Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
Data File : VD062659.D
Acq On : 10 Jun 2019 17:49
Operator : VA/AP
Sample : K3273-20
Misc : 4.96g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-10_1.0-1.5_060719

Quant Time: Jun 11 03:58:26 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	675664	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	922481	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	766757	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	388723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	322632	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.18%			
35) Dibromofluoromethane	6.92	113	356199	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.22%			
50) Toluene-d8	10.41	98	685197	33.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.96%			
62) 4-Bromofluorobenzene	13.55	95	313311	32.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	577	Below Cal	#	42
10) Methyl Iodide	3.32	142	677	4.060	ug/l #	24
13) Acrolein	3.07	56	236	1.831	ug/l #	12
16) Acetone	3.22	43	5461	3.059	ug/l #	66
20) Methylene Chloride	3.82	84	21545	2.777	ug/l #	74
29) Tetrahydrofuran	6.46	42	960	1.224	ug/l #	33
31) Cyclohexane	7.05	56	16866	2.192	ug/l #	16
36) 1,1-Dichloropropene	7.05	75	52439	4.967	ug/l #	54
37) Ethyl Acetate	6.23	43	218	1.248	ug/l #	74
38) Carbon Tetrachloride	7.04	117	67755	4.060	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.55	75	150578	92.726	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	481	3.613	ug/l #	11
95) Naphthalene	16.12	128	3641	3.690	ug/l	97

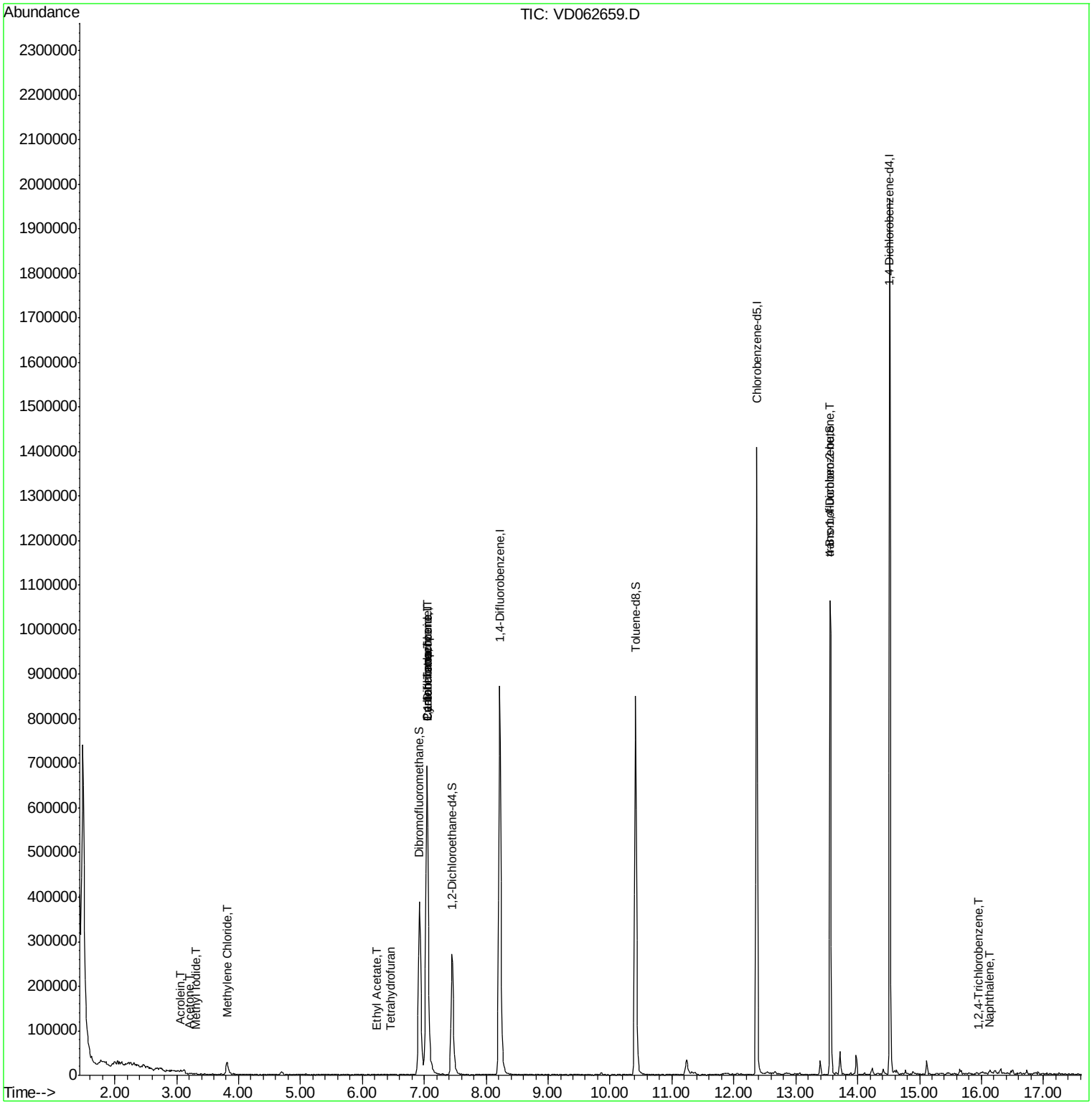
(#) = qualifier out of range (m) = manual integration (+) = signals summed

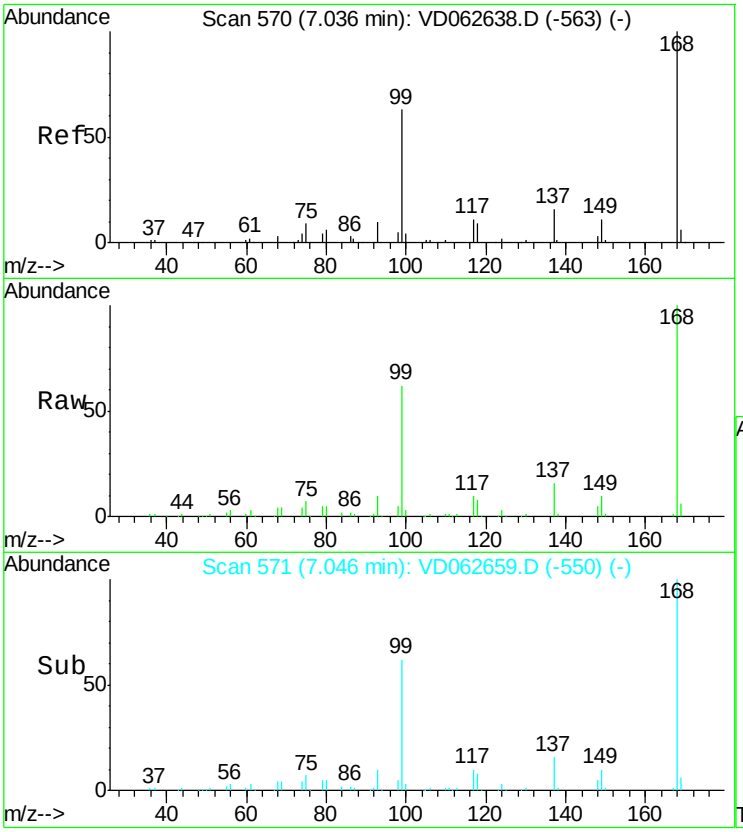
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
Data File : VD062659.D
Acq On : 10 Jun 2019 17:49
Operator : VA/AP
Sample : K3273-20
Misc : 4.96g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Quant Time: Jun 11 03:58:26 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



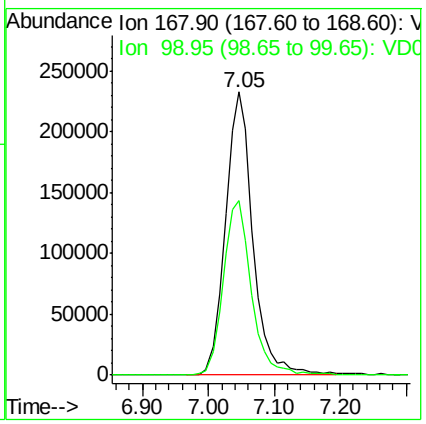


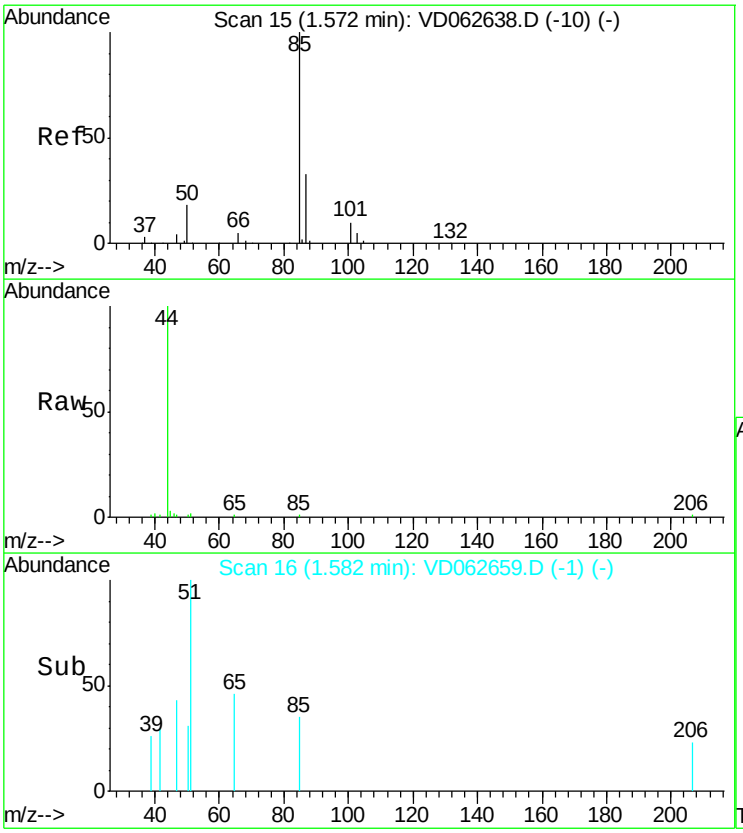
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion:168 Resp: 675664

Ion	Ratio	Lower	Upper
168	100		
99	61.7	51.4	77.2

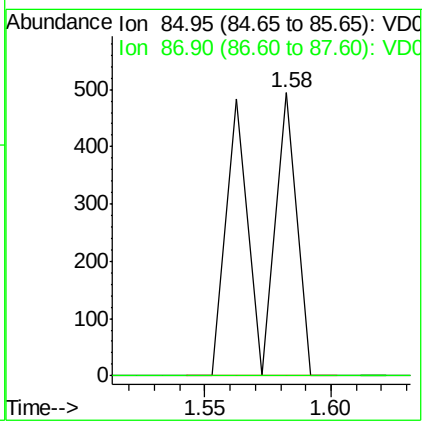


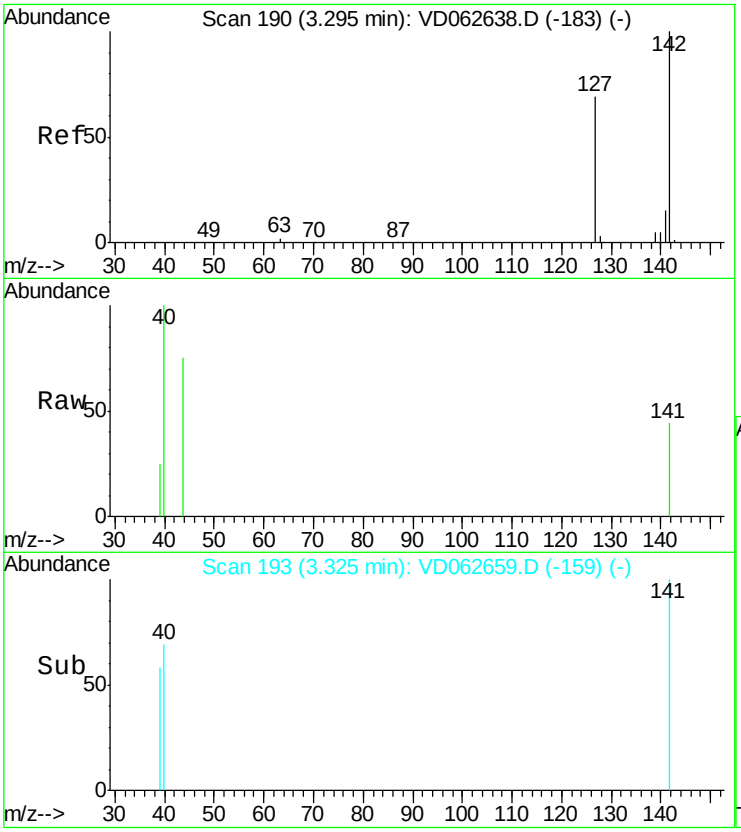


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 16
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 85 Resp: 577

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.7#



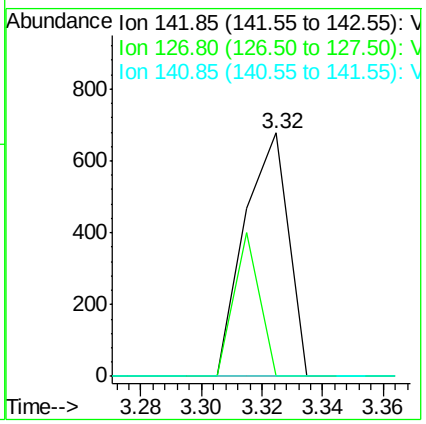


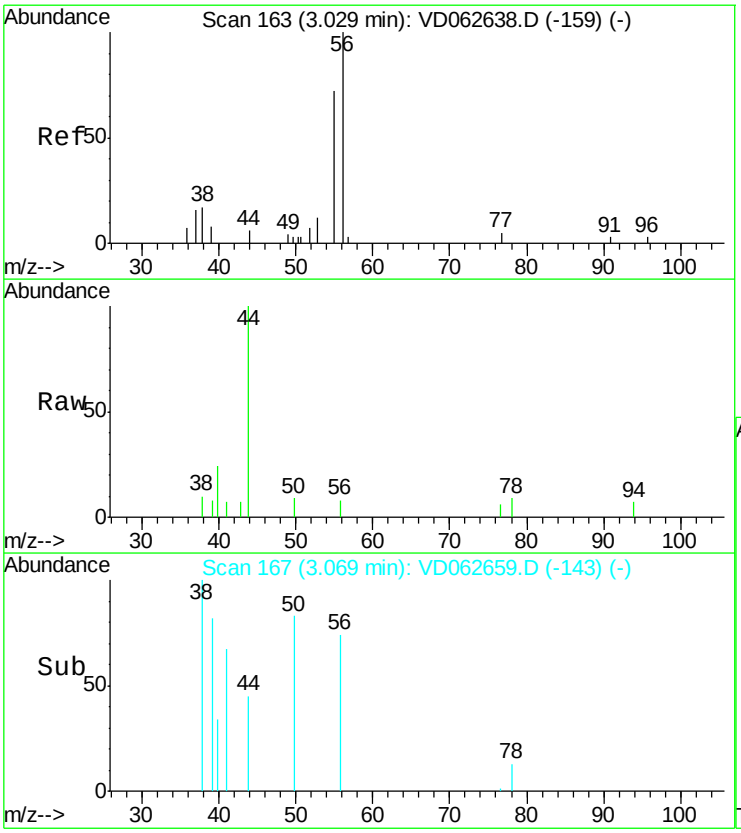
#10
Methyl Iodide
Concen: 4.060 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument : MSVOA_D
ClientSampleId : SB-10_1.0-1.5_060719

Tgt Ion:142 Resp: 677

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

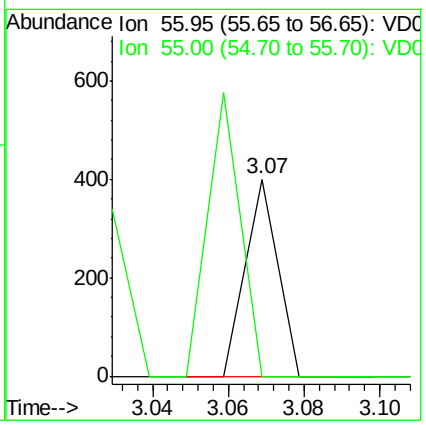


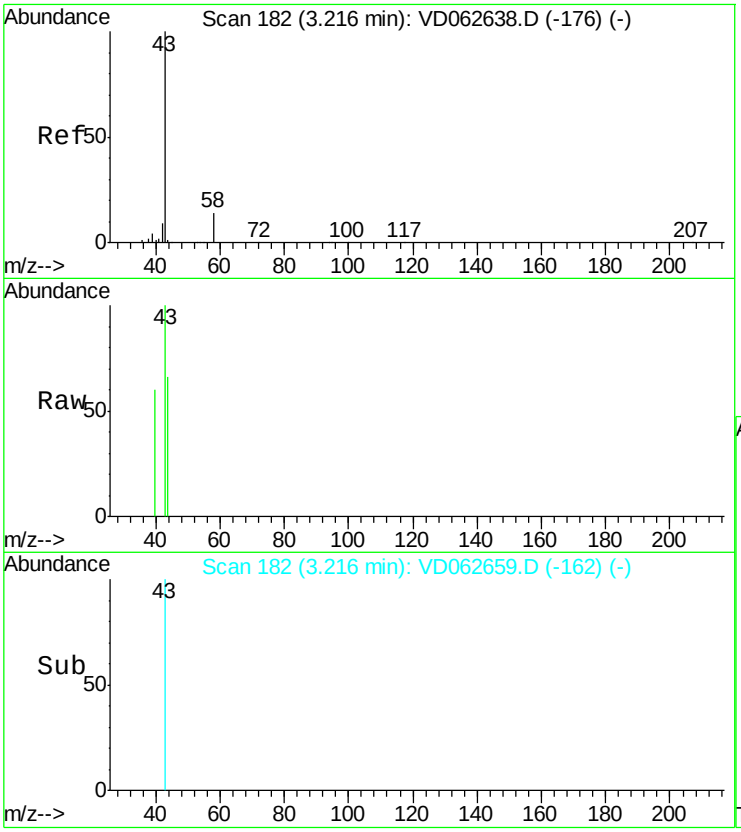


#13
Acrolein
Concen: 1.831 ug/l
RT: 3.07 min Scan# 167
Delta R.T. 0.04 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 56 Resp: 236

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.4	89.0#



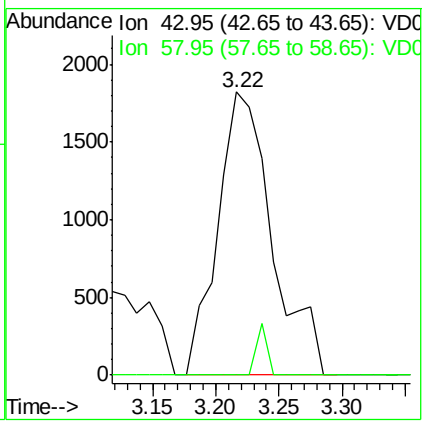


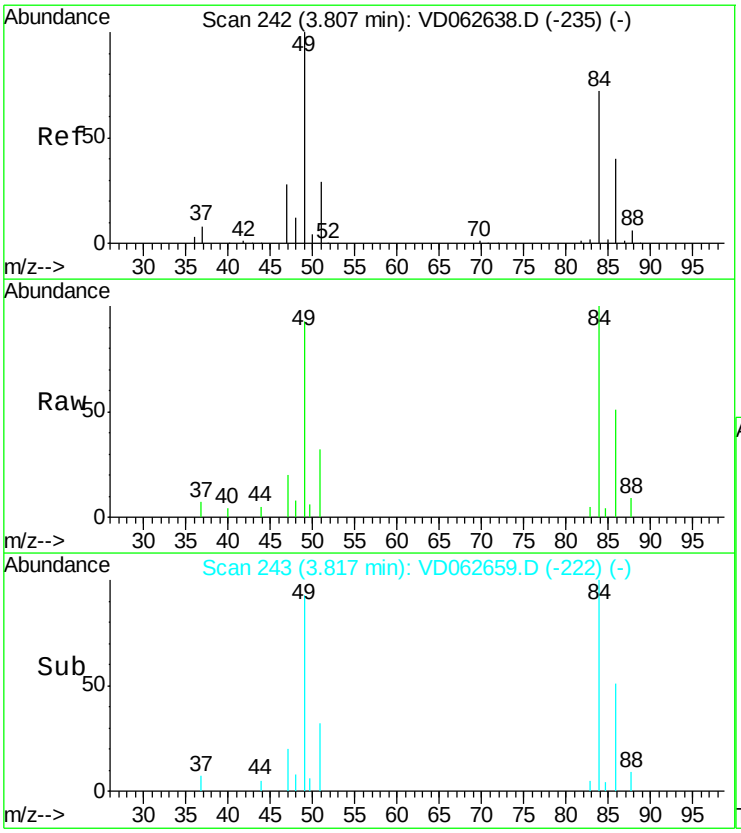
#16
Acetone
Concen: 3.059 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 43 Resp: 5461

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.8	16.2#

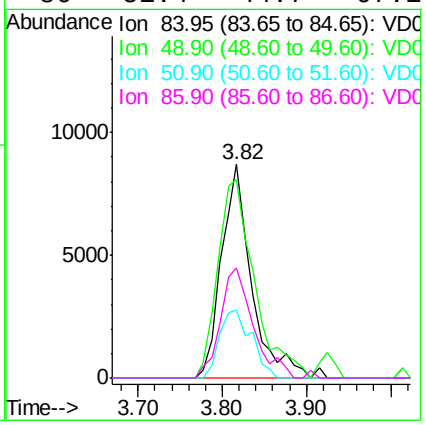


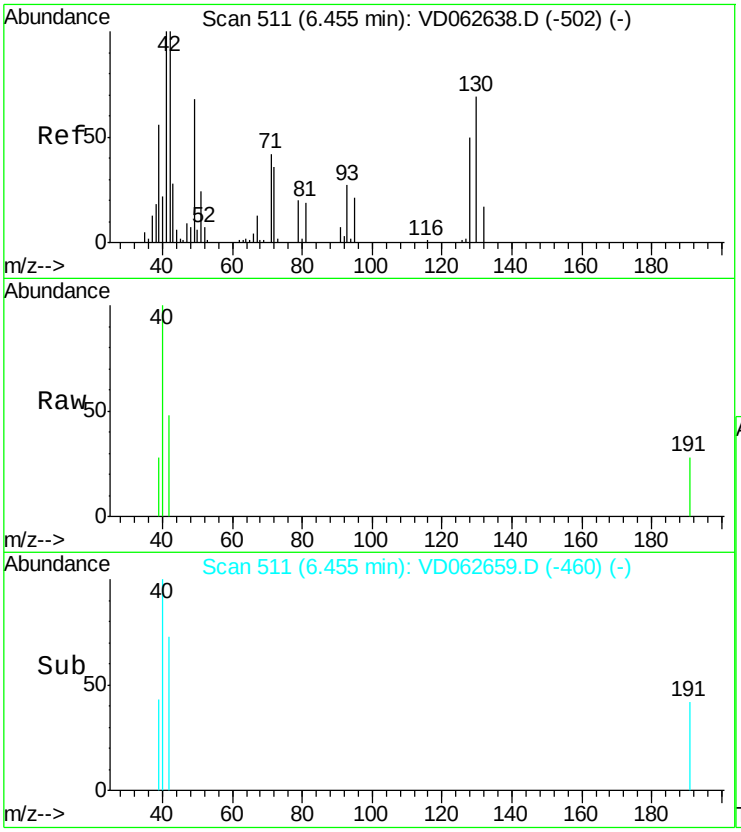


#20
Methylene Chloride
Concen: 2.777 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 84 Resp: 21545

Ion	Ratio	Lower	Upper
84	100		
49	92.7	111.2	166.8#
51	31.7	31.9	47.9#
86	51.4	44.7	67.1



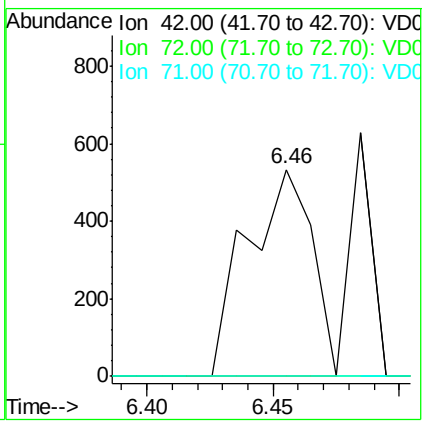


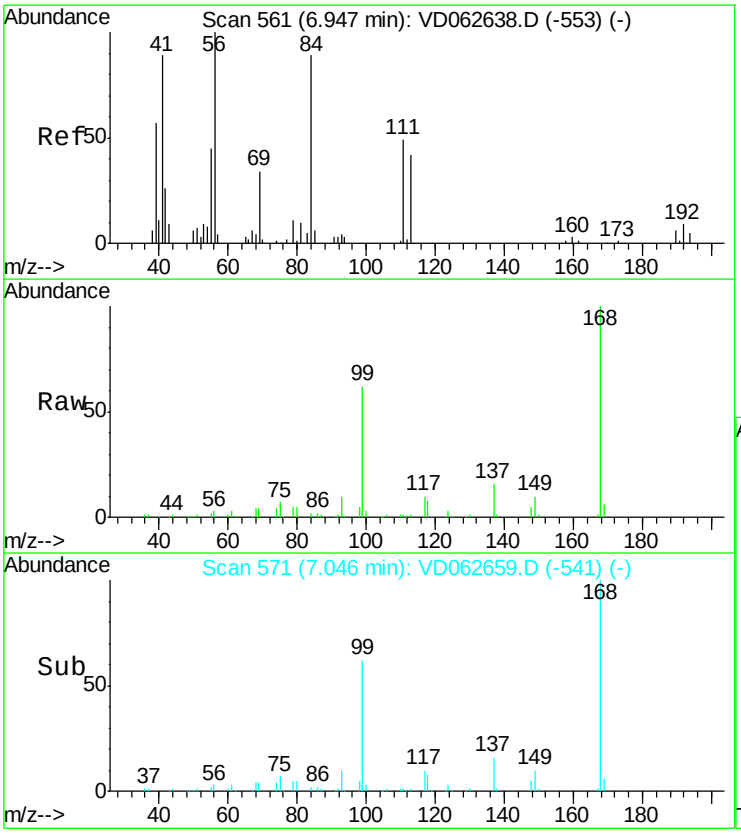
#29
Tetrahydrofuran
Concen: 1.224 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 42 Resp: 960

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	0.0	34.2	51.4#

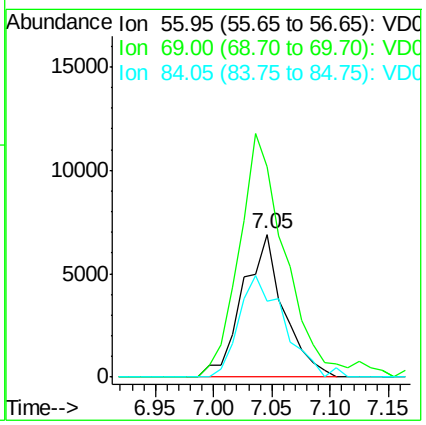


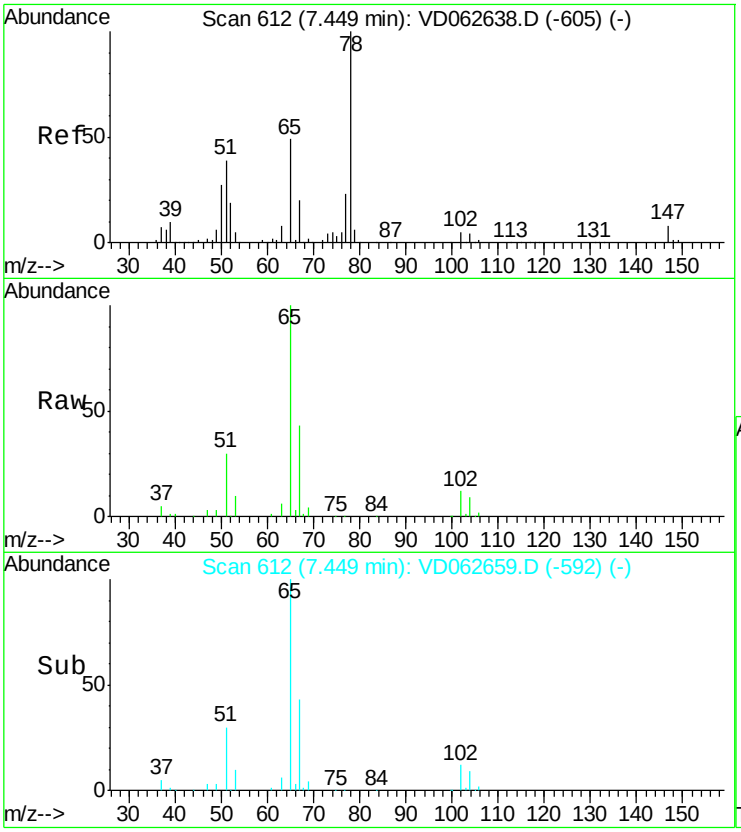


#31
Cyclohexane
Concen: 2.192 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.10 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 56 Resp: 16866

Ion	Ratio	Lower	Upper
56	100		
69	147.8	26.8	40.2#
84	53.1	73.9	110.9#



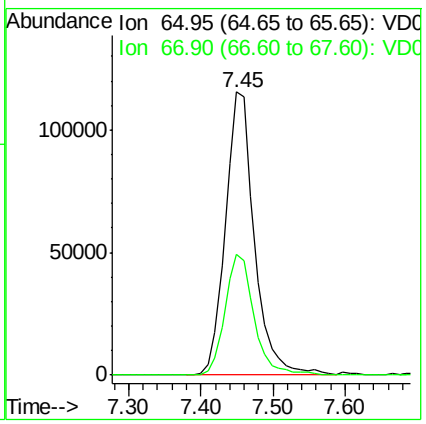


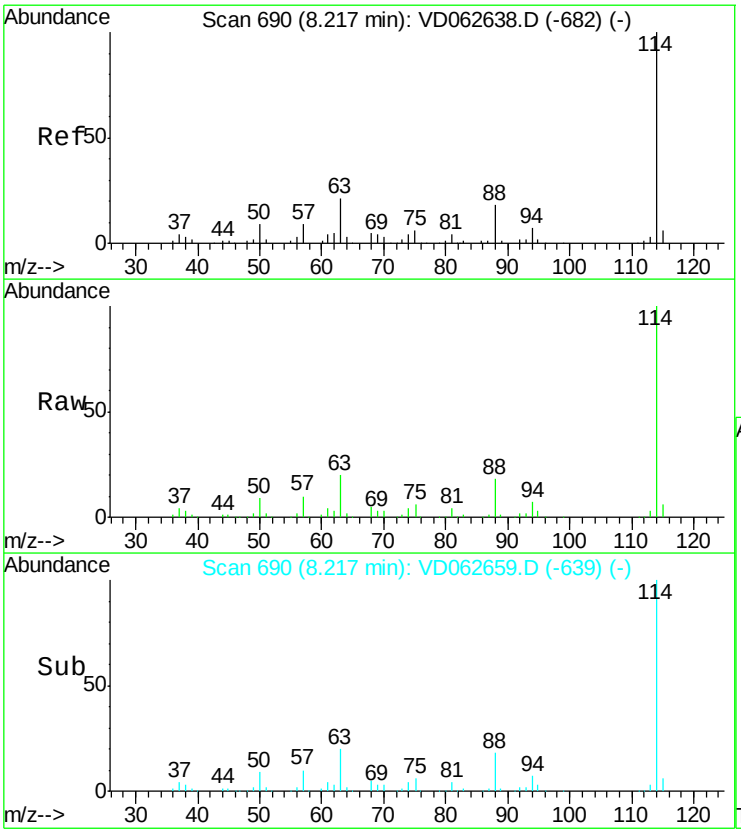
#33
1,2-Dichloroethane-d4
Concen: 33.091 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 65 Resp: 322632

Ion	Ratio	Lower	Upper
65	100		
67	42.7	0.0	81.8

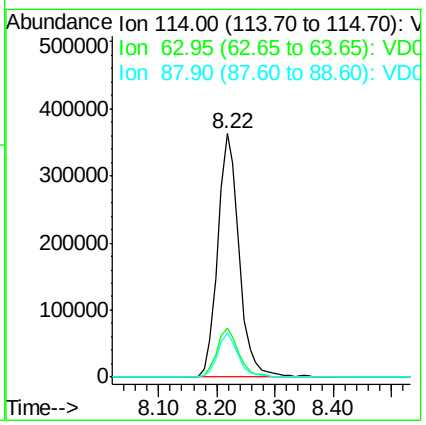


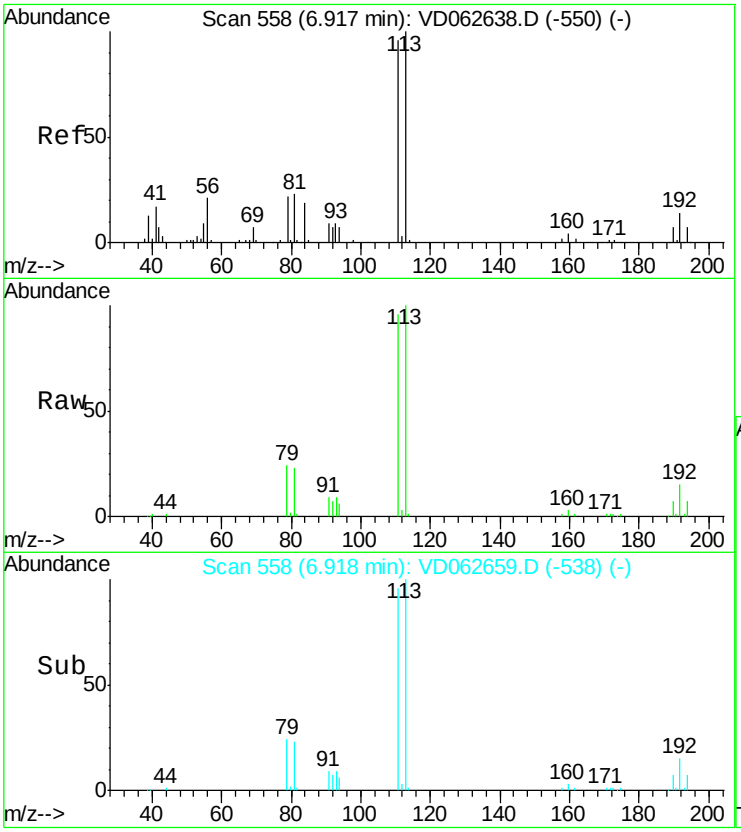


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion:114 Resp: 922481

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	17.8	0.0	36.8



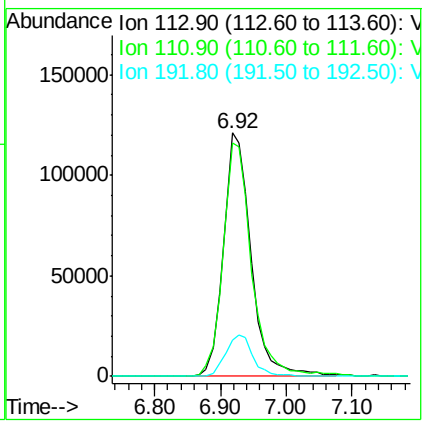


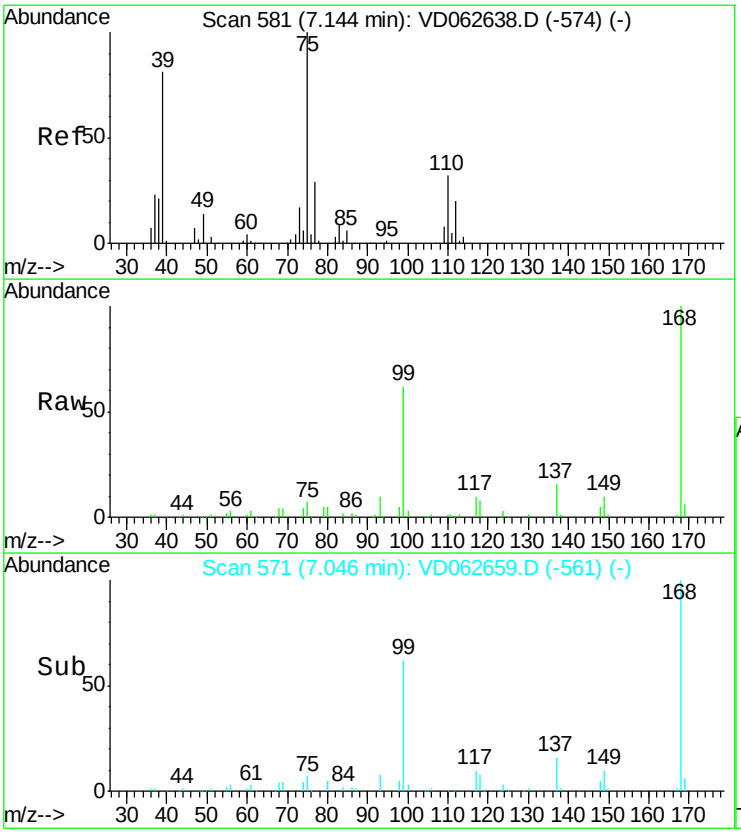
#35
Dibromofluoromethane
Concen: 36.613 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion:113 Resp: 356199

Ion	Ratio	Lower	Upper
113	100		
111	95.7	76.4	114.6
192	14.7	11.4	17.0

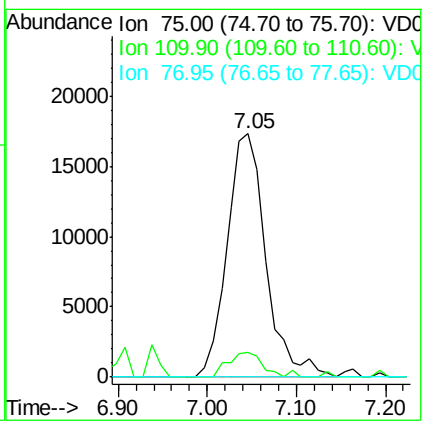


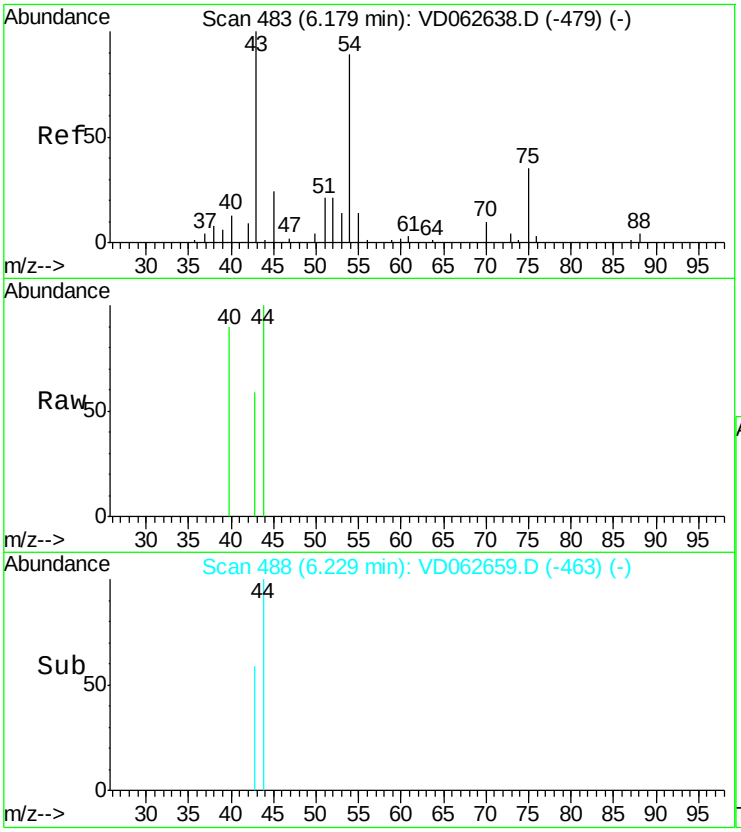


#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 75 Resp: 52439

Ion	Ratio	Lower	Upper
75	100		
110	10.1	15.9	47.7#
77	0.0	23.3	34.9#



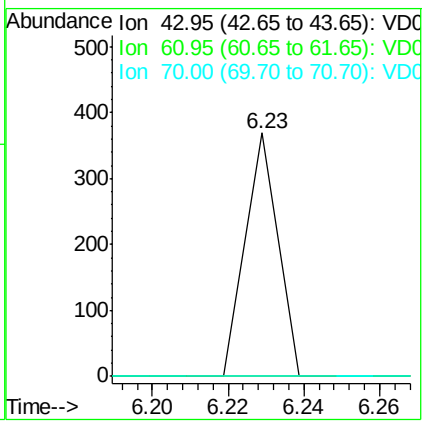


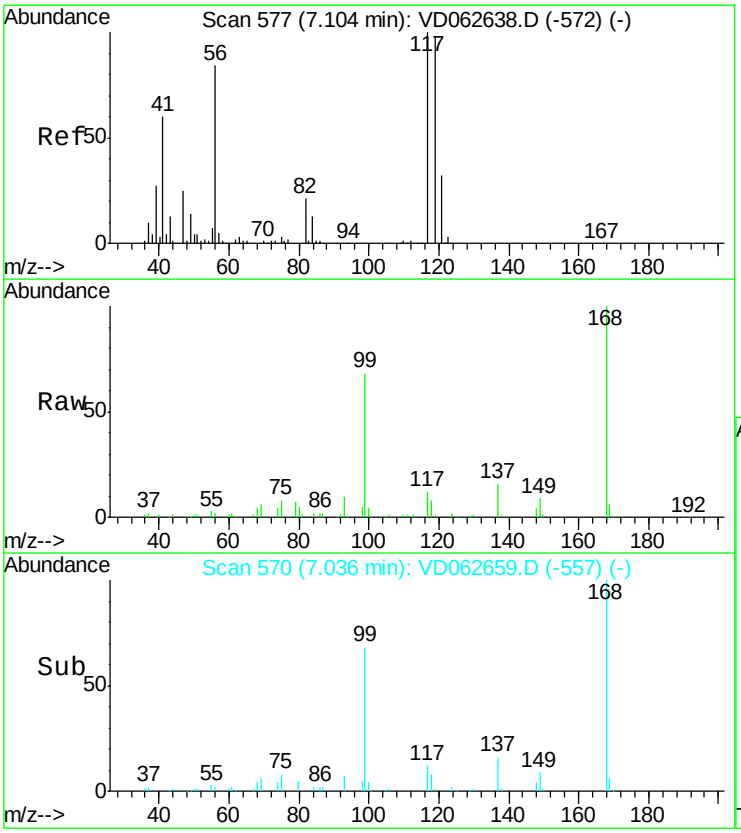
#37
Ethyl Acetate
Concen: 1.248 ug/l
RT: 6.23 min Scan# 488
Delta R.T. 0.05 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 43 Resp: 218

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

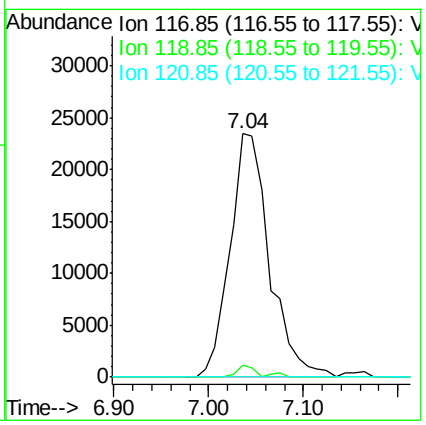


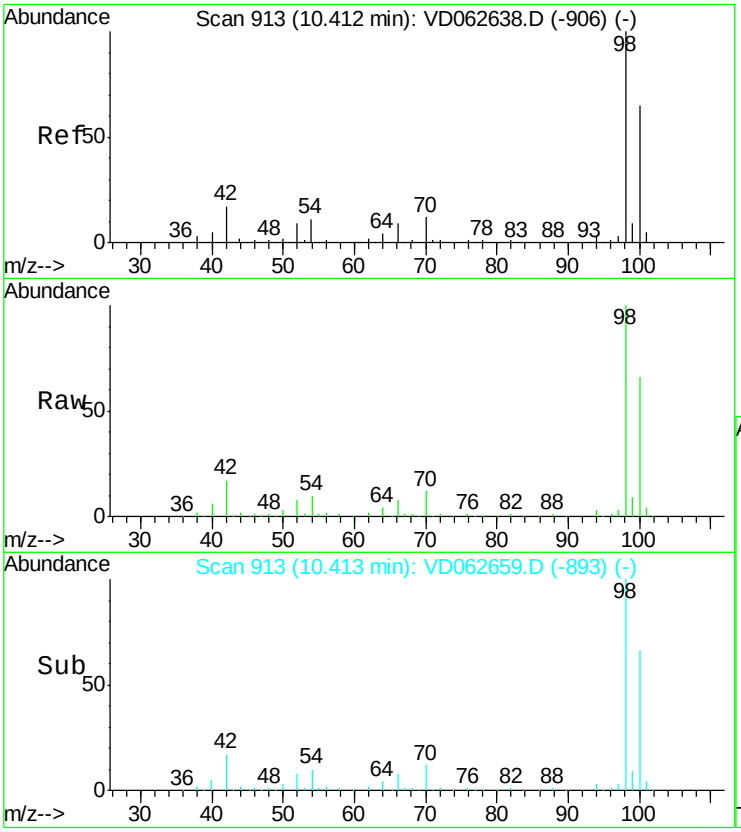


#38
Carbon Tetrachloride
Concen: 4.060 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion:117 Resp: 67755

Ion	Ratio	Lower	Upper
117	100		
119	4.7	73.5	110.3#
121	0.0	24.2	36.4#



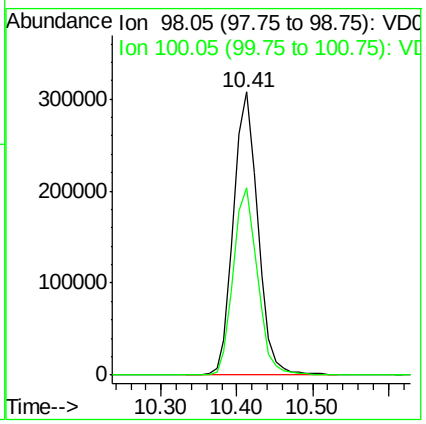


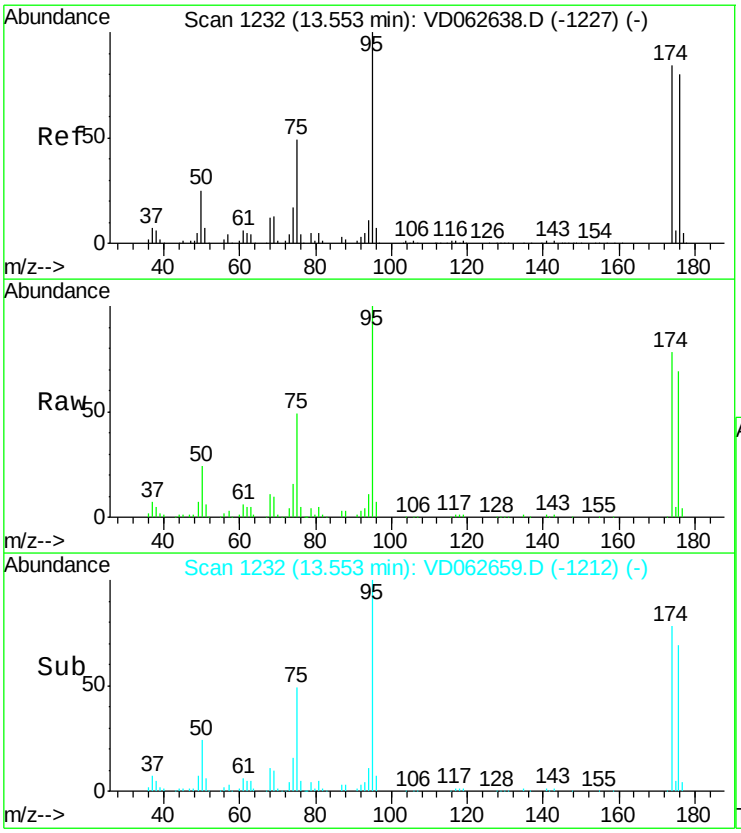
#50
Toluene-d8
Concen: 33.480 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 98 Resp: 685197

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.1	78.1

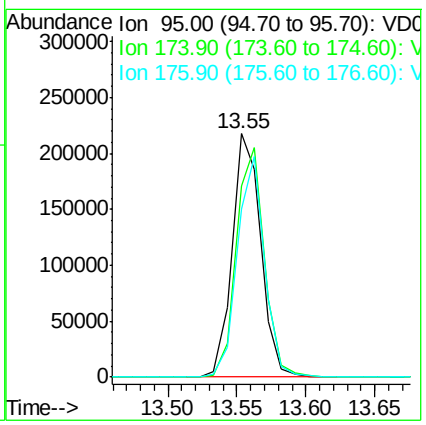


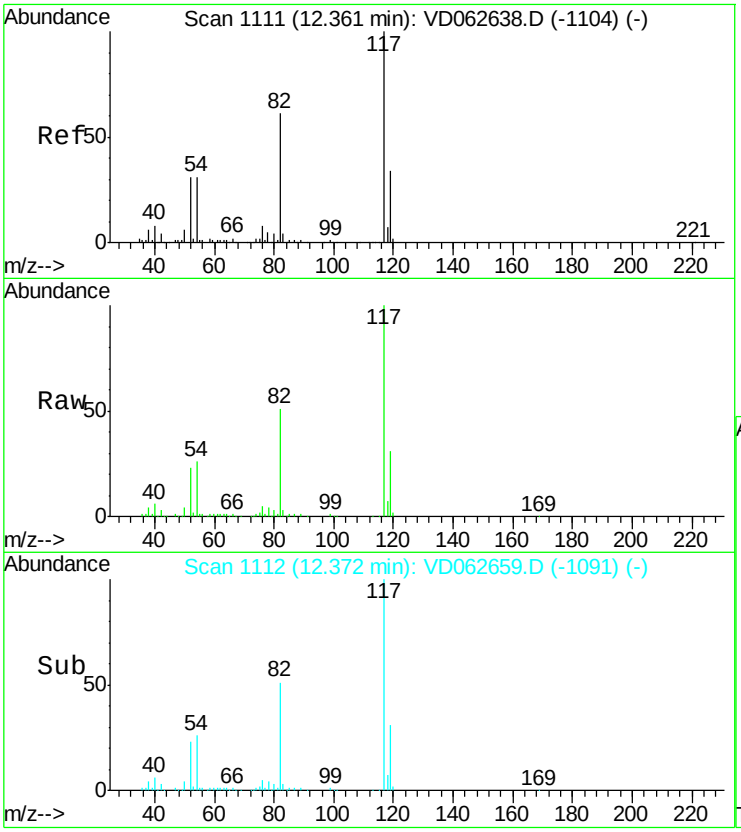


#62
4-Bromofluorobenzene
Concen: 32.814 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion: 95 Resp: 313311

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	167.0
176	68.9	0.0	159.2



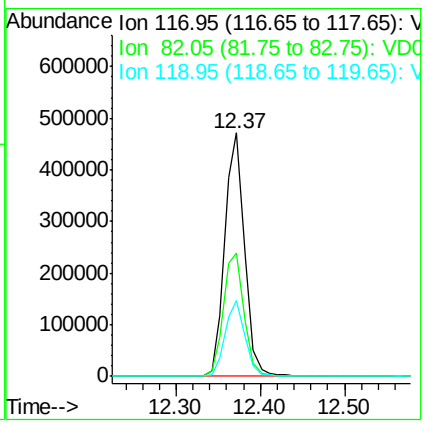


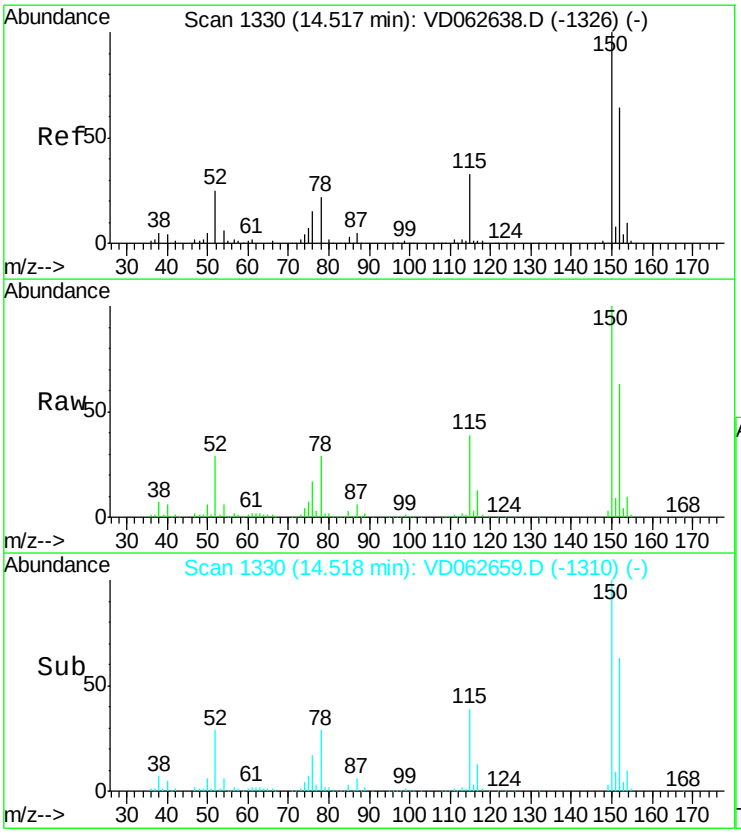
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion:117 Resp: 766757

Ion	Ratio	Lower	Upper
117	100		
82	50.5	48.7	73.1
119	31.2	27.0	40.6

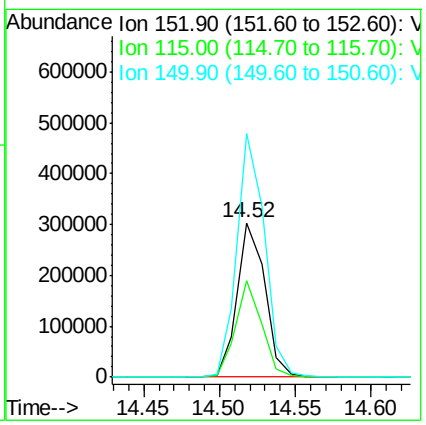


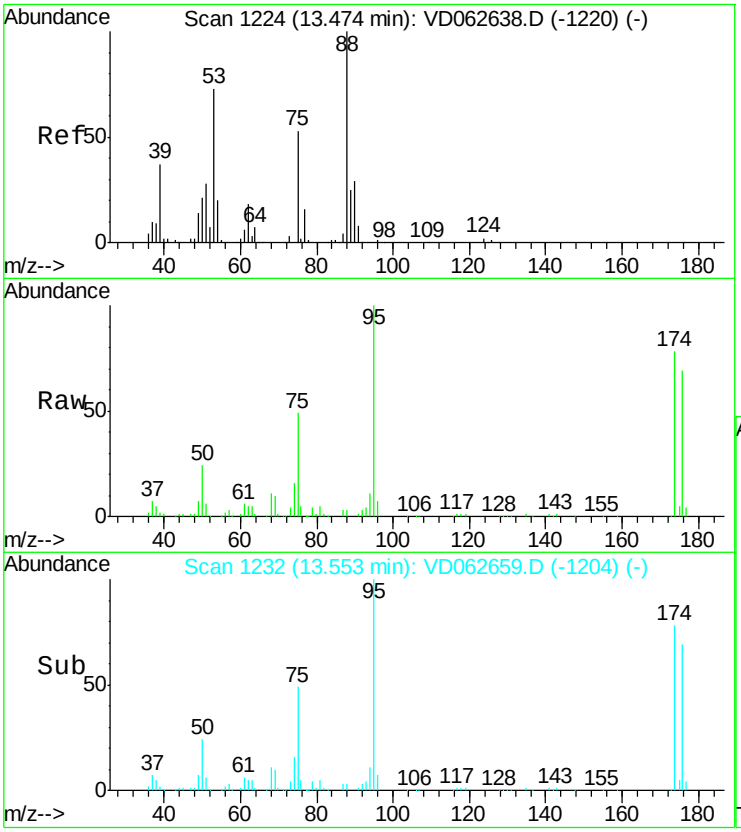


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion:152 Resp: 388723

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.1	90.5
150	158.0	0.0	314.0



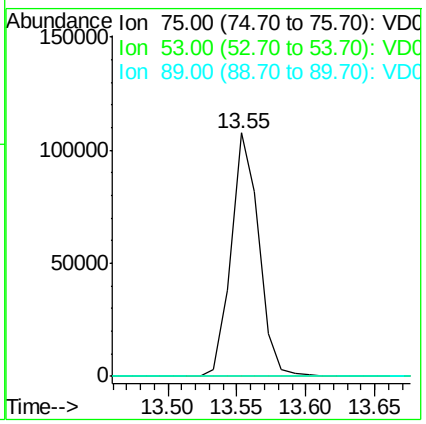


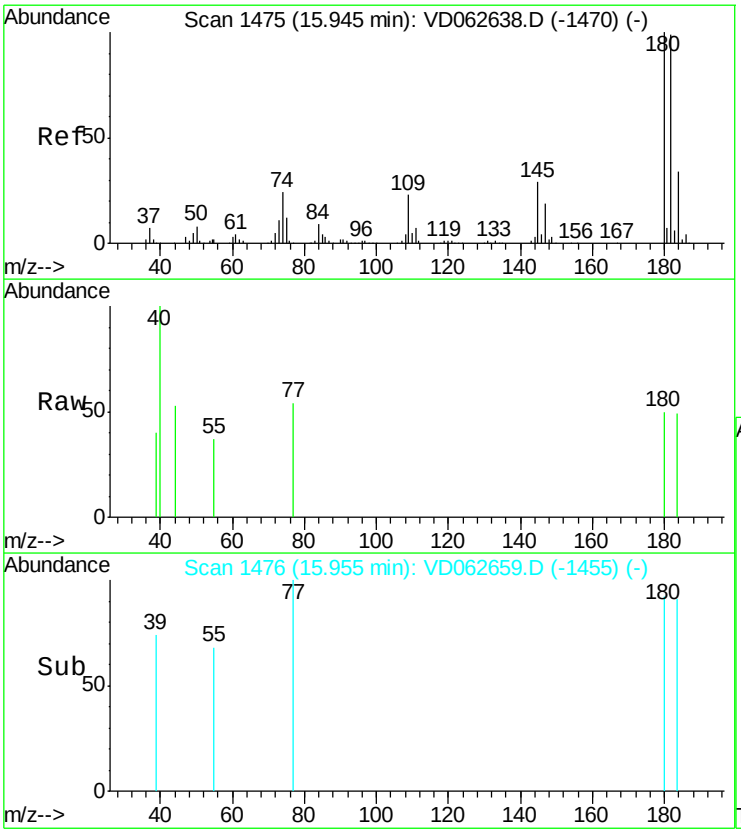
#81
trans-1,4-Dichloro-2-butene
Concen: 92.726 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion: 75 Resp: 150578

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

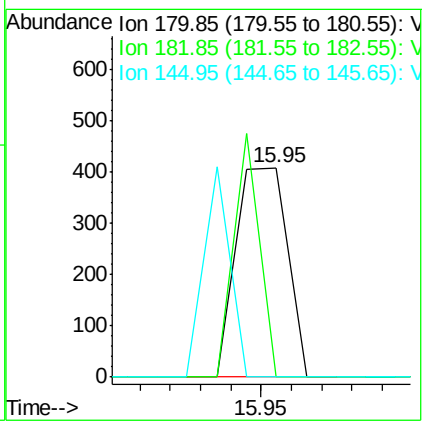


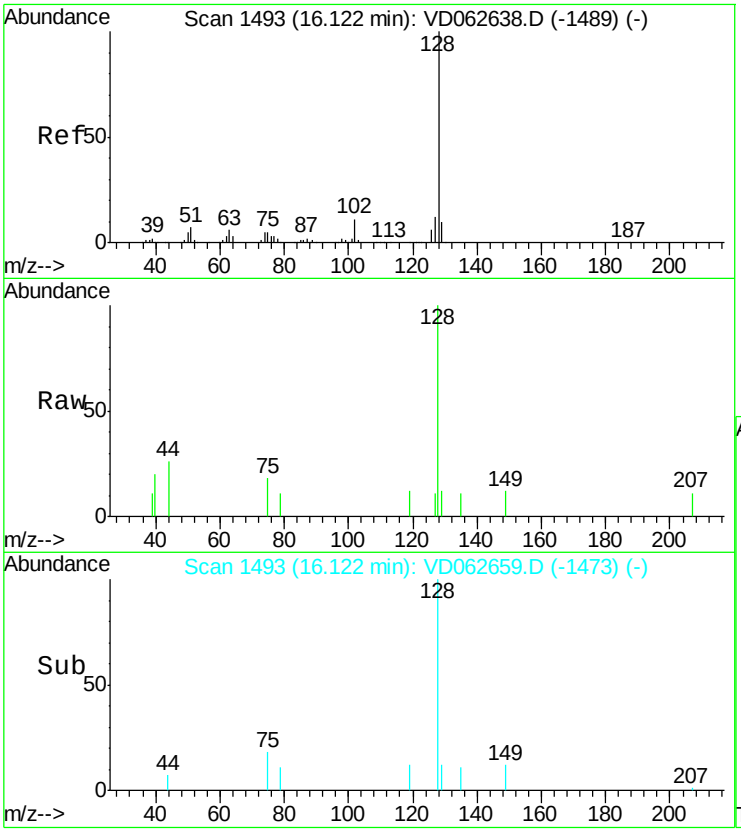


#93
1,2,4-Trichlorobenzene
Concen: 3.613 ug/l
RT: 15.95 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Tgt Ion:180 Resp: 481

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.4	148.2#
145	0.0	14.5	43.6#





#95
Naphthalene
Concen: 3.690 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062659.D
Acq: 10 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-10_1.0-1.5_060719

Tgt Ion:128 Resp: 3641

Ion	Ratio	Lower	Upper
128	100		
127	11.1	9.7	14.5
129	11.8	8.1	12.1