Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062719\
Data File : VD062953.D
Acq On : 28 Jun 2019 3:49
Operator : VA/AP
Sample : K3554-05
Misc : 6.41g/5ml/MSVOA_D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 28 05:24:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	293688	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	482734	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	433002	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	234366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	249379	78.12	ug/l	-0.04
Spiked Amount 50.000			Recovery = 156.24%			
35) Dibromofluoromethane	6.90	113	208560	51.24	ug/l	-0.03
Spiked Amount 50.000			Recovery = 102.48%			
50) Toluene-d8	10.39	98	389755	44.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 88.00%			
62) 4-Bromofluorobenzene	13.55	95	200715	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
Target Compounds						Qvalue
5) Bromomethane	2.17	94	3743	2.820	ug/l #	22
11) Tert butyl alcohol	4.06	59	976	6.713	ug/l #	77
13) Acrolein	3.06	56	294	1.981	ug/l #	77
16) Acetone	3.20	43	91072	137.531	ug/l #	91
18) Methyl Acetate	3.61	43	1787	1.854	ug/l #	58
20) Methylene Chloride	3.78	84	10603	4.355	ug/l #	79
31) Cyclohexane	7.01	56	5844	1.949	ug/l #	4
36) 1,1-Dichloropropene	7.00	75	20990	4.593	ug/l #	52
37) Ethyl Acetate	6.19	43	366	Below Cal	#	69
38) Carbon Tetrachloride	7.01	117	30331	4.413	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.54	75	97875	138.028	ug/l #	2

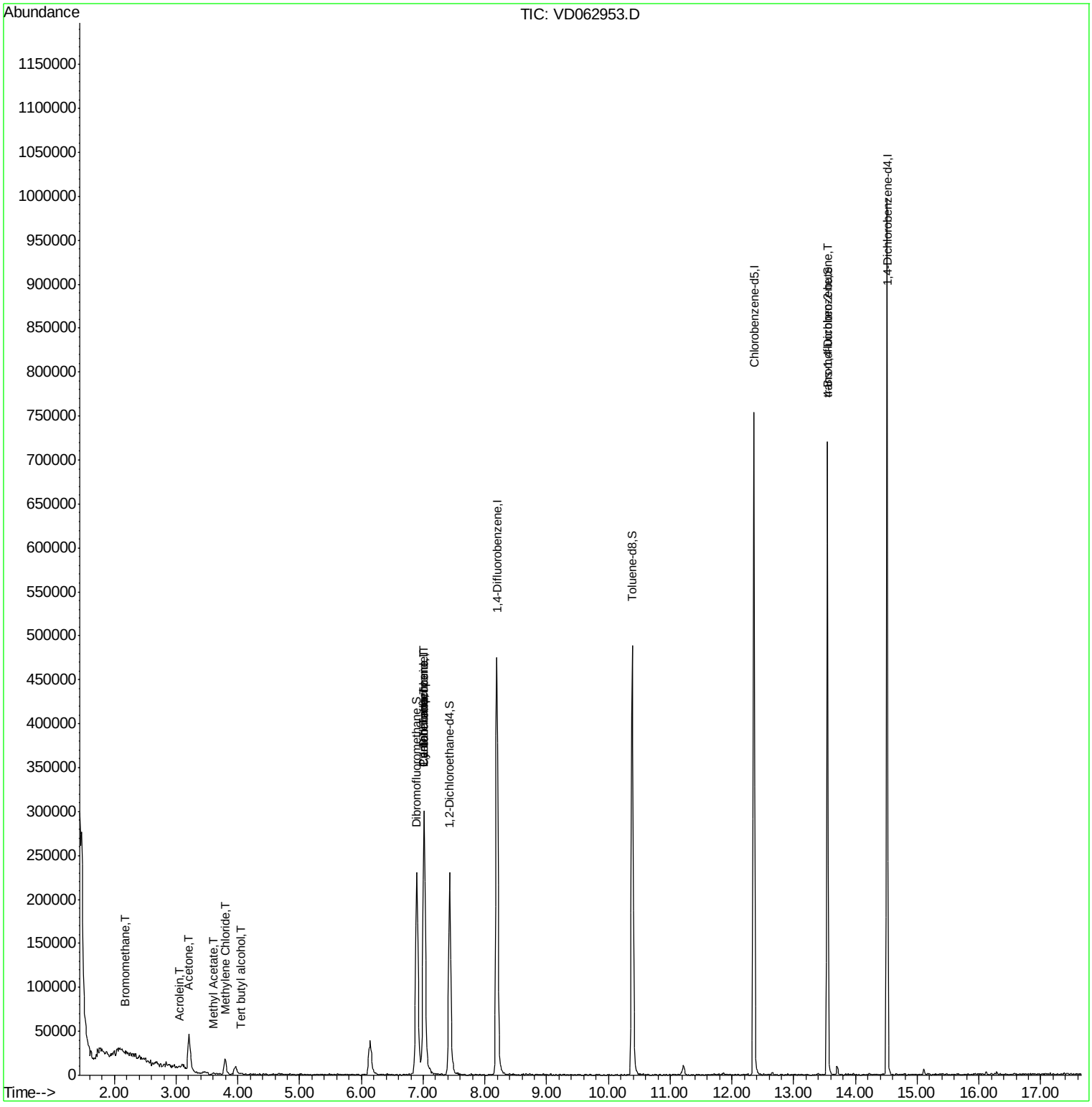
(#) = qualifier out of range (m) = manual integration (+) = signals summed

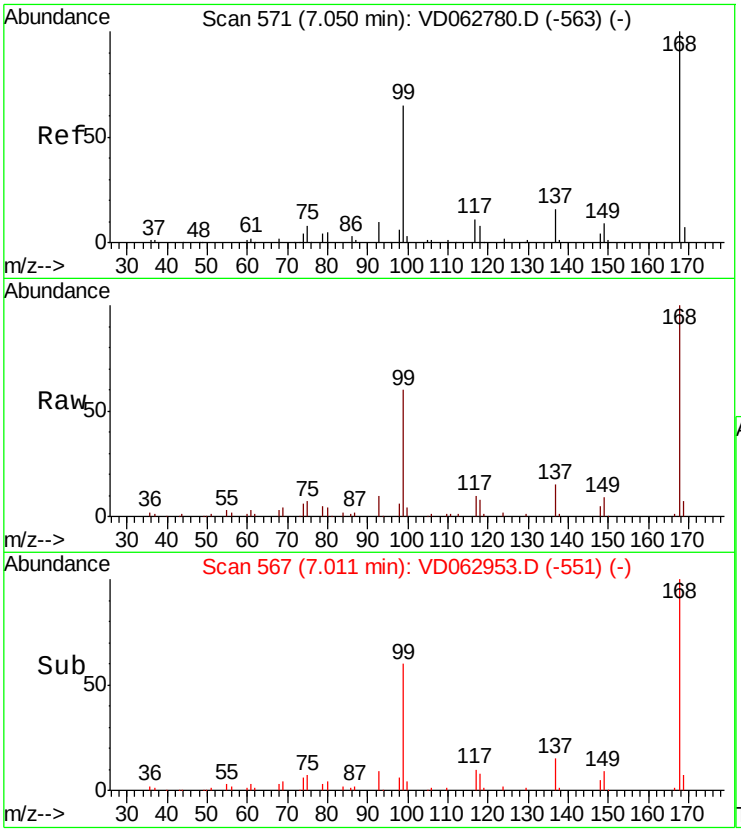
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
Data File : VD062953.D
Acq On : 28 Jun 2019 3:49
Operator : VA/AP
Sample : K3554-05
Misc : 6.41g/5ml/MSVOA D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 28 05:24:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



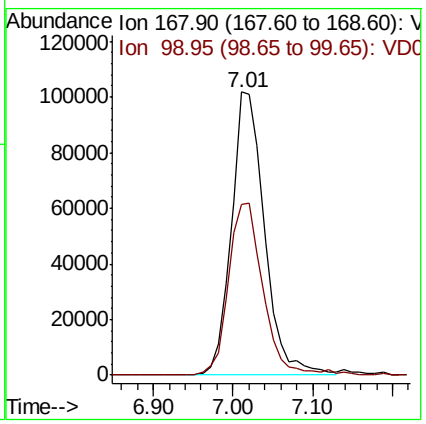


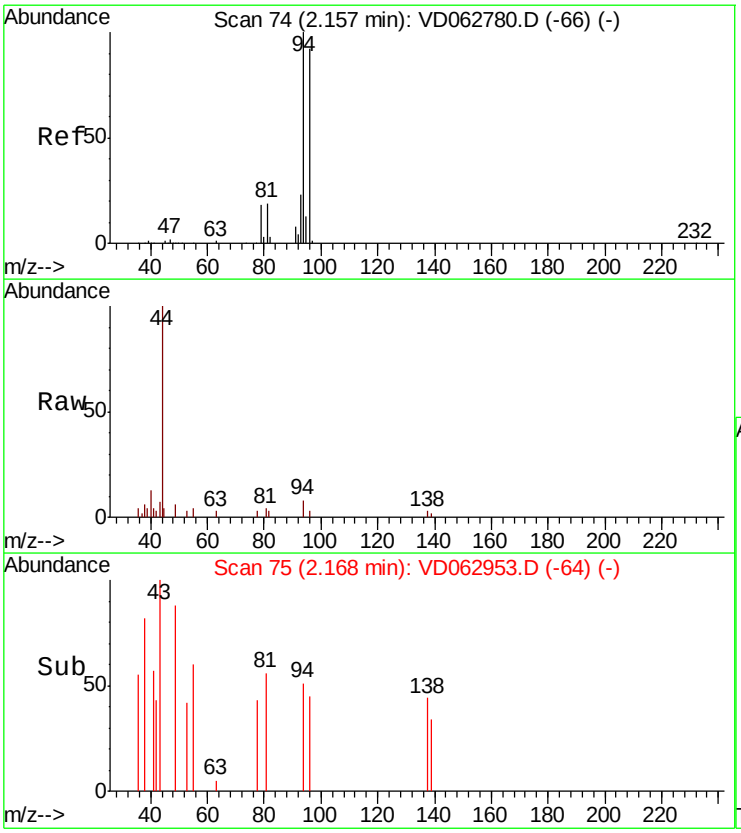
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 567
Delta R.T. -0.04 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 293688

Ion	Ratio	Lower	Upper
168	100		
99	60.3	53.0	79.6

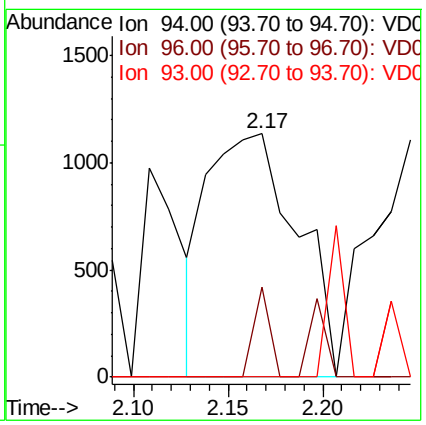


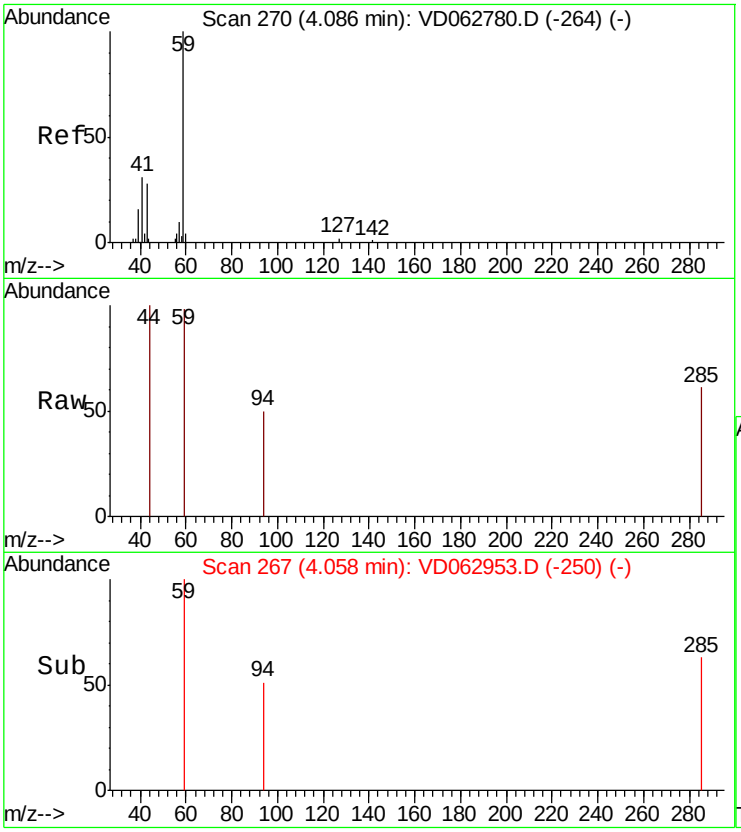


#5
Bromomethane
Concen: 2.820 ug/l
RT: 2.17 min Scan# 75
Delta R.T. 0.01 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 94 Resp: 3743

Ion	Ratio	Lower	Upper
94	100		
96	37.0	73.4	110.2#
93	100.0	18.2	27.4#



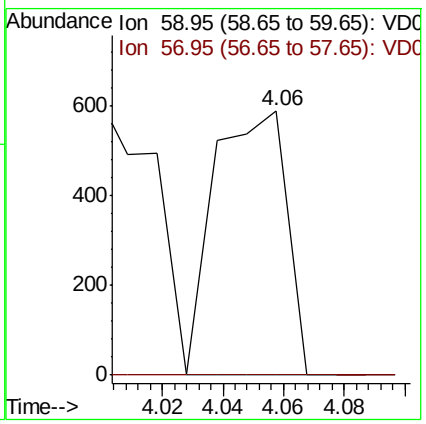


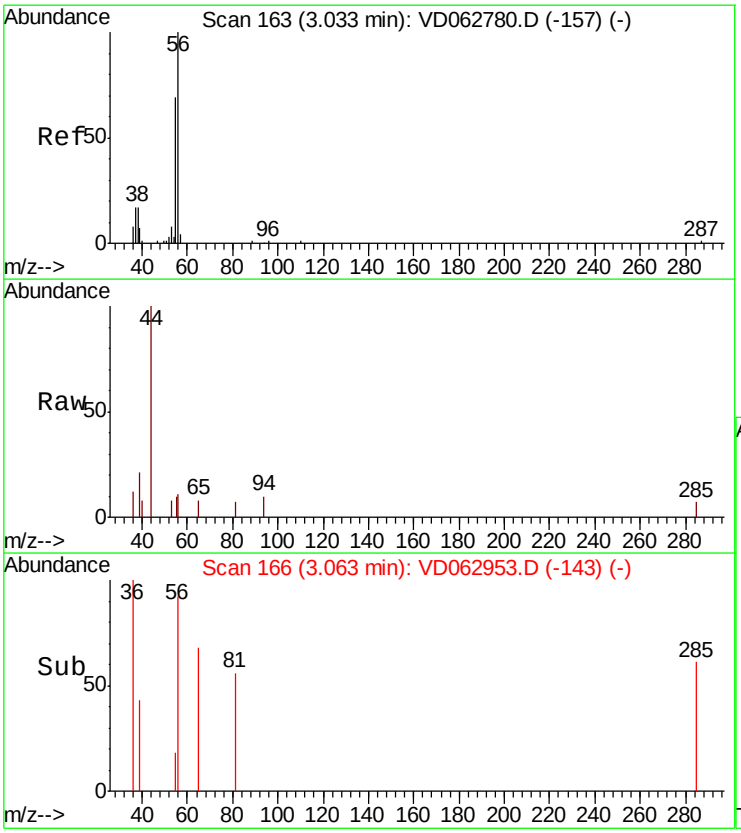
#11
Tert butyl alcohol
Concen: 6.713 ug/l
RT: 4.06 min Scan# 267
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 976

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	10.0#

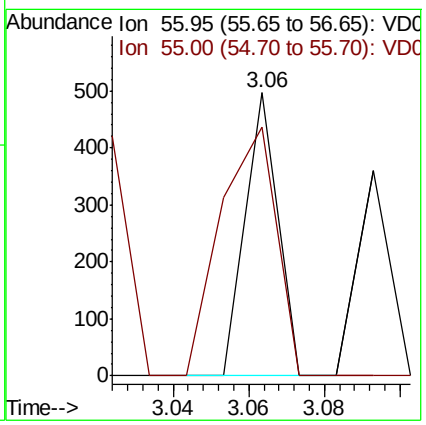


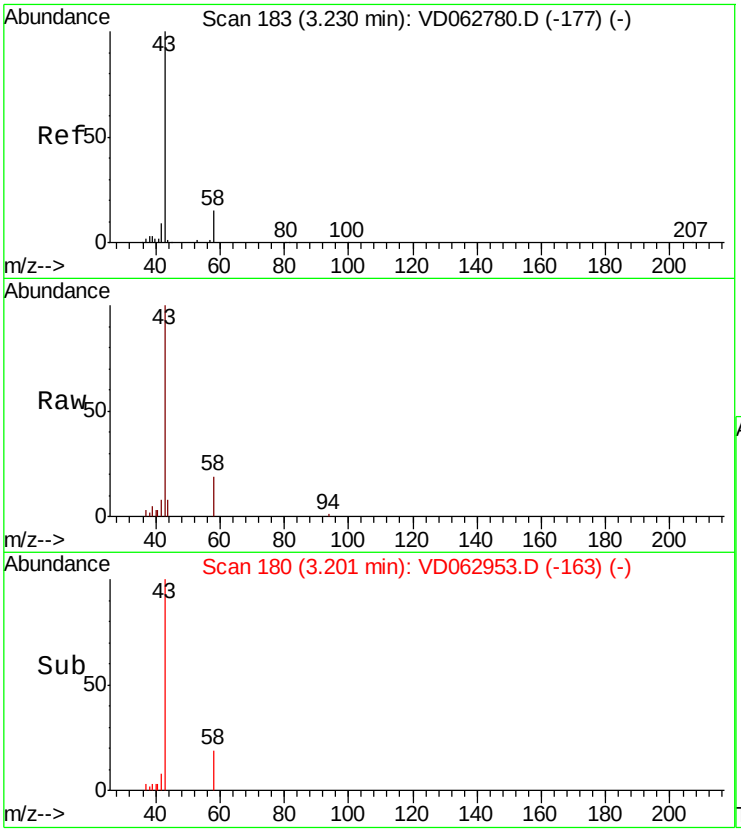


#13
Acrolein
Concen: 1.981 ug/l
RT: 3.06 min Scan# 166
Delta R.T. 0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 56 Resp: 294

Ion	Ratio	Lower	Upper
56	100		
55	87.9	55.4	83.0#



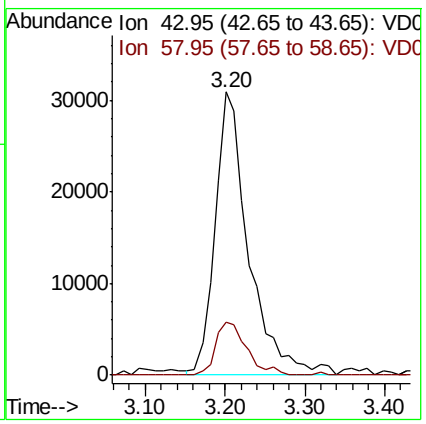


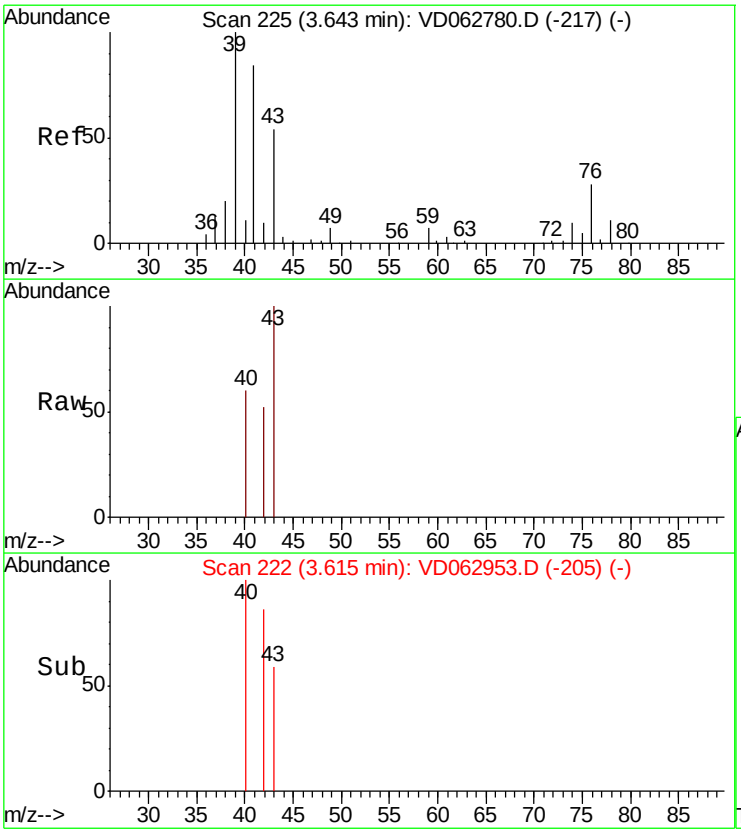
#16
Acetone
Concen: 137.531 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 91072

Ion	Ratio	Lower	Upper
43	100		
58	18.5	11.9	17.9#

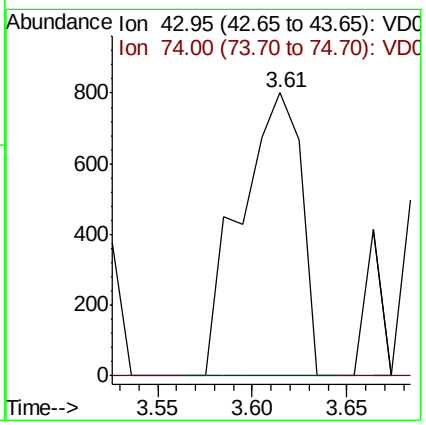


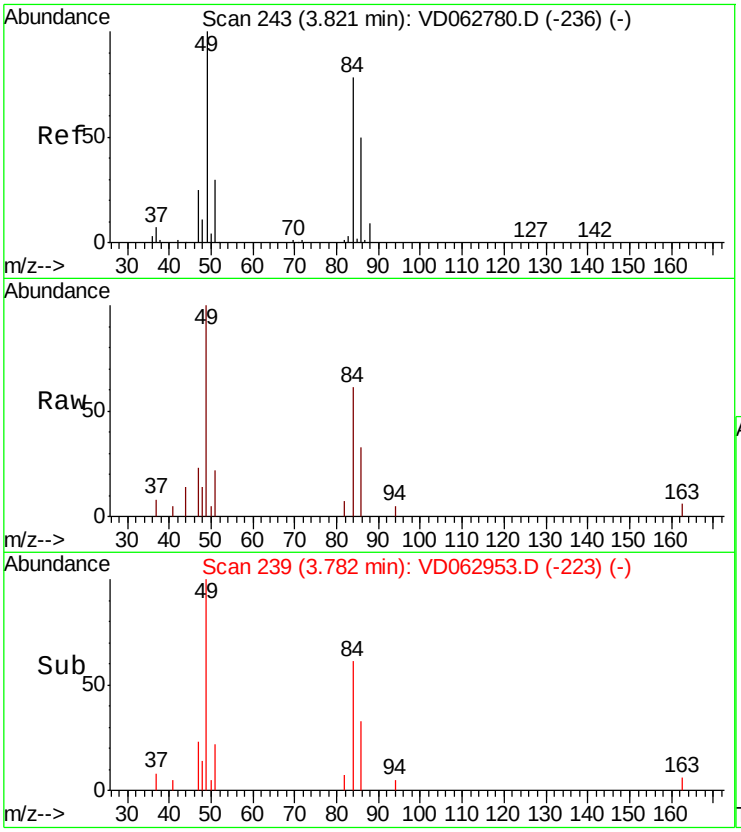


#18
Methyl Acetate
Concen: 1.854 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 43 Resp: 1787

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.2	22.8#



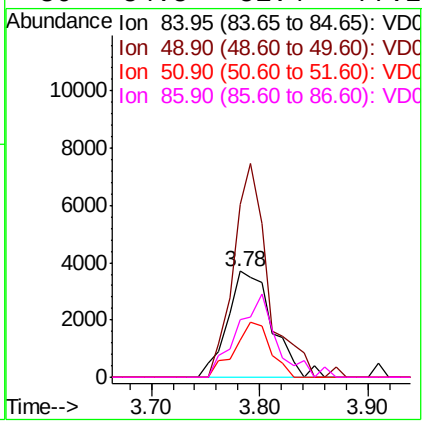


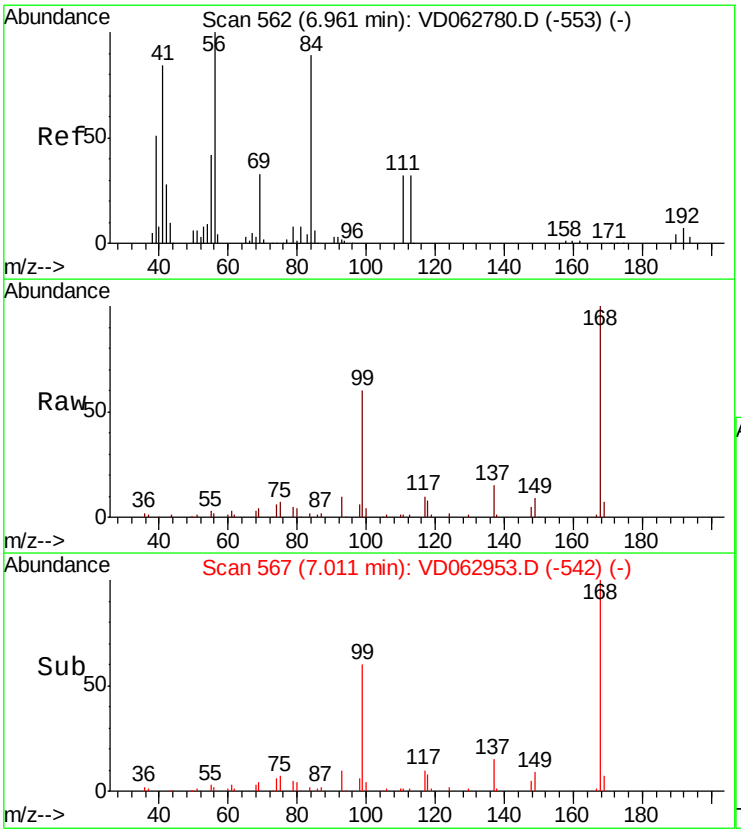
#20
Methylene Chloride
Concen: 4.355 ug/l
RT: 3.78 min Scan# 239
Delta R.T. -0.04 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 10603

Ion	Ratio	Lower	Upper
84	100		
49	162.8	102.9	154.3#
51	35.4	31.2	46.8
86	54.5	51.4	77.2

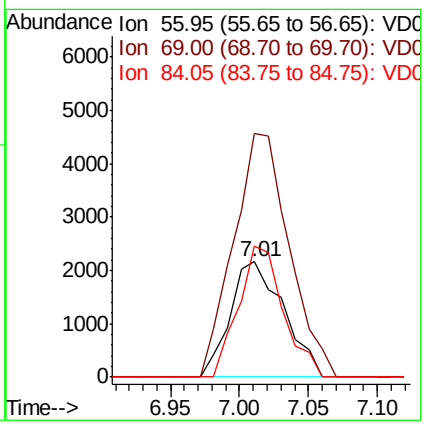


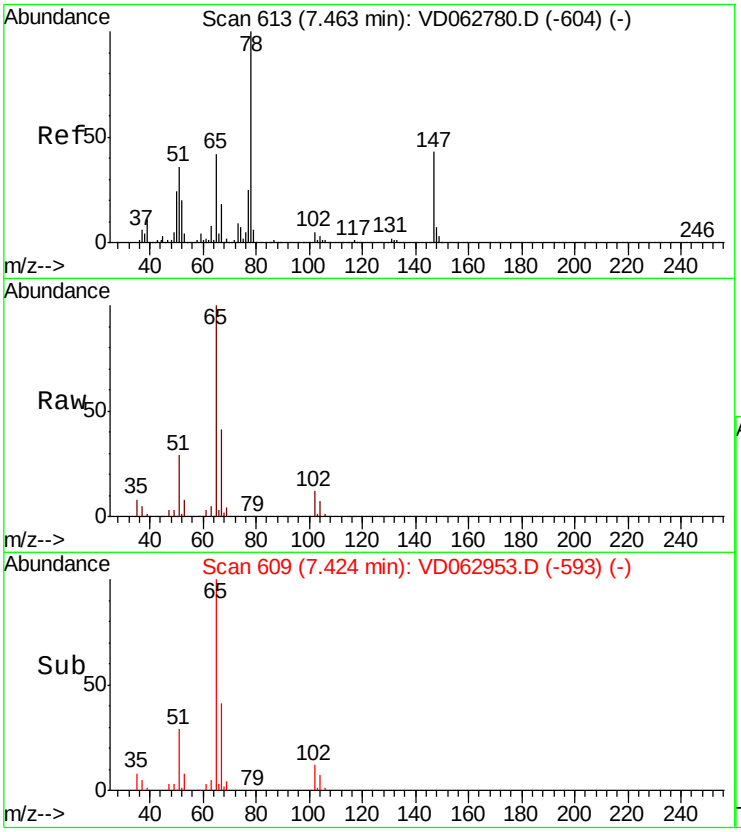


#31
Cyclohexane
Concen: 1.949 ug/l
RT: 7.01 min Scan# 567
Delta R.T. 0.05 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 56 Resp: 5844

Ion	Ratio	Lower	Upper
56	100		
69	210.9	26.6	39.8#
84	113.5	75.5	113.3#



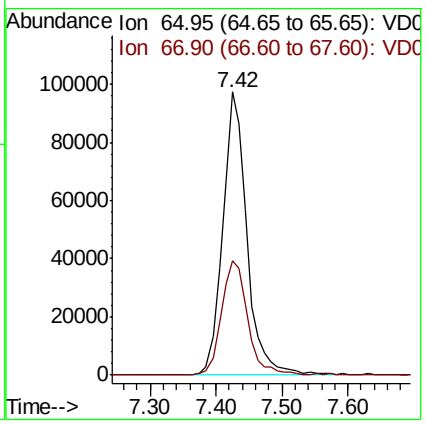


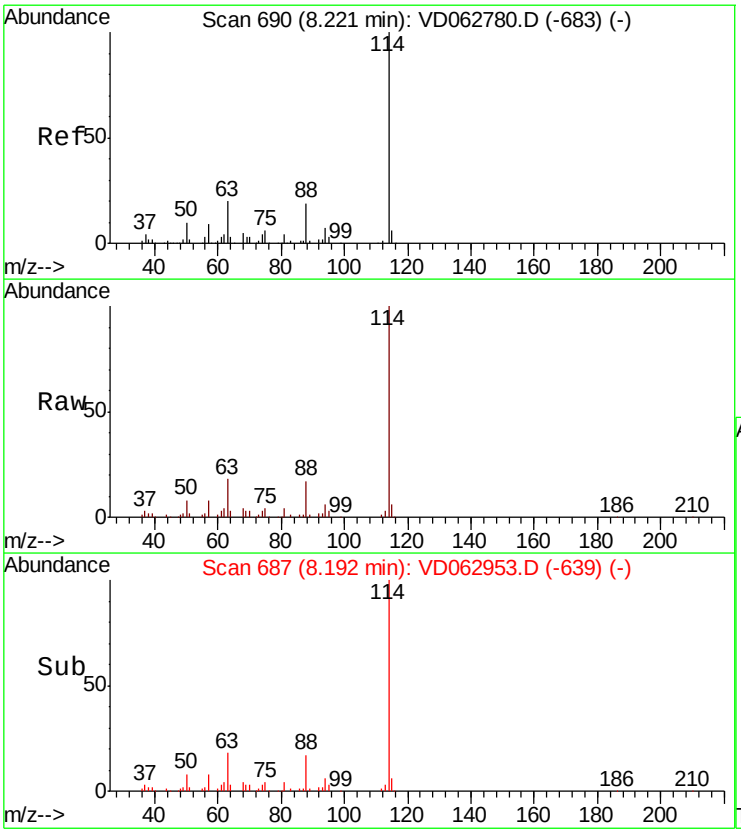
#33
1,2-Dichloroethane-d4
Concen: 78.118 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 249379

Ion	Ratio	Lower	Upper
65	100		
67	40.6	0.0	87.4

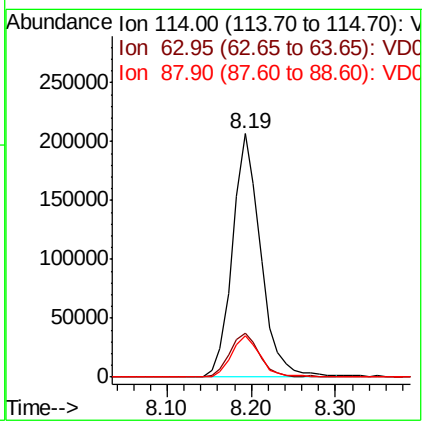


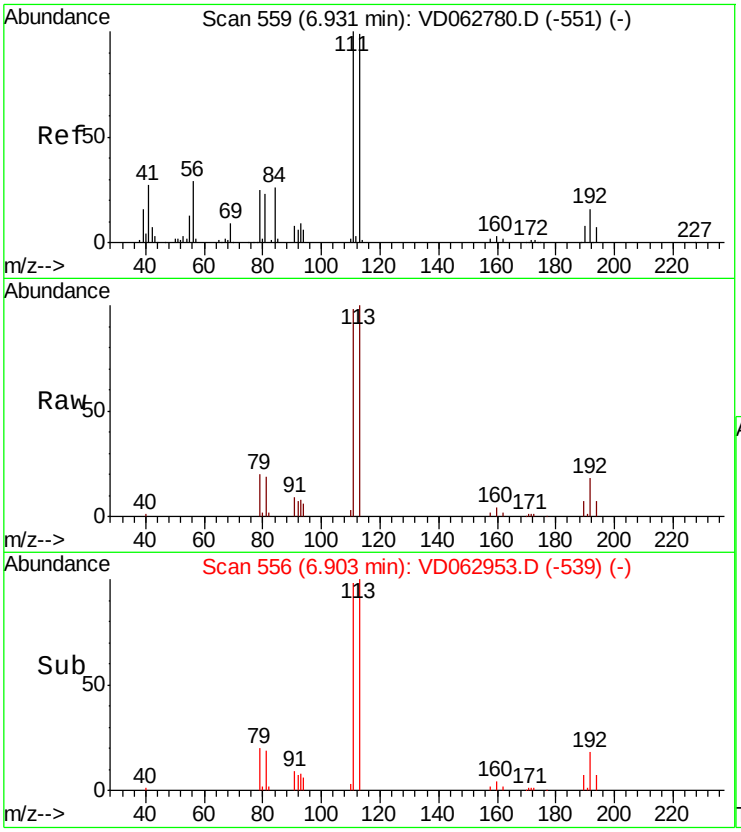


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion:114 Resp: 482734

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.0
88	16.8	0.0	38.8



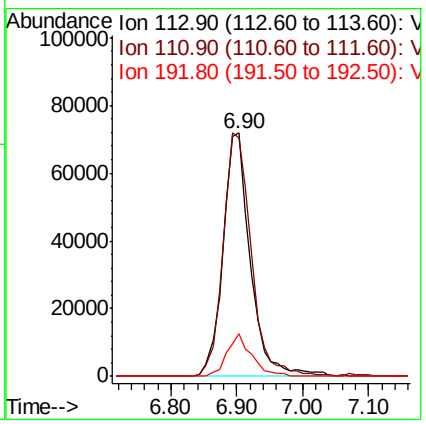


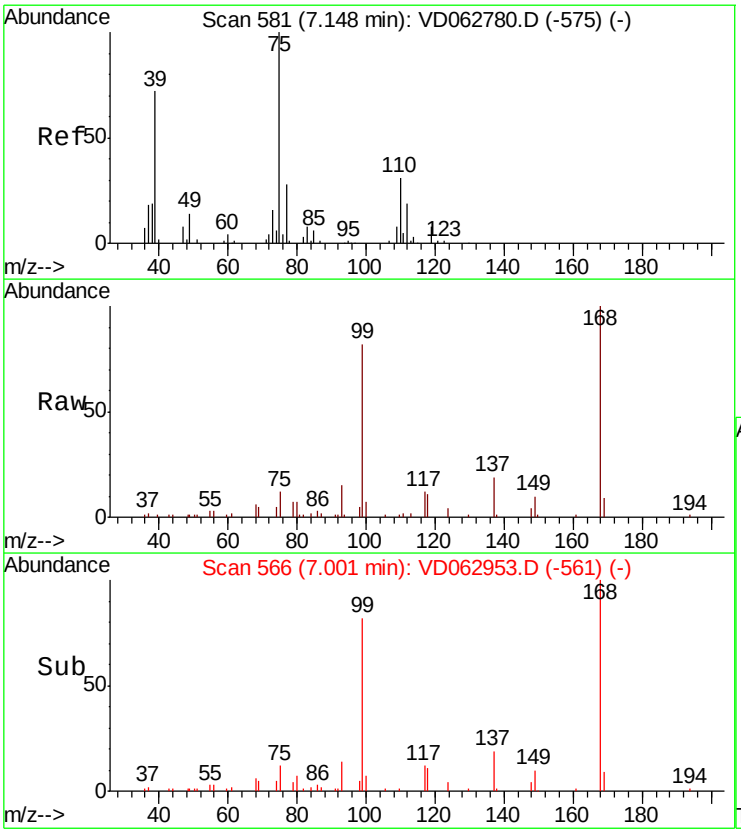
#35
Dibromofluoromethane
Concen: 51.238 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 208560

Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.2	121.8
192	17.7	12.9	19.3

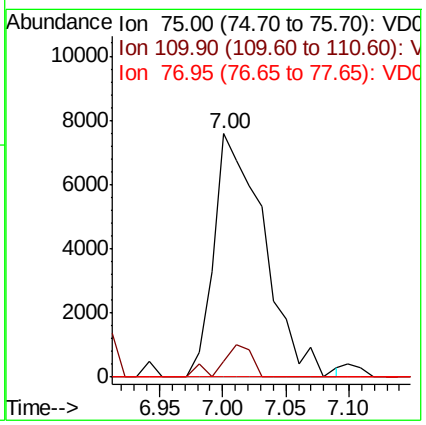


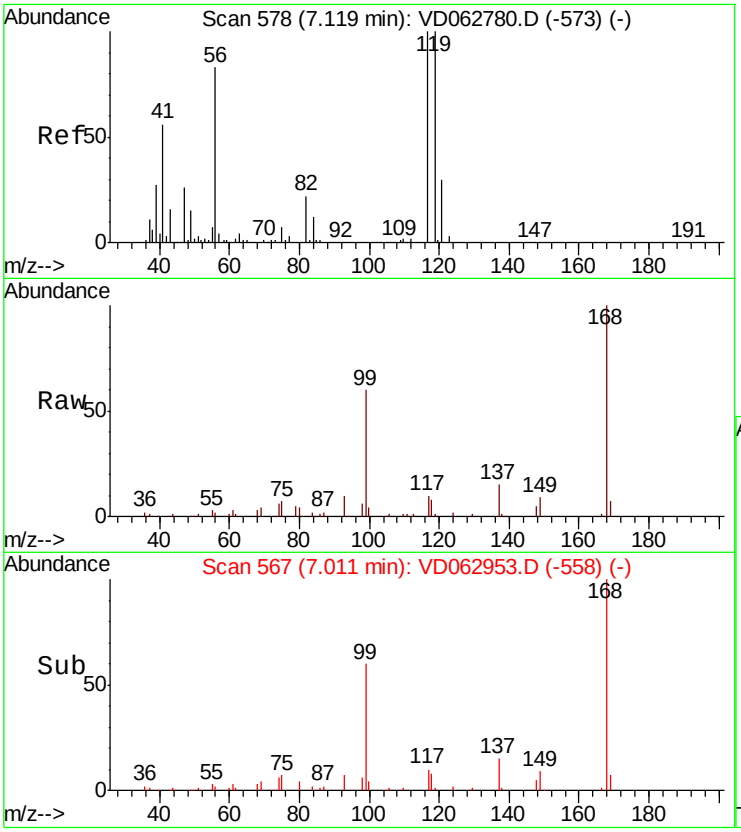


#36
1,1-Dichloropropene
Concen: 4.593 ug/l
RT: 7.00 min Scan# 566
Delta R.T. -0.15 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 75 Resp: 20990

Ion	Ratio	Lower	Upper
75	100		
110	6.3	15.0	45.1#
77	0.0	22.2	33.2#



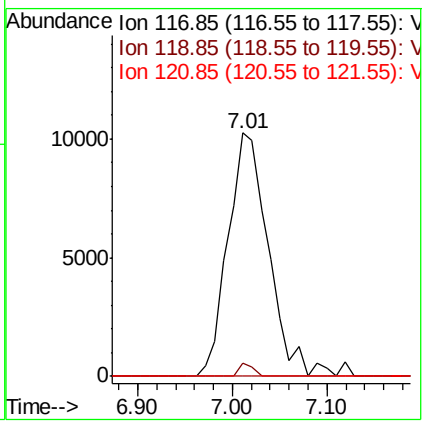


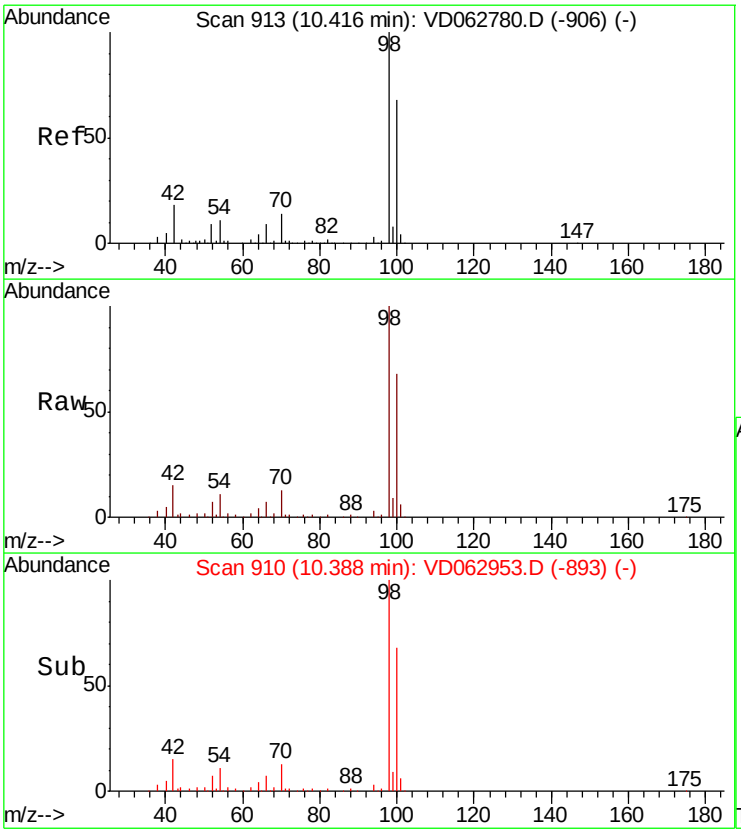
#38
Carbon Tetrachloride
Concen: 4.413 ug/l
RT: 7.01 min Scan# 567
Delta R.T. -0.11 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 30331

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.4	113.2#
121	0.0	22.3	33.5#

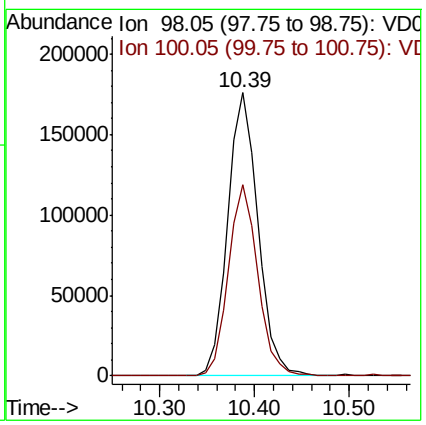


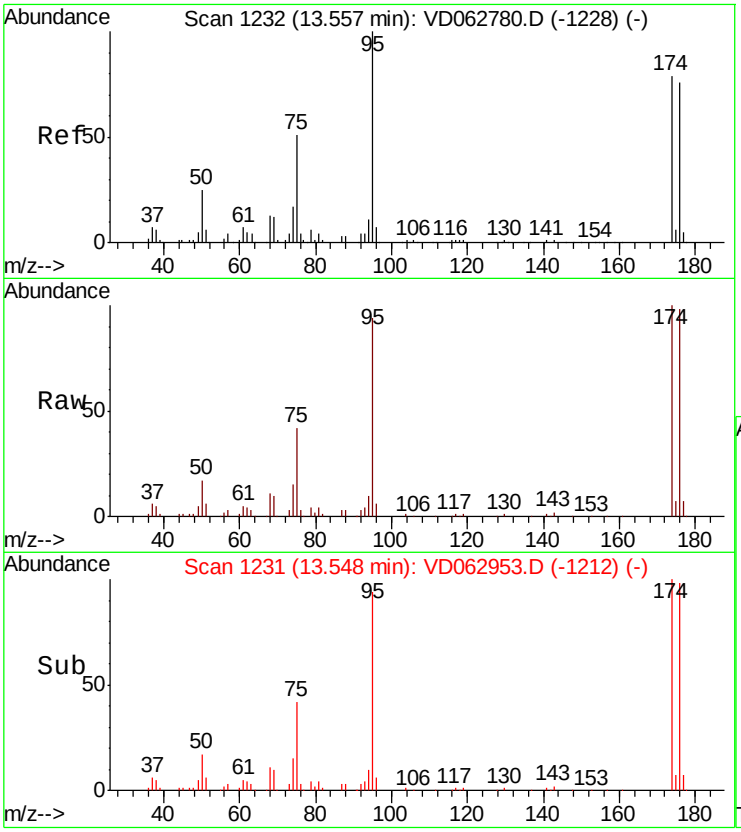


#50
Toluene-d8
Concen: 43.995 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 98 Resp: 389755

Ion	Ratio	Lower	Upper
98	100		
100	67.5	54.7	82.1



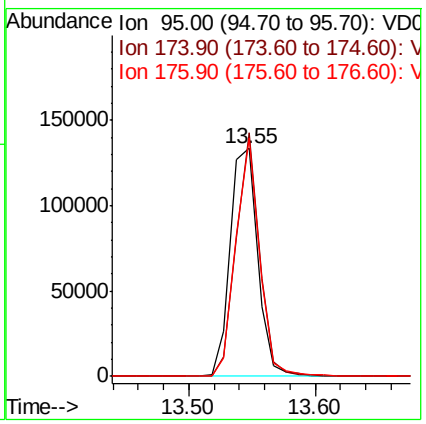


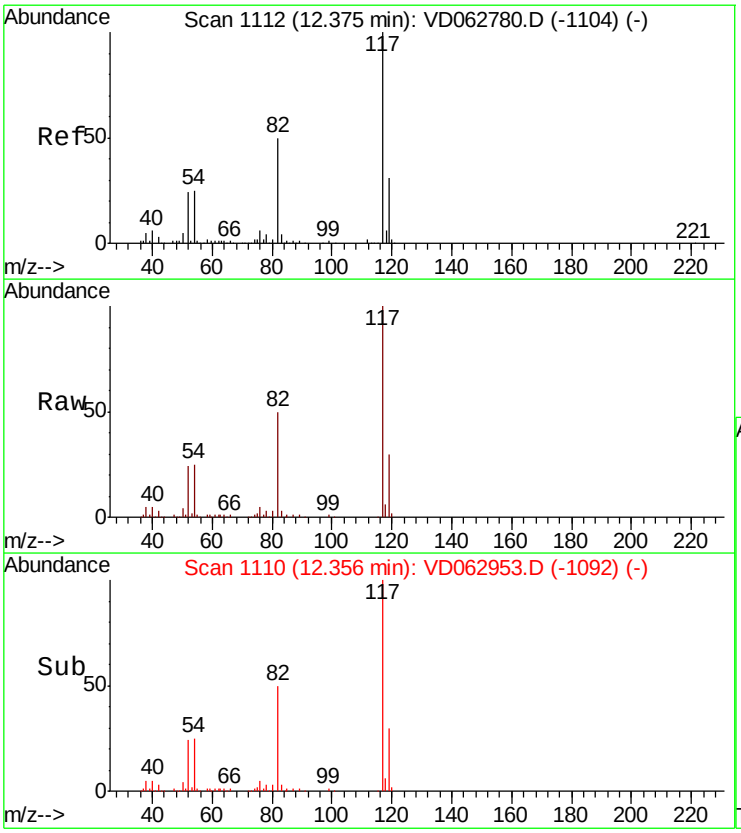
#62
4-Bromofluorobenzene
Concen: 49.827 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 200715

Ion	Ratio	Lower	Upper
95	100		
174	106.7	0.0	158.0
176	104.3	0.0	151.6

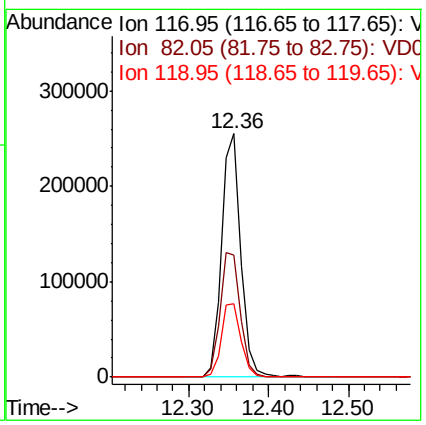


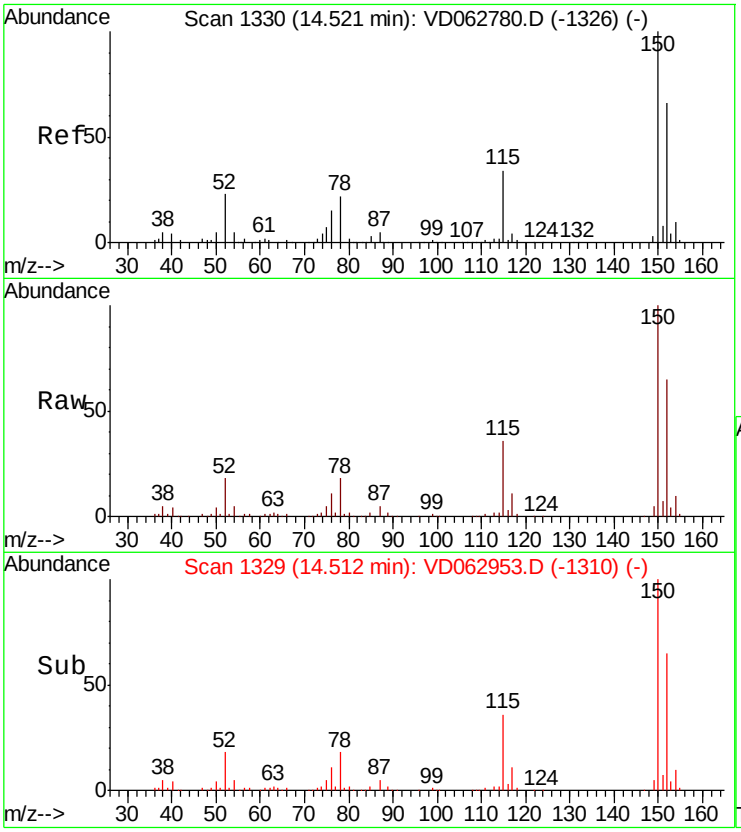


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion:117 Resp: 433002

Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.4	60.6
119	30.2	25.2	37.8



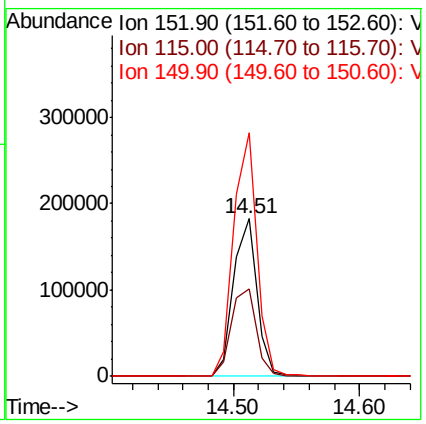


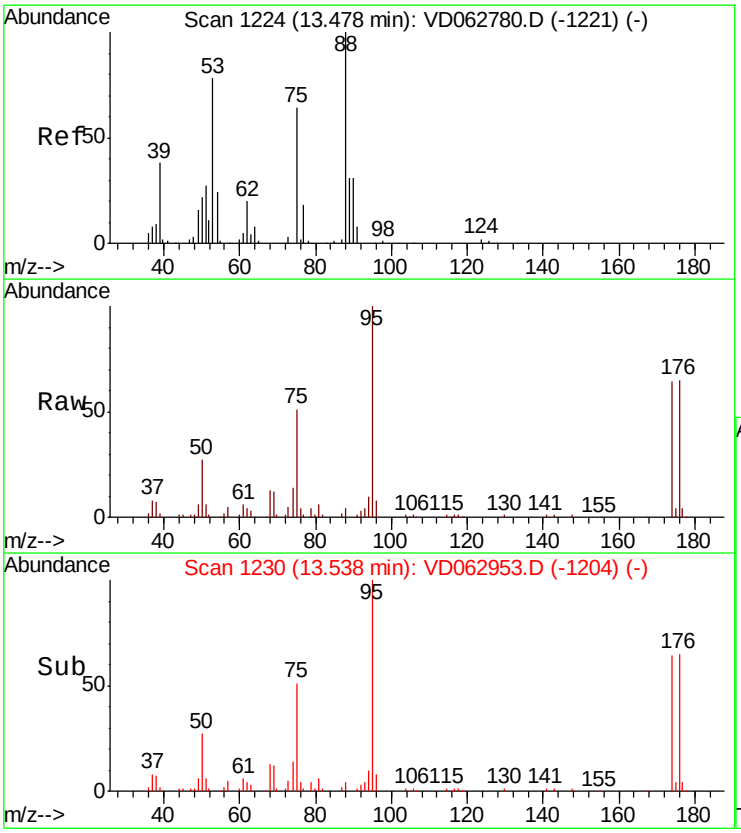
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 234366

Ion	Ratio	Lower	Upper
152	100		
115	55.8	29.2	87.6
150	154.6	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 138.028 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. 0.06 min
Lab File: VD062953.D
Acq: 28 Jun 2019 3:49

Tgt Ion: 75 Resp: 97875

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#