Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080319\
Data File : VD063368.D
Acq On : 3 Aug 2019 18:17
Operator : VA/AP
Sample : K4135-05
Misc : 6.68g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1S-A4-(0-1)

Quant Time: Aug 04 06:08:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	805456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1134119	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	881777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	388960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	461295	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.22%			
35) Dibromofluoromethane	6.93	113	505301	52.18	ug/l	0.02
Spiked Amount 50.000			Recovery = 104.36%			
50) Toluene-d8	10.41	98	1009784	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.20%			
62) 4-Bromofluorobenzene	13.55	95	357270	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.36%			
Target Compounds						Qvalue
13) Acrolein	3.14	56	387	1.025	ug/l #	15
20) Methylene Chloride	3.82	84	18289	2.598	ug/l	94
29) Tetrahydrofuran	6.47	42	1110	1.342	ug/l #	63
31) Cyclohexane	7.04	56	18040	2.266	ug/l #	15
36) 1,1-Dichloropropene	7.05	75	65244	6.304	ug/l #	51
38) Carbon Tetrachloride	7.05	117	84020	5.392	ug/l #	14
51) 4-Methyl-2-Pentanone	10.41	43	7391	1.830	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	165925	127.901	ug/l #	3

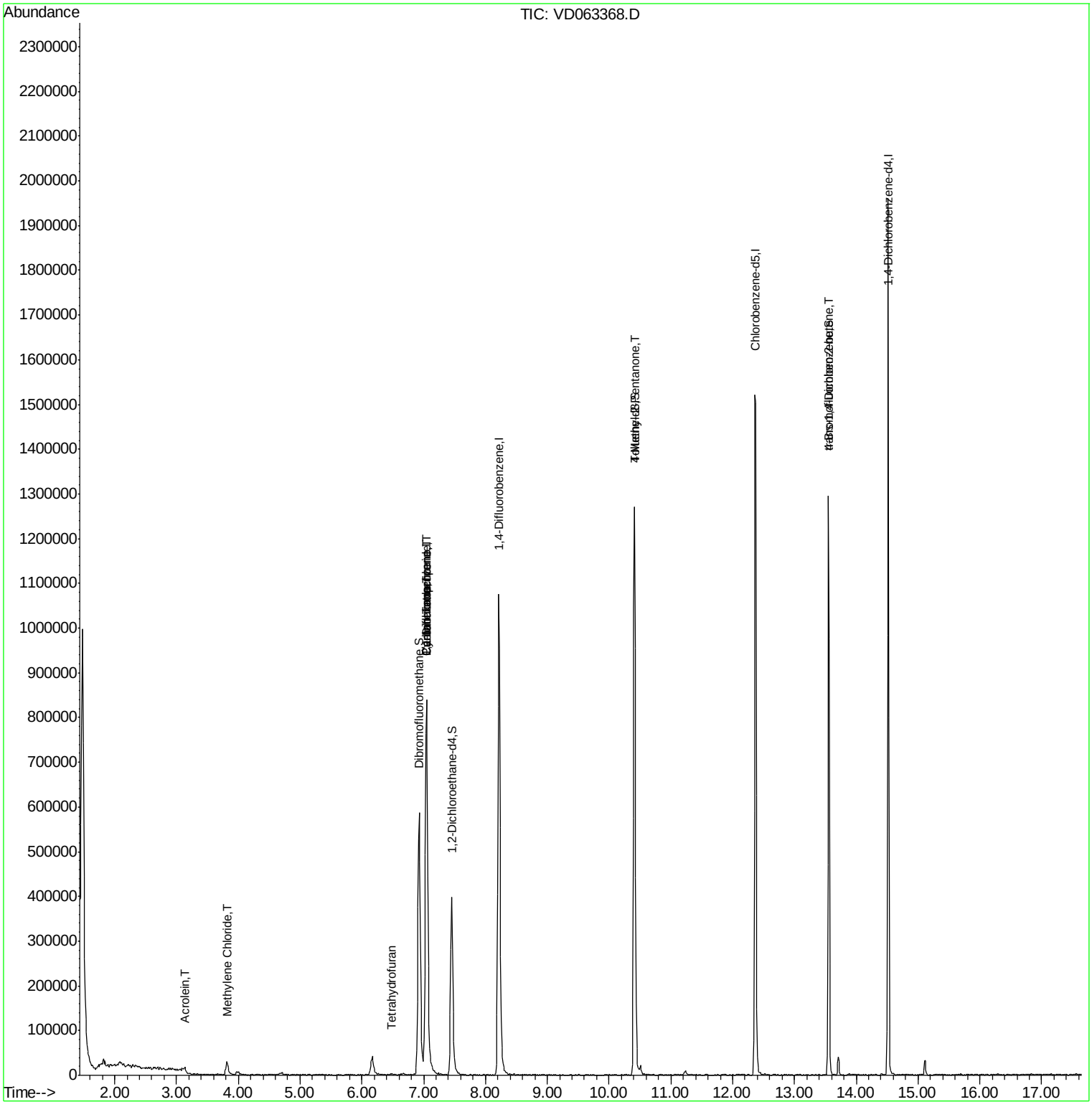
(#) = qualifier out of range (m) = manual integration (+) = signals summed

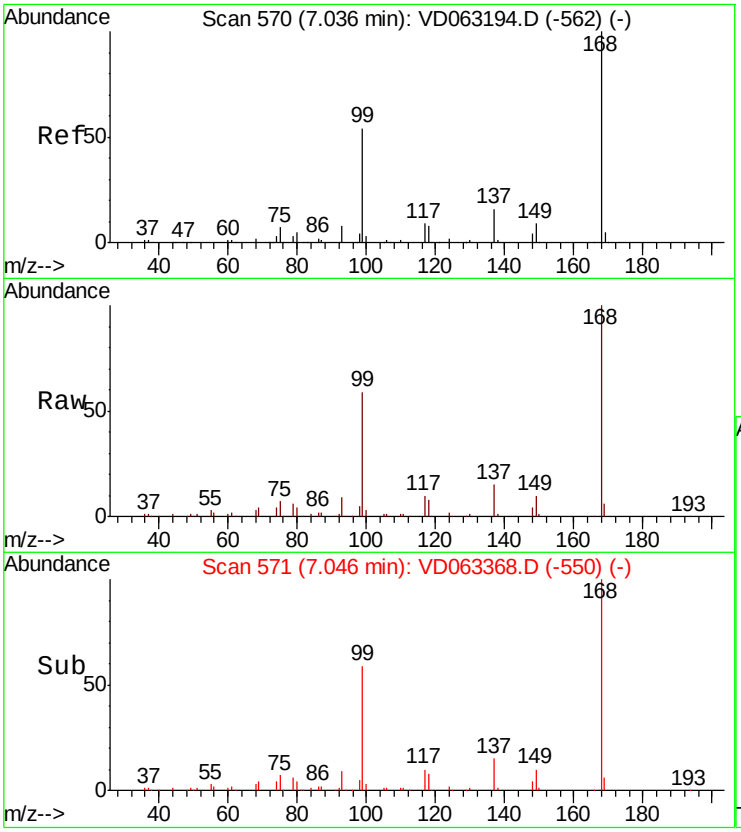
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080319\
Data File : VD063368.D
Acq On : 3 Aug 2019 18:17
Operator : VA/AP
Sample : K4135-05
Misc : 6.68g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Quant Time: Aug 04 06:08:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



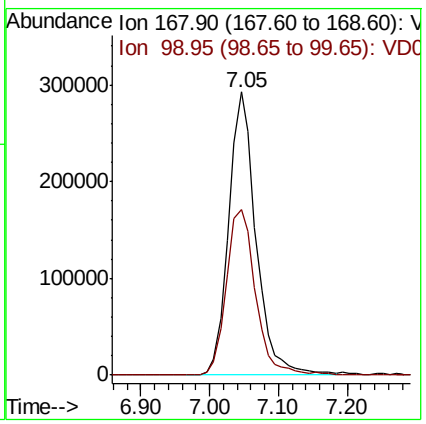


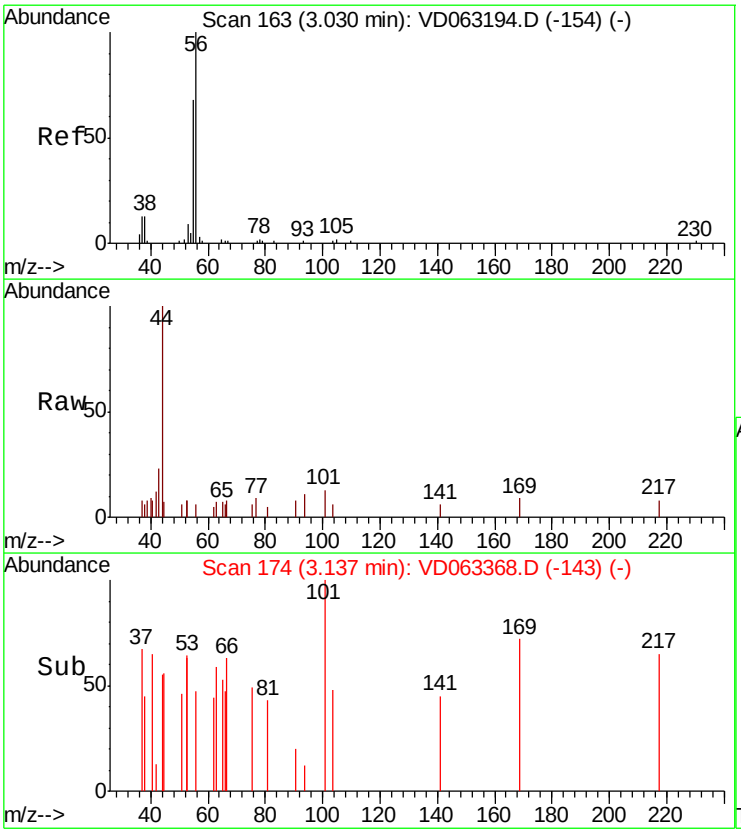
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion:168 Resp: 805456

Ion	Ratio	Lower	Upper
168	100		
99	58.7	43.7	65.5

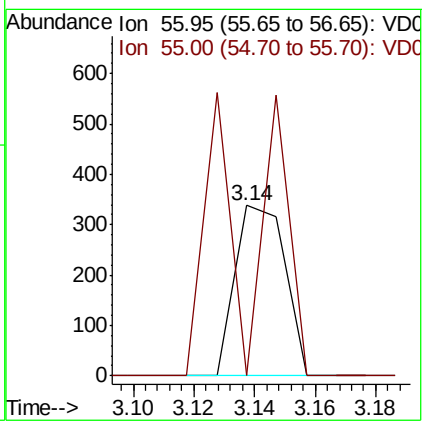


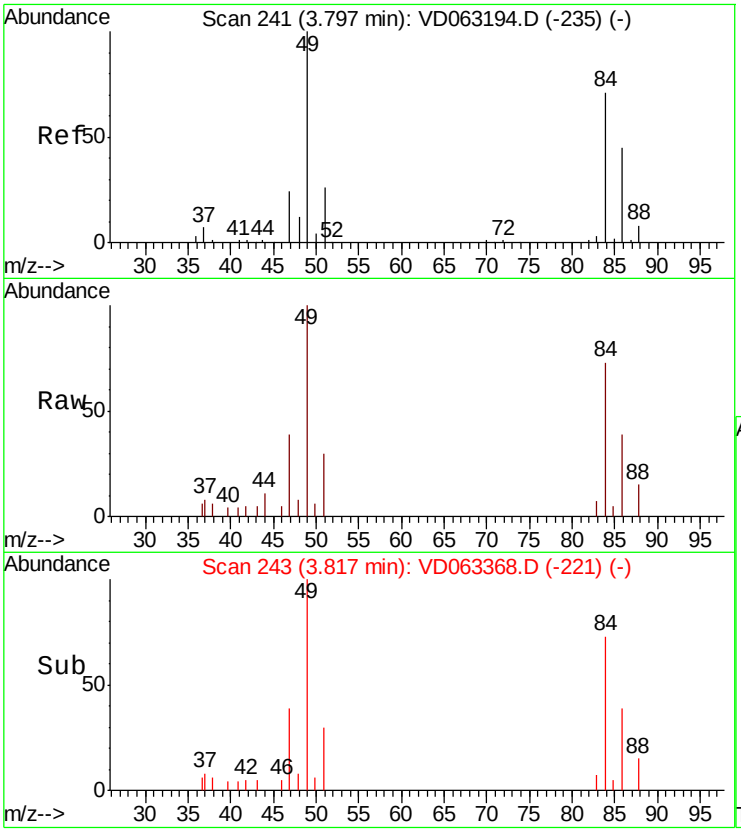


#13
Acrolein
Concen: 1.025 ug/l
RT: 3.14 min Scan# 174
Delta R.T. 0.11 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion: 56 Resp: 387

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.3	82.9#



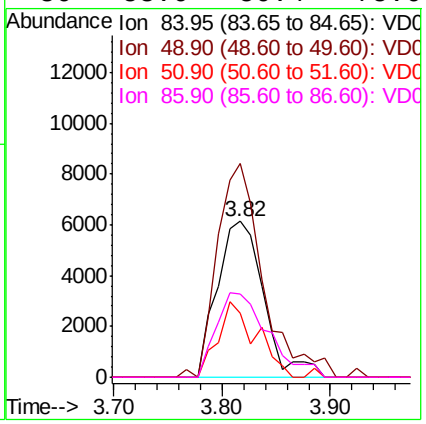


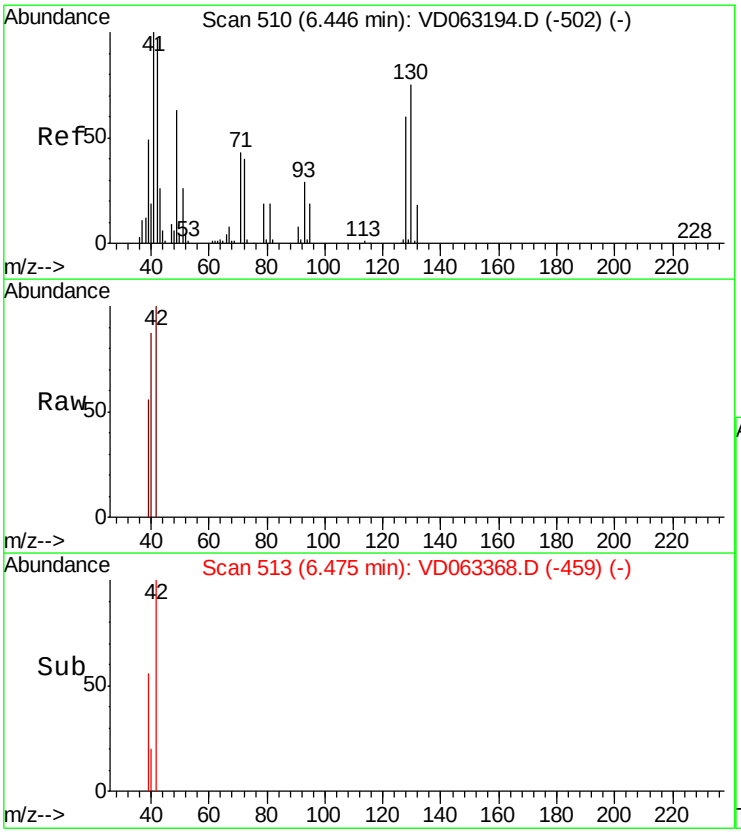
#20
Methylene Chloride
Concen: 2.598 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument : MSVOA_D
ClientSampleId : 1S-A4-(0-1)

Tgt Ion: 84 Resp: 18289

Ion	Ratio	Lower	Upper
84	100		
49	137.1	112.5	168.7
51	41.5	29.6	44.4
86	53.6	50.4	75.6

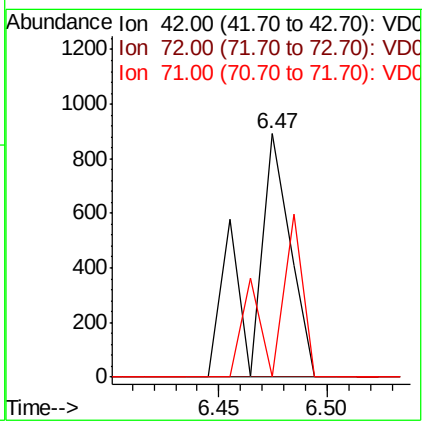


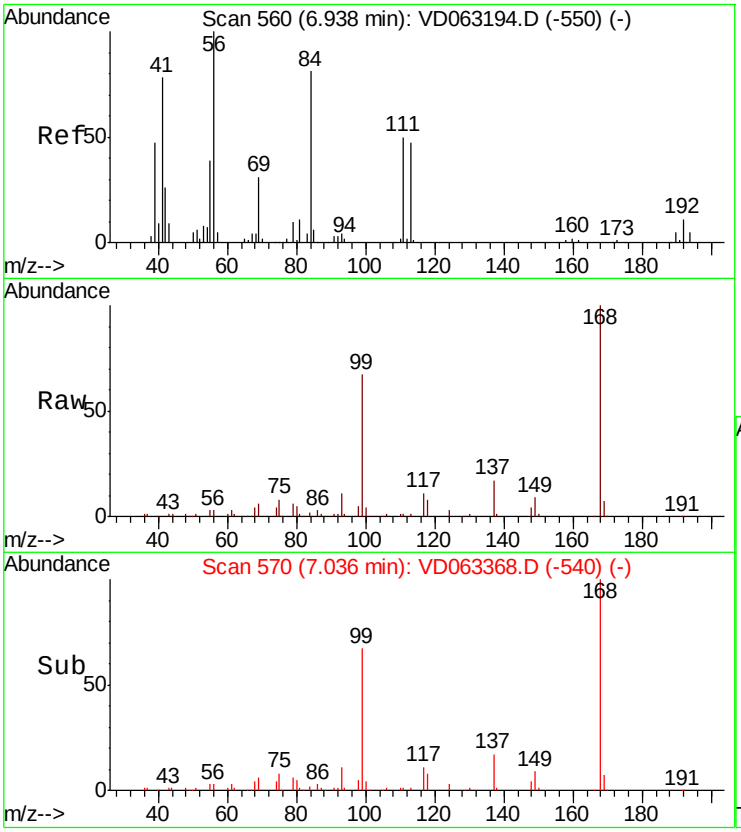


#29
Tetrahydrofuran
Concen: 1.342 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.03 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion: 42 Resp: 1110

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.2#
71	51.3	35.7	53.5



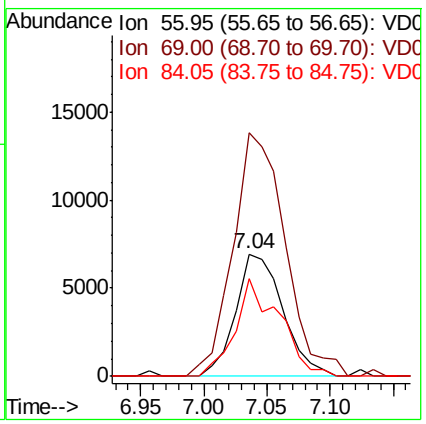


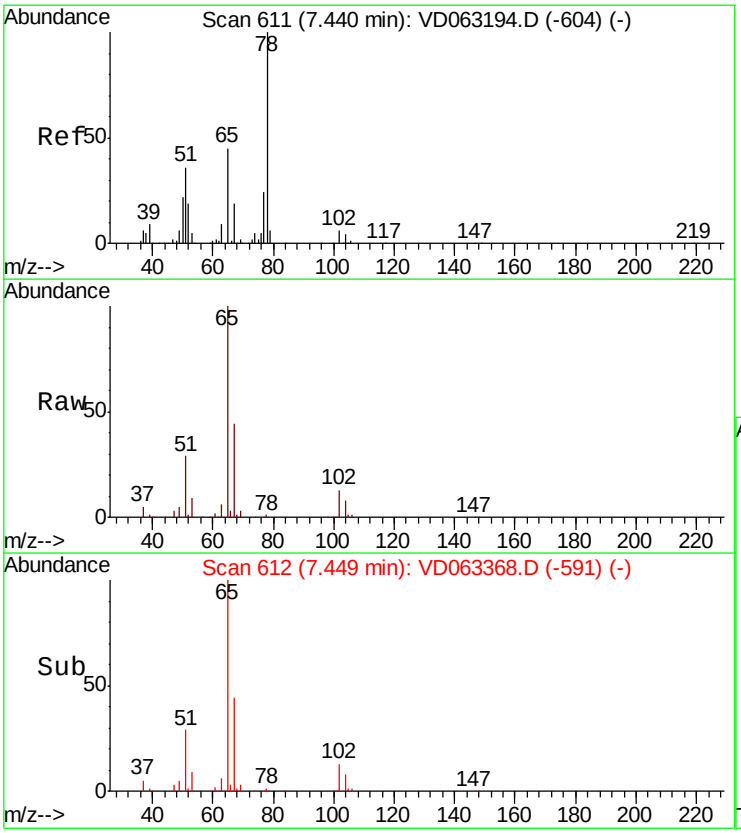
#31
Cyclohexane
Concen: 2.266 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion: 56 Resp: 18040

Ion	Ratio	Lower	Upper
56	100		
69	198.7	24.5	36.7#
84	79.8	64.9	97.3

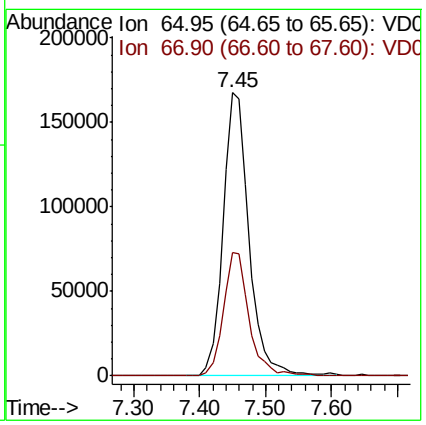


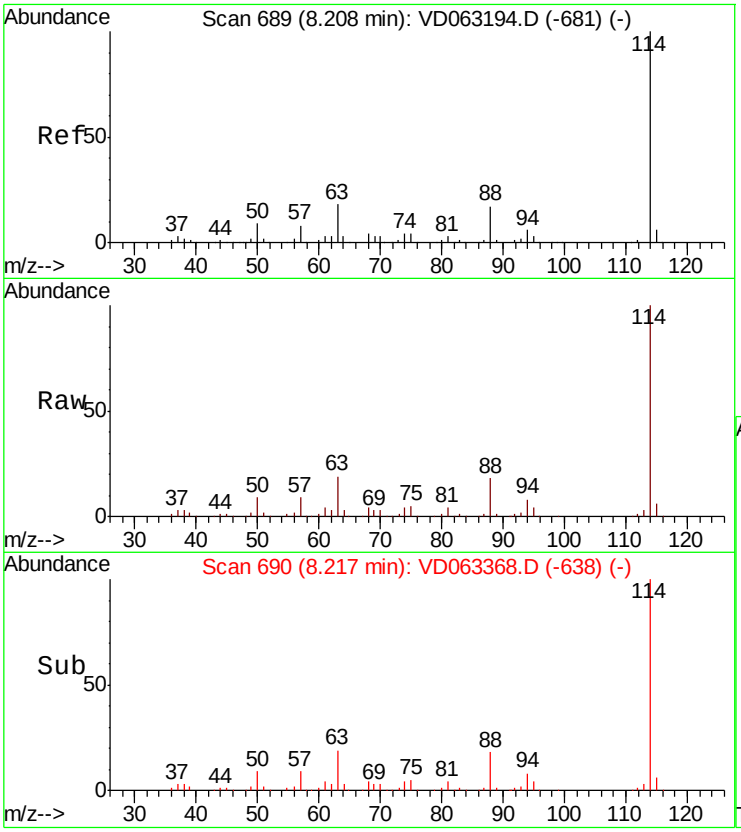


#33
1,2-Dichloroethane-d4
Concen: 51.615 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion: 65 Resp: 461295

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	85.8



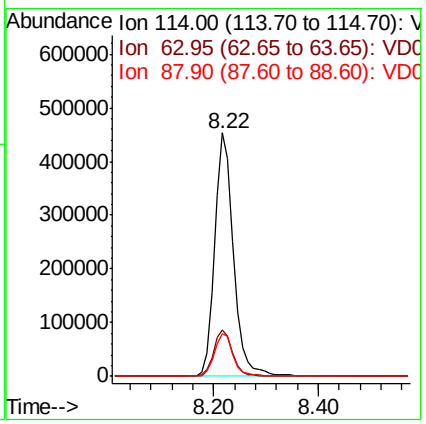


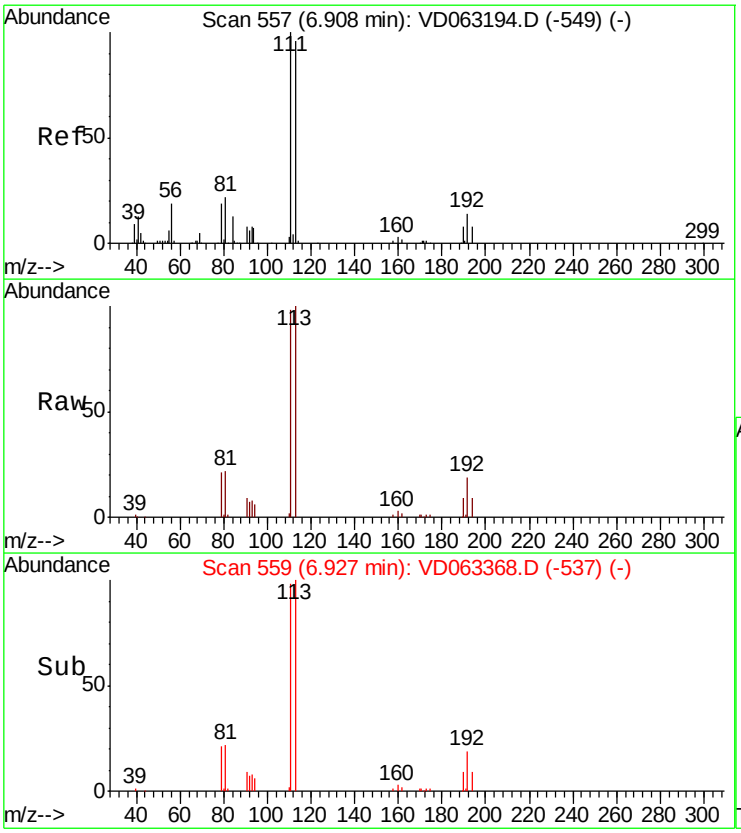
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion:114 Resp: 1134119

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.2
88	17.7	0.0	34.6

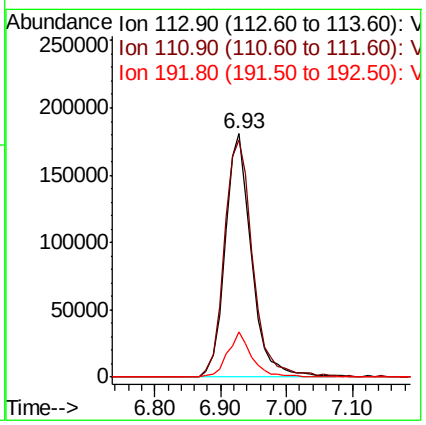


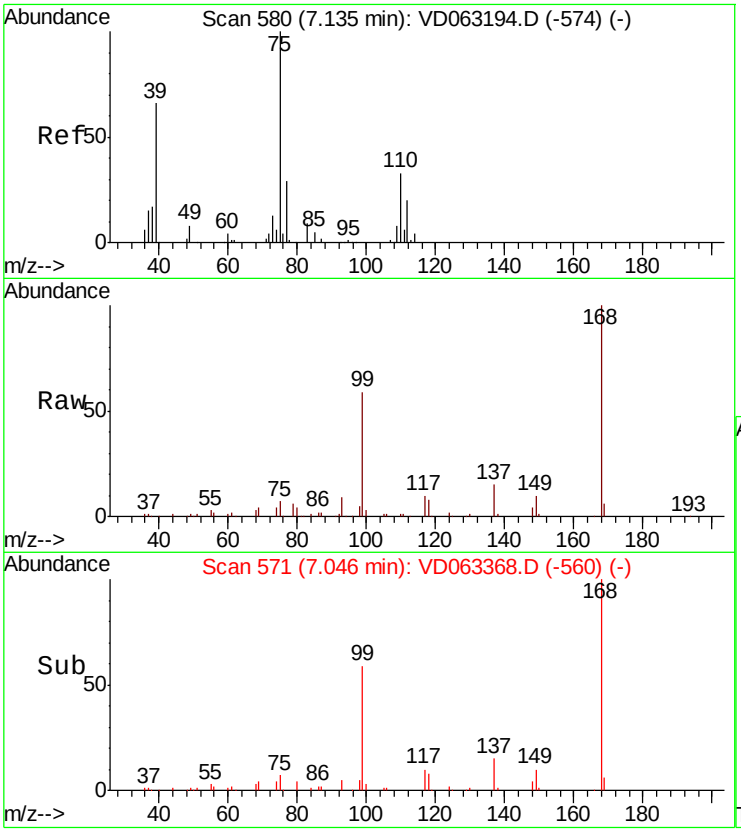


#35
Dibromofluoromethane
Concen: 52.185 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.02 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion:113 Resp: 505301

Ion	Ratio	Lower	Upper
113	100		
111	97.7	83.2	124.8
192	18.8	11.8	17.8#



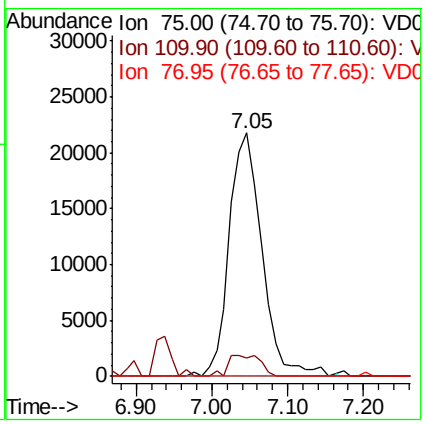


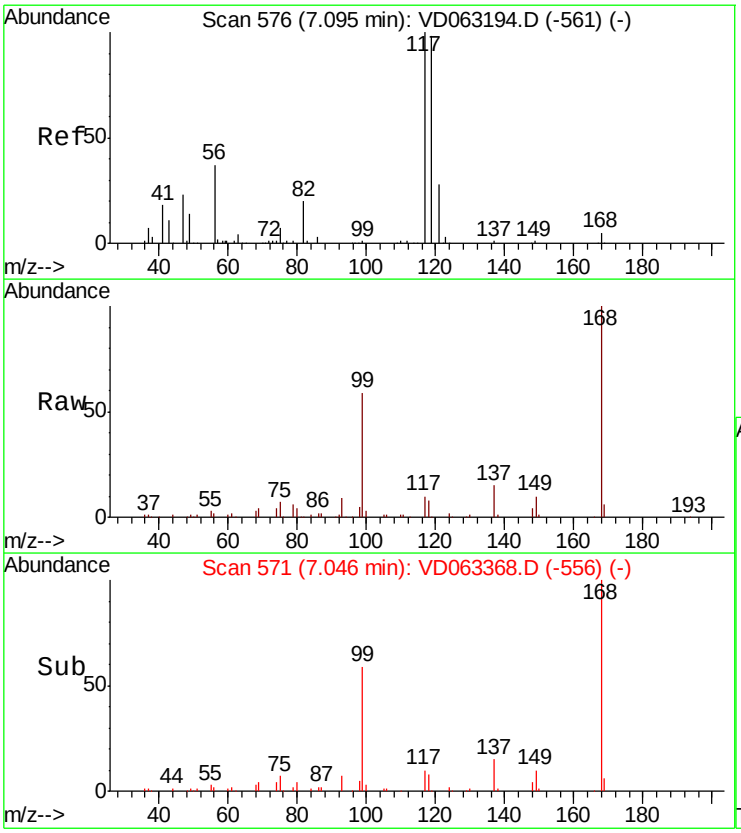
#36
1,1-Dichloropropene
Concen: 6.304 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion: 75 Resp: 65244

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.1	48.2#
77	0.0	22.7	34.1#

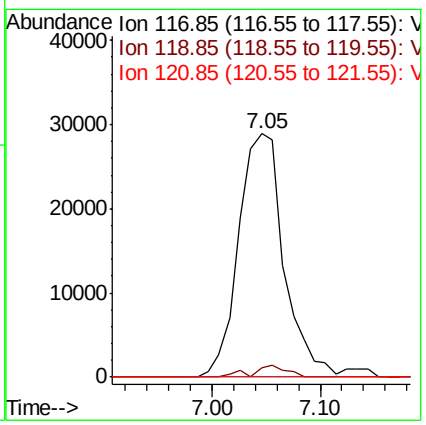


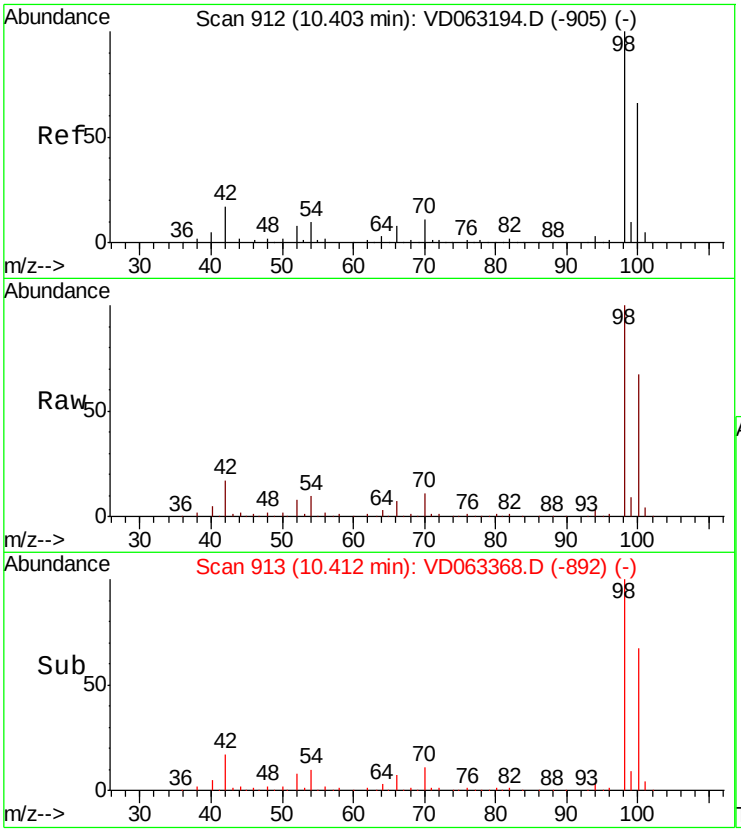


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion:117 Resp: 84020

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.2	117.2#
121	0.0	22.1	33.1#



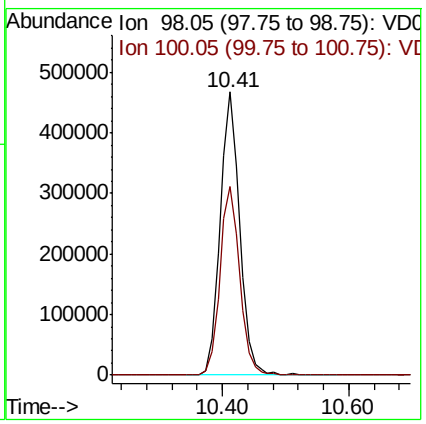


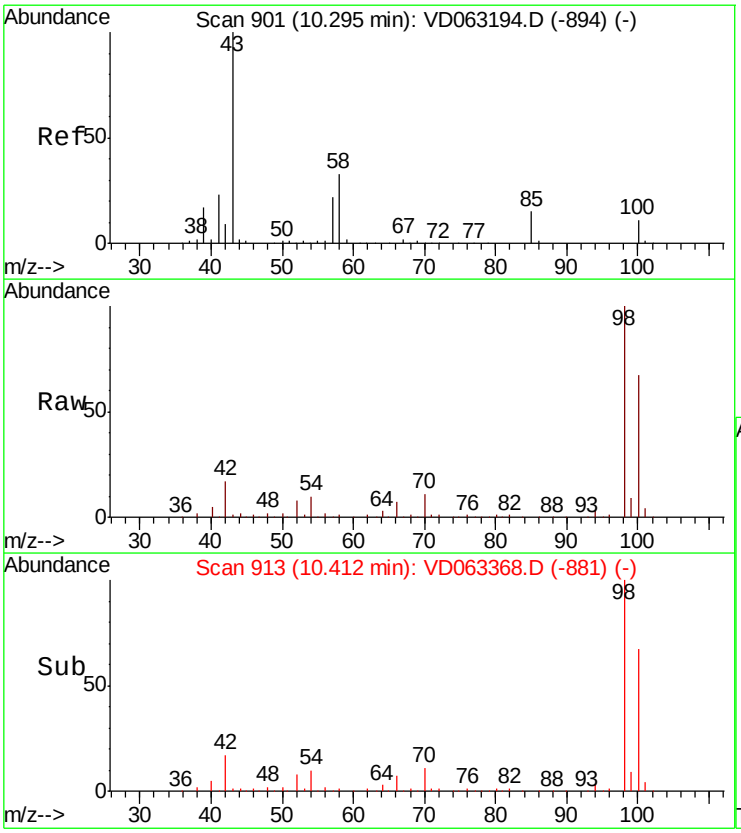
#50
Toluene-d8
Concen: 46.597 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion: 98 Resp: 1009784

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.2	79.8

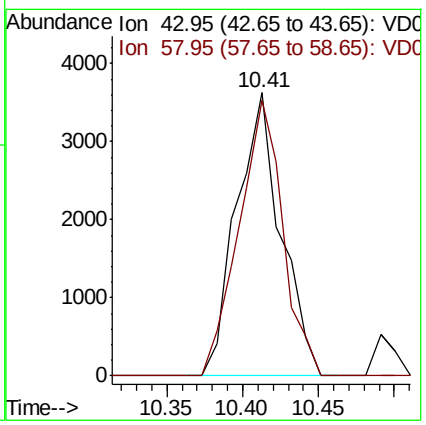


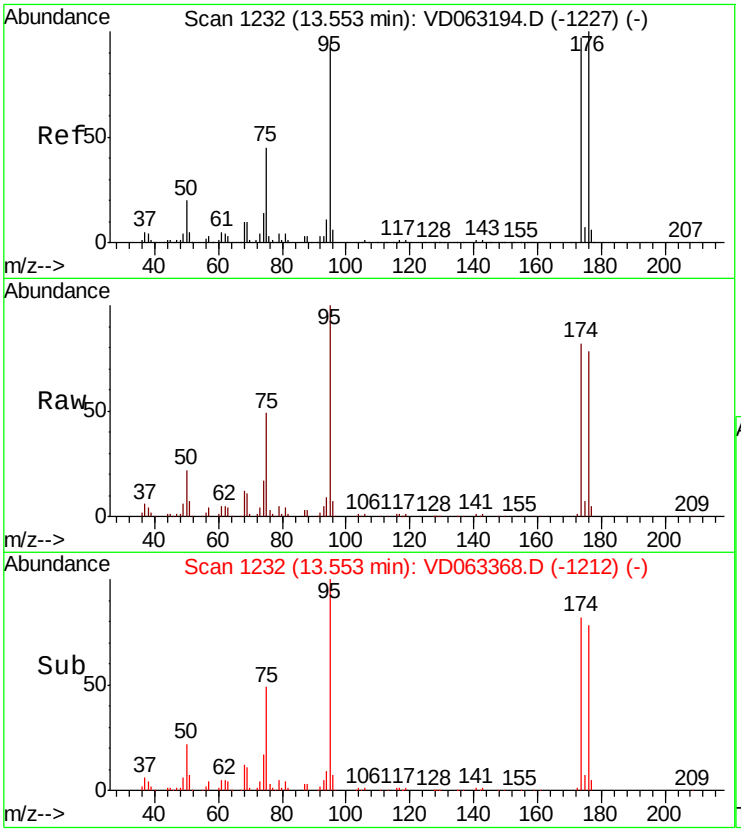


#51
4-Methyl-2-Pentanone
Concen: 1.830 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.12 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion: 43 Resp: 7391

Ion	Ratio	Lower	Upper
43	100		
58	97.3	26.2	39.2#



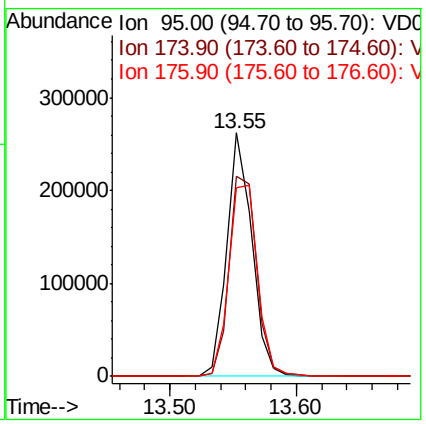


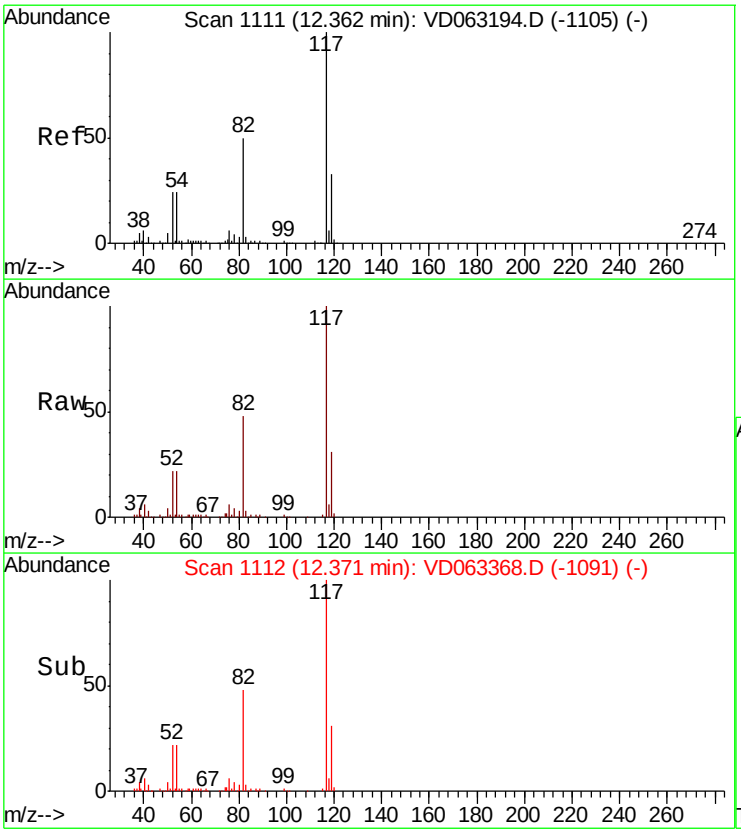
#62
4-Bromofluorobenzene
Concen: 36.179 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion: 95 Resp: 357270

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	205.4
176	77.7	0.0	211.8

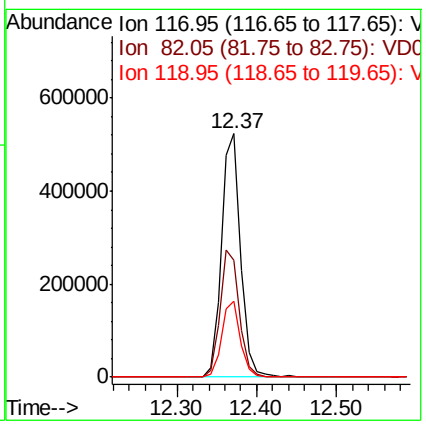


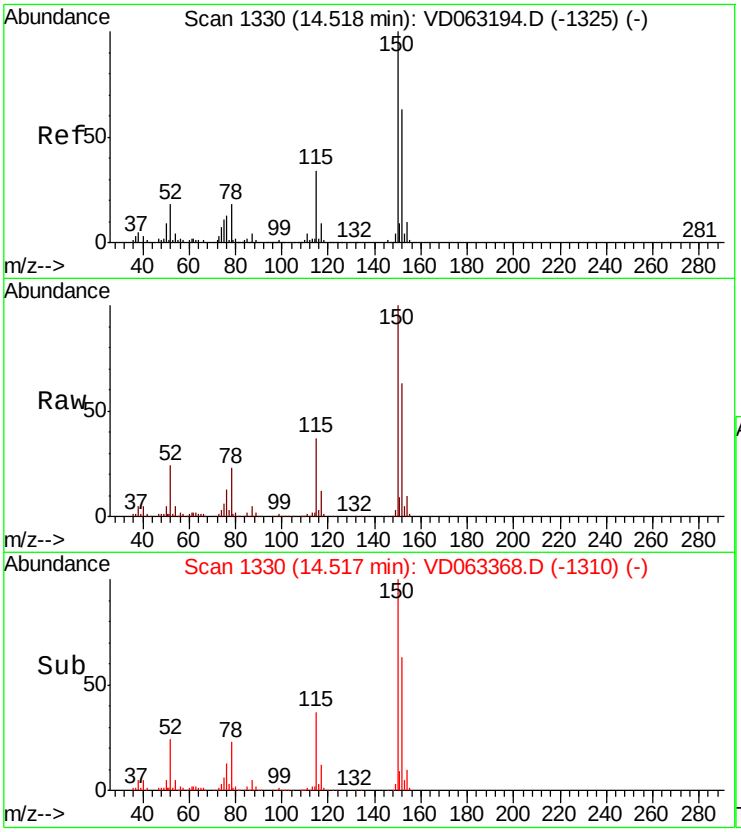


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion:117 Resp: 881777

Ion	Ratio	Lower	Upper
117	100		
82	48.0	40.1	60.1
119	31.0	26.5	39.7



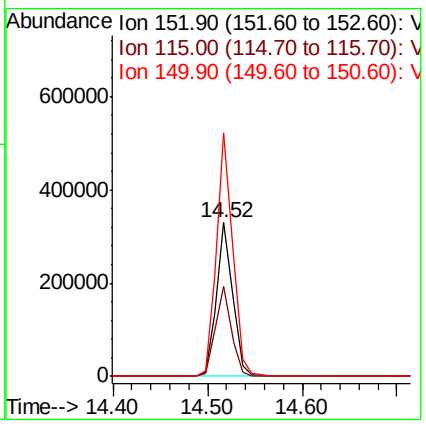


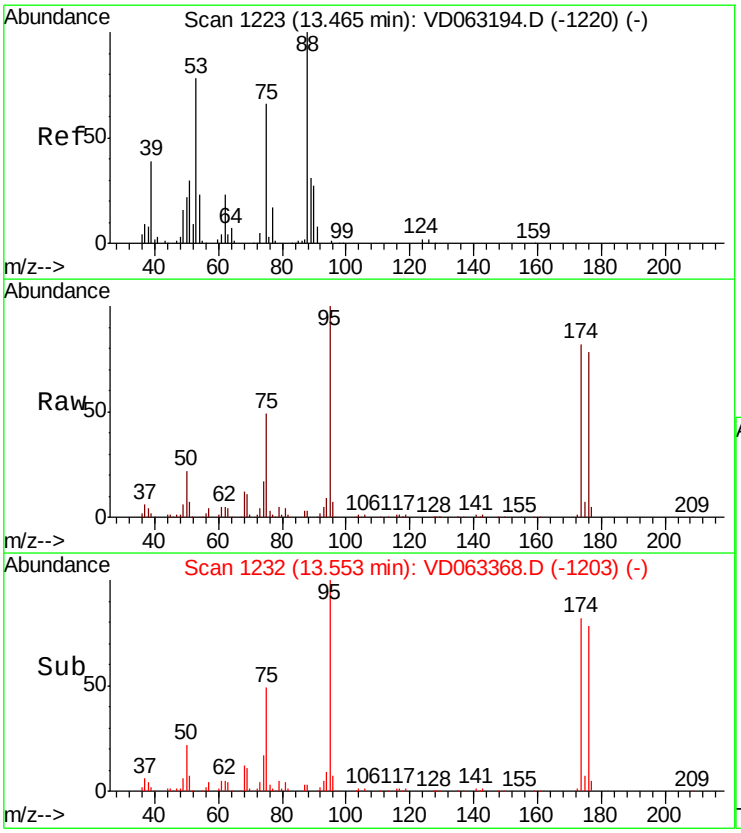
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
1S-A4-(0-1)

Tgt Ion:152 Resp: 388960

Ion	Ratio	Lower	Upper
152	100		
115	58.4	27.5	82.4
150	158.6	0.0	320.6





#81
trans-1,4-Dichloro-2-butene
Concen: 127.901 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063368.D
Acq: 3 Aug 2019 18:17

Tgt Ion: 75 Resp: 165925

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#