Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063559.D
Acq On : 14 Aug 2019 7:33
Operator : JC/SY
Sample : K4229-13RE
Misc : 4.88g/5ml/MSVOA_D/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:35:47 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	1023409	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1489572	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1084817	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	502183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	518734	47.42	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.84%			
35) Dibromofluoromethane	6.93	113	597413	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
50) Toluene-d8	10.42	98	1171826	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.98%			
62) 4-Bromofluorobenzene	13.56	95	482936	38.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.06	59	4986	10.470	ug/l #	71
16) Acetone	3.23	43	97967	44.054	ug/l #	91
20) Methylene Chloride	3.82	84	11008	1.145	ug/l #	92
31) Cyclohexane	7.05	56	21248	2.151	ug/l #	7
36) 1,1-Dichloropropene	7.04	75	74925	5.690	ug/l #	50
38) Carbon Tetrachloride	7.05	117	98136	4.945	ug/l #	17
49) 1,4-Dioxane	9.00	88	185	28.771	ug/l #	34
51) 4-Methyl-2-Pentanone	10.42	43	6489	1.283	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	213595	137.888	ug/l #	1

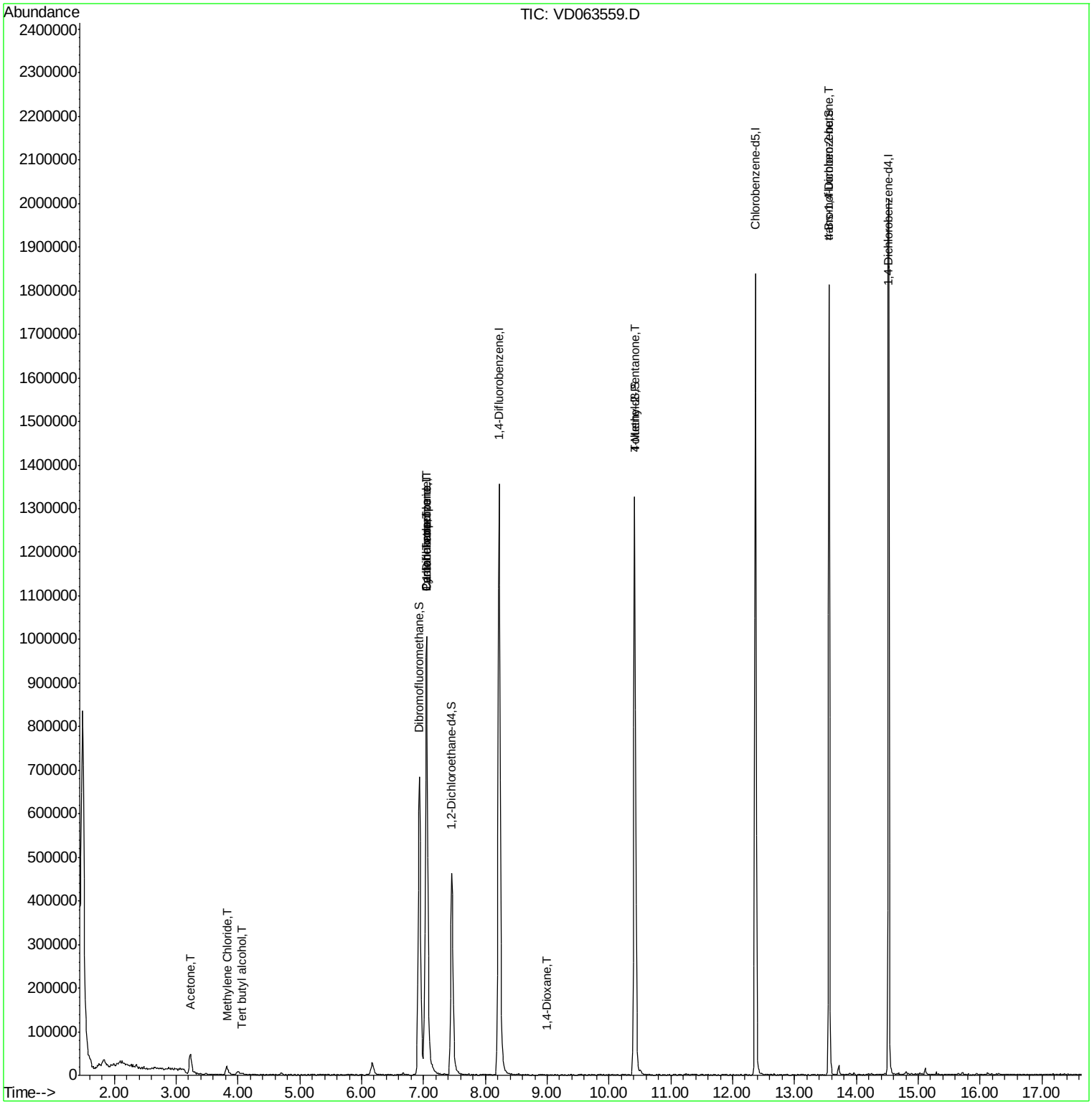
(#) = qualifier out of range (m) = manual integration (+) = signals summed

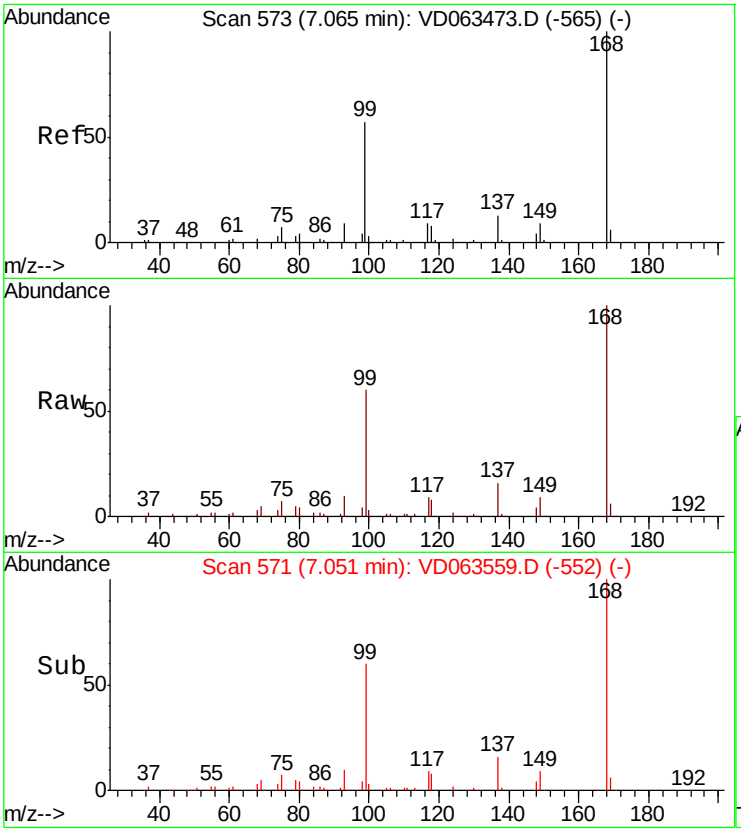
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063559.D
Acq On : 14 Aug 2019 7:33
Operator : JC/SY
Sample : K4229-13RE
Misc : 4.88g/5ml/MSVOA_D/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 08:35:47 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



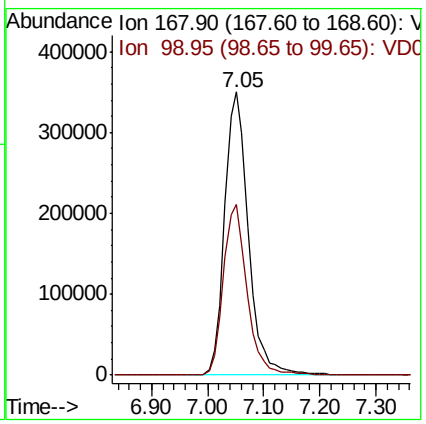


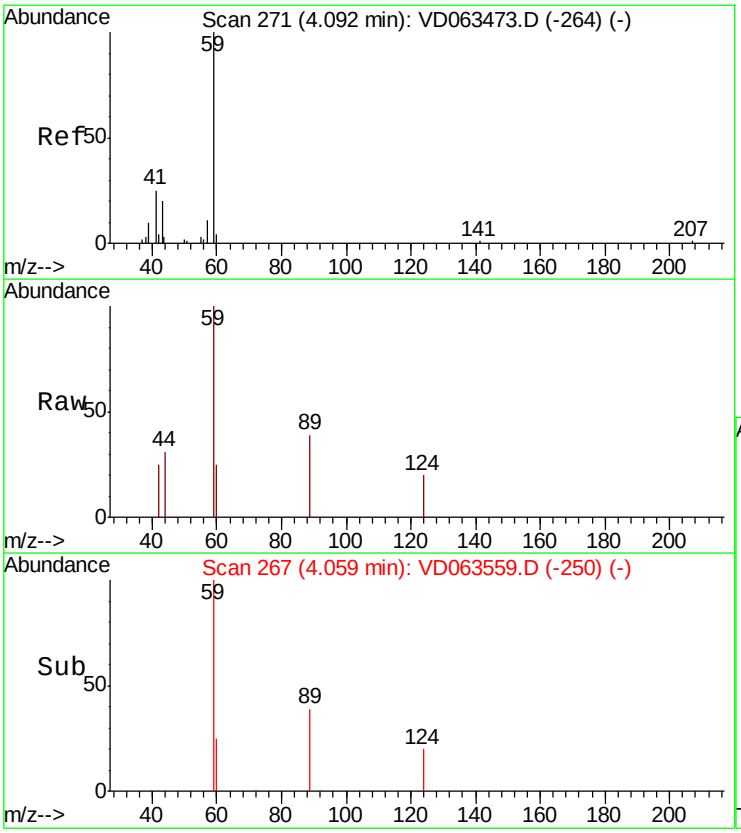
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1023409

Ion	Ratio	Lower	Upper
168	100		
99	60.2	46.7	70.1

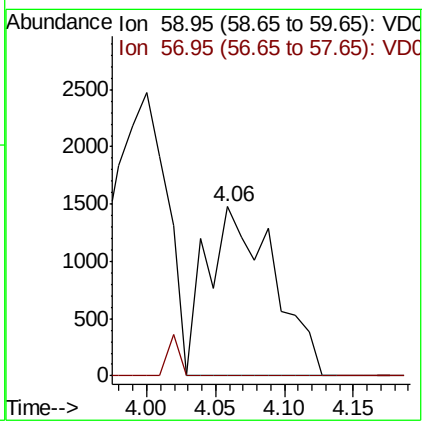


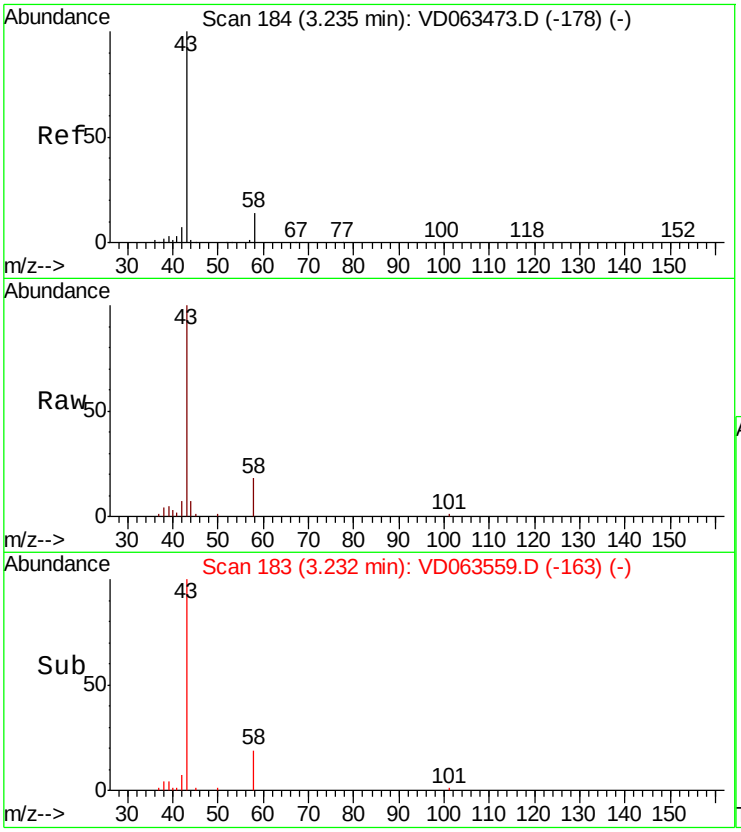


#11
Tert butyl alcohol
Concen: 10.470 ug/l
RT: 4.06 min Scan# 267
Delta R.T. -0.03 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion: 59 Resp: 4986

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



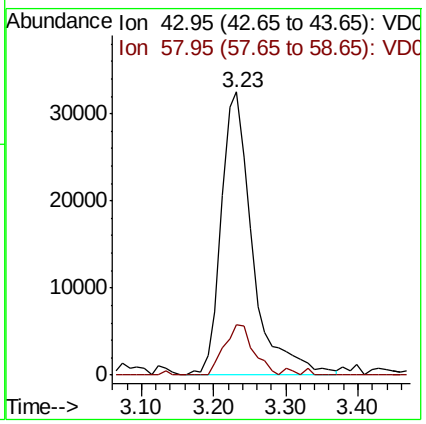


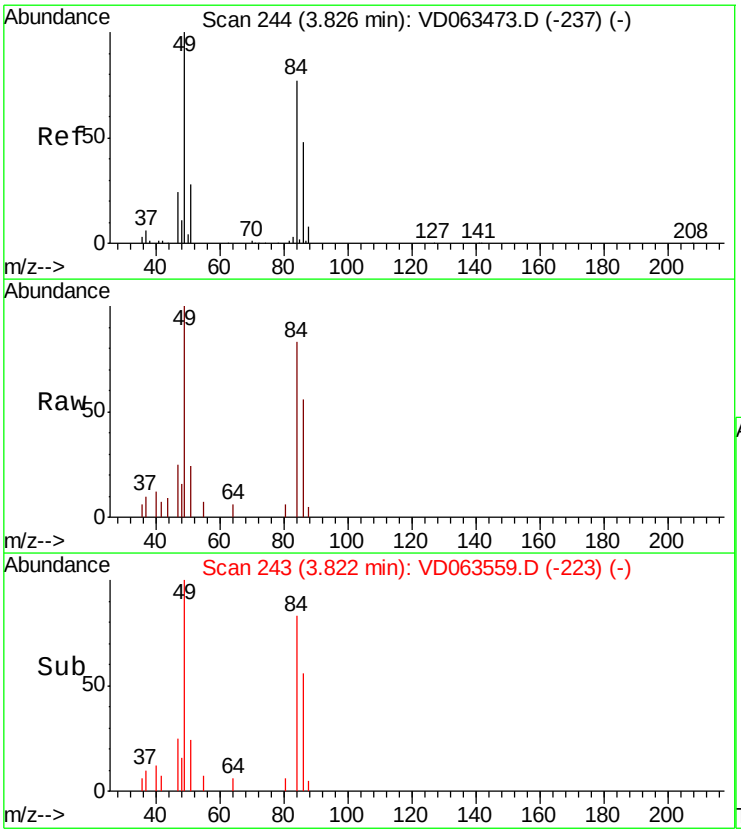
#16
Acetone
Concen: 44.054 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 97967

Ion	Ratio	Lower	Upper
43	100		
58	17.9	11.4	17.2#

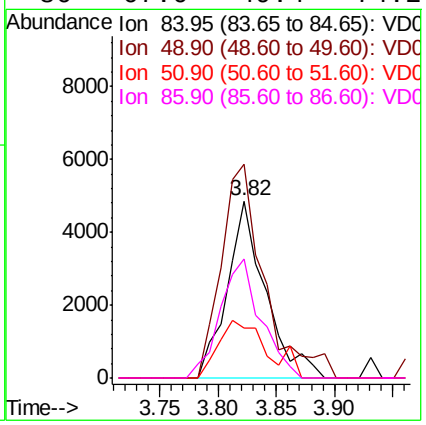


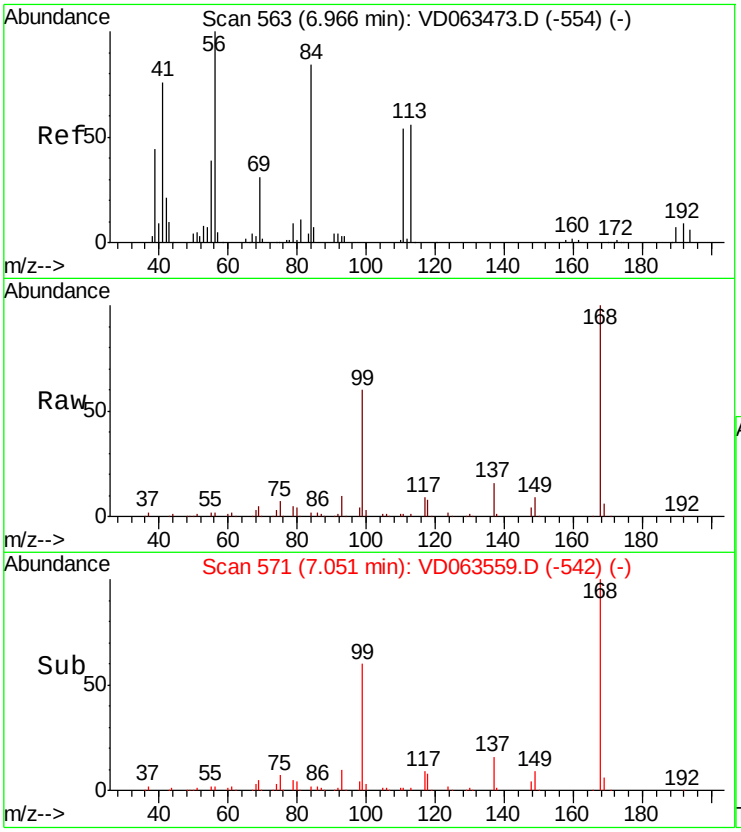


#20
Methylene Chloride
Concen: 1.145 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion: 84 Resp: 11008

Ion	Ratio	Lower	Upper
84	100		
49	120.6	103.4	155.2
51	28.4	28.5	42.7#
86	67.0	49.4	74.2



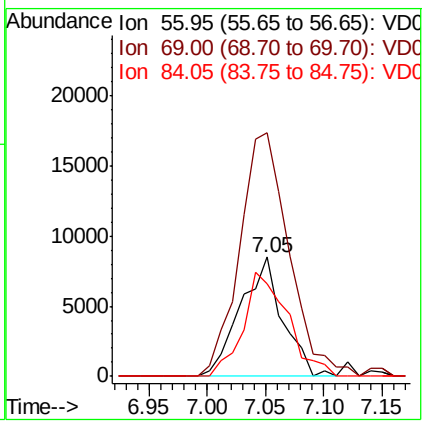


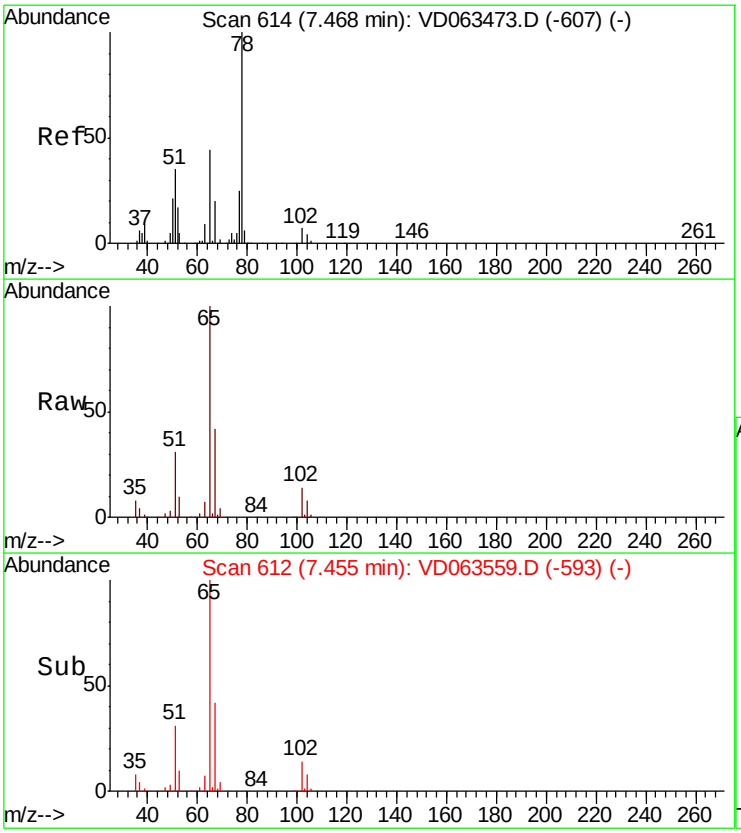
#31
Cyclohexane
Concen: 2.151 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 21248

Ion	Ratio	Lower	Upper
56	100		
69	209.7	25.0	37.6#
84	78.1	69.7	104.5

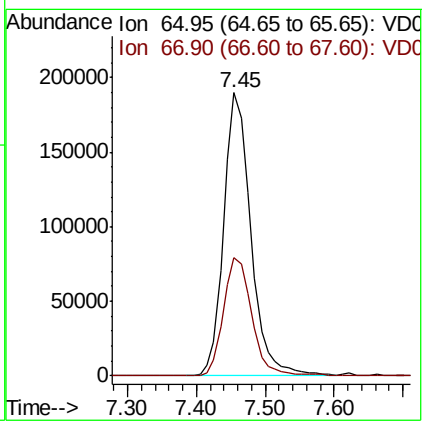


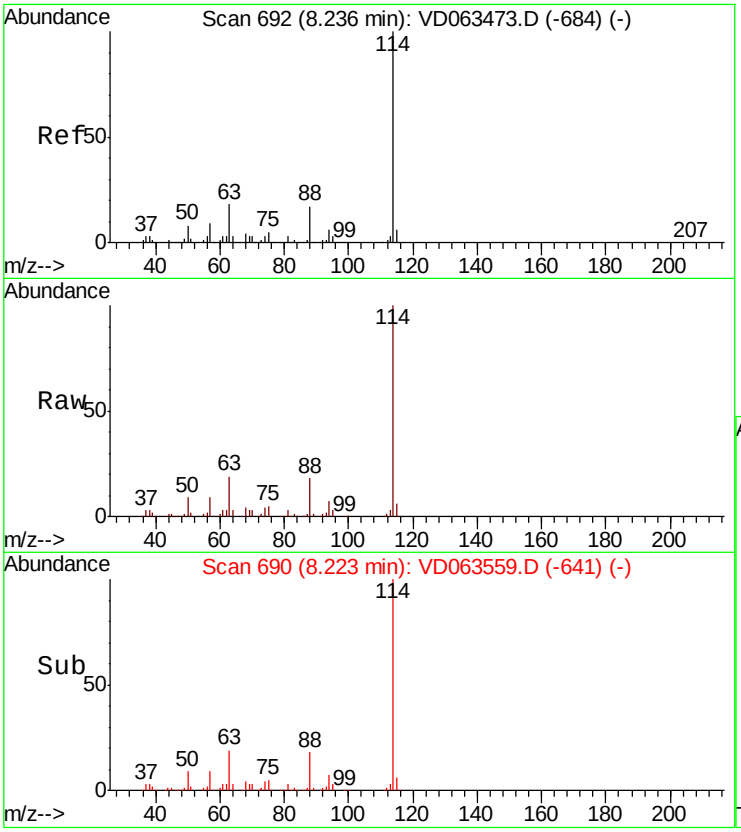


#33
1,2-Dichloroethane-d4
Concen: 47.419 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion: 65 Resp: 518734

Ion	Ratio	Lower	Upper
65	100		
67	41.6	0.0	89.2



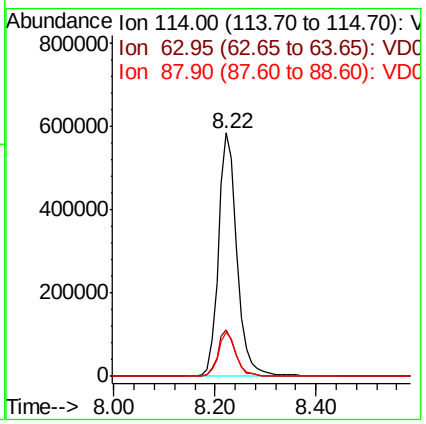


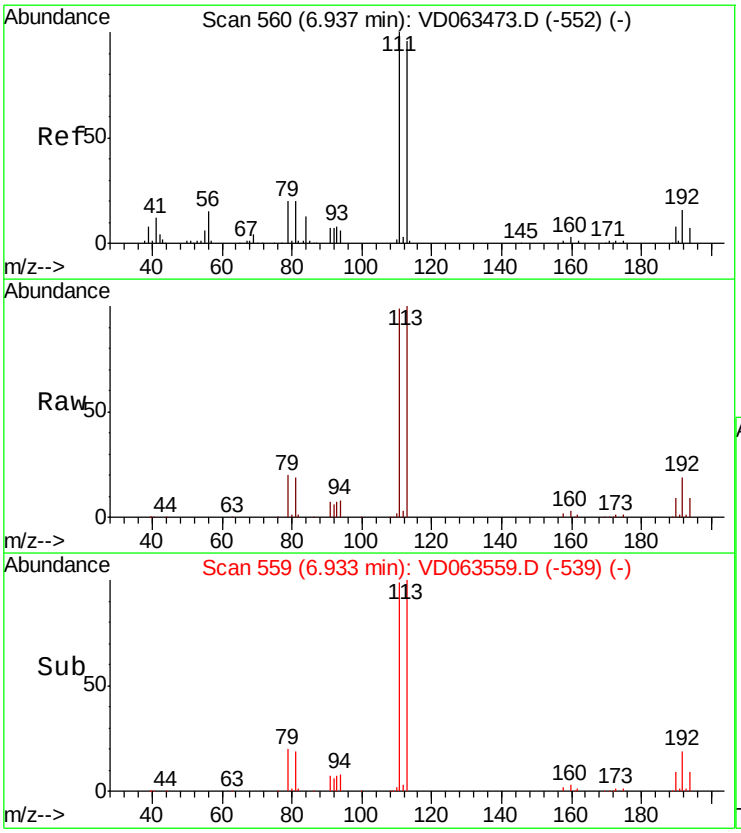
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1489572

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.2
88	17.9	0.0	35.0

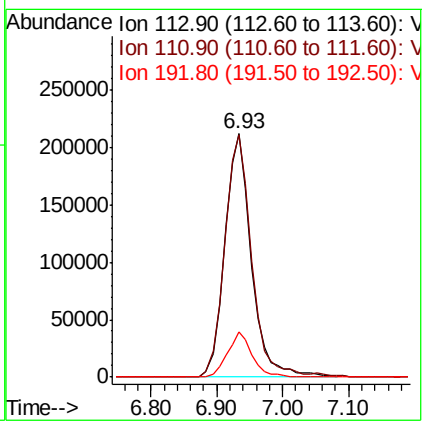


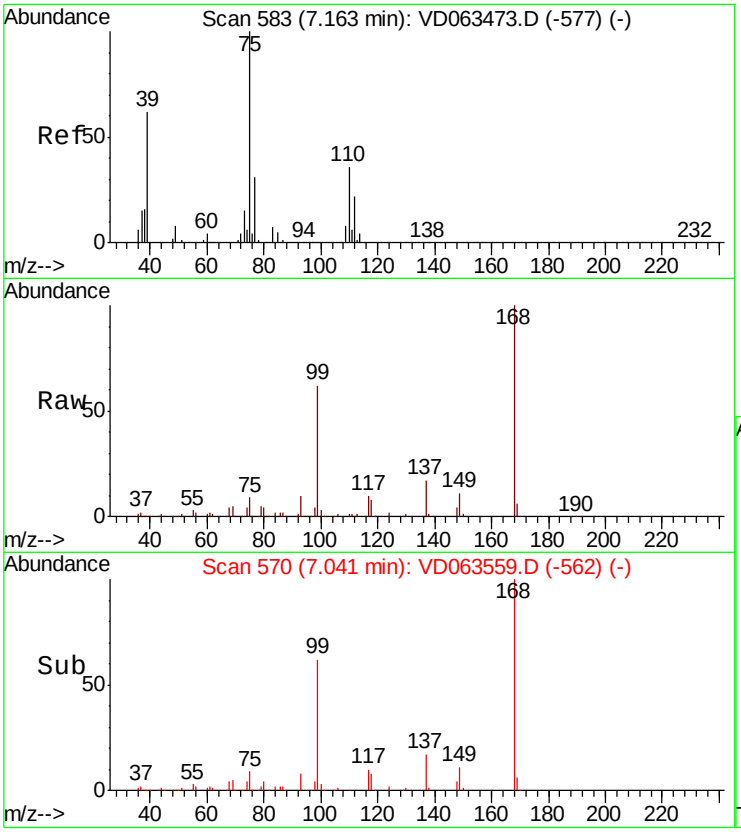


#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion:113 Resp: 597413

Ion	Ratio	Lower	Upper
113	100		
111	99.4	83.1	124.7
192	18.7	13.1	19.7



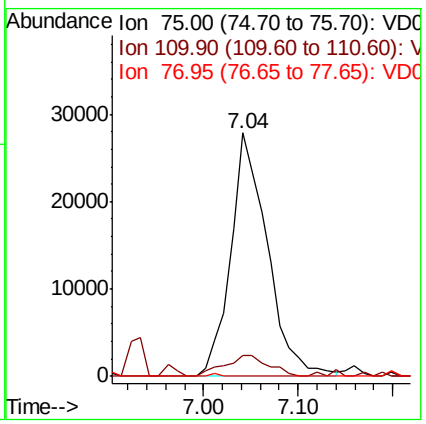


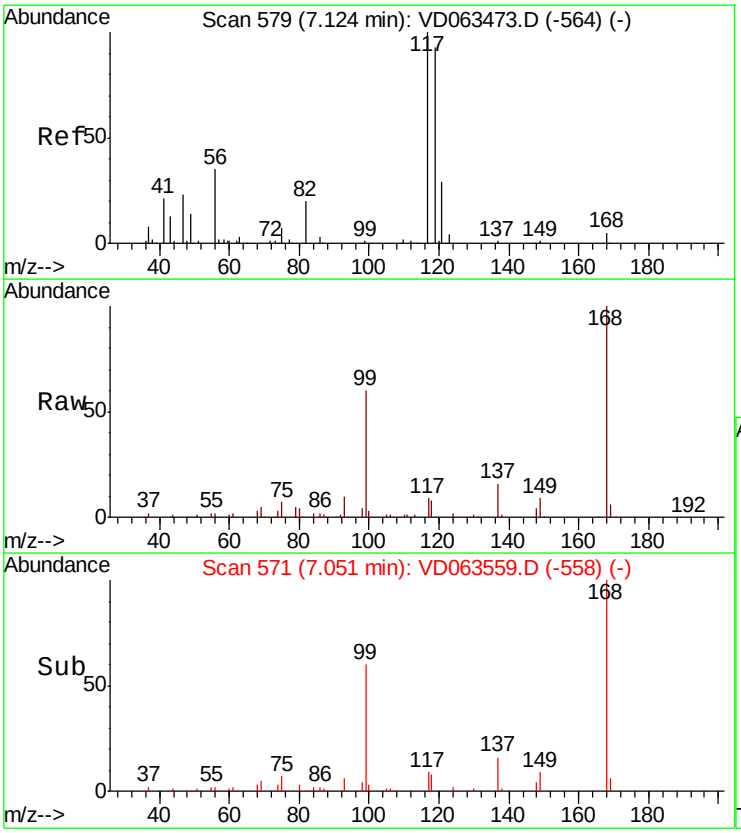
#36
1,1-Dichloropropene
Concen: 5.690 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.12 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 74925

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.6	52.8#
77	0.0	24.3	36.5#

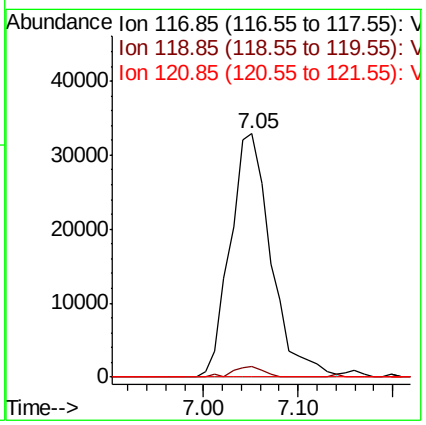


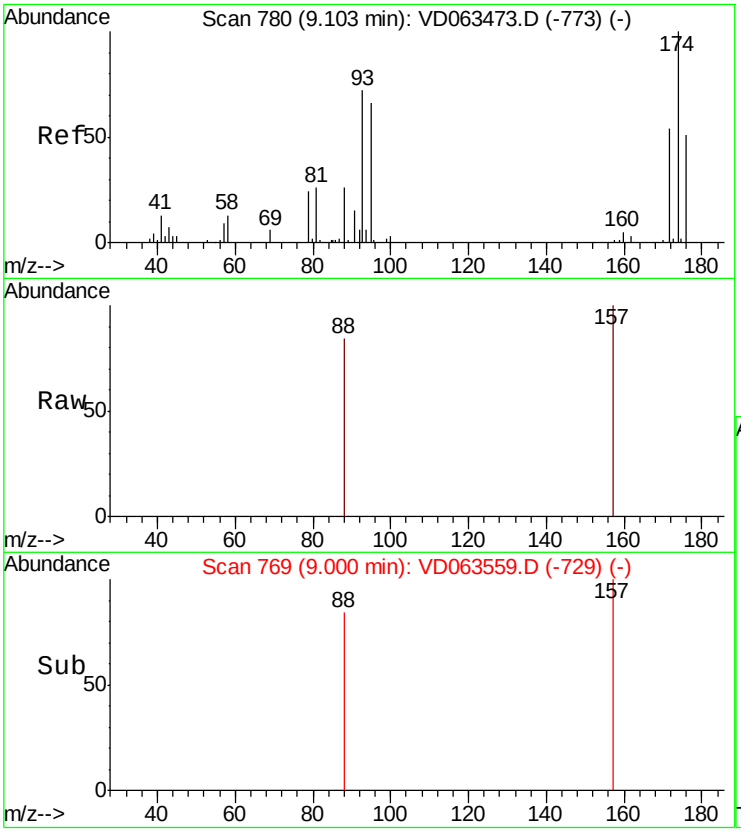


#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion:117 Resp: 98136

Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.2	111.2#
121	0.0	23.1	34.7#



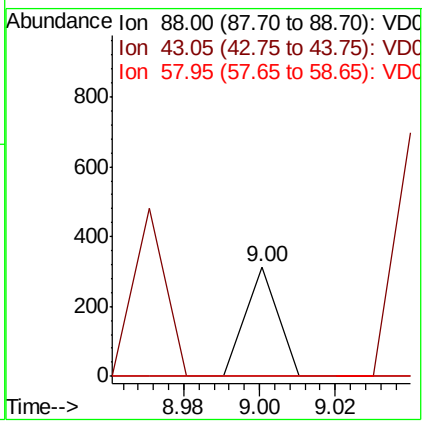


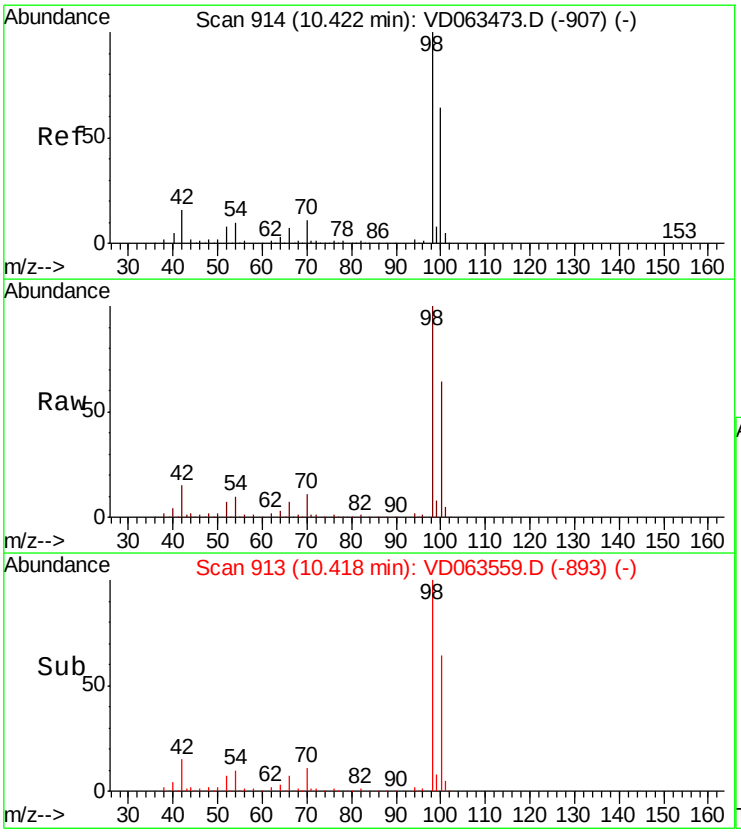
#49
1,4-Dioxane
Concen: 28.771 ug/l
RT: 9.00 min Scan# 769
Delta R.T. -0.10 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 185

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

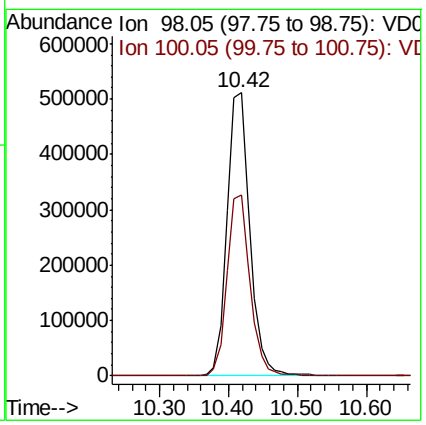


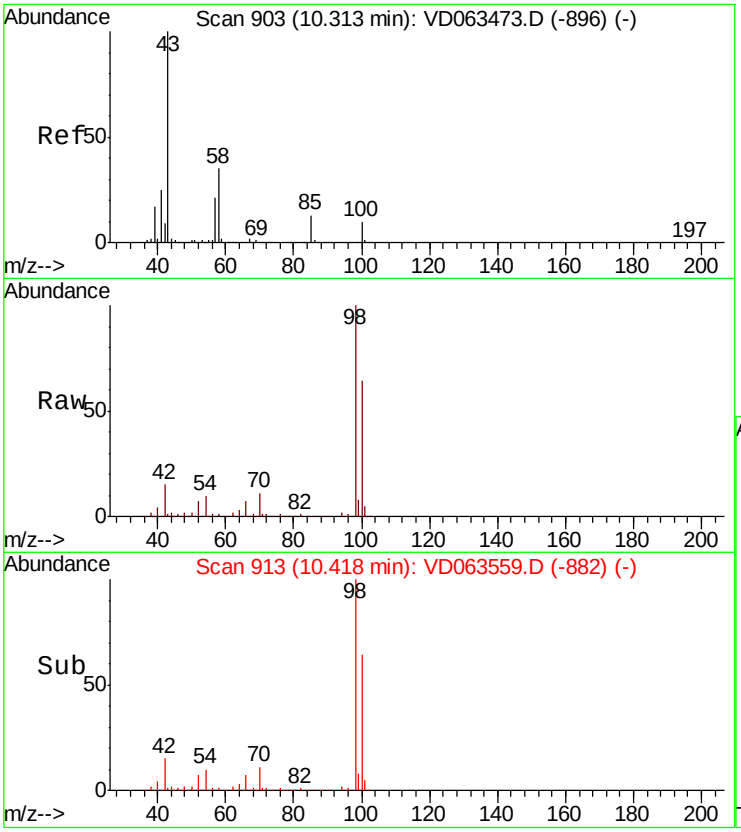


#50
Toluene-d8
Concen: 42.486 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion: 98 Resp: 1171826

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5



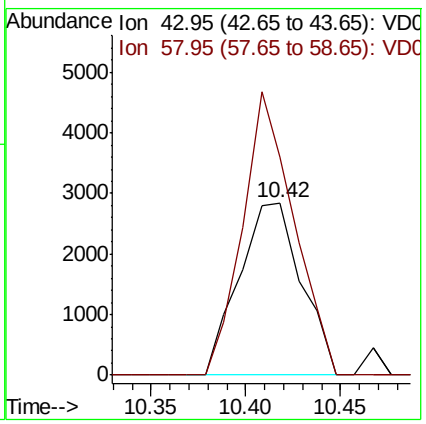


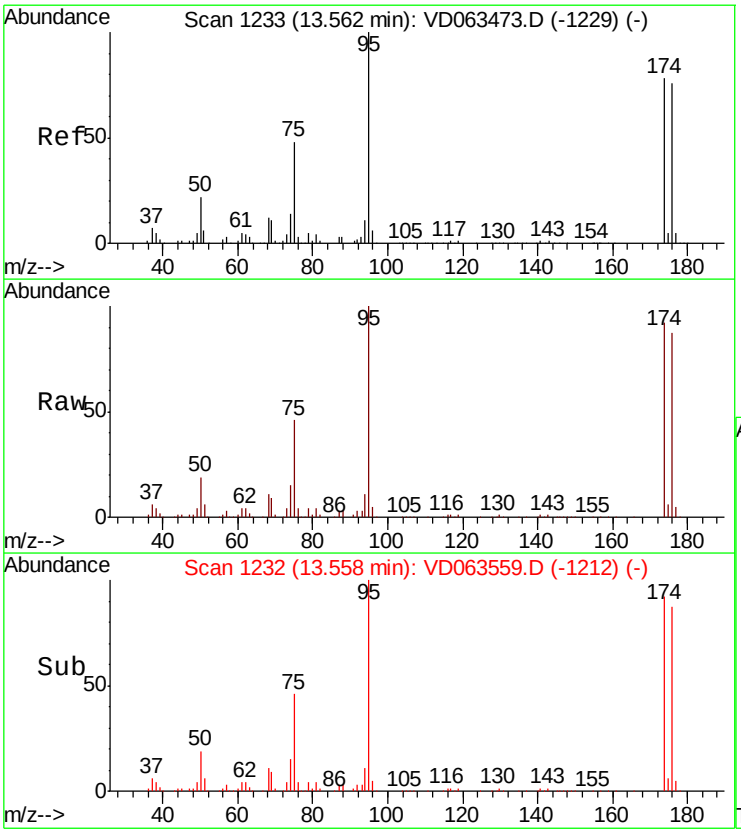
#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.10 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 6489

Ion	Ratio	Lower	Upper
43	100		
58	126.5	28.0	42.0#

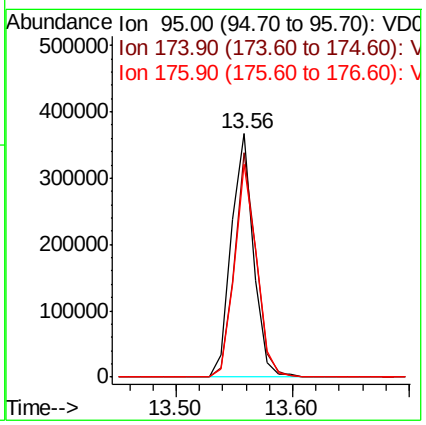


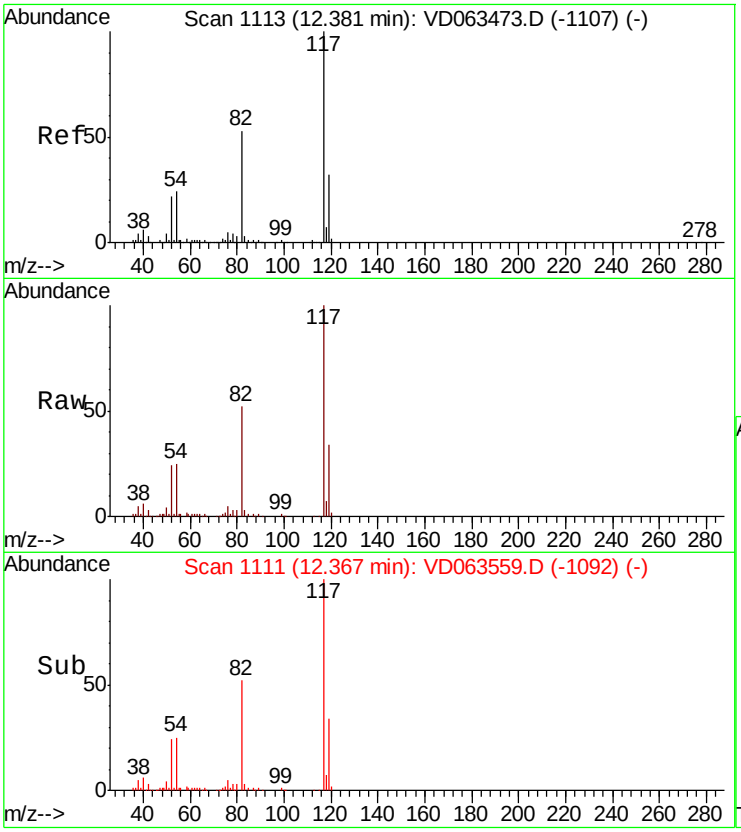


#62
4-Bromofluorobenzene
Concen: 38.632 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion: 95 Resp: 482936

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	155.4
176	87.3	0.0	152.4



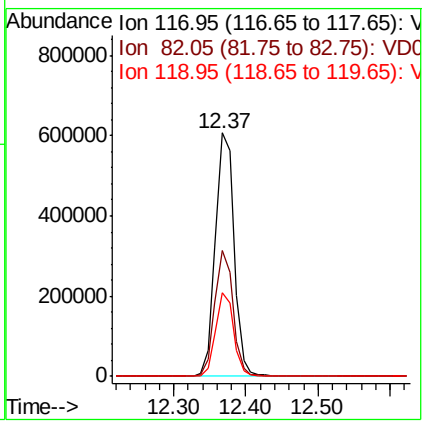


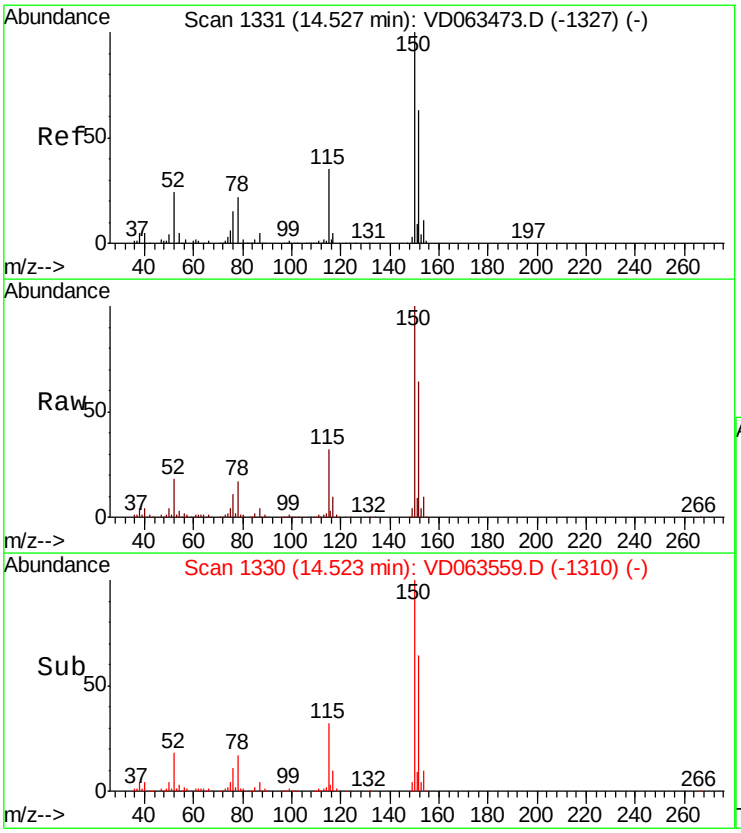
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 1084817

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.0	63.0
119	34.2	25.4	38.0

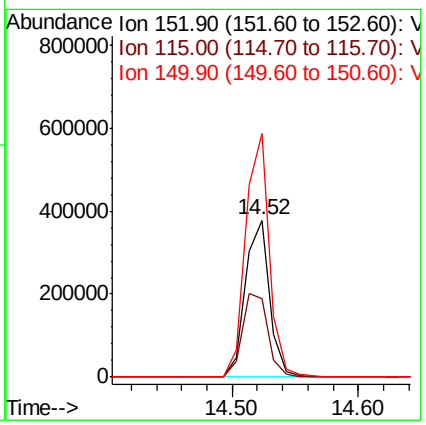


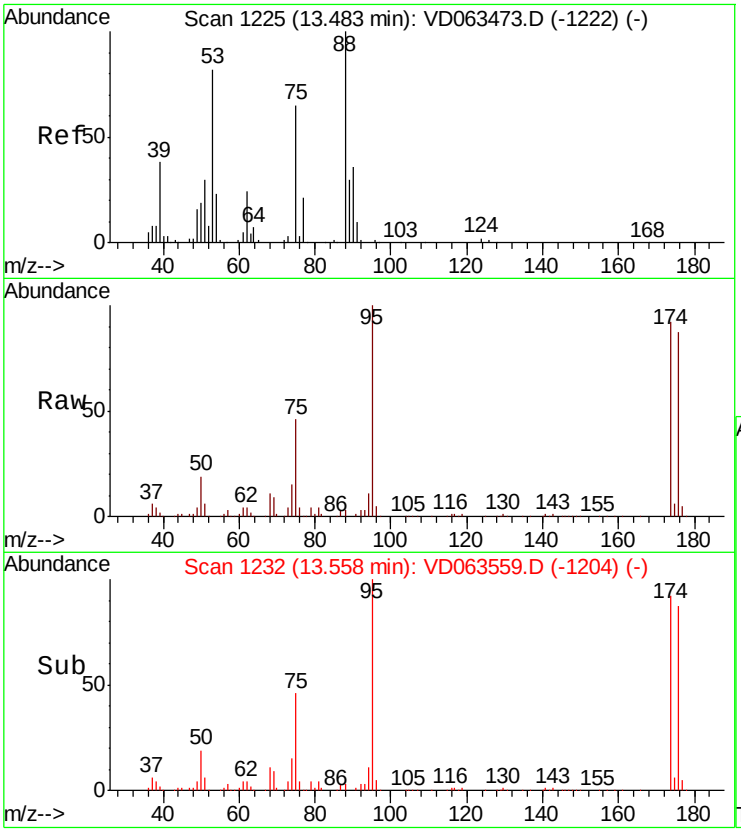


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Tgt Ion:152 Resp: 502183

Ion	Ratio	Lower	Upper
152	100		
115	50.1	30.9	92.7
150	155.2	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 137.888 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063559.D
Acq: 14 Aug 2019 7:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 213595

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