Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071719\
Data File : VD063138.D
Acq On : 17 Jul 2019 18:22
Operator : VA/AP
Sample : K3830-05
Misc : 6.15g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:58:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	711279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1001272	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	745488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	308850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	363365	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.02%			
35) Dibromofluoromethane	6.91	113	379689	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.14%			
50) Toluene-d8	10.41	98	765453	35.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.46%			
62) 4-Bromofluorobenzene	13.56	95	292492	29.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.52	85	207	Below Cal	#	43
3) Chloromethane	1.74	50	595	Below Cal	#	48
5) Bromomethane	2.12	94	1599	Below Cal	#	13
13) Acrolein	2.97	56	187	1.212	ug/l #	1
16) Acetone	3.22	43	2809	1.313	ug/l #	62
18) Methyl Acetate	3.62	43	255	Below Cal	#	63
20) Methylene Chloride	3.80	84	23857	2.951	ug/l #	80
31) Cyclohexane	7.03	56	15451	1.832	ug/l #	13
36) 1,1-Dichloropropene	7.04	75	56583	5.025	ug/l #	48
38) Carbon Tetrachloride	7.03	117	71630	4.186	ug/l #	13
51) 4-Methyl-2-Pentanone	10.40	43	4789	1.045	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	136573	109.161	ug/l #	1

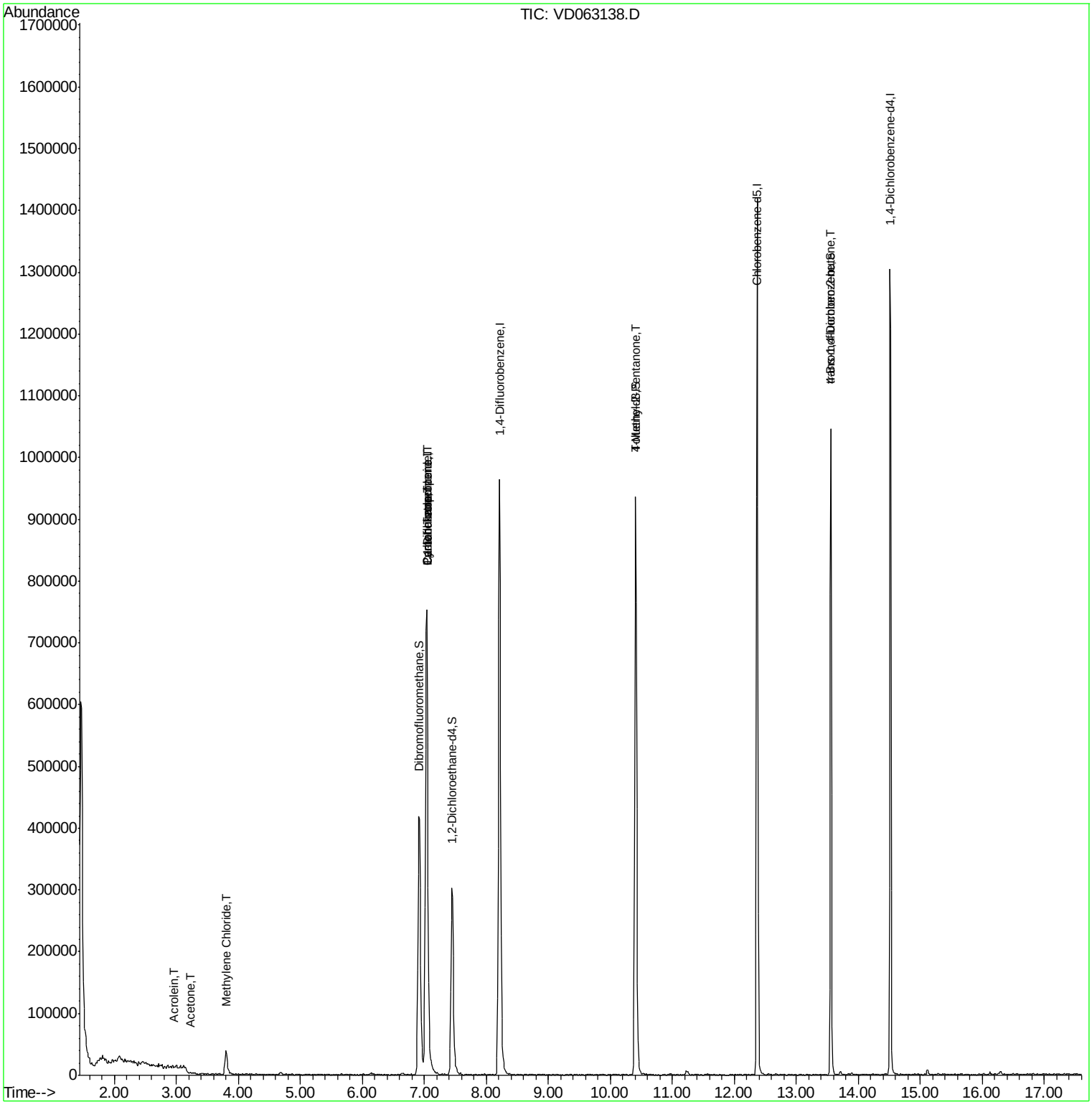
(#) = qualifier out of range (m) = manual integration (+) = signals summed

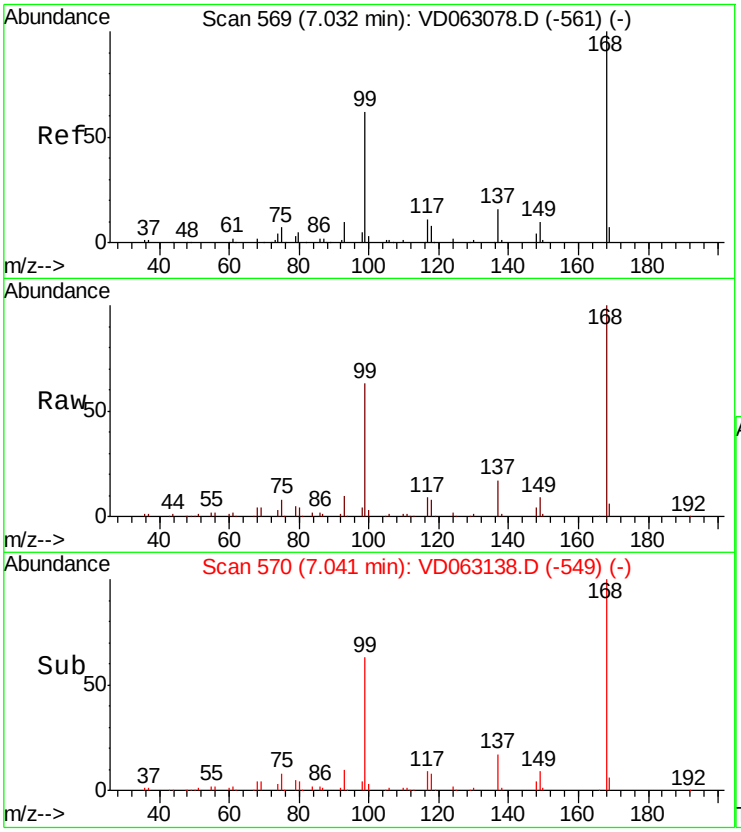
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
Data File : VD063138.D
Acq On : 17 Jul 2019 18:22
Operator : VA/AP
Sample : K3830-05
Misc : 6.15g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 18 06:58:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



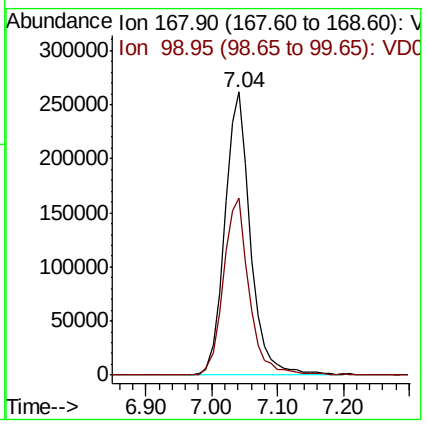


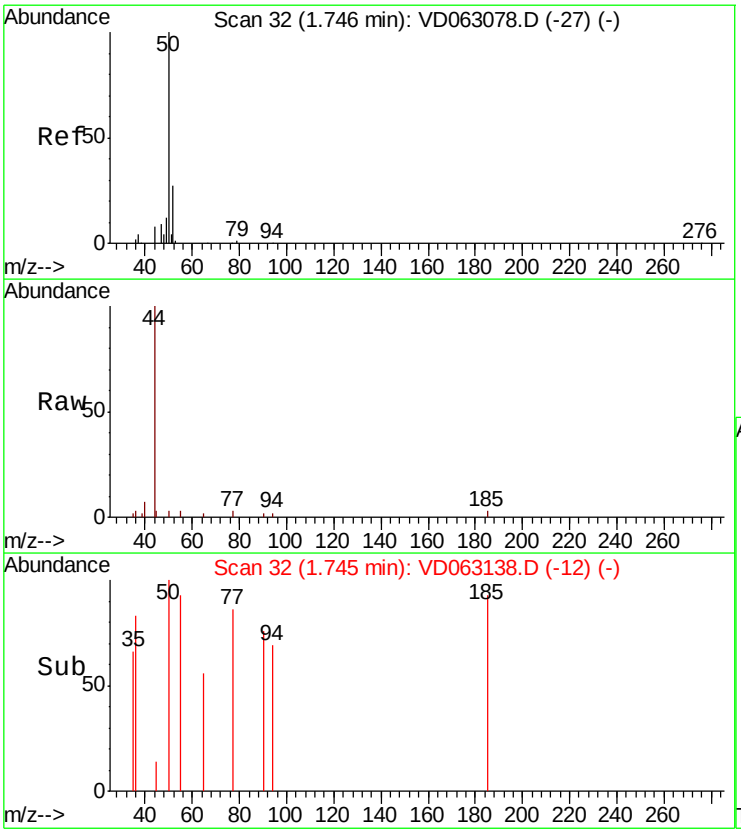
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 711279

Ion	Ratio	Lower	Upper
168	100		
99	62.5	50.8	76.2

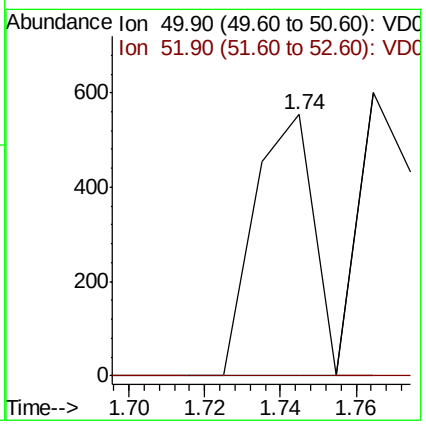


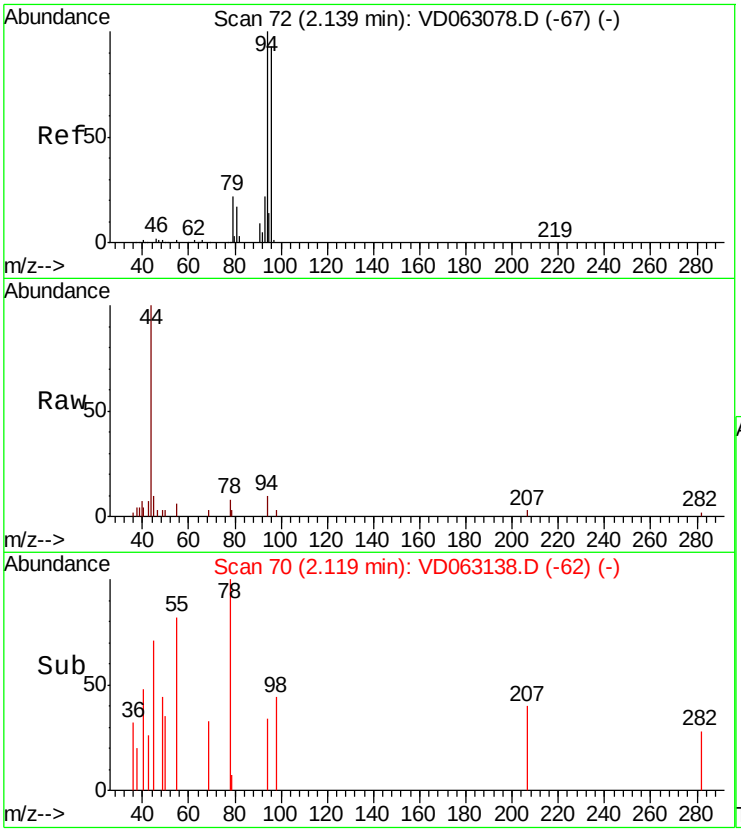


#3
Chloromethane
Concen: Below Cal
RT: 1.74 min Scan# 32
Delta R.T. -0.00 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 50 Resp: 595

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



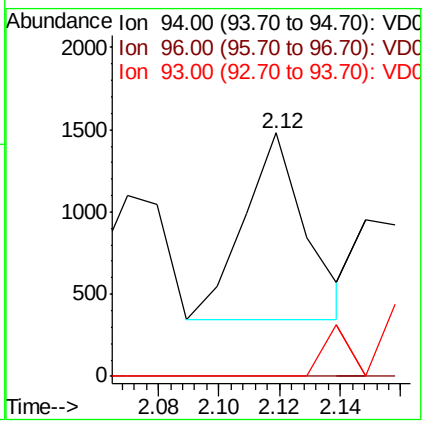


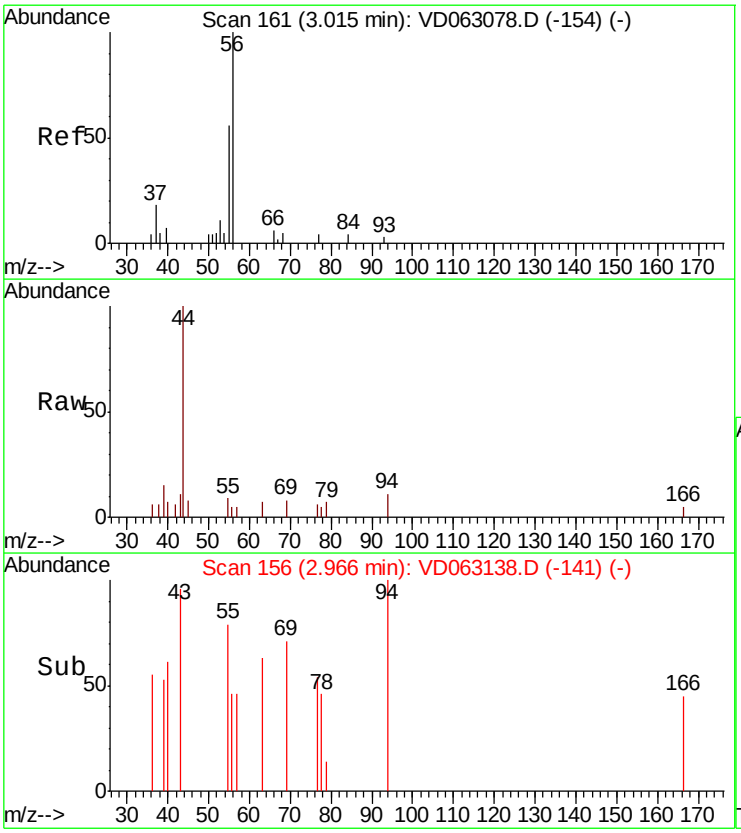
#5
Bromomethane
Concen: Below Cal
RT: 2.12 min Scan# 70
Delta R.T. -0.02 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 1599

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	0.0	17.8	26.6#

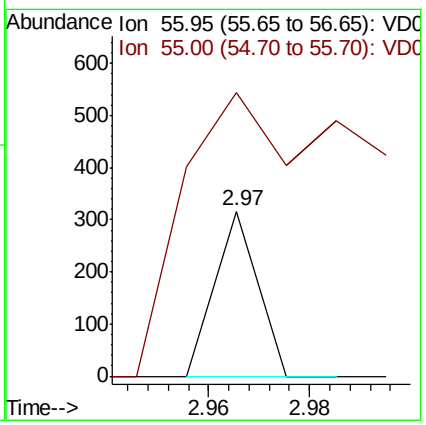


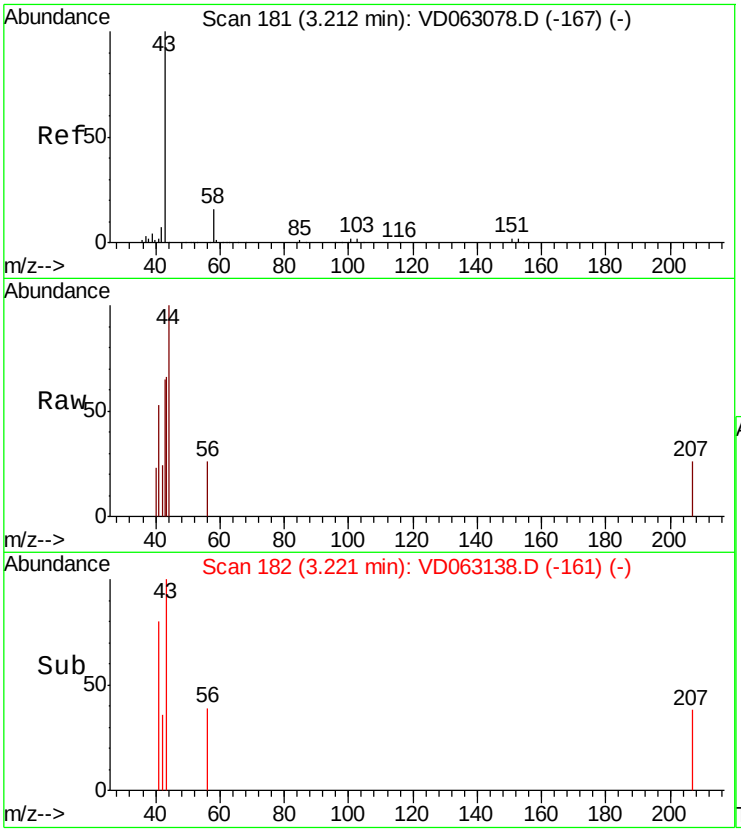


#13
Acrolein
Concen: 1.212 ug/l
RT: 2.97 min Scan# 156
Delta R.T. -0.05 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 56 Resp: 187

Ion	Ratio	Lower	Upper
56	100		
55	171.8	53.0	79.4#



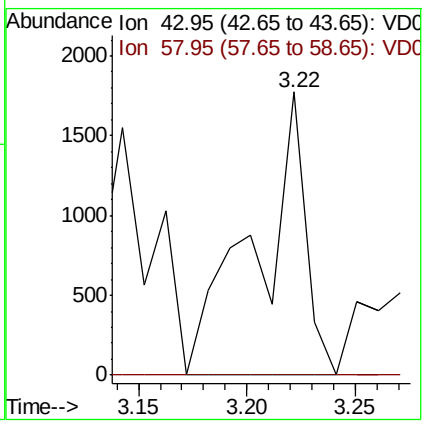


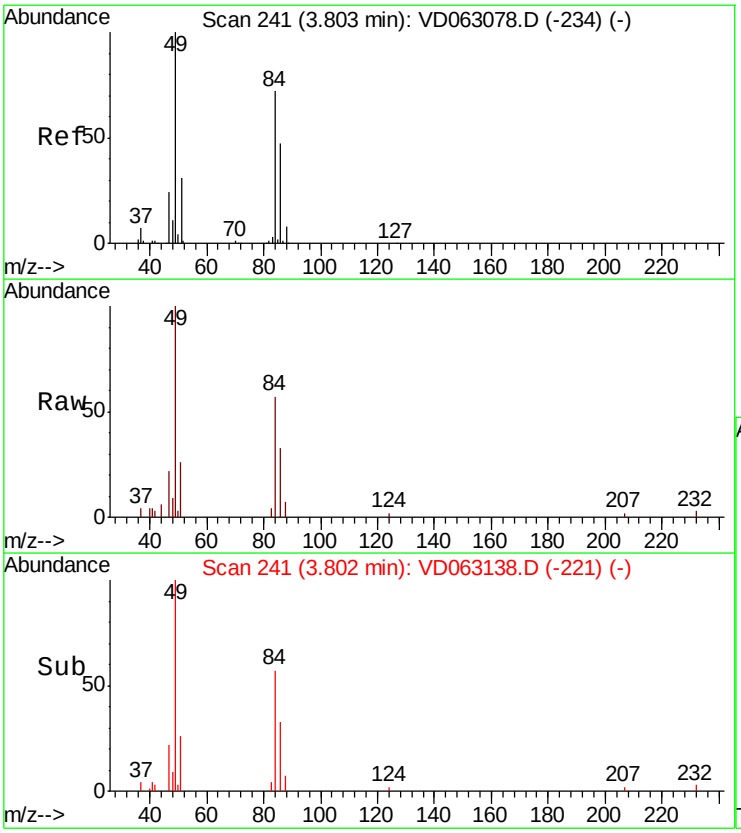
#16
Acetone
Concen: 1.313 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2809

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

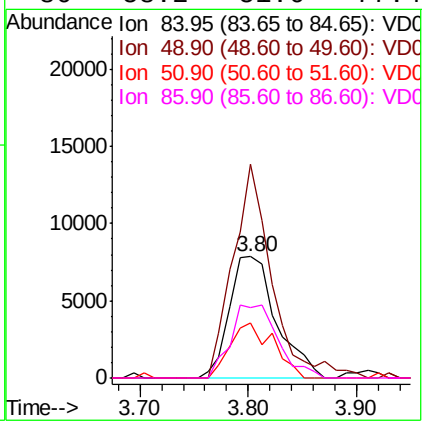


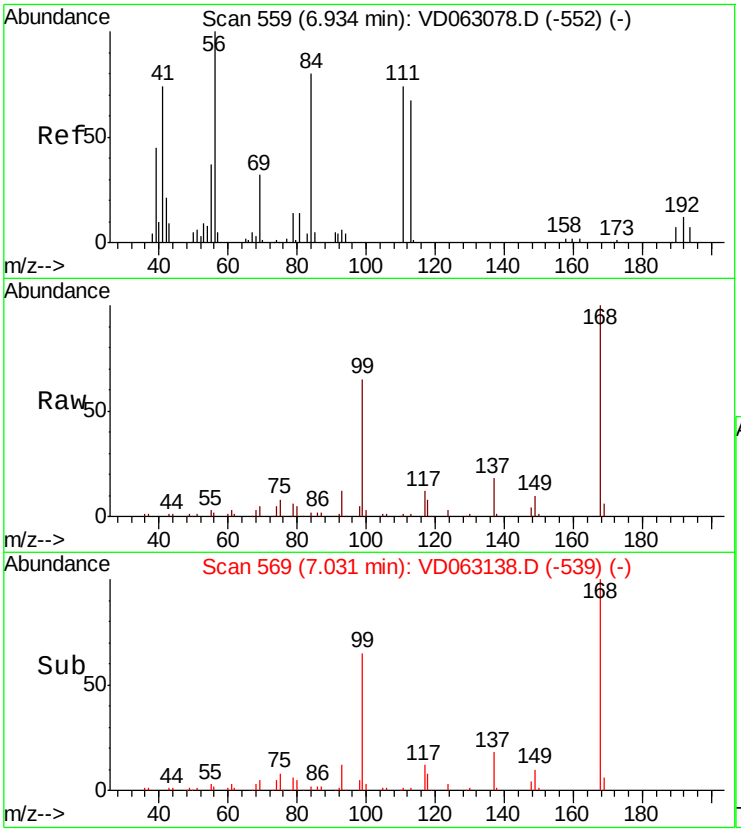


#20
Methylene Chloride
Concen: 2.951 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 84 Resp: 23857

Ion	Ratio	Lower	Upper
84	100		
49	175.8	110.5	165.7#
51	45.4	34.6	51.8
86	58.2	51.6	77.4



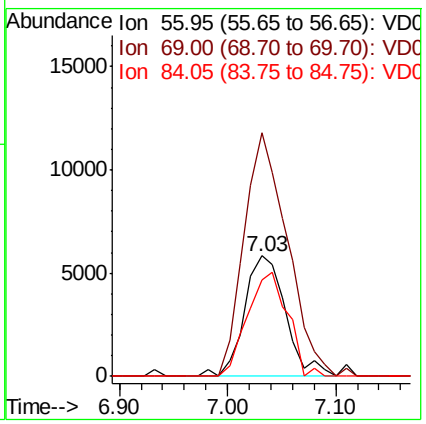


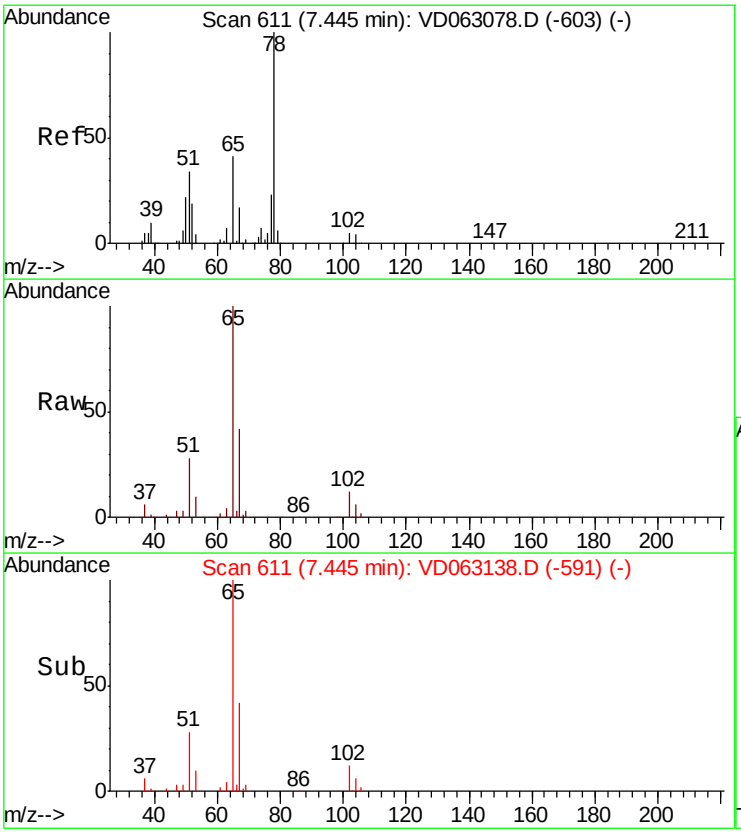
#31
Cyclohexane
Concen: 1.832 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.10 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 15451

Ion	Ratio	Lower	Upper
56	100		
69	202.6	25.3	37.9#
84	80.4	64.2	96.4

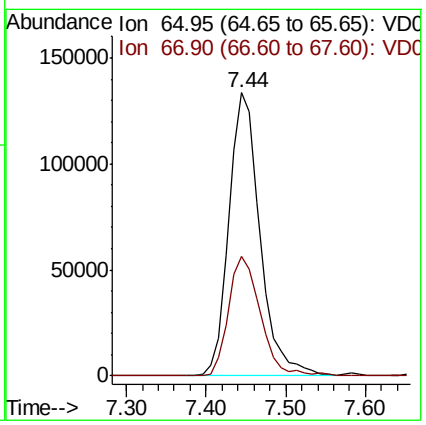


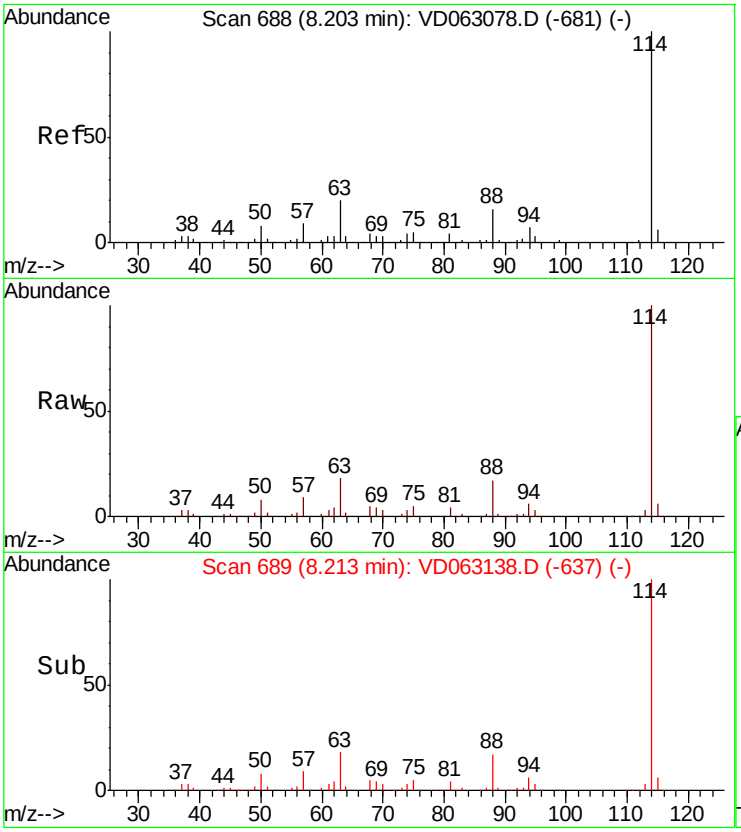


#33
1,2-Dichloroethane-d4
Concen: 41.010 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 65 Resp: 363365

Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	86.0



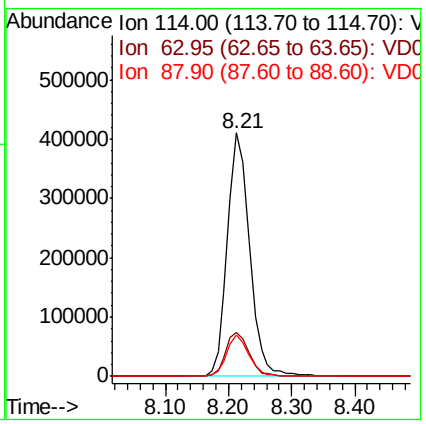


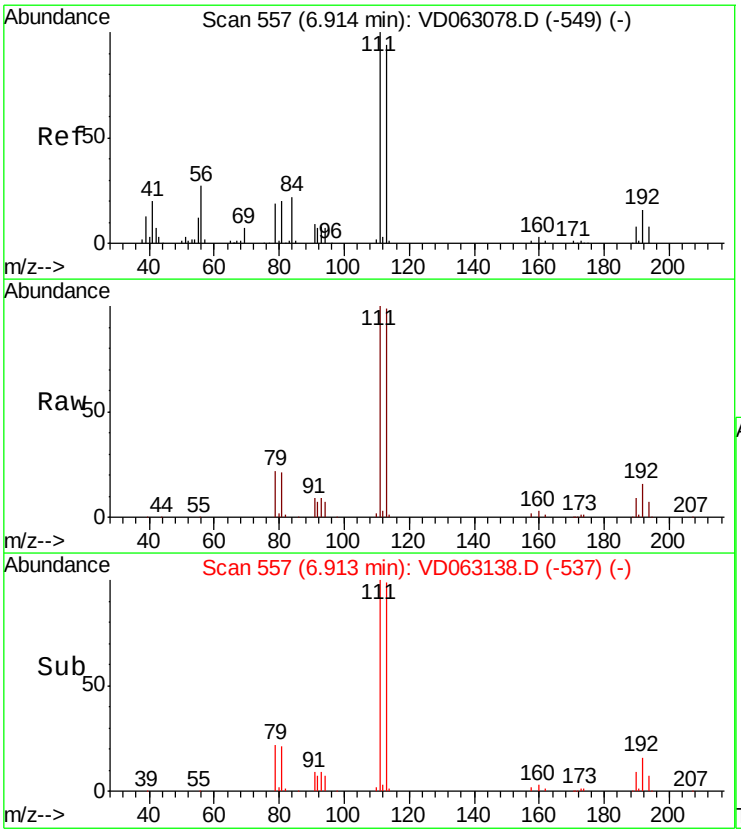
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1001272

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.6
88	17.1	0.0	32.6

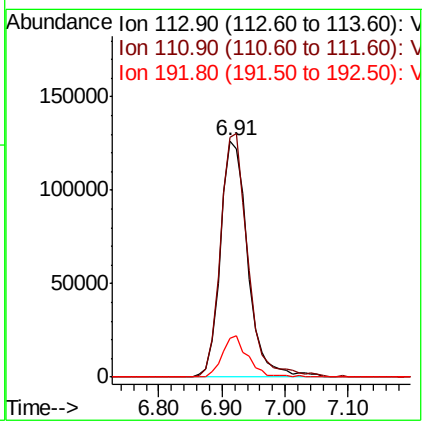


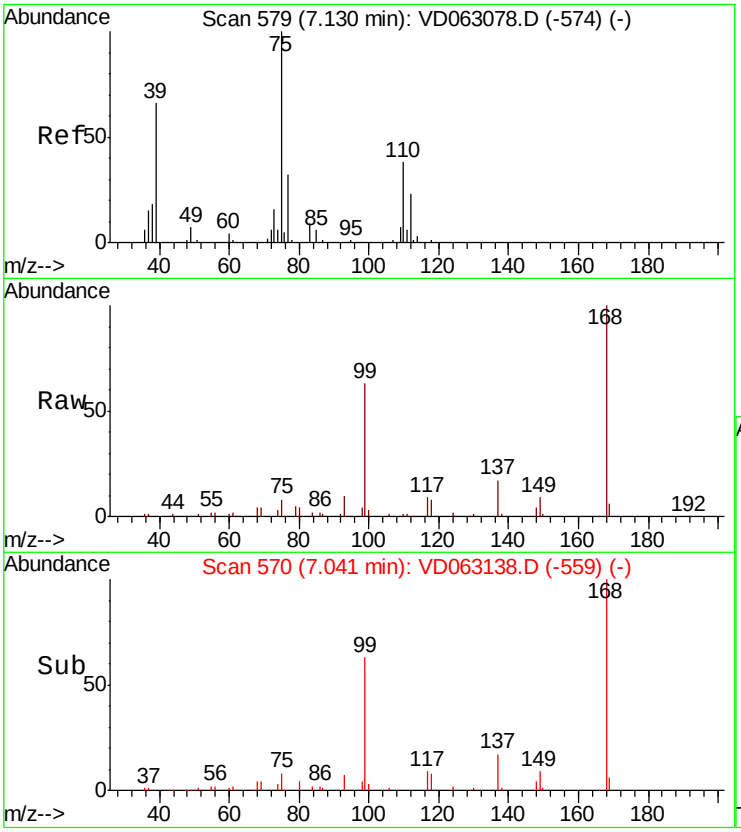


#35
Dibromofluoromethane
Concen: 38.072 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.00 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion:113 Resp: 379689

Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.8	127.2
192	16.4	13.4	20.0



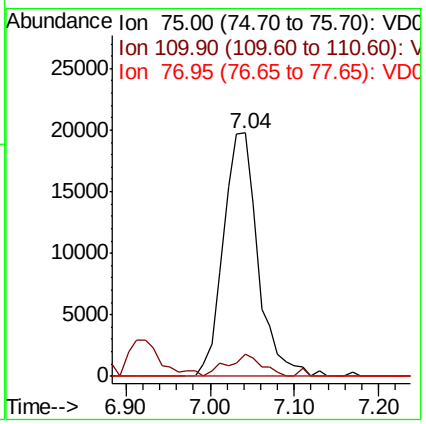


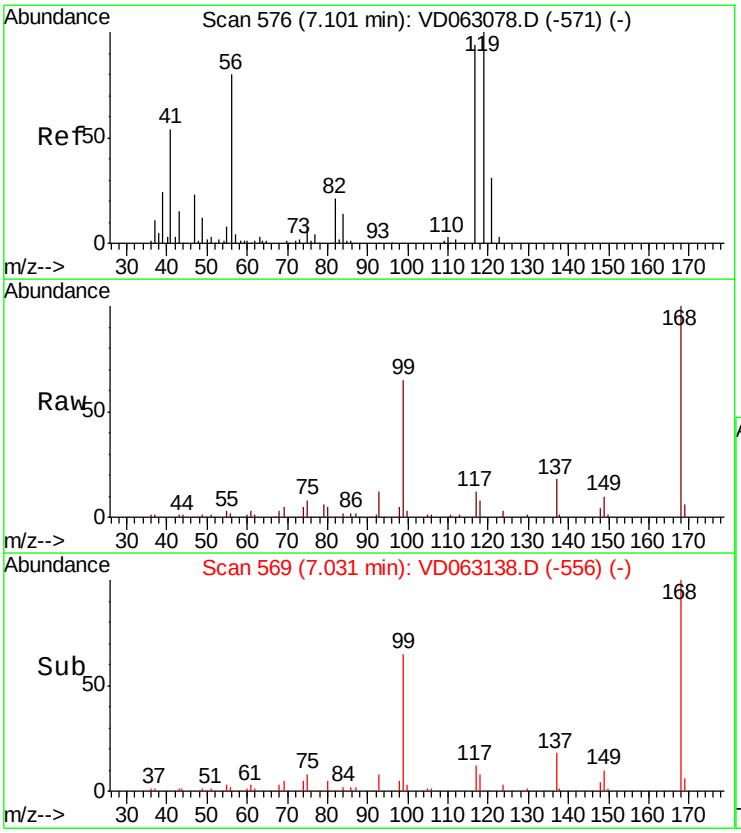
#36
1,1-Dichloropropene
Concen: 5.025 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 56583

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.9	56.5#
77	0.0	25.2	37.8#

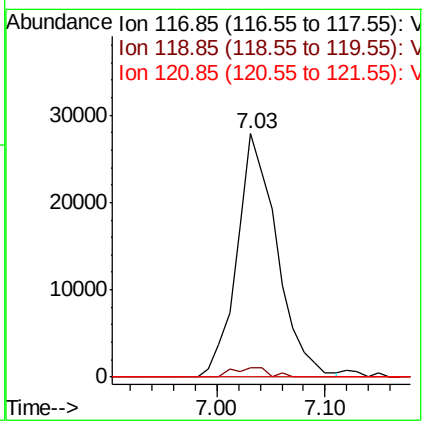


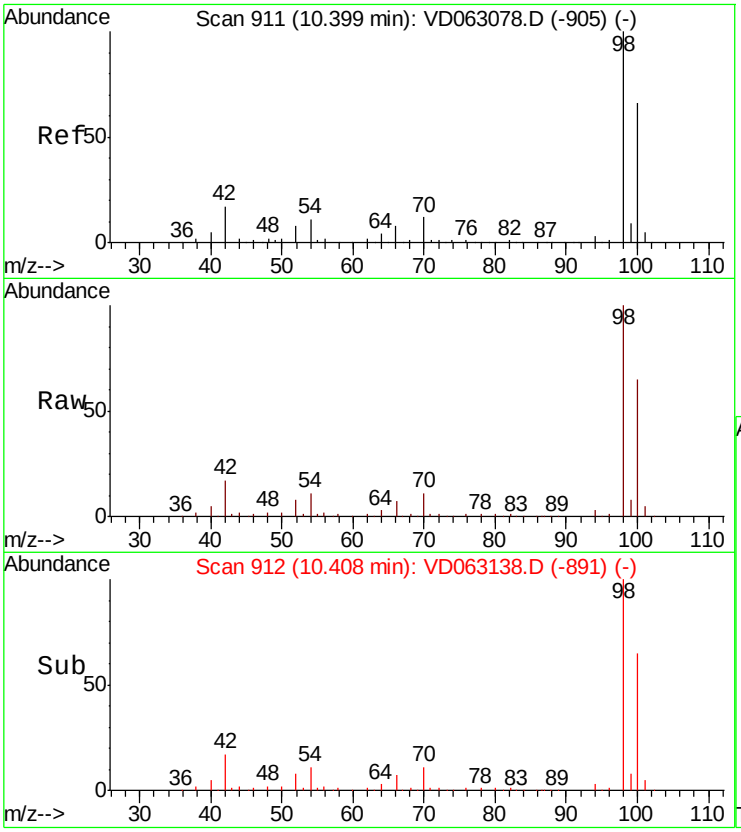


#38
Carbon Tetrachloride
Concen: 4.186 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.07 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion:117 Resp: 71630

Ion	Ratio	Lower	Upper
117	100		
119	3.7	80.0	120.0#
121	0.0	25.0	37.4#



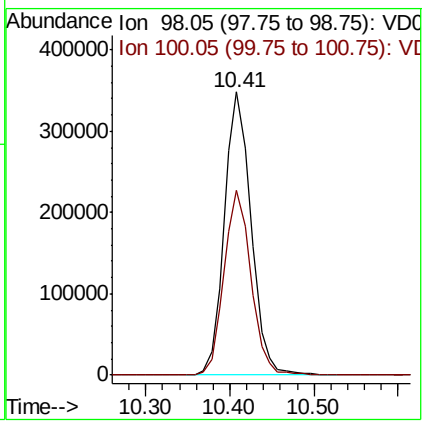


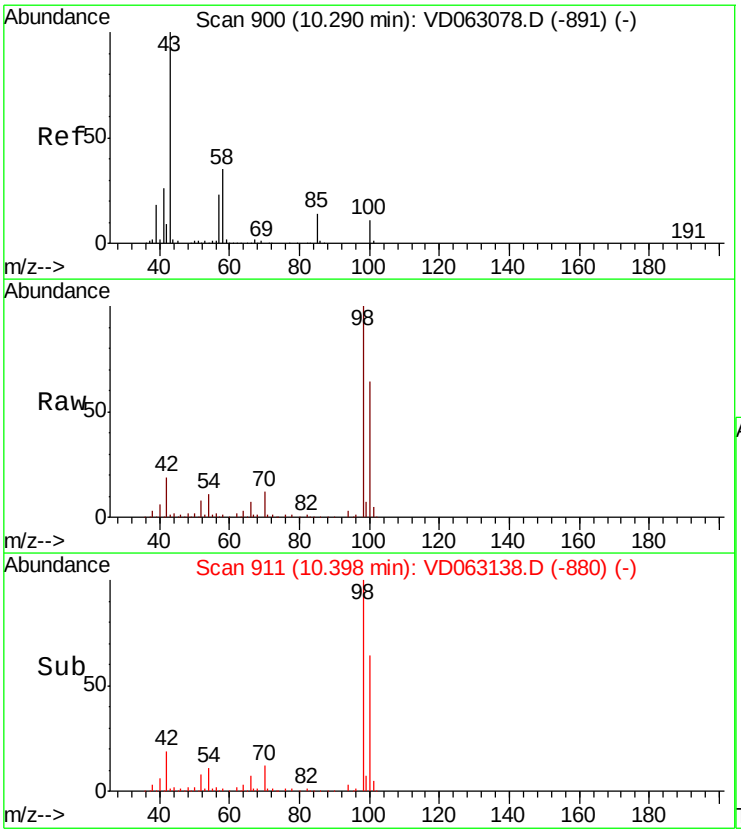
#50
Toluene-d8
Concen: 35.732 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 765453

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3

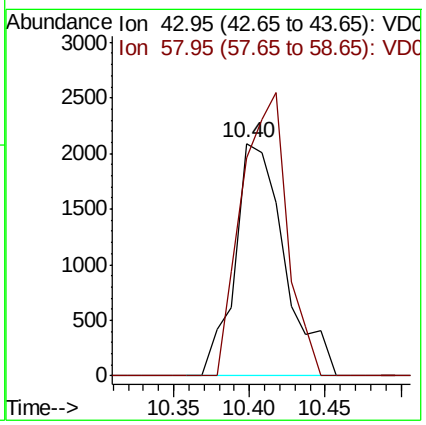


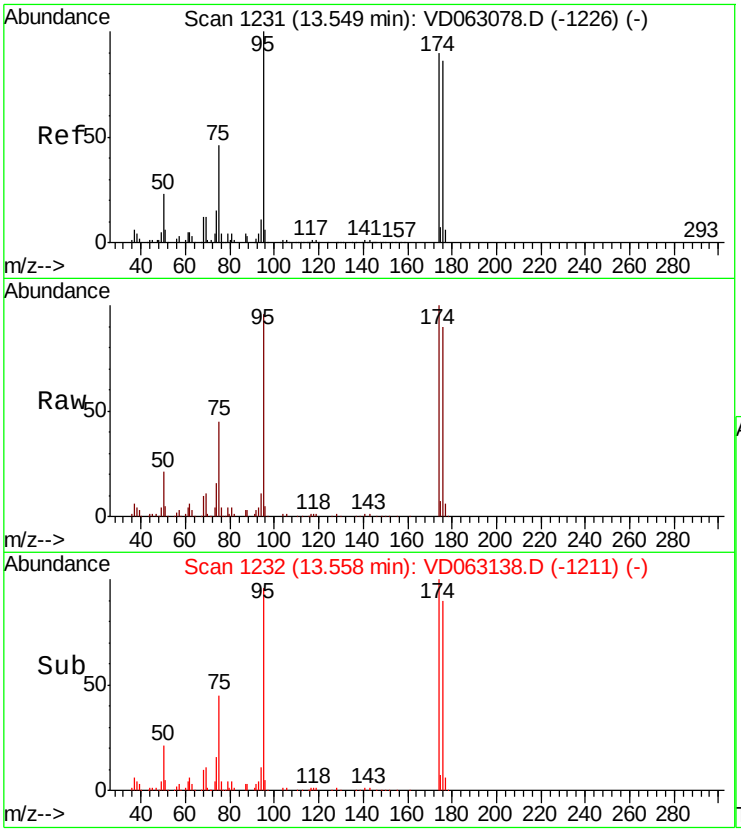


#51
4-Methyl-2-Pentanone
Concen: 1.045 ug/l
RT: 10.40 min Scan# 911
Delta R.T. 0.11 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 43 Resp: 4789

Ion	Ratio	Lower	Upper
43	100		
58	93.8	27.8	41.6#



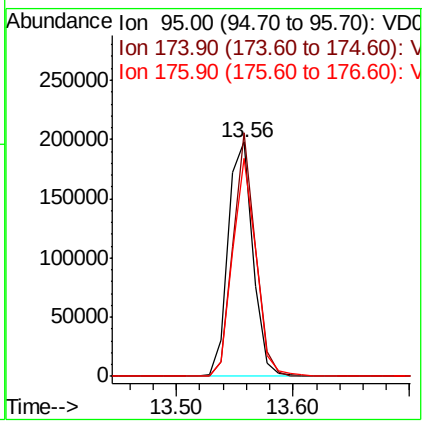


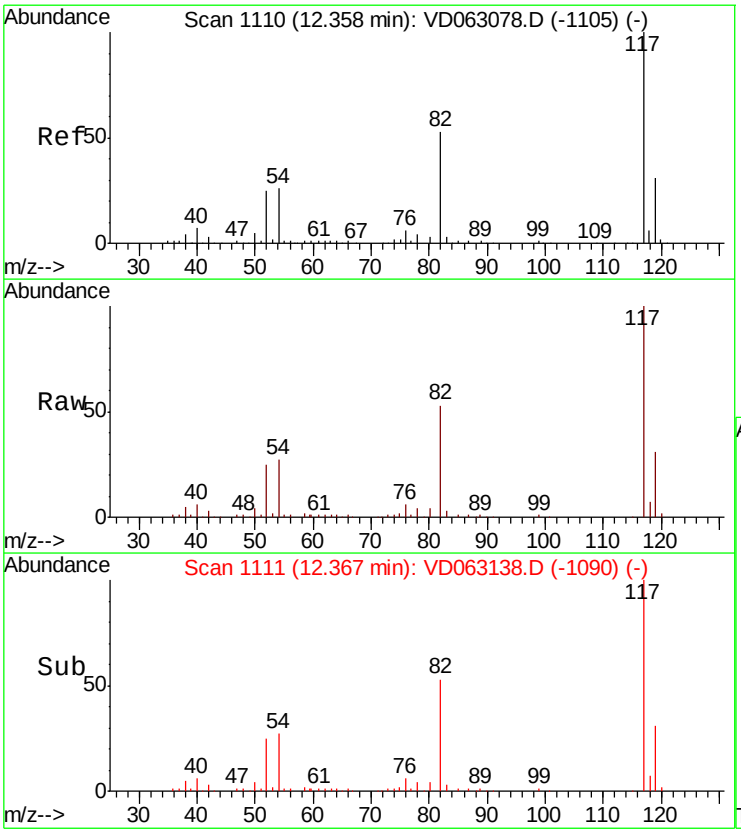
#62
4-Bromofluorobenzene
Concen: 29.513 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 292492

Ion	Ratio	Lower	Upper
95	100		
174	104.0	0.0	180.6
176	93.2	0.0	172.2

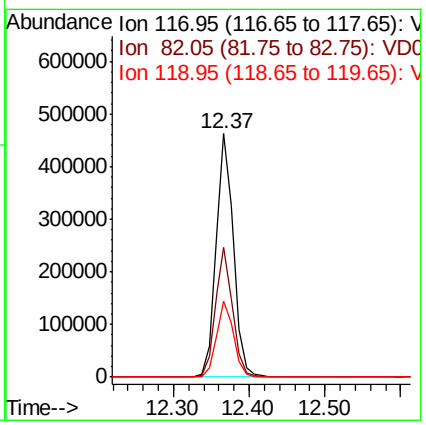


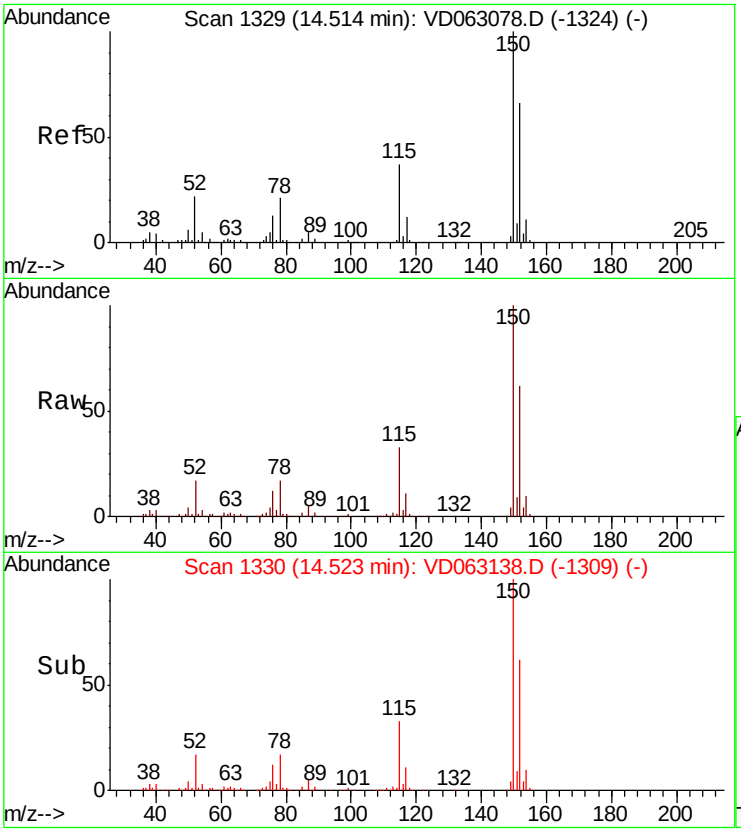


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion:117 Resp: 745488

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.3	63.5
119	31.0	25.2	37.8



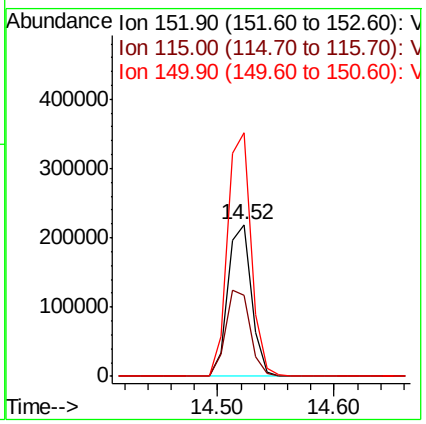


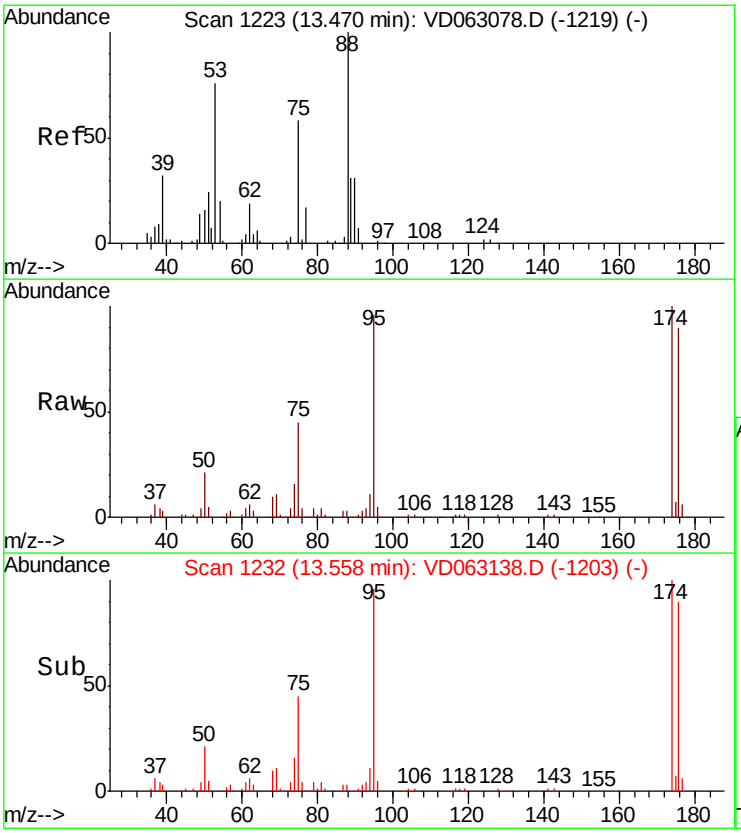
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 308850

Ion	Ratio	Lower	Upper
152	100		
115	53.3	28.9	86.8
150	160.7	0.0	313.8





#81
trans-1,4-Dichloro-2-butene
Concen: 109.161 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063138.D
Acq: 17 Jul 2019 18:22

Tgt Ion: 75 Resp: 136573

Ion	Ratio	Lower	Upper
75	100		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#