Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063642.D
Acq On : 16 Aug 2019 17:10
Operator : JC/SY
Sample : K4389-03
Misc : 5.13g/5ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T6-E3(2)

Quant Time: Aug 17 07:11:43 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	7.04	168	848079	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1172896	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	818053	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	234332	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	538947	59.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 118.90%			
35) Dibromofluoromethane	6.91	113	547766	55.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.90%			
50) Toluene-d8	10.41	98	993537	45.75	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.50%			
62) 4-Bromofluorobenzene	13.55	95	314769	31.98	ug/l	-0.01
Spiked Amount 50.000			Recovery = 63.96%			
Target Compounds						Qvalue
16) Acetone	3.22	43	52212	28.333	ug/l	94
20) Methylene Chloride	3.80	84	69879	8.769	ug/l	93

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

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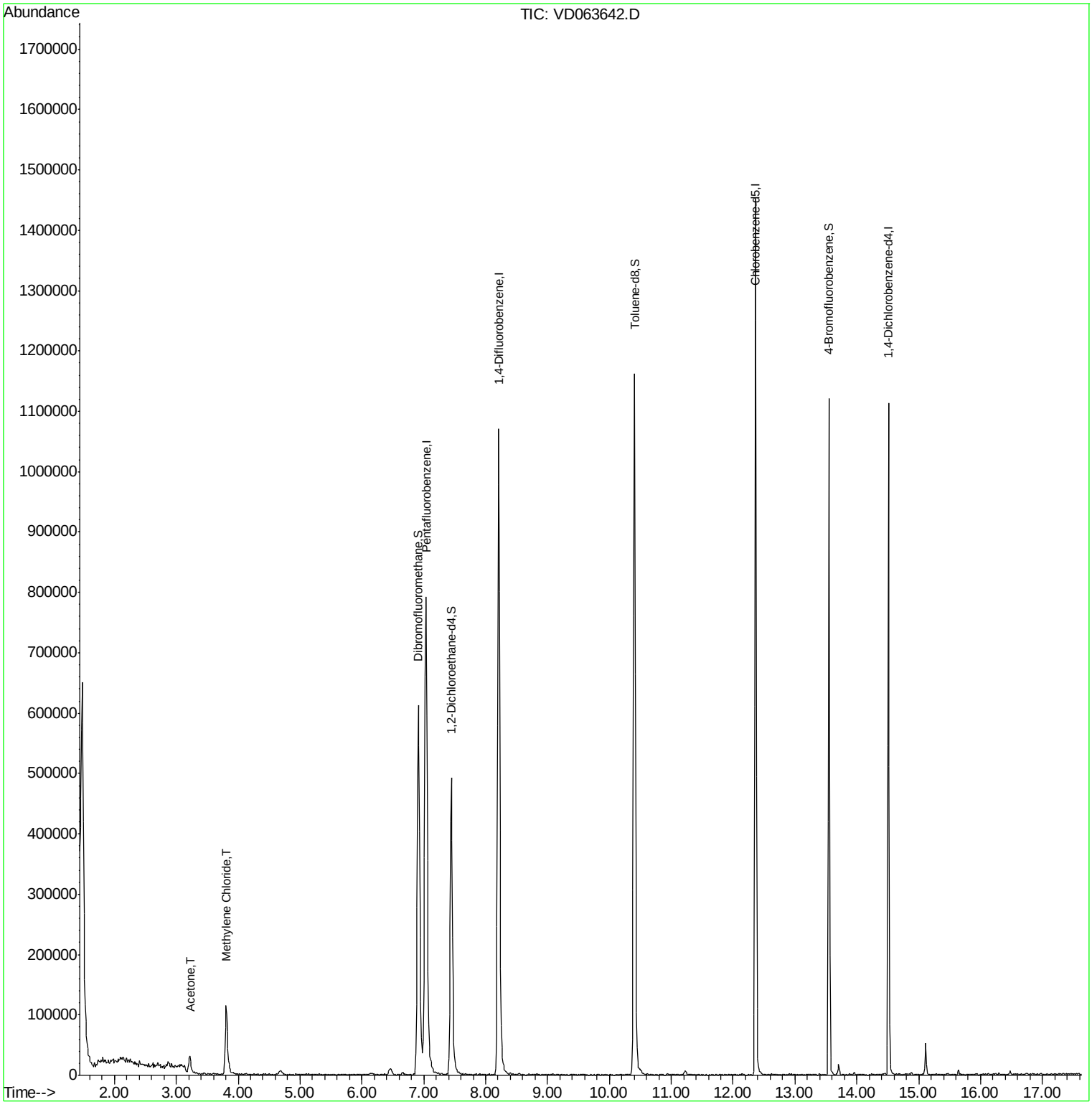
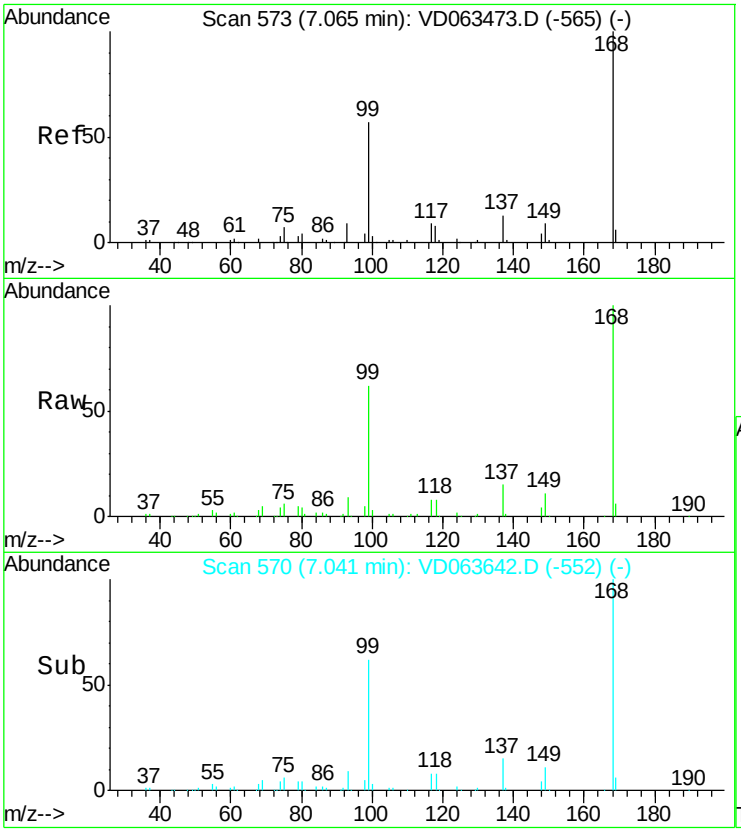


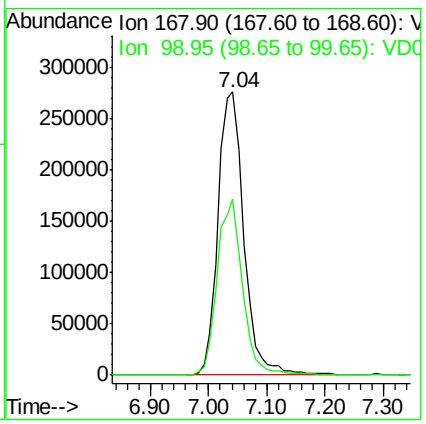


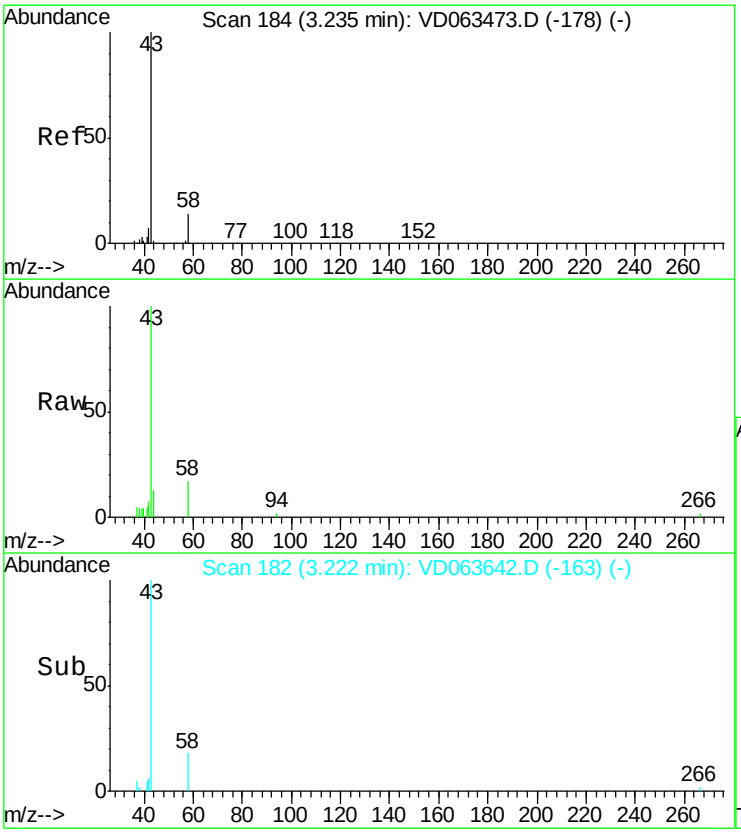
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion:168 Resp: 848079

Ion	Ratio	Lower	Upper
168	100		
99	62.0	46.7	70.1

Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

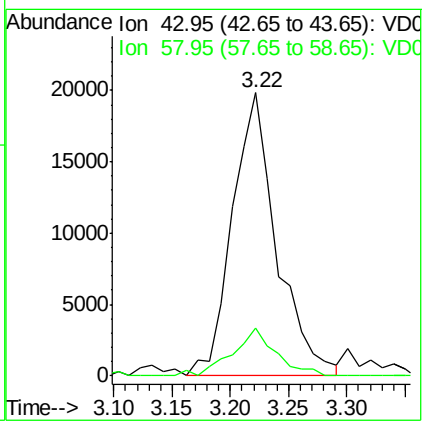


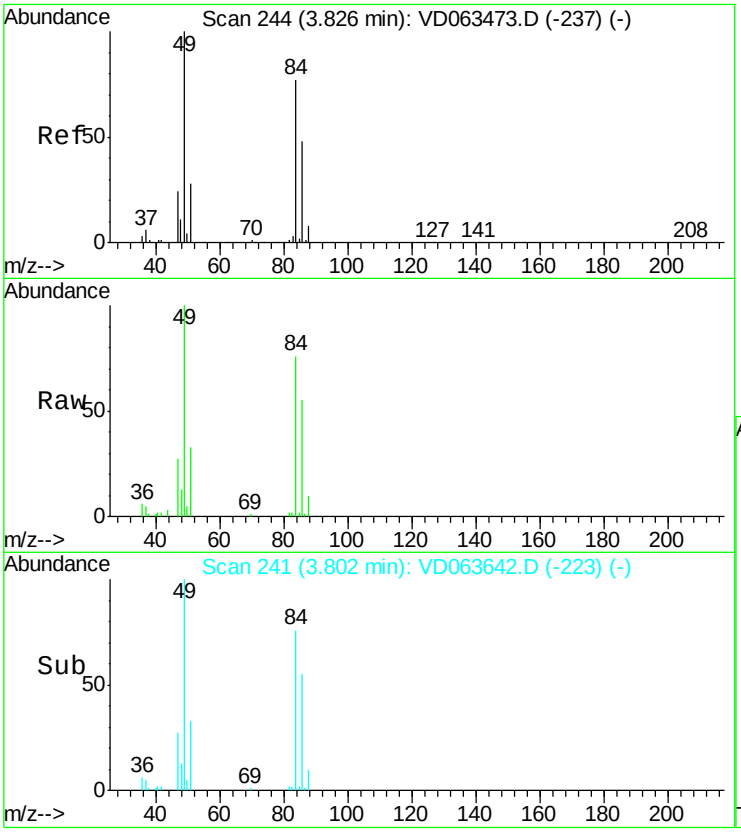


#16
Acetone
Concen: 28.333 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 43 Resp: 52212

Ion	Ratio	Lower	Upper
43	100		
58	16.9	11.4	17.2



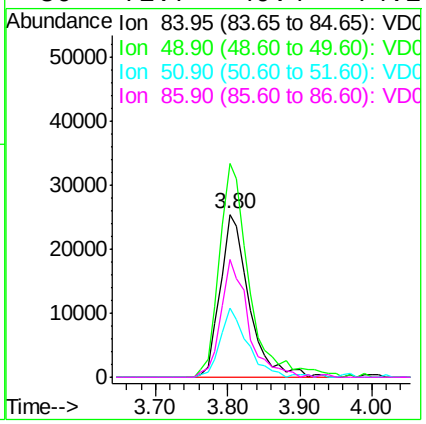


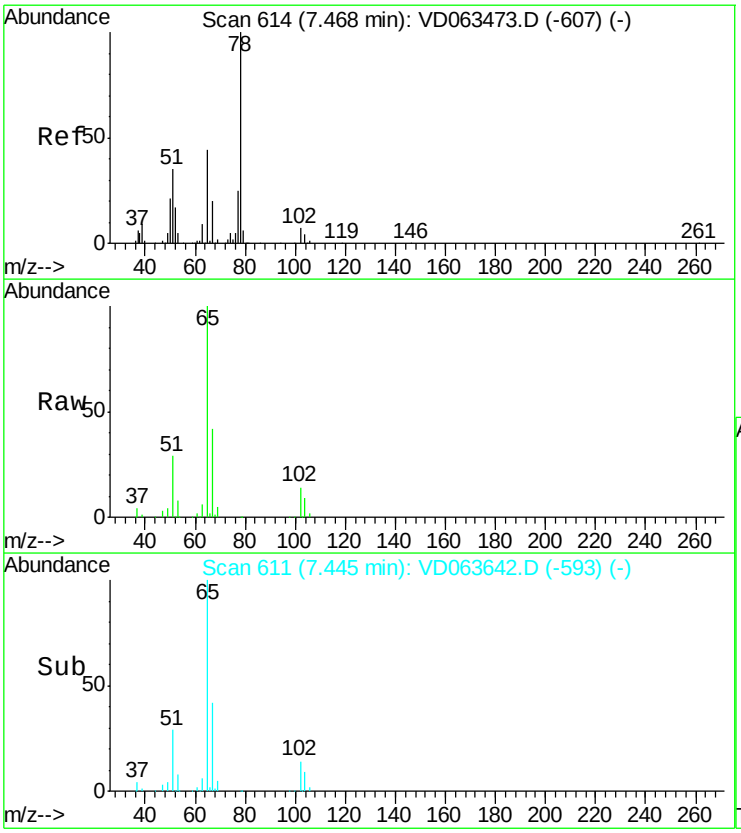
#20
Methylene Chloride
Concen: 8.769 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Instrument : MSVOA_D
ClientSampleId : T6-E3(2)

Tgt Ion: 84 Resp: 69879

Ion	Ratio	Lower	Upper
84	100		
49	131.2	103.4	155.2
51	42.7	28.5	42.7
86	72.7	49.4	74.2

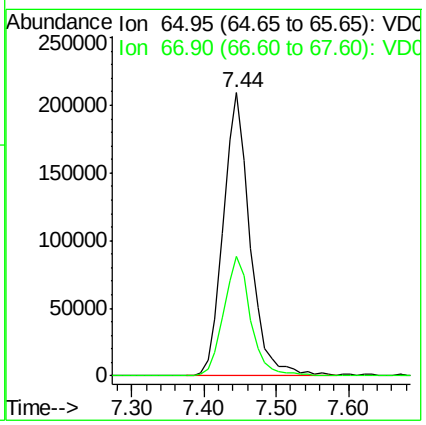


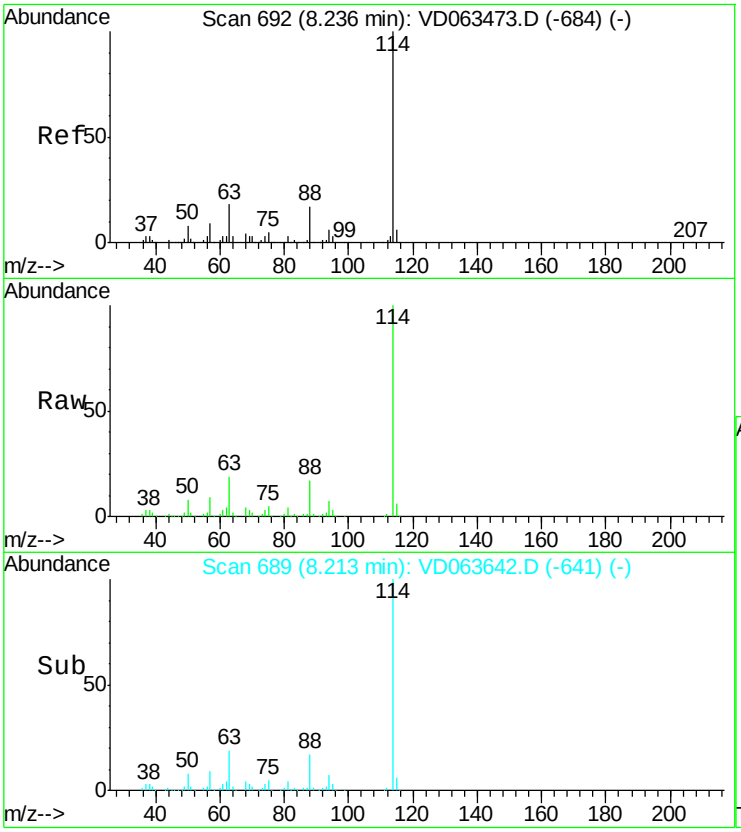


#33
1,2-Dichloroethane-d4
Concen: 59.452 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 65 Resp: 538947

Ion	Ratio	Lower	Upper
65	100		
67	42.3	0.0	89.2



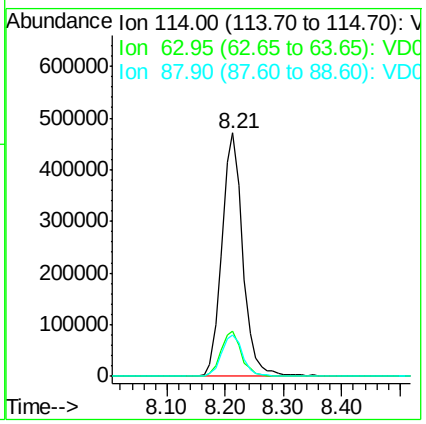


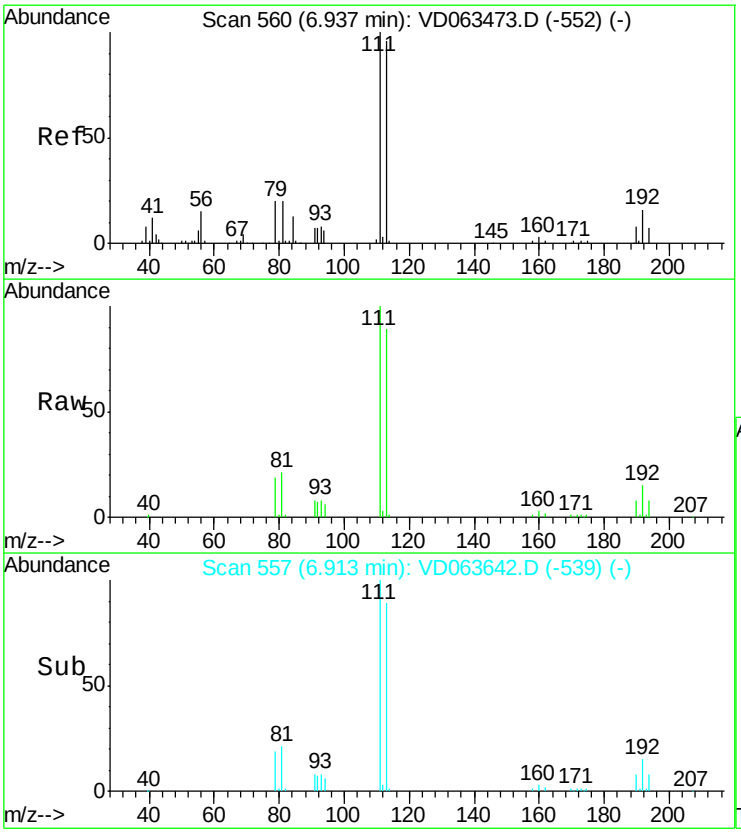
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

Tgt Ion:114 Resp: 1172896

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.2
88	17.2	0.0	35.0

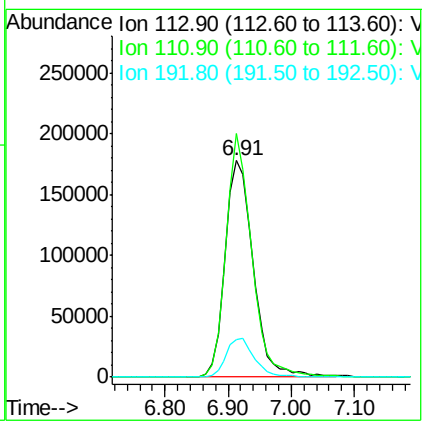


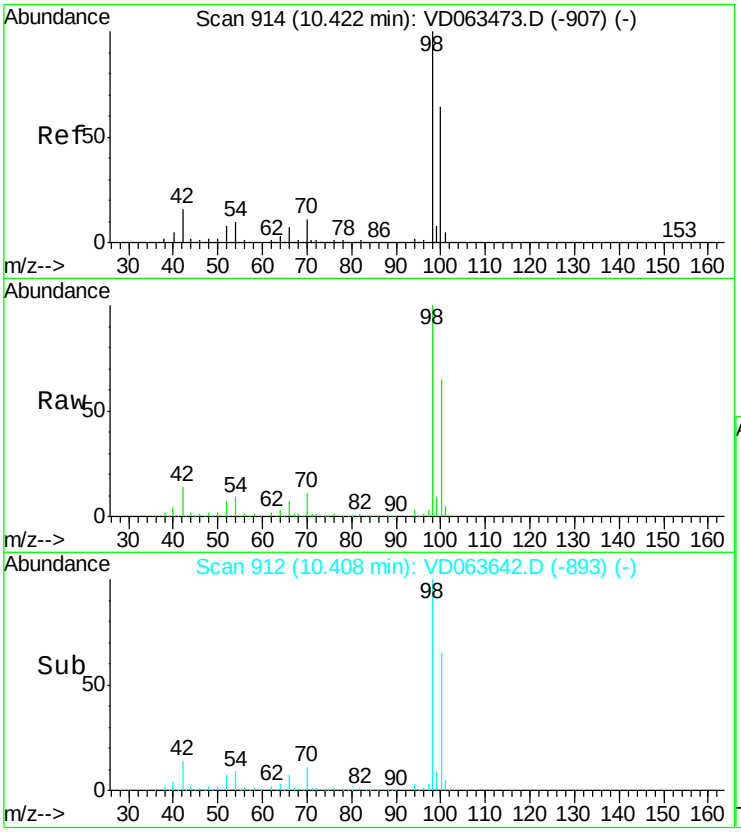


#35
Dibromofluoromethane
Concen: 55.452 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion:113 Resp: 547766

Ion	Ratio	Lower	Upper
113	100		
111	112.6	83.1	124.7
192	17.2	13.1	19.7



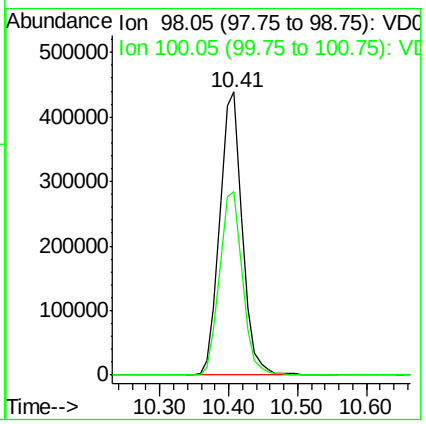


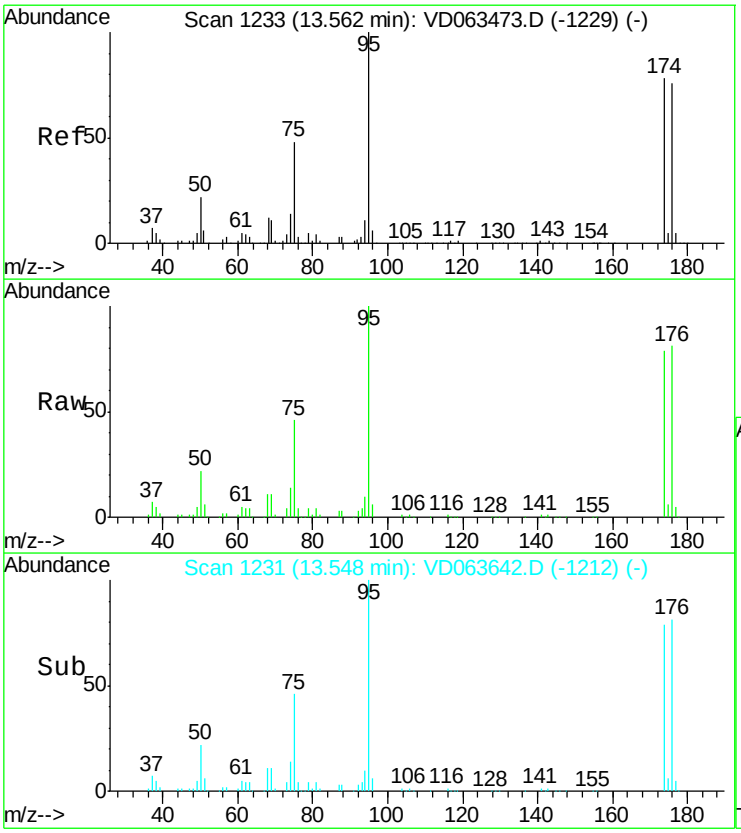
#50
Toluene-d8
Concen: 45.748 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Instrument :
MSVOA_D
ClientSampleId :
T6-E3(2)

Tgt Ion: 98 Resp: 993537

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5

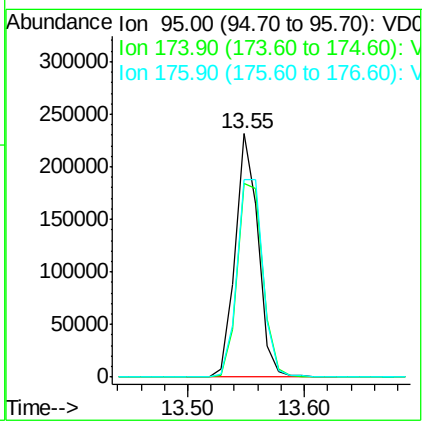


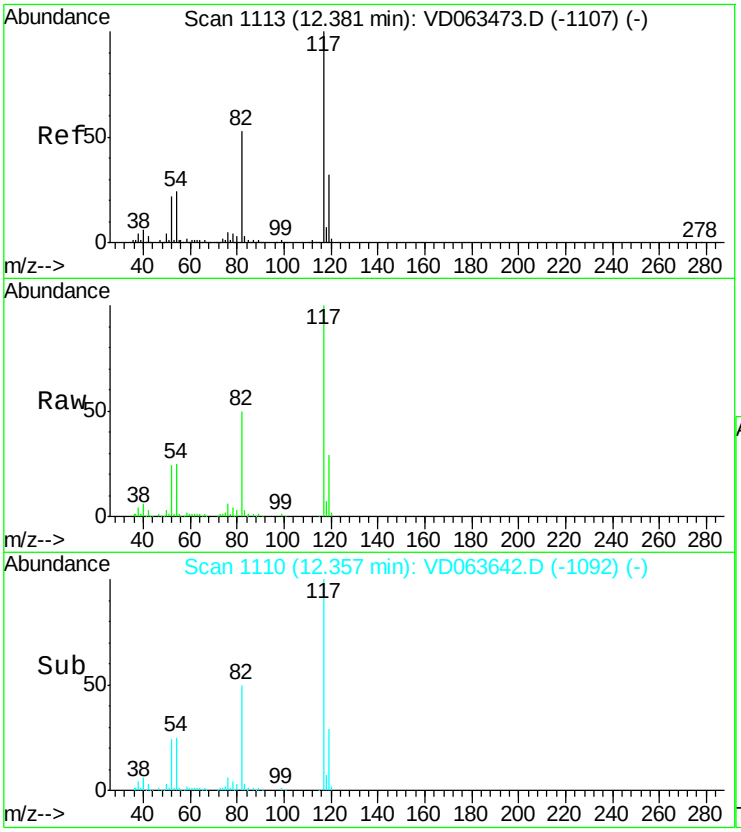


#62
4-Bromofluorobenzene
Concen: 31.978 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion: 95 Resp: 314769

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	155.4
176	81.3	0.0	152.4



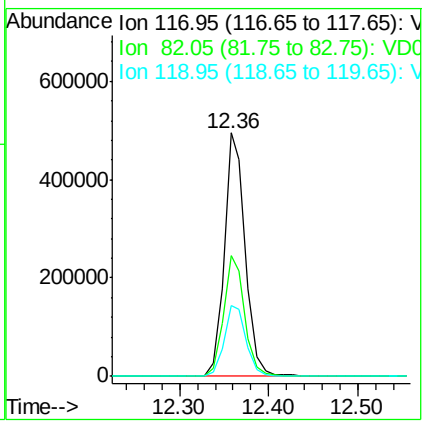


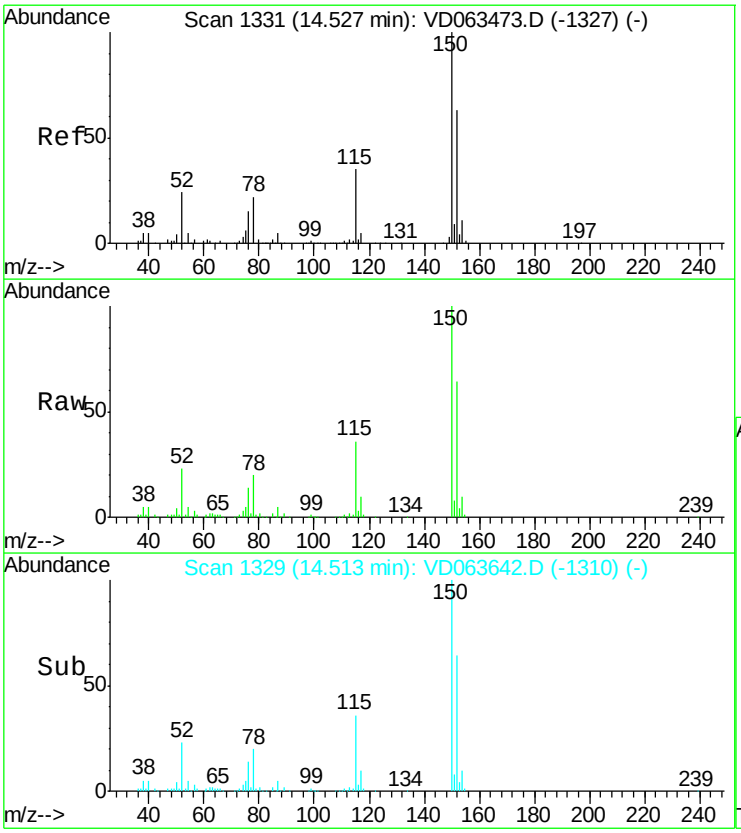
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Instrument : MSVOA_D
ClientSampleId : T6-E3(2)

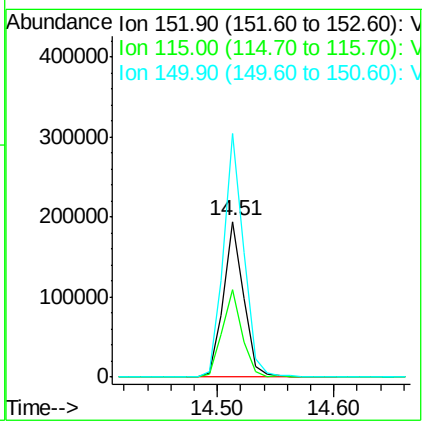
Tgt Ion:117 Resp: 818053

Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.0	63.0
119	29.0	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063642.D
Acq: 16 Aug 2019 17:10

Tgt Ion:152 Resp: 234332

Ion	Ratio	Lower	Upper
152	100		
115	56.4	30.9	92.7
150	156.5	0.0	318.6