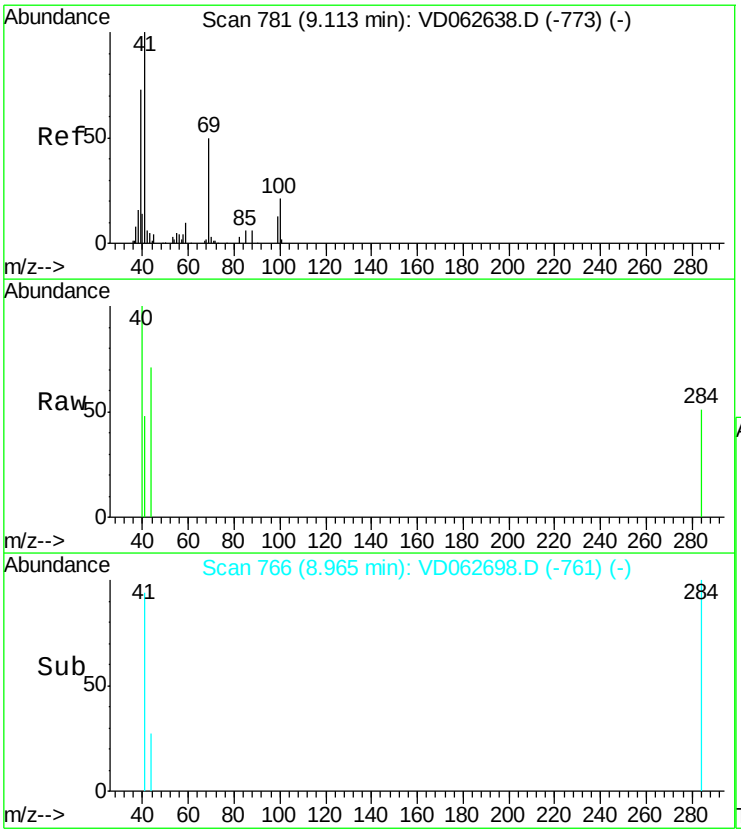
#43
Isopropyl Acetate
Concen: 2.500 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.19 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion: 43 Resp: 193

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.0	28.6#
87	0.0	0.3	0.5#

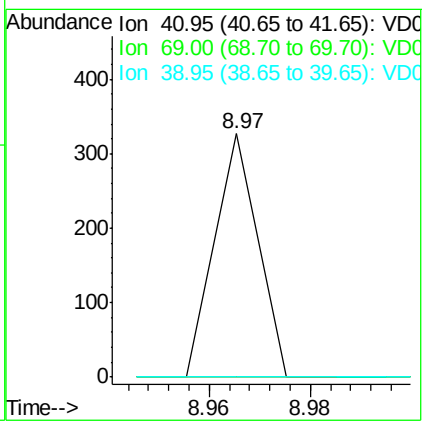


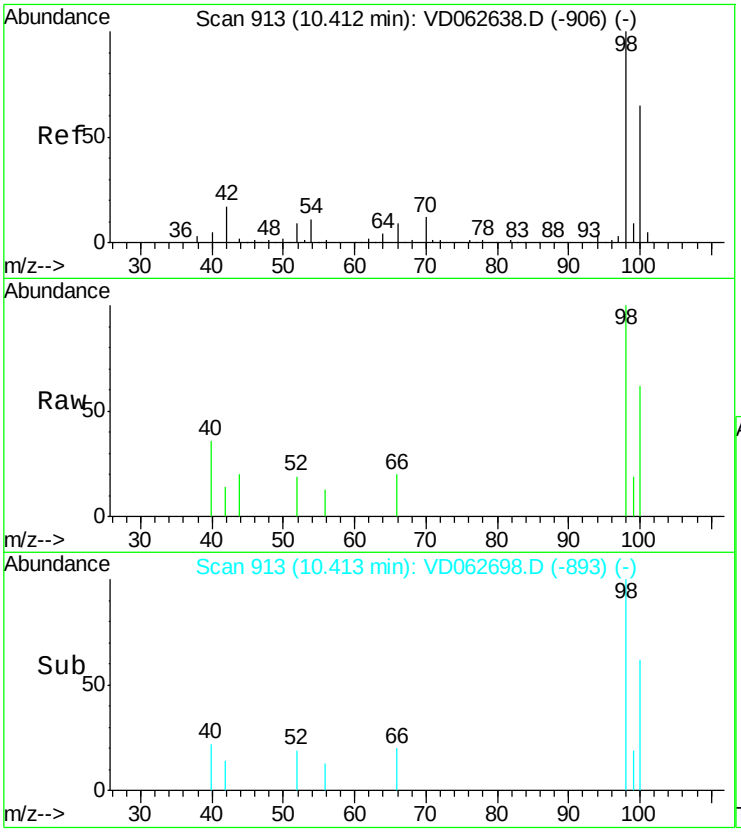


#48
Methyl methacrylate
Concen: 3.461 ug/l
RT: 8.97 min Scan# 766
Delta R.T. -0.15 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 41 Resp: 193

Ion	Ratio	Lower	Upper
41	100		
69	0.0	39.8	59.6#
39	0.0	59.1	88.7#



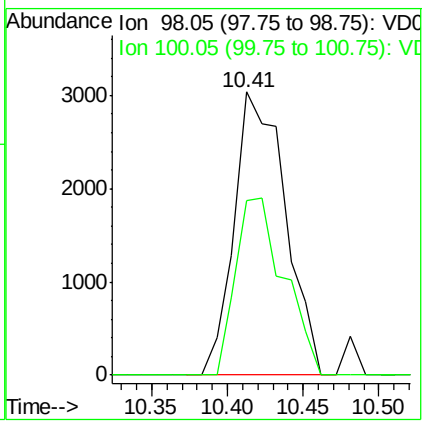


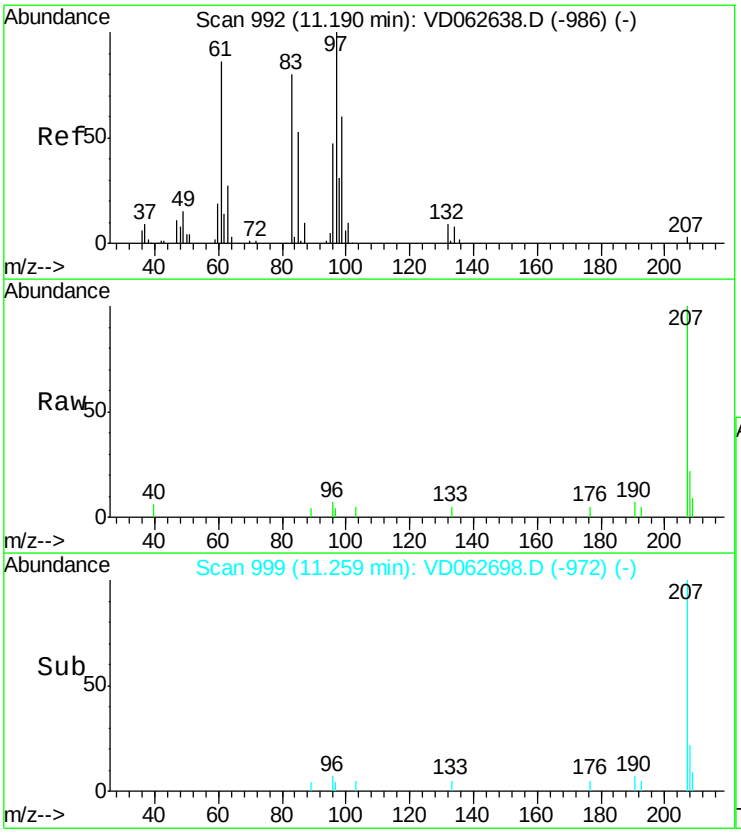
#50
Toluene-d8
Concen: 25.175 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion: 98 Resp: 7139

Ion	Ratio	Lower	Upper
98	100		
100	61.6	52.1	78.1

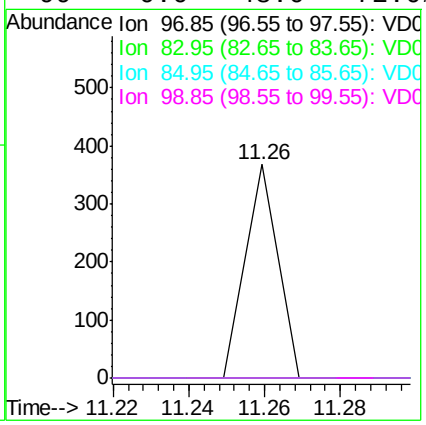


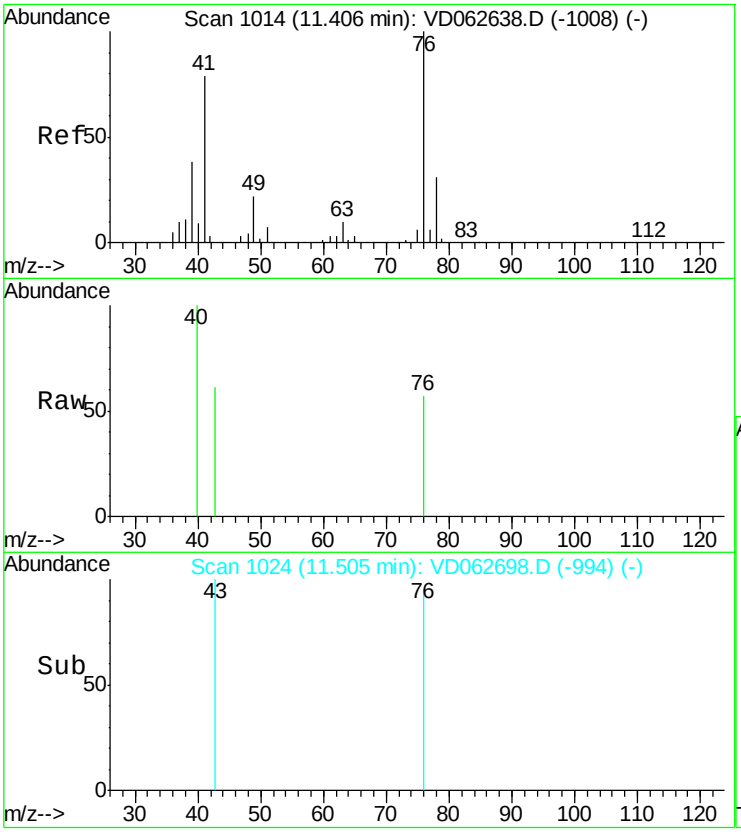


#55
1,1,2-Trichloroethane
Concen: 3.295 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.07 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 97 Resp: 217

Ion	Ratio	Lower	Upper
97	100		
83	0.0	63.8	95.8#
85	0.0	42.3	63.5#
99	0.0	48.0	72.0#



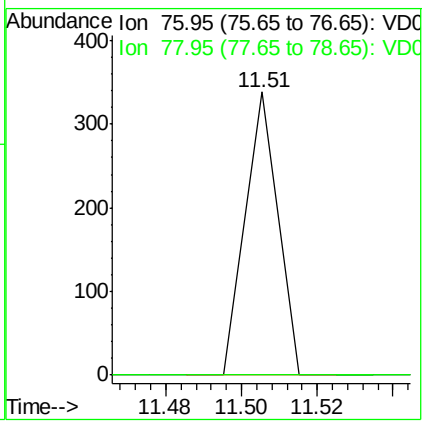


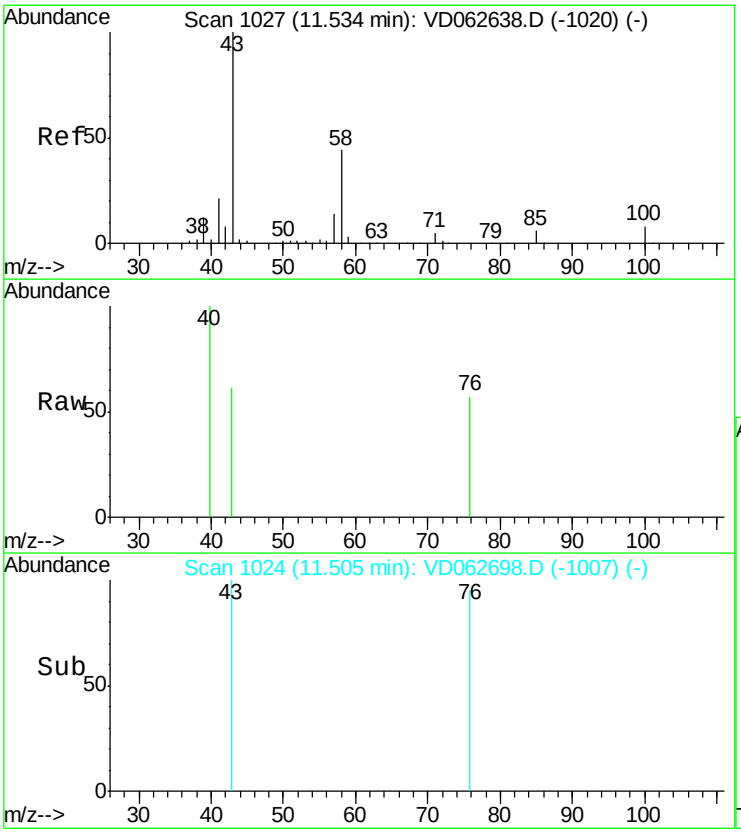
#57
1,3-Dichloropropane
Concen: 1.959 ug/l
RT: 11.51 min Scan# 1024
Delta R.T. 0.10 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion: 76 Resp: 200

Ion	Ratio	Lower	Upper
76	100		
78	0.0	24.9	37.3#

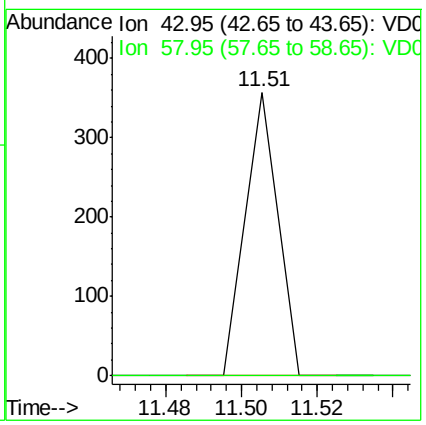


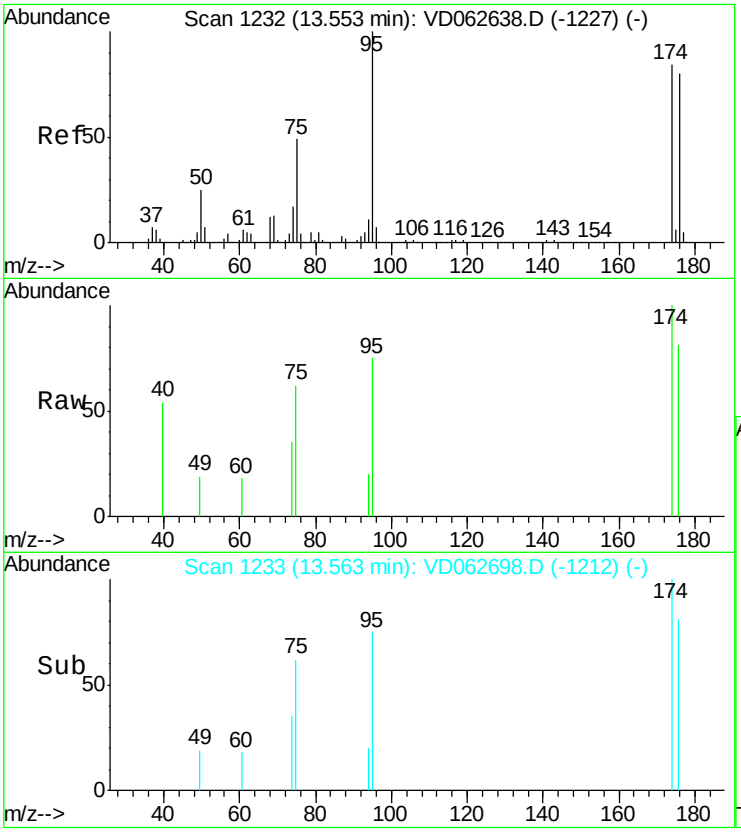


#59
2-Hexanone
Concen: 5.252 ug/l
RT: 11.51 min Scan# 1024
Delta R.T. -0.03 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion: 43 Resp: 211

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.8	65.4#



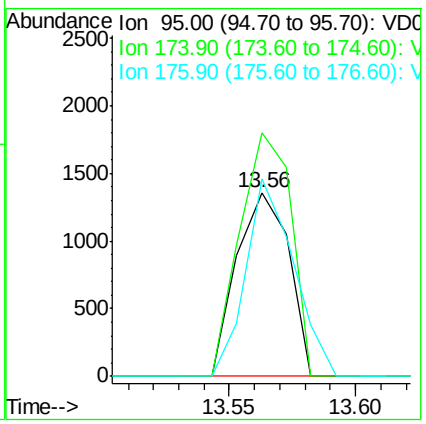


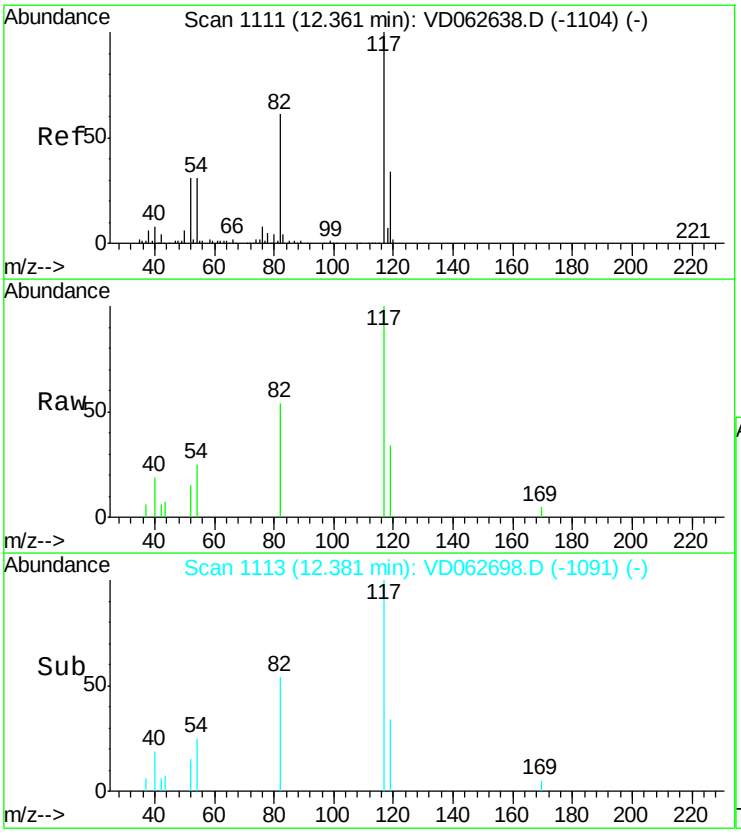
#62
4-Bromofluorobenzene
Concen: 14.762 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion: 95 Resp: 1953

Ion	Ratio	Lower	Upper
95	100		
174	132.6	0.0	167.0
176	108.0	0.0	159.2

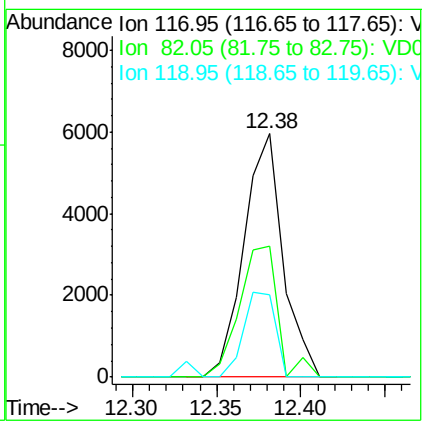


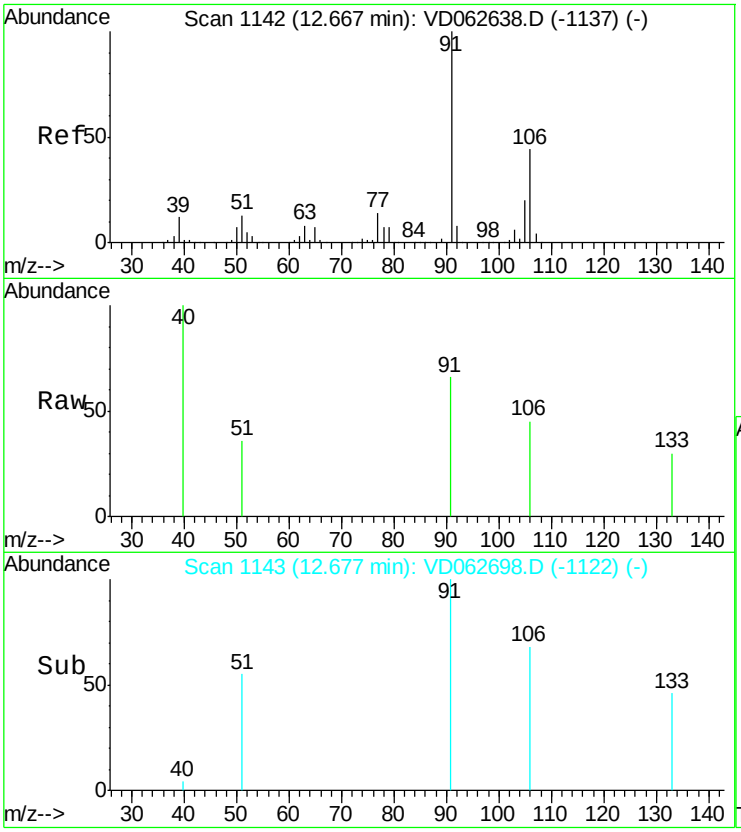


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:117 Resp: 9545

Ion	Ratio	Lower	Upper
117	100		
82	53.6	48.7	73.1
119	33.9	27.0	40.6



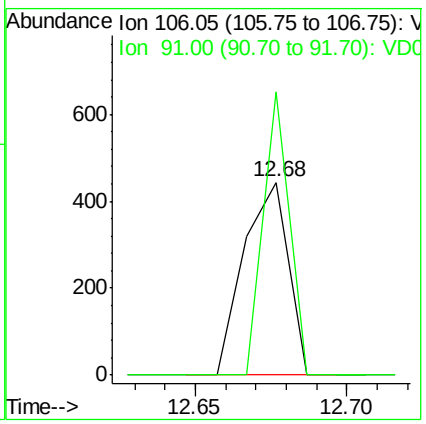


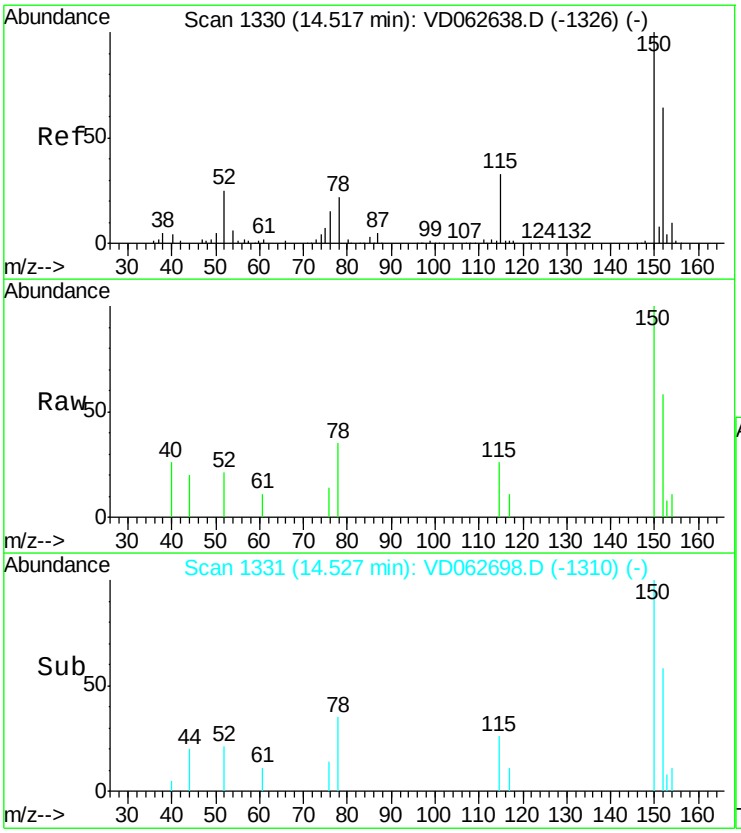
#68
m/p-Xylenes
Concen: 3.419 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion:106 Resp: 450

Ion	Ratio	Lower	Upper
106	100		
91	147.2	180.2	270.4#

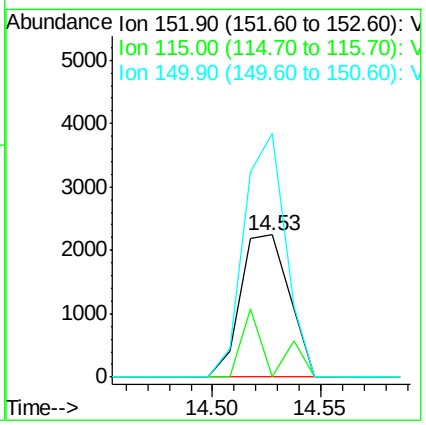


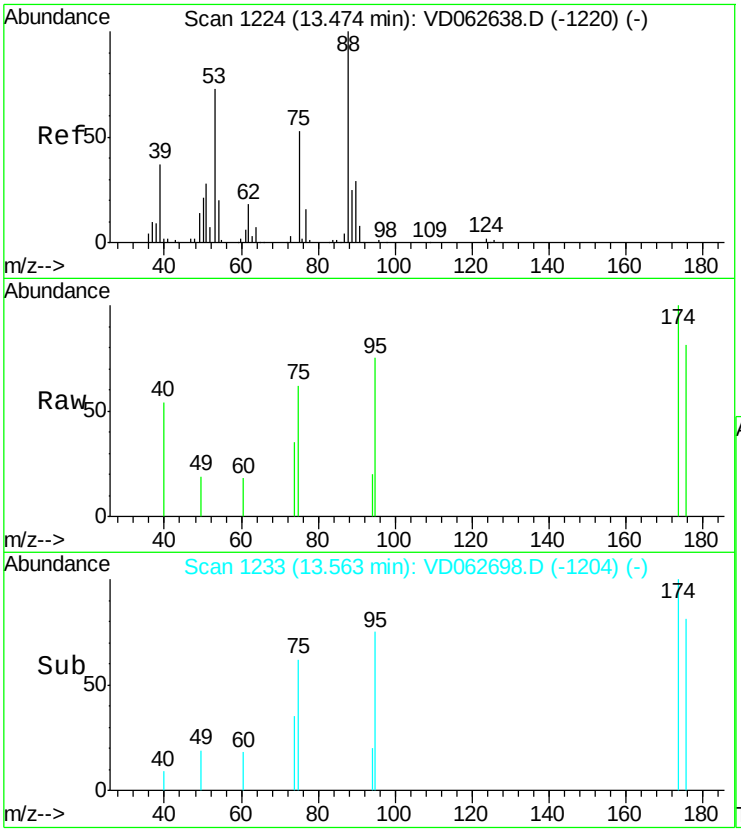


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:152 Resp: 3497

Ion	Ratio	Lower	Upper
152	100		
115	0.0	30.1	90.5#
150	171.1	0.0	314.0



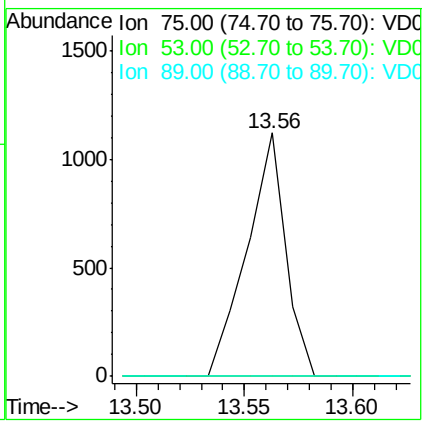


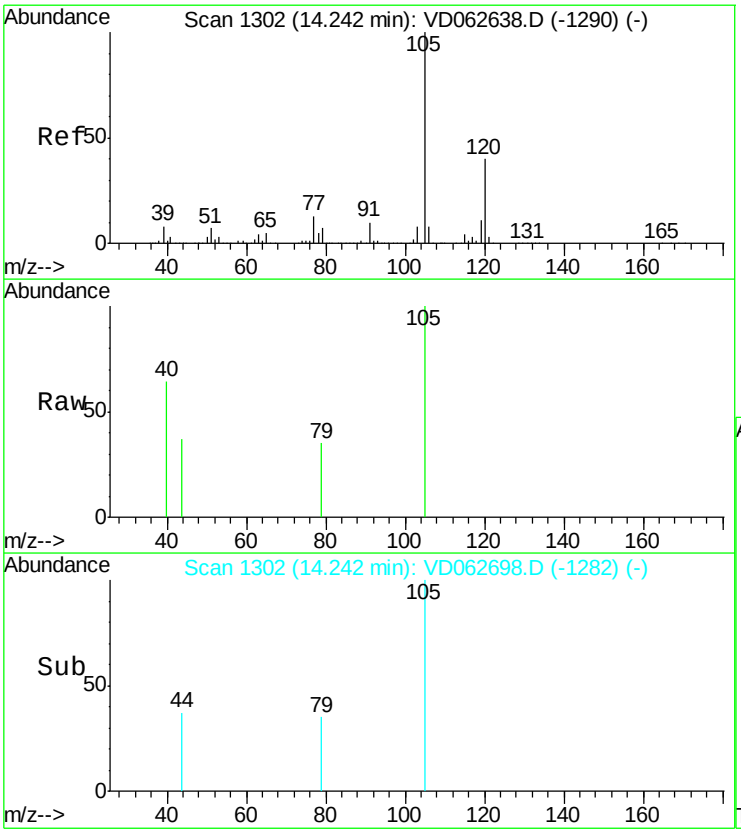
#81
trans-1,4-Dichloro-2-butene
Concen: 96.292 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion: 75 Resp: 1409

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

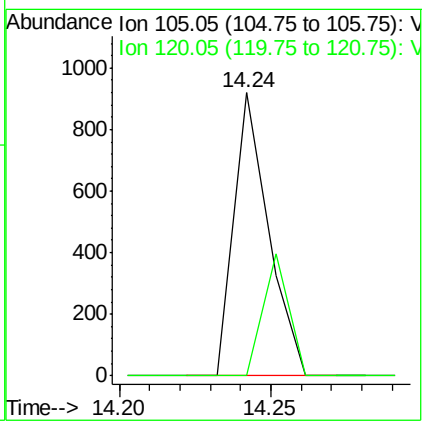


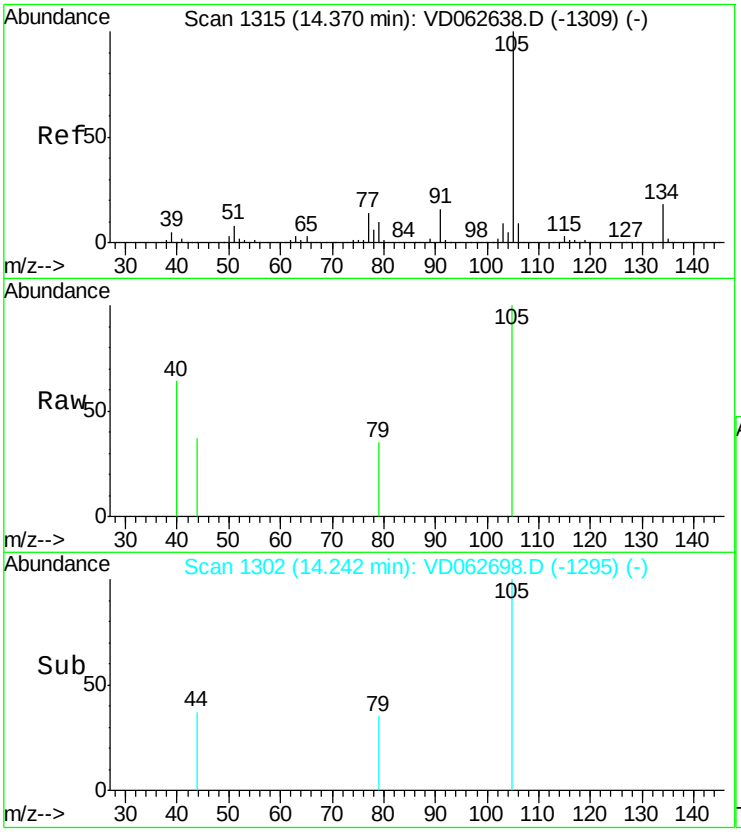


#84
1,2,4-Trimethylbenzene
Concen: 3.403 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:105 Resp: 734

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	60.8#



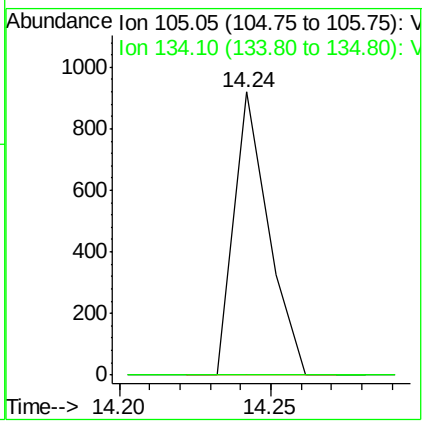


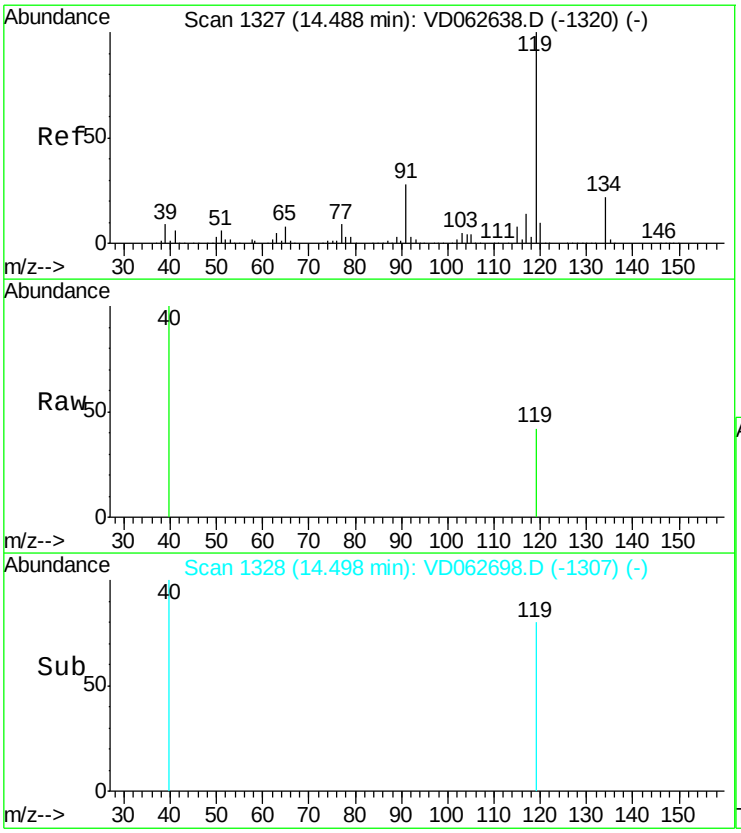
#85
sec-Butylbenzene
Concen: 2.913 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.13 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument : MSVOA_D
ClientSampleId : BAT-B10

Tgt Ion:105 Resp: 734

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.8	26.2#

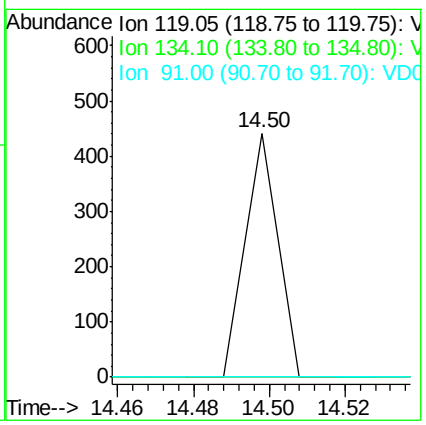


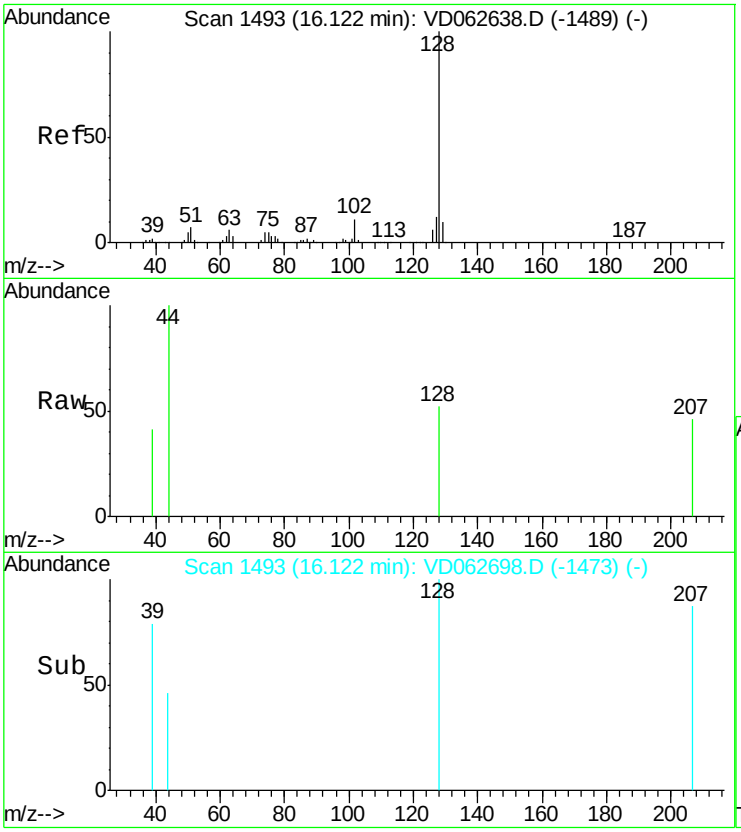


#86
p-Isopropyltoluene
Concen: 1.060 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Tgt Ion:119 Resp: 260

Ion	Ratio	Lower	Upper
119	100		
134	0.0	10.9	32.6#
91	0.0	13.9	41.6#





#95
Naphthalene
Concen: 5.342 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062698.D
Acq: 13 Jun 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
BAT-B10

Tgt Ion:128 Resp: 258

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	0.0	8.1	12.1#