Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063542.D
Acq On : 13 Aug 2019 22:04
Operator : JC/SY
Sample : K4290-01
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:31:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	718495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	972548	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	550315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	130496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	380879	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
35) Dibromofluoromethane	6.93	113	436358	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.54%			
50) Toluene-d8	10.41	98	721661	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.14%			
62) 4-Bromofluorobenzene	13.56	95	151430	18.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 37.10%			
Target Compounds						Qvalue
5) Bromomethane	2.14	94	5184	1.630	ug/l #	11
8) Diethyl Ether	2.88	74	2284	1.223	ug/l	87
13) Acrolein	2.98	56	431	1.310	ug/l #	54
16) Acetone	3.23	43	4124	2.642	ug/l #	65
20) Methylene Chloride	3.83	84	37073	5.492	ug/l	93
31) Cyclohexane	7.05	56	15789	2.277	ug/l #	20
36) 1,1-Dichloropropene	7.05	75	55111	6.410	ug/l #	49
38) Carbon Tetrachloride	7.05	117	65213	5.033	ug/l #	15
49) 1,4-Dioxane	8.86	88	179	30.714	ug/l #	34
51) 4-Methyl-2-Pentanone	10.40	43	5928	1.795	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	69229	171.984	ug/l #	1

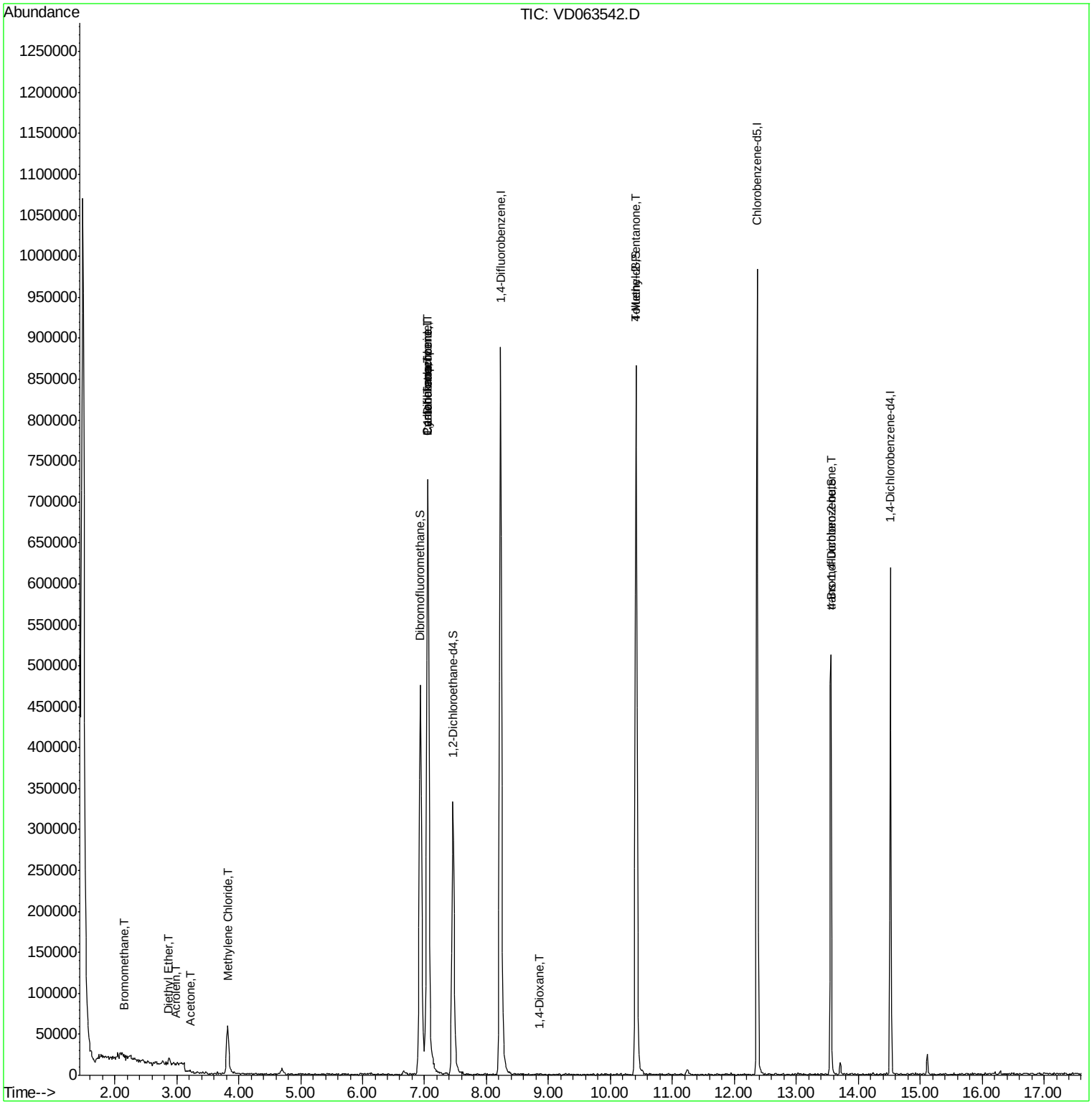
(#) = qualifier out of range (m) = manual integration (+) = signals summed

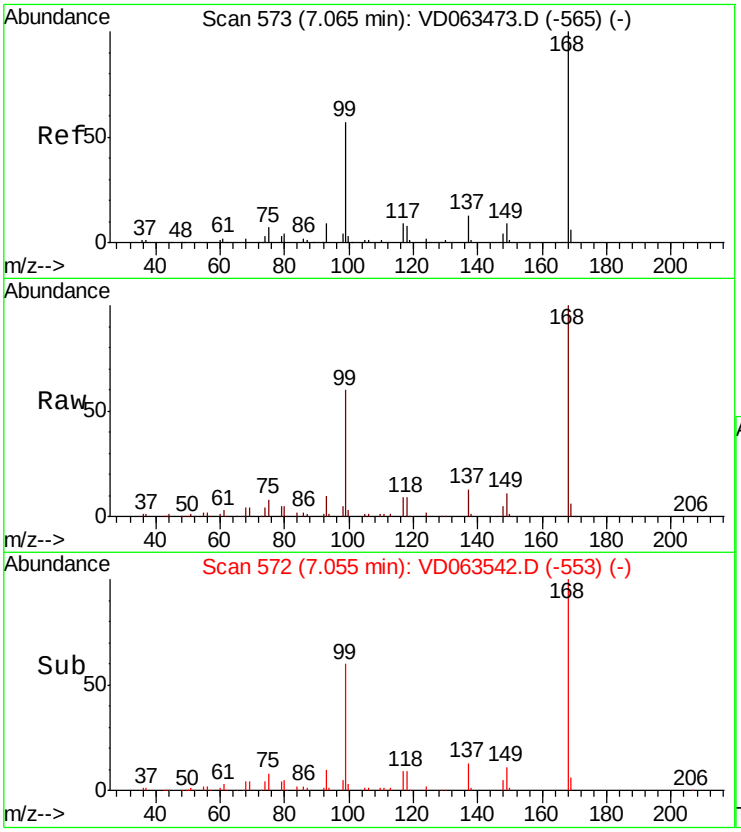
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
Data File : VD063542.D
Acq On : 13 Aug 2019 22:04
Operator : JC/SY
Sample : K4290-01
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:31:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



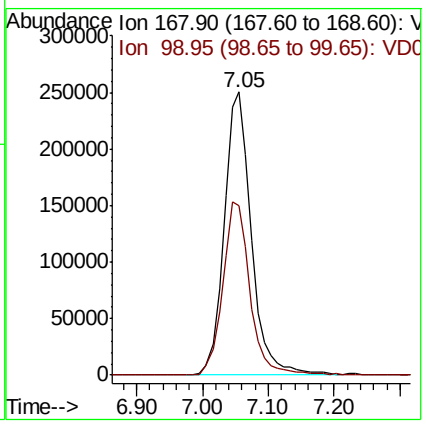


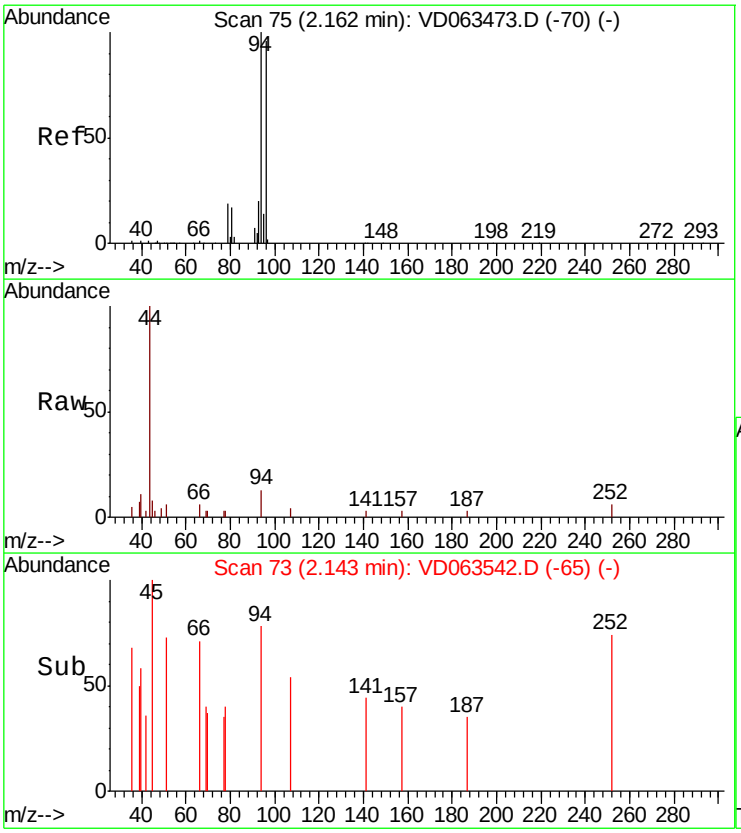
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 718495

Ion	Ratio	Lower	Upper
168	100		
99	60.0	46.7	70.1

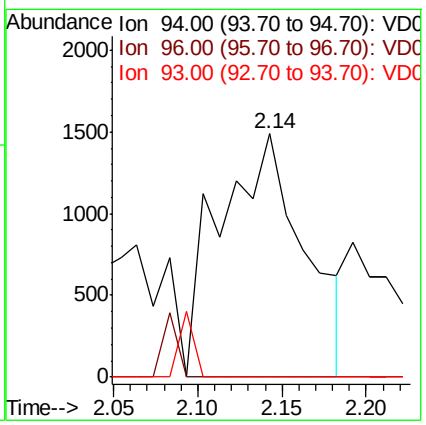


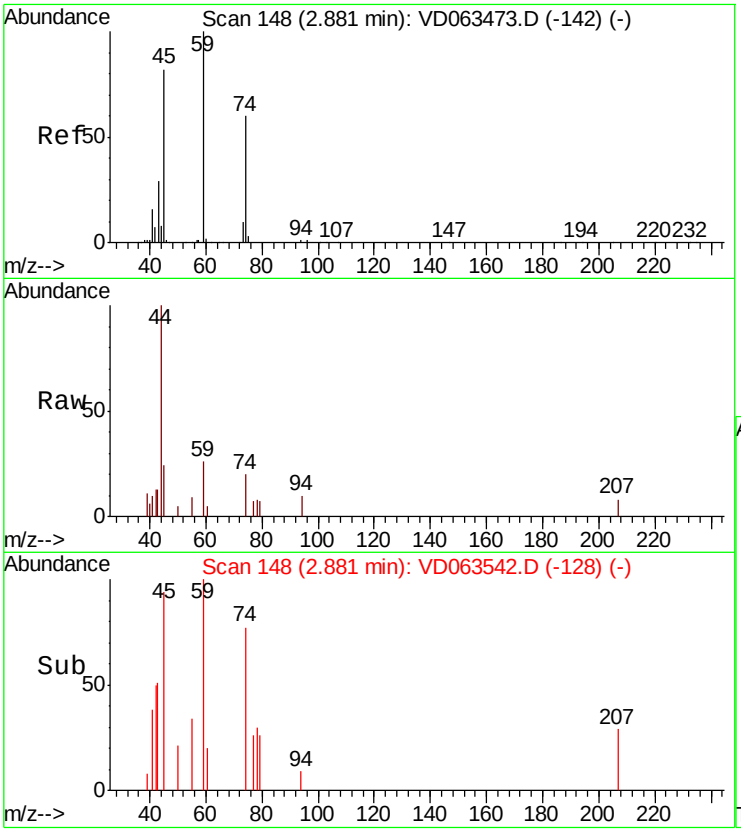


#5
Bromomethane
Concen: 1.630 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.02 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 94 Resp: 5184

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.5	114.7#
93	0.0	15.8	23.8#



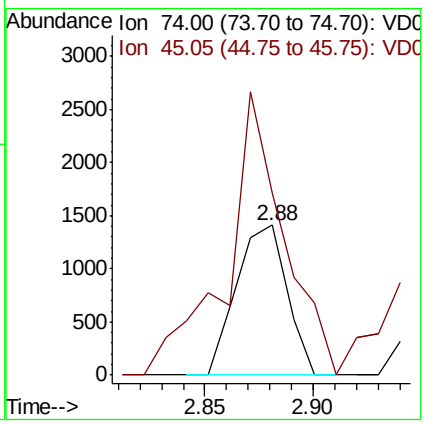


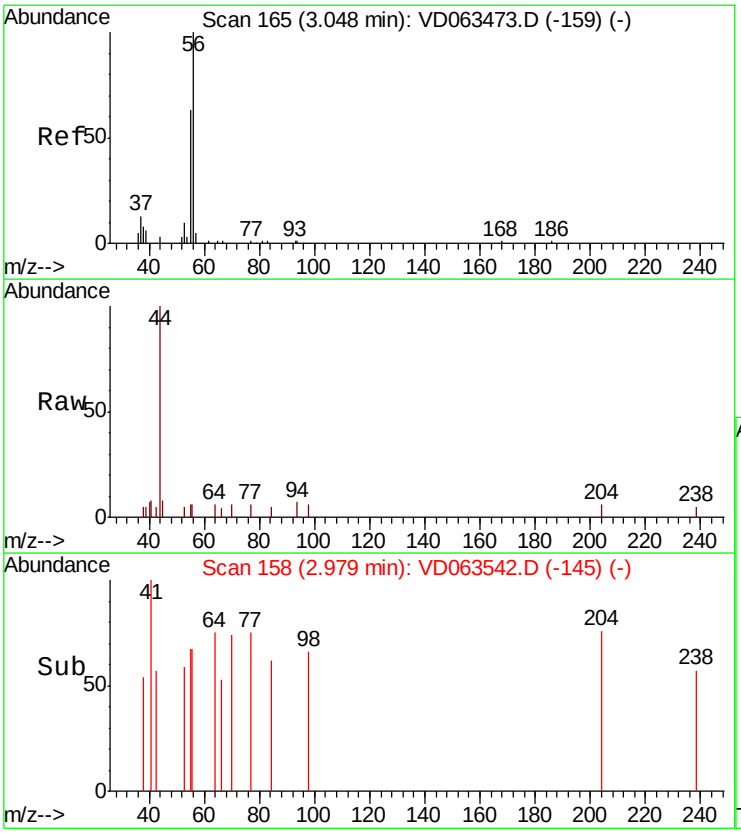
#8
Diethyl Ether
Concen: 1.223 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 2284

Ion	Ratio	Lower	Upper
74	100		
45	121.9	68.5	205.5

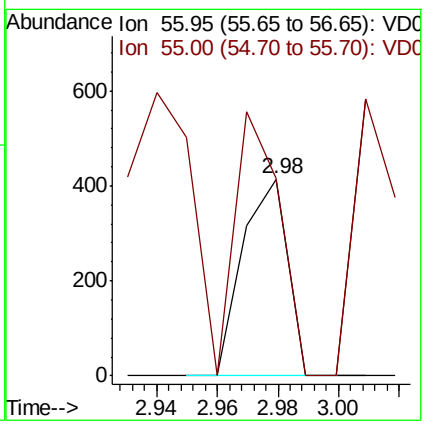


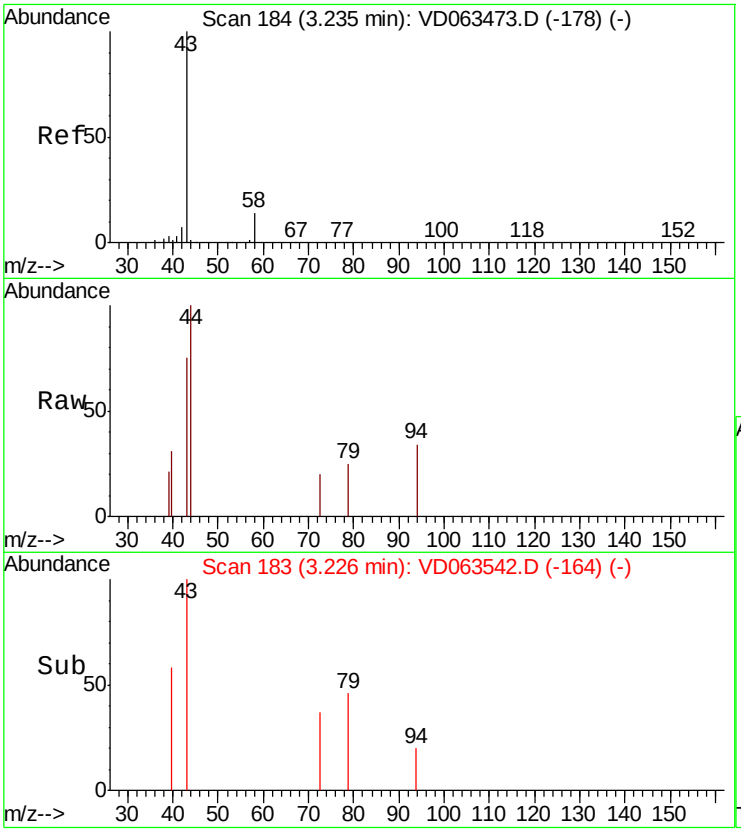


#13
Acrolein
Concen: 1.310 ug/l
RT: 2.98 min Scan# 158
Delta R.T. -0.07 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 56 Resp: 431

Ion	Ratio	Lower	Upper
56	100		
55	100.2	51.3	76.9#



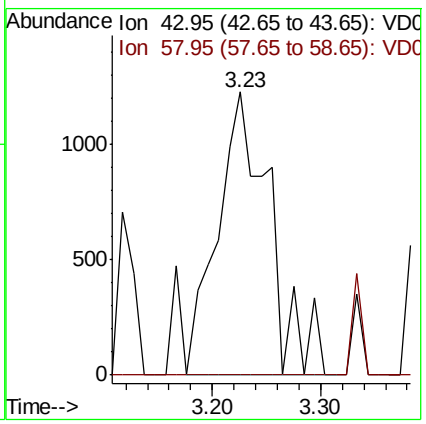


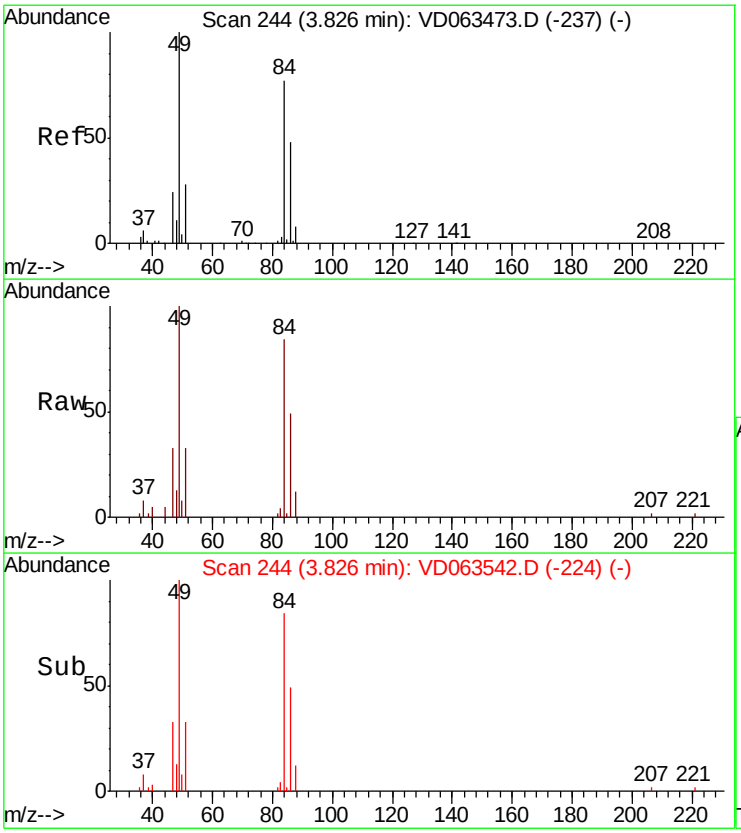
#16
Acetone
Concen: 2.642 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4124

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

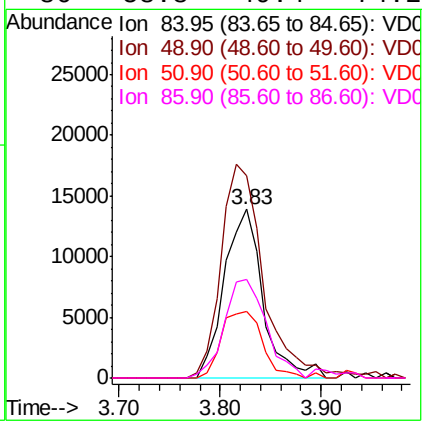


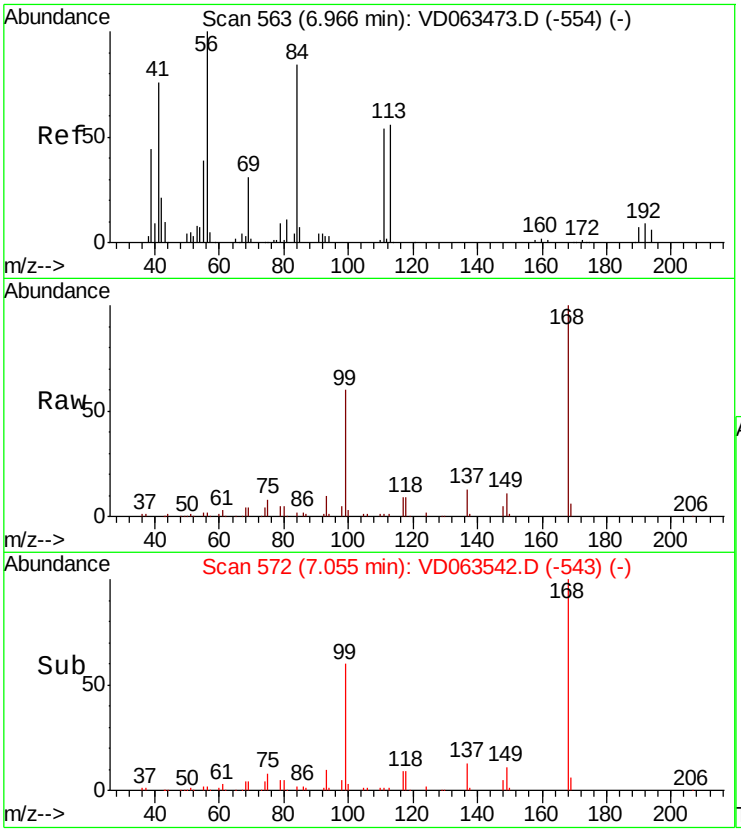


#20
Methylene Chloride
Concen: 5.492 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 84 Resp: 37073

Ion	Ratio	Lower	Upper
84	100		
49	119.7	103.4	155.2
51	39.3	28.5	42.7
86	58.8	49.4	74.2



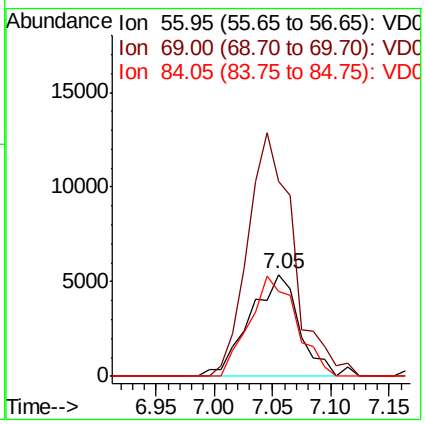


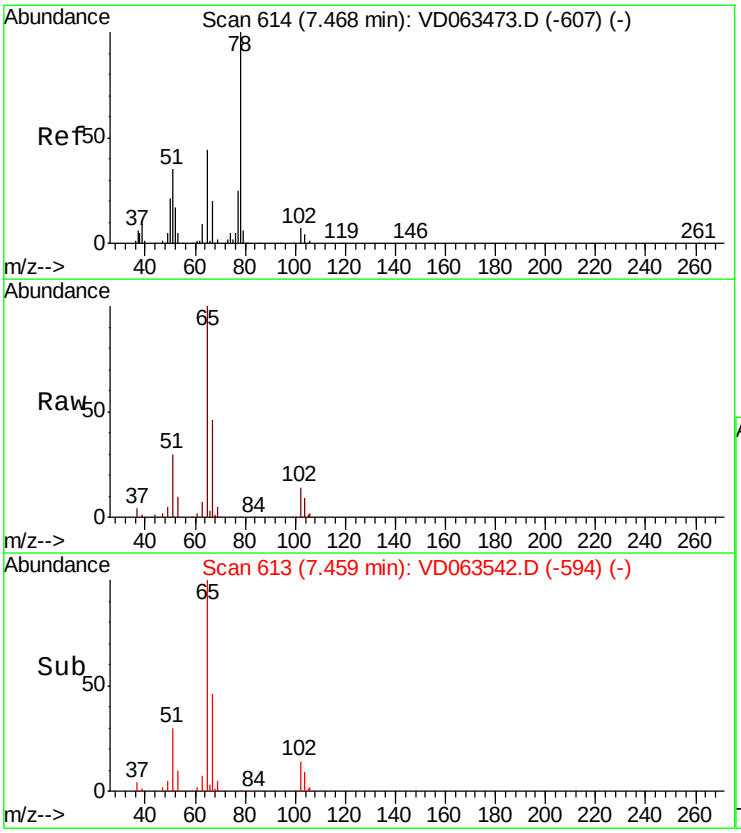
#31
Cyclohexane
Concen: 2.277 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 15789

Ion	Ratio	Lower	Upper
56	100		
69	191.5	25.0	37.6#
84	82.9	69.7	104.5

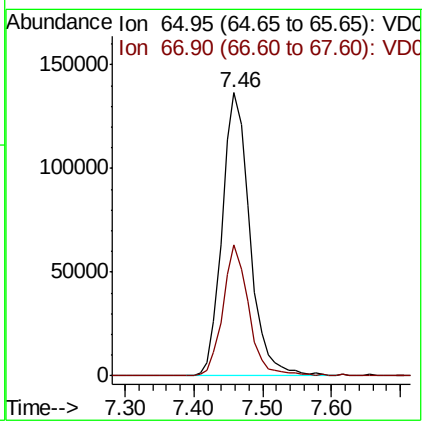


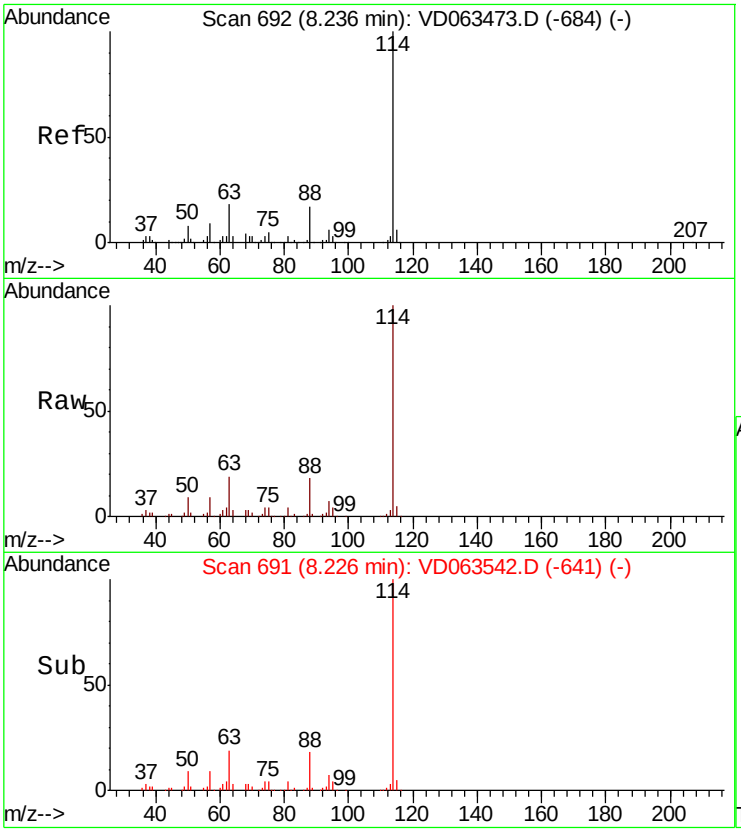


#33
1,2-Dichloroethane-d4
Concen: 49.593 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 65 Resp: 380879

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	89.2



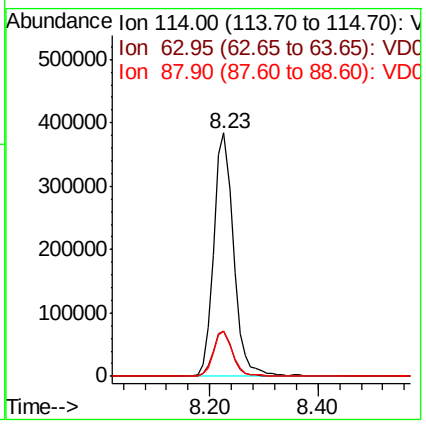


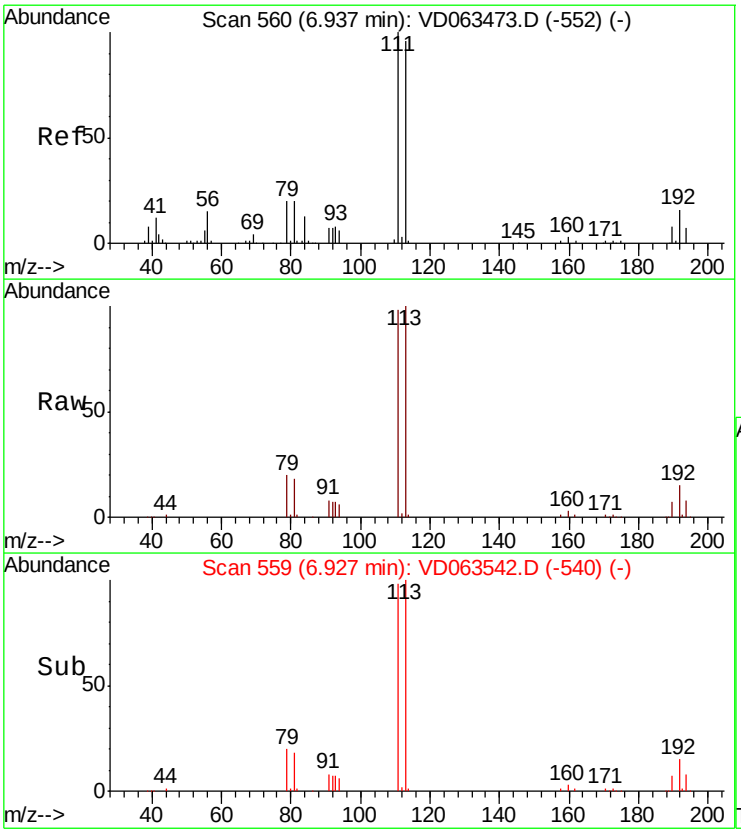
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 972548

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.2
88	18.3	0.0	35.0

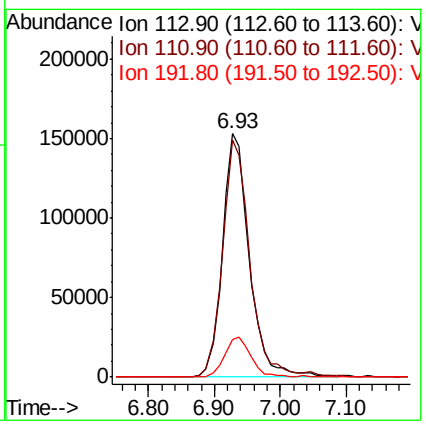


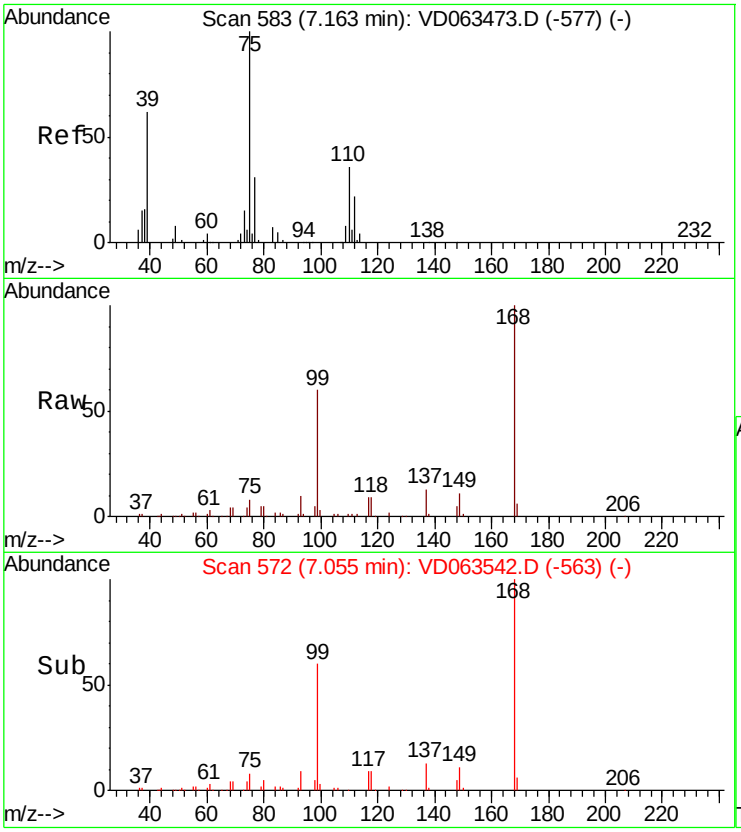


#35
Dibromofluoromethane
Concen: 53.274 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion:113 Resp: 436358

Ion	Ratio	Lower	Upper
113	100		
111	97.6	83.1	124.7
192	15.3	13.1	19.7



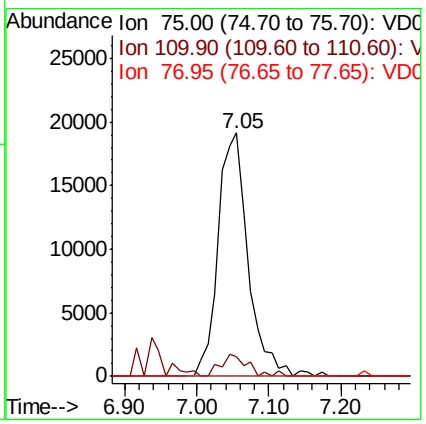


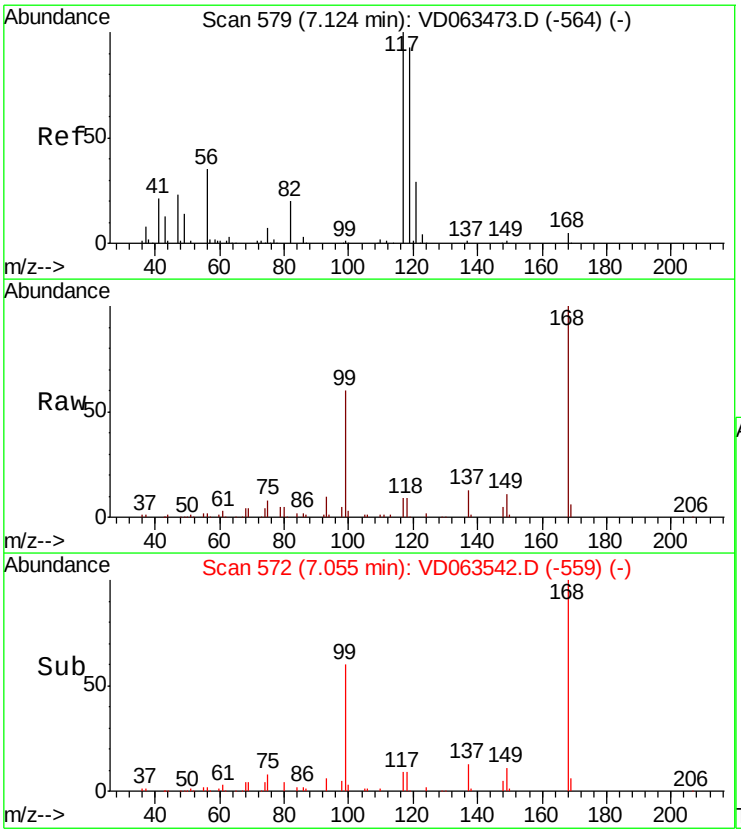
#36
1,1-Dichloropropene
Concen: 6.410 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 55111

Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.6	52.8#
77	0.0	24.3	36.5#

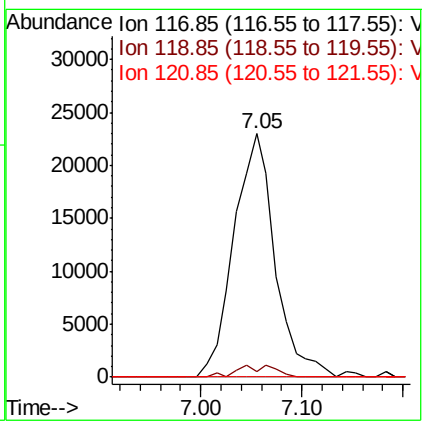


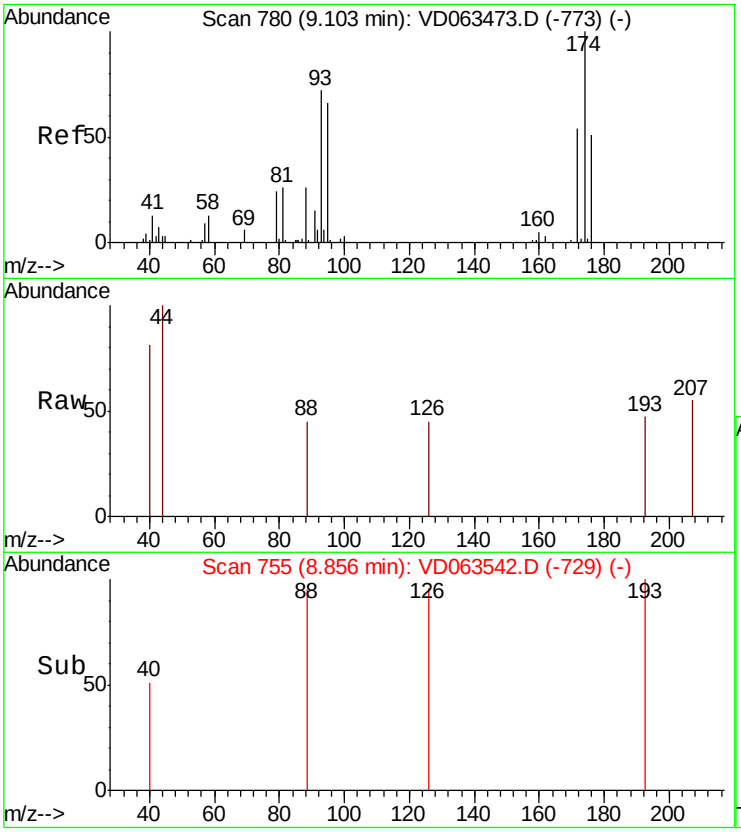


#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.07 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion:117 Resp: 65213

Ion	Ratio	Lower	Upper
117	100		
119	2.5	74.2	111.2#
121	0.0	23.1	34.7#



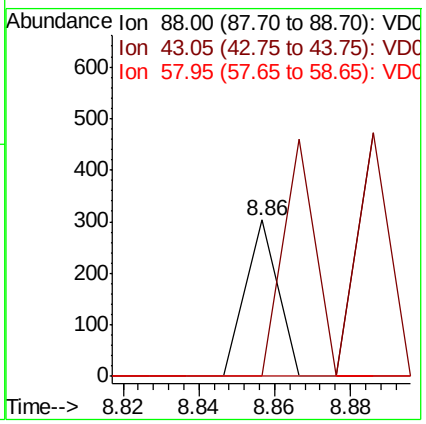


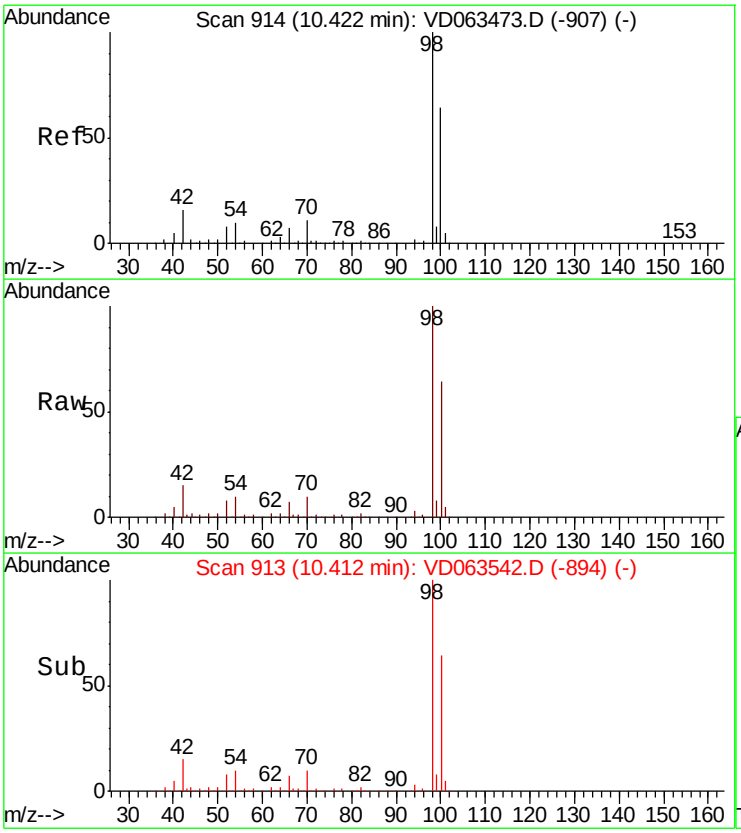
#49
1,4-Dioxane
Concen: 30.714 ug/l
RT: 8.86 min Scan# 755
Delta R.T. -0.25 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 179

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	0.0	40.1	60.1#

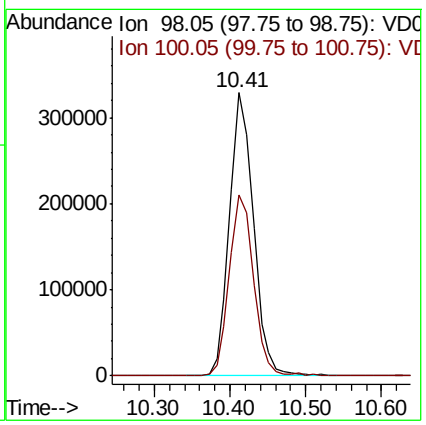


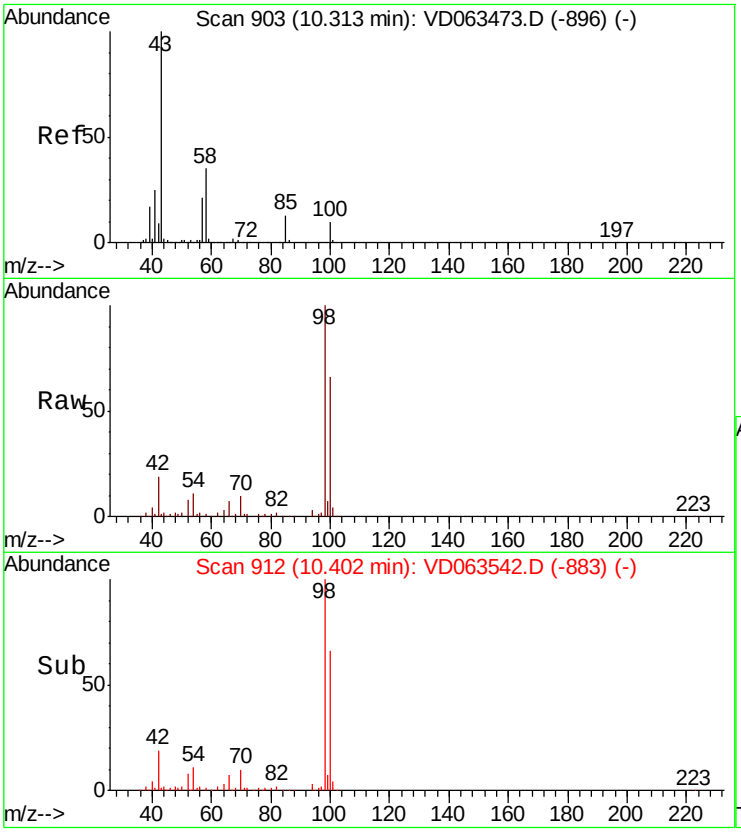


#50
Toluene-d8
Concen: 40.074 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 98 Resp: 721661

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5



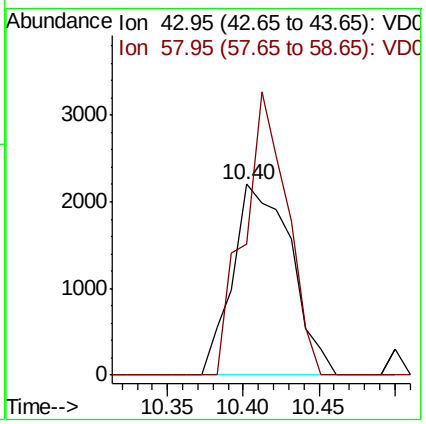


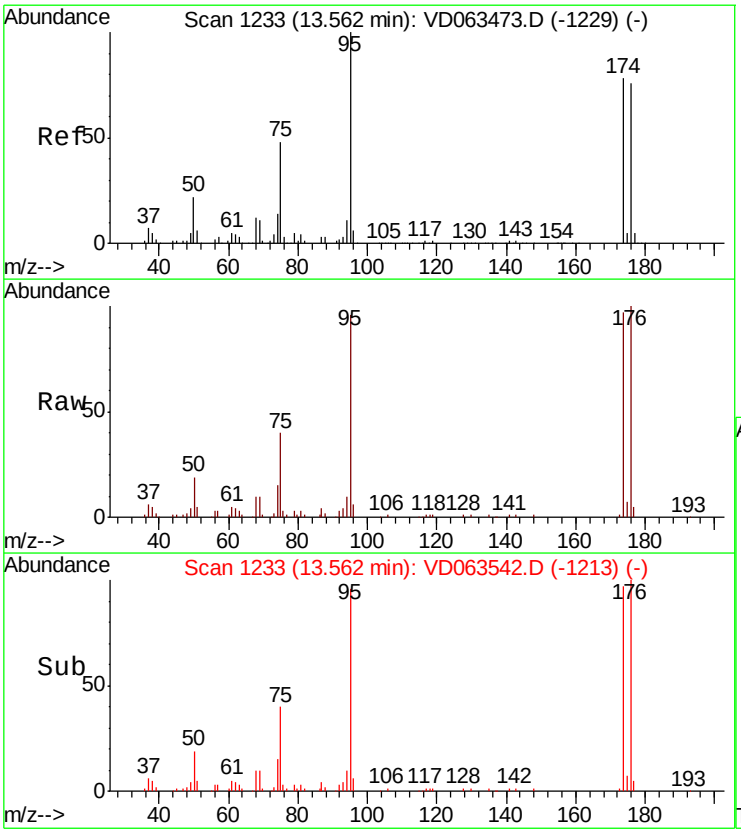
#51
4-Methyl-2-Pentanone
Concen: 1.795 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.09 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5928

Ion	Ratio	Lower	Upper
43	100		
58	68.4	28.0	42.0#

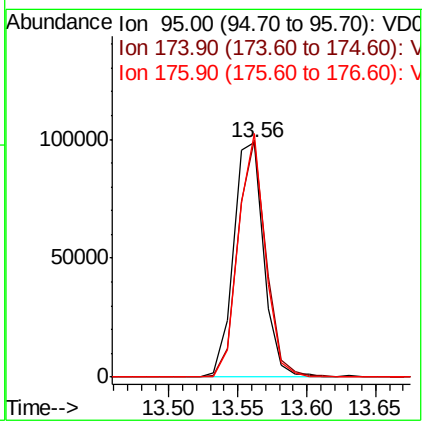


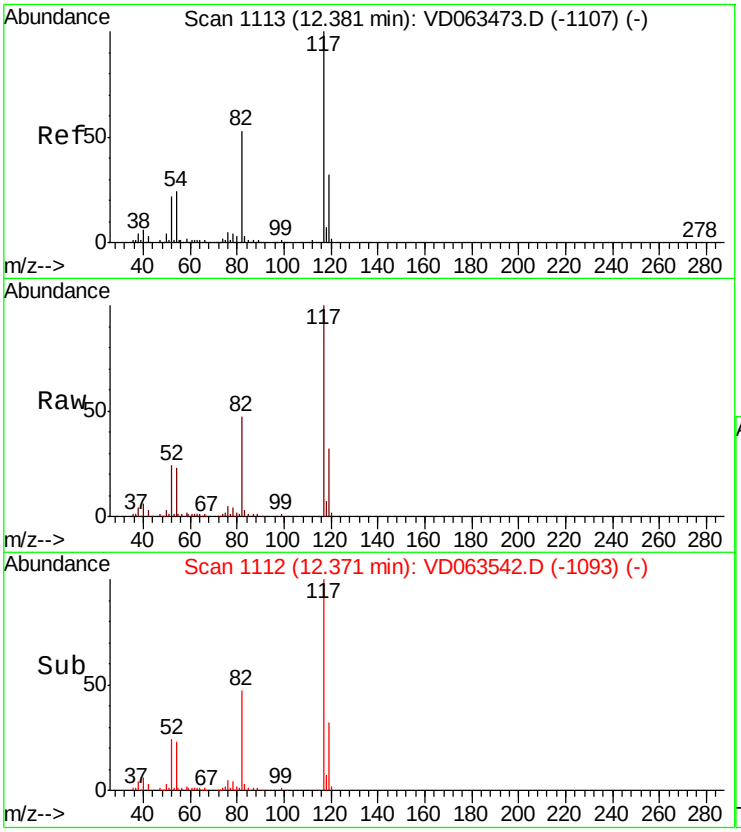


#62
4-Bromofluorobenzene
Concen: 18.553 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion: 95 Resp: 151430

Ion	Ratio	Lower	Upper
95	100		
174	100.9	0.0	155.4
176	103.8	0.0	152.4



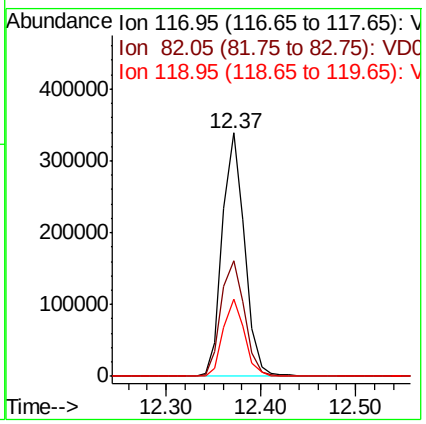


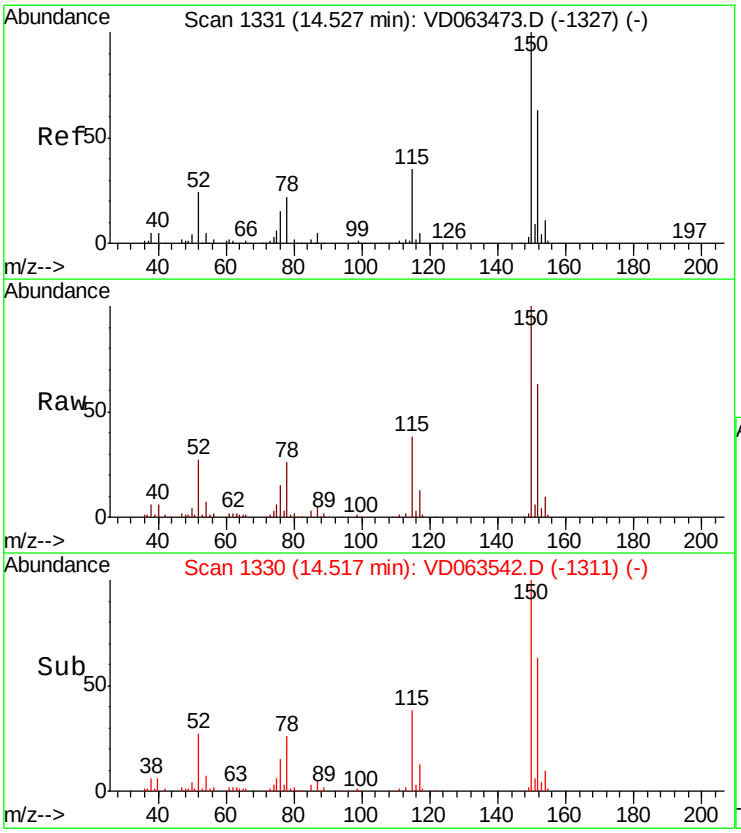
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 550315

Ion	Ratio	Lower	Upper
117	100		
82	47.3	42.0	63.0
119	31.9	25.4	38.0

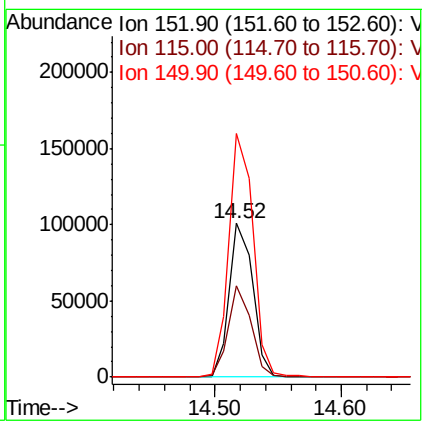


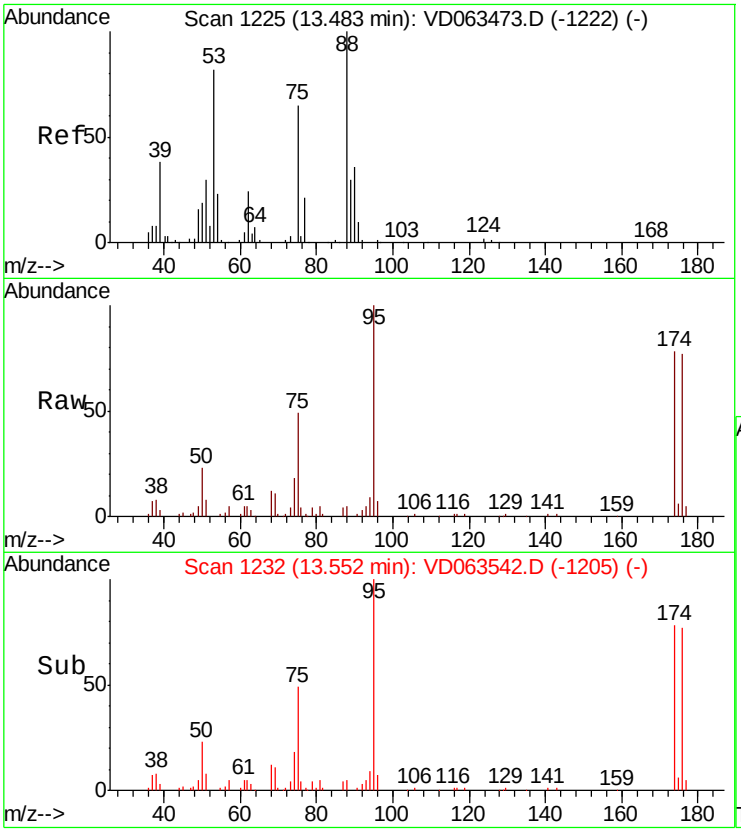


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Tgt Ion:152 Resp: 130496

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.9	92.7
150	158.6	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 171.984 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD063542.D
Acq: 13 Aug 2019 22:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 69229

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#