Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042319\
Data File : VD061973.D
Acq On : 23 Apr 2019 16:40
Operator : VA/AP
Sample : K2203-13
Misc : 6.73g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Quant Time: Apr 23 17:06:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	636578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	995716	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	782150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	383698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	231430	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.90%			
35) Dibromofluoromethane	6.92	113	326355	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.78%			
50) Toluene-d8	10.41	98	564571	34.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.90%			
62) 4-Bromofluorobenzene	13.56	95	296500	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.22%			
Target Compounds						Qvalue
16) Acetone	3.20	43	26728	22.468	ug/l #	89
20) Methylene Chloride	3.81	84	50248	5.861	ug/l	95
52) Toluene	10.51	92	56690	4.629	ug/l	95
68) m/p-Xylenes	12.66	106	13853	1.589	ug/l	93
69) o-Xylene	13.05	106	19263	2.415	ug/l	97

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

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SU-02-041819-A

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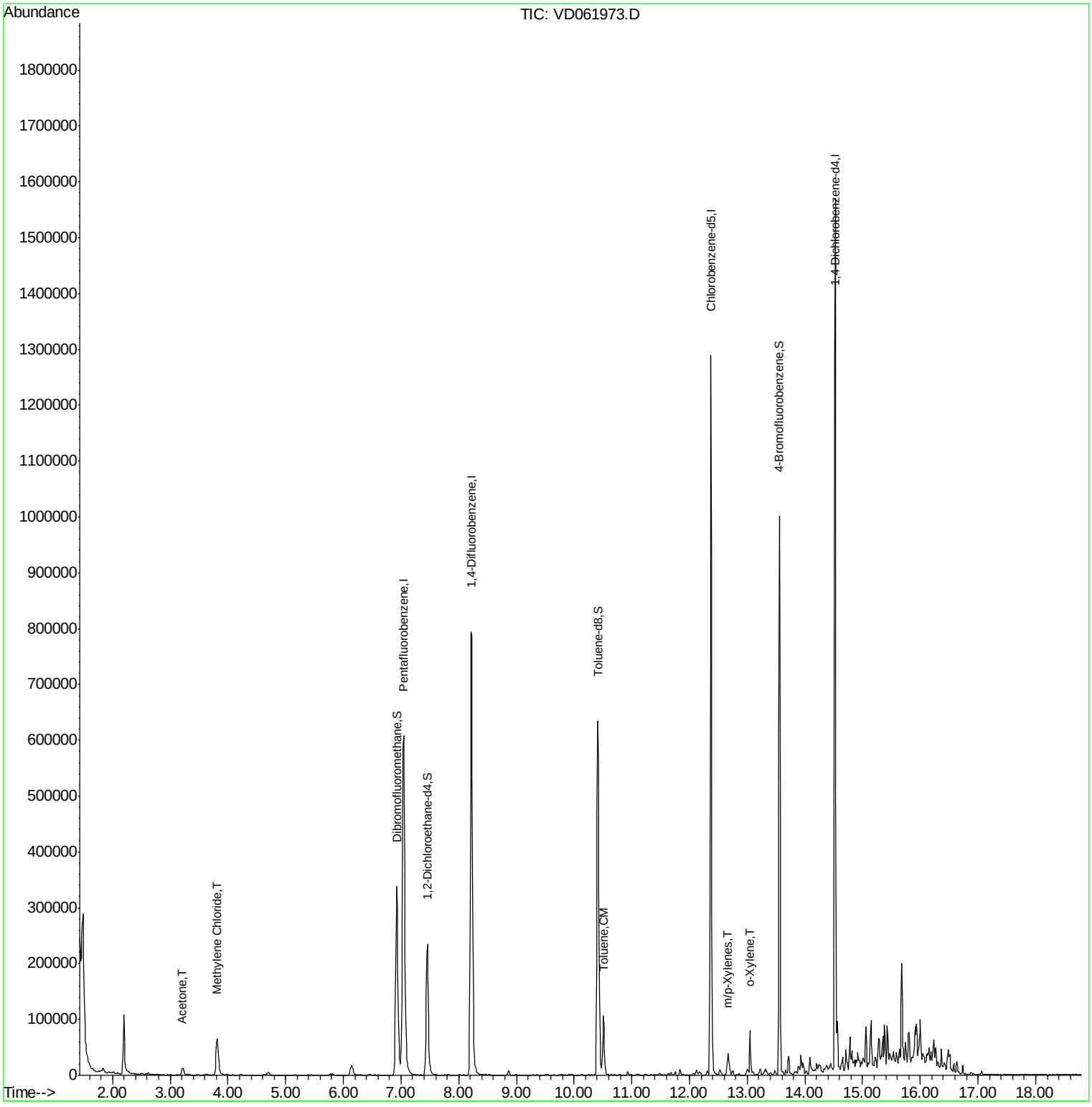
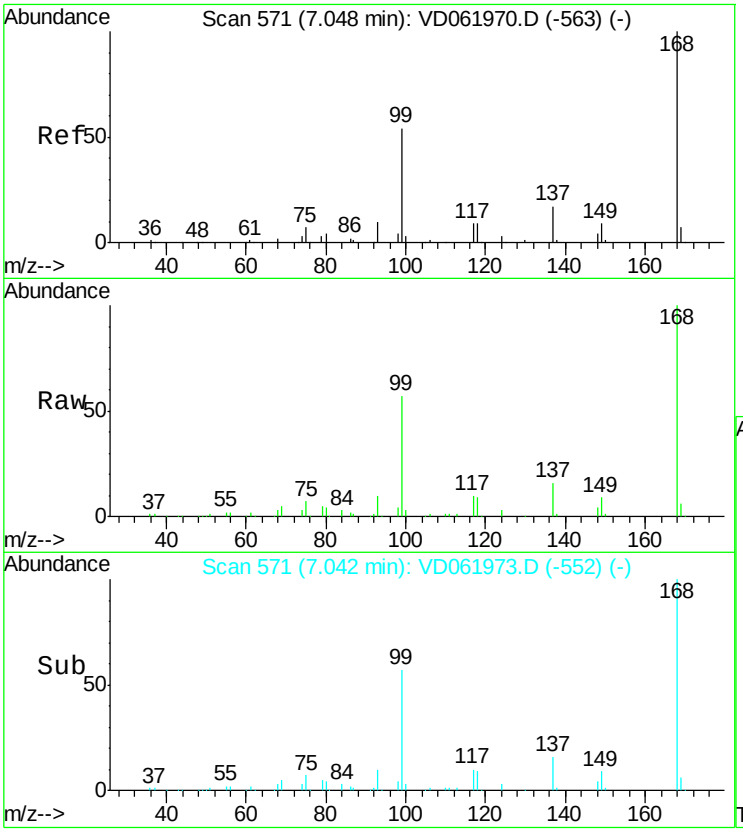


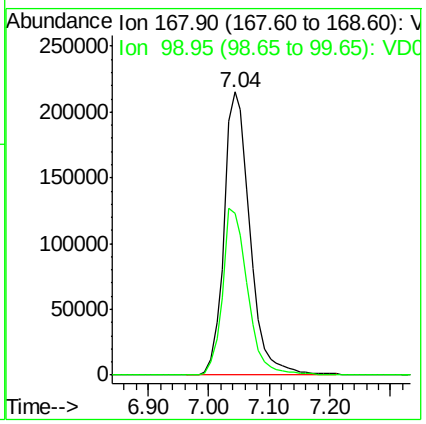


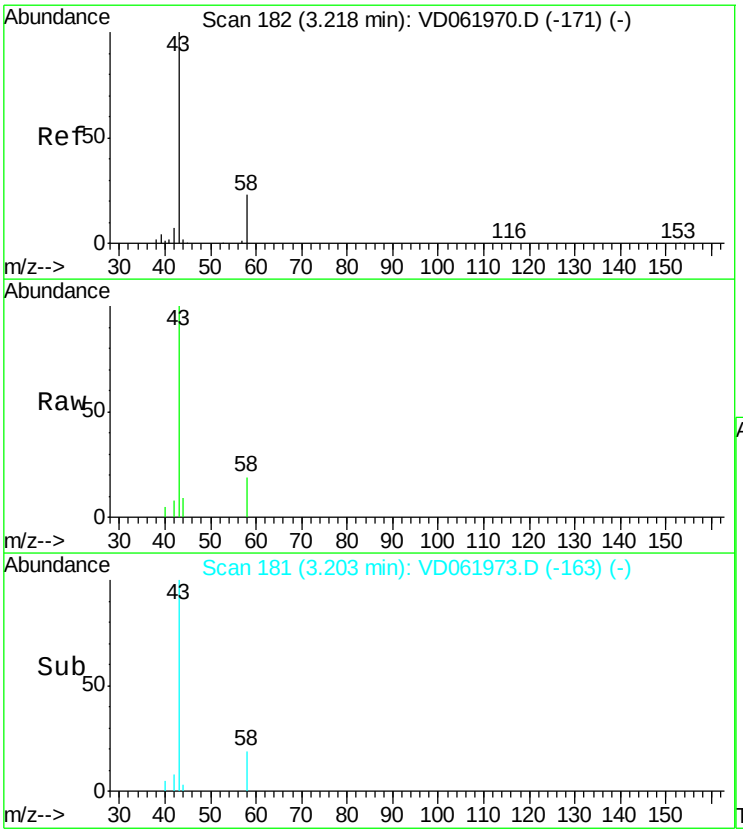
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:168 Resp: 636578

Ion	Ratio	Lower	Upper
168	100		
99	57.2	46.5	69.7

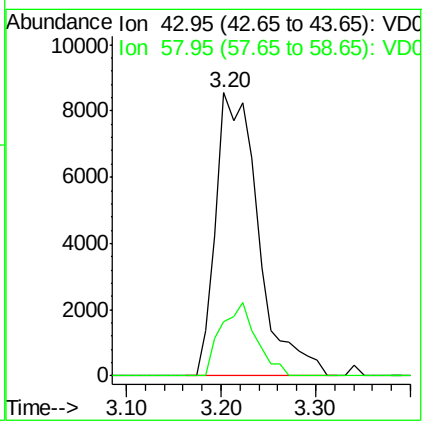


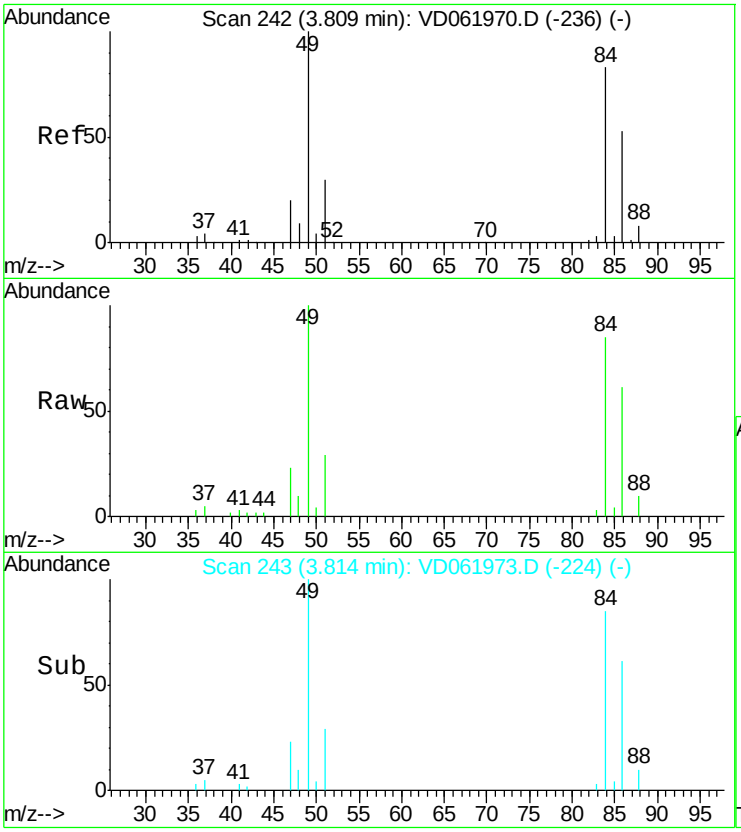


#16
Acetone
Concen: 22.468 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion: 43 Resp: 26728

Ion	Ratio	Lower	Upper
43	100		
58	19.4	19.9	29.9#



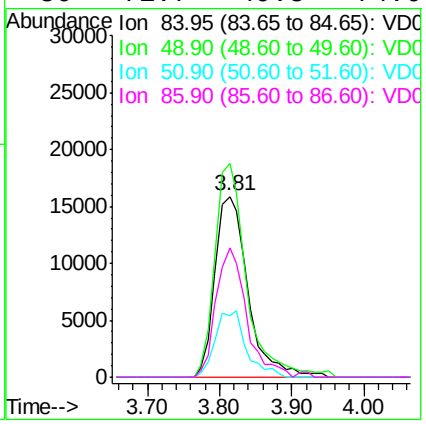


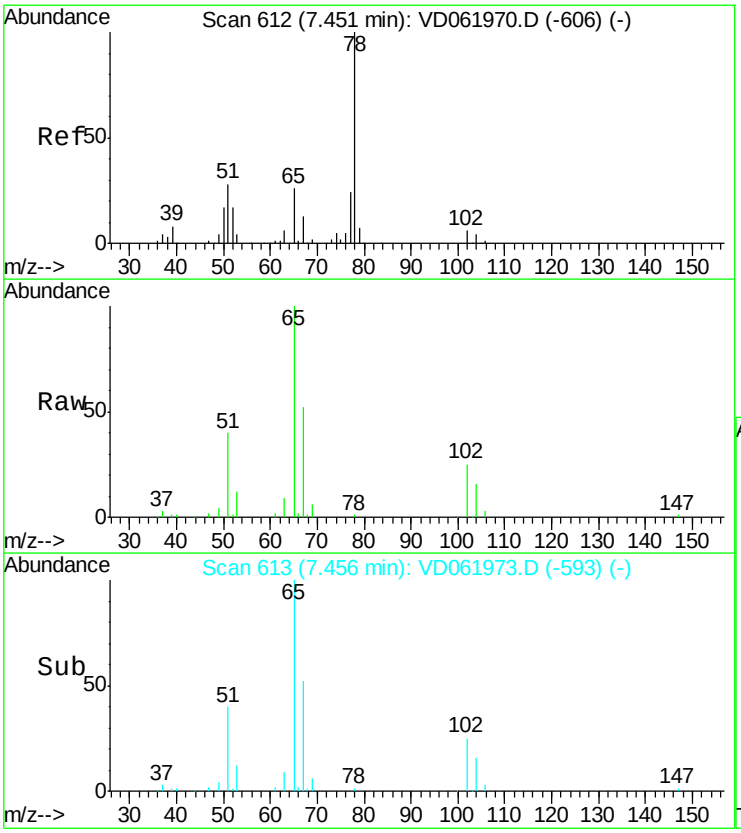
#20
Methylene Chloride
Concen: 5.861 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Tgt Ion: 84 Resp: 50248

Ion	Ratio	Lower	Upper
84	100		
49	118.1	94.0	141.0
51	33.7	29.0	43.4
86	71.7	49.8	74.6

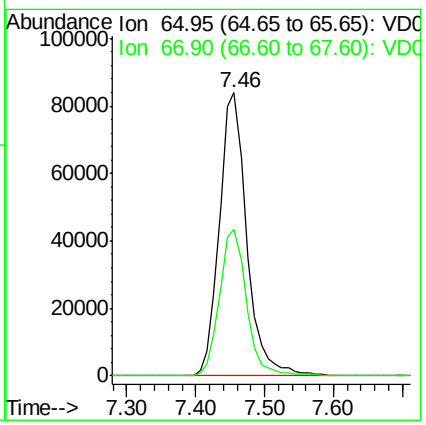


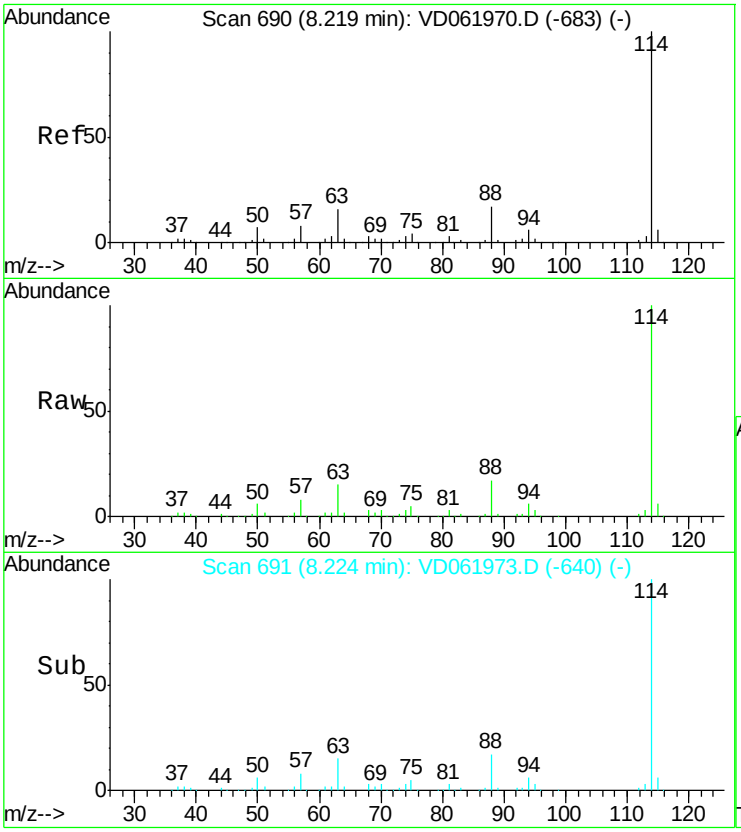


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion: 65 Resp: 231430

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	98.0



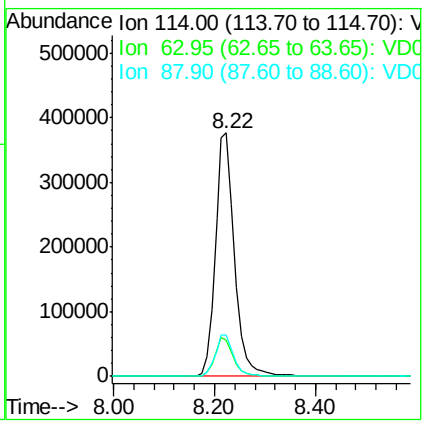


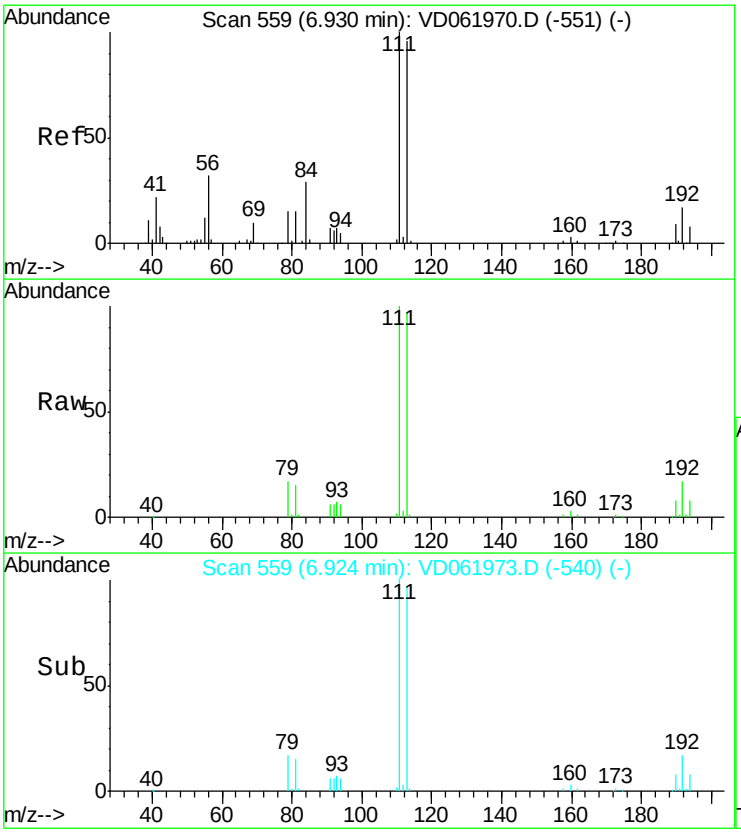
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:114 Resp: 995716

Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	32.4
88	17.0	0.0	33.6

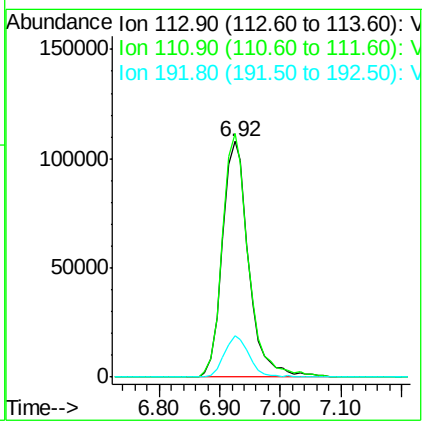


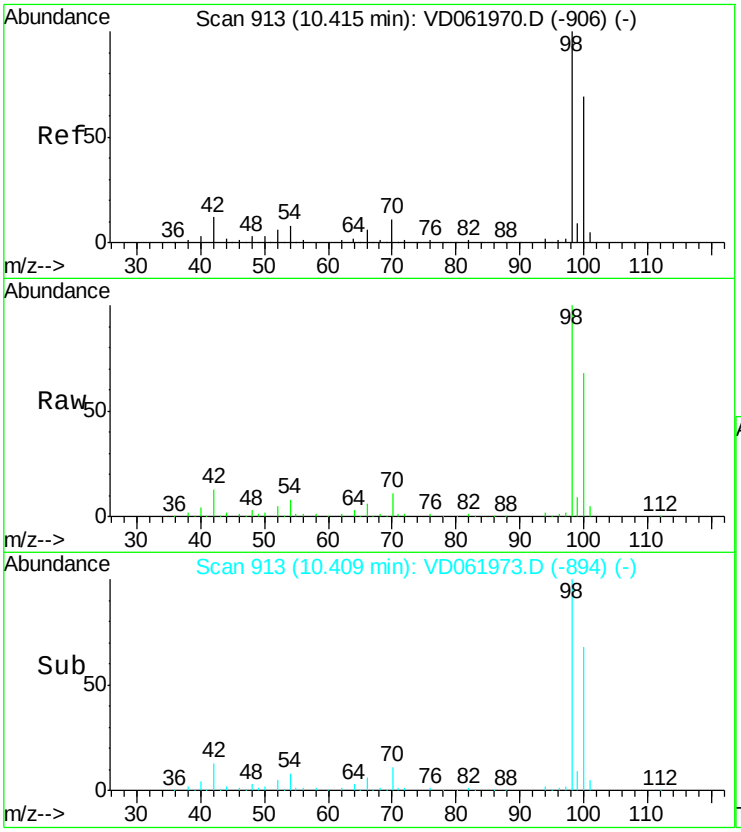


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion:113 Resp: 326355

Ion	Ratio	Lower	Upper
113	100		
111	103.3	78.5	117.7
192	17.8	13.0	19.4



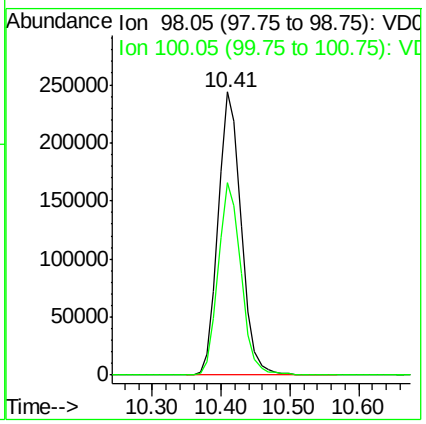


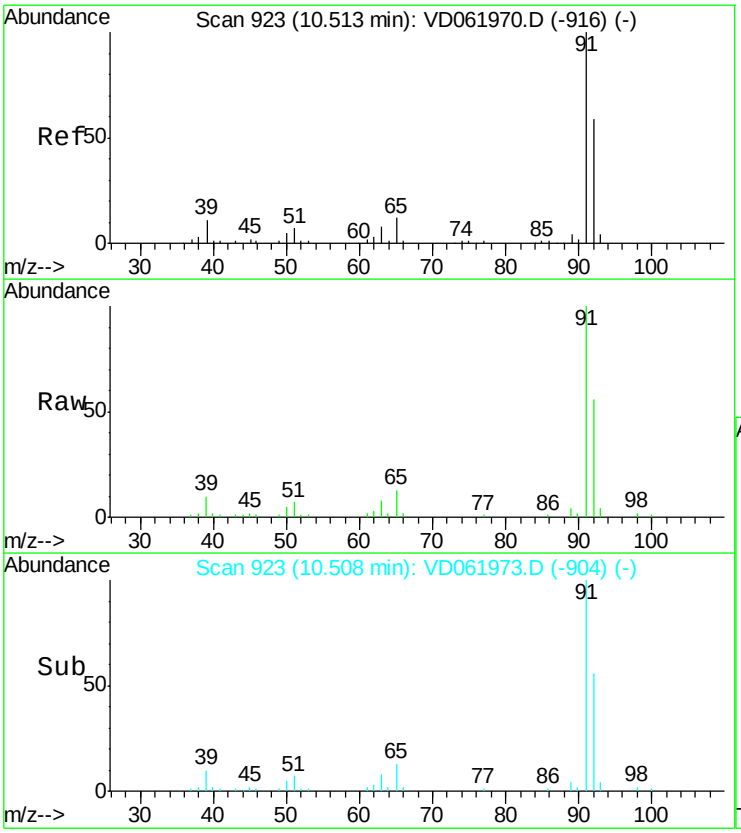
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion: 98 Resp: 564571

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.8	80.8

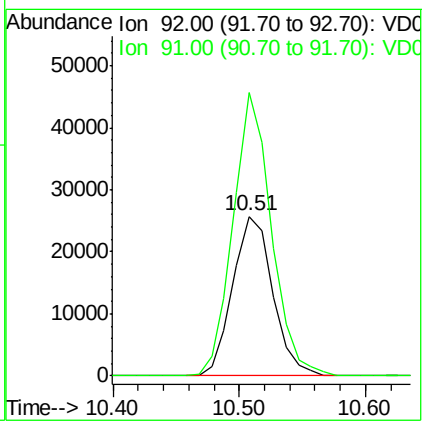


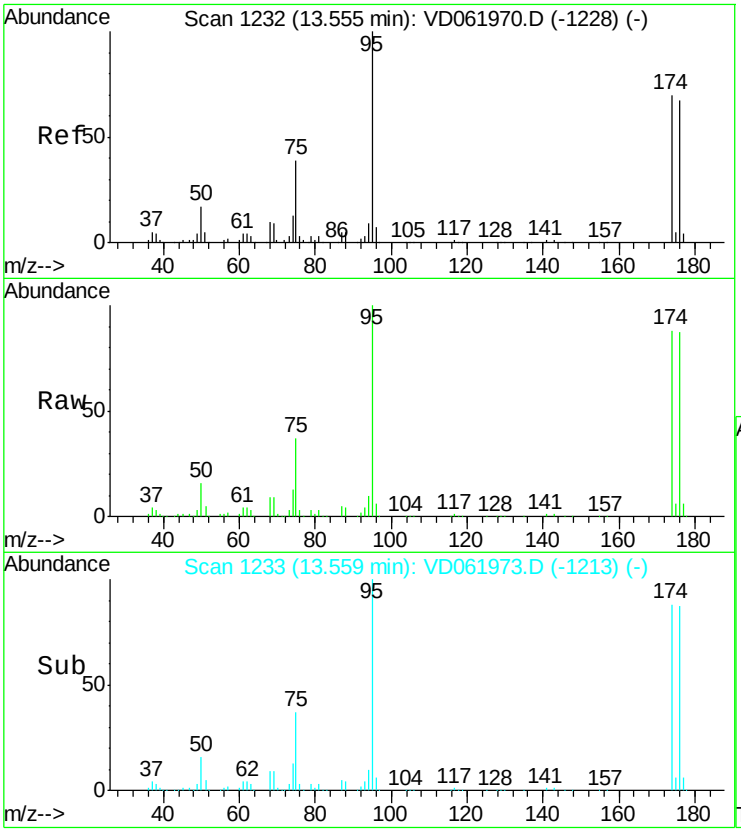


#52
Toluene
Concen: 4.629 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion: 92 Resp: 56690

Ion	Ratio	Lower	Upper
92	100		
91	177.6	136.6	204.8



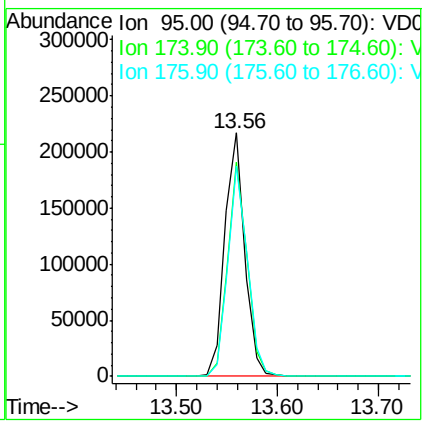


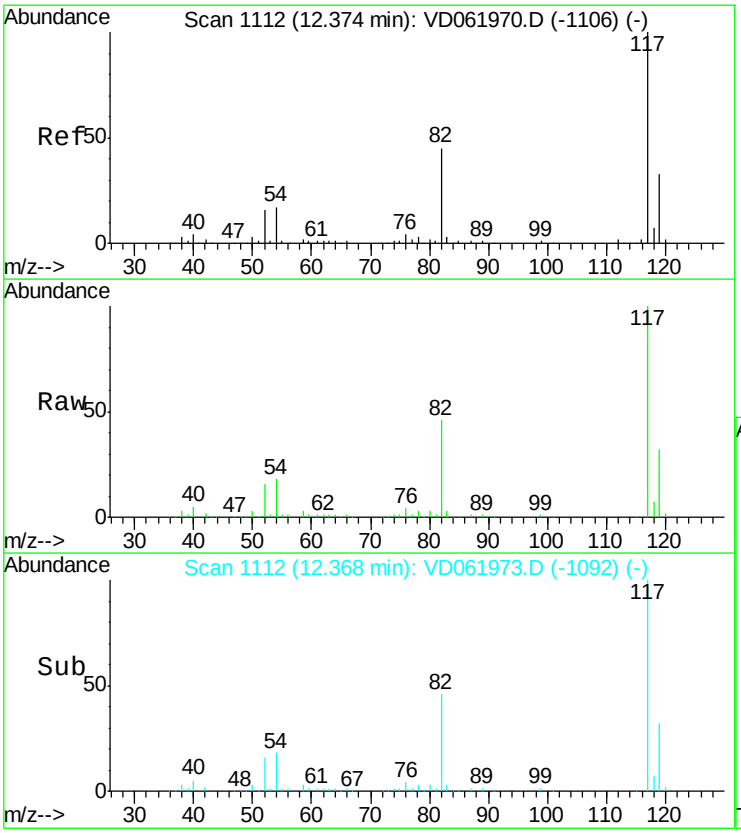
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion: 95 Resp: 296500

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	181.8
176	86.6	0.0	174.4

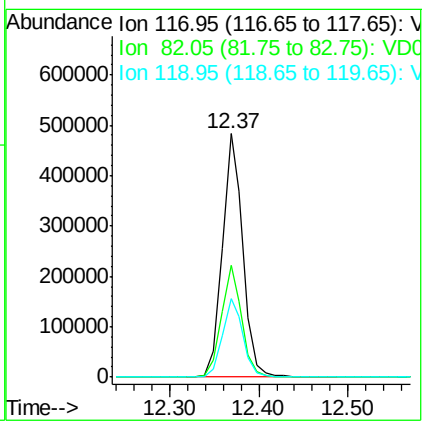


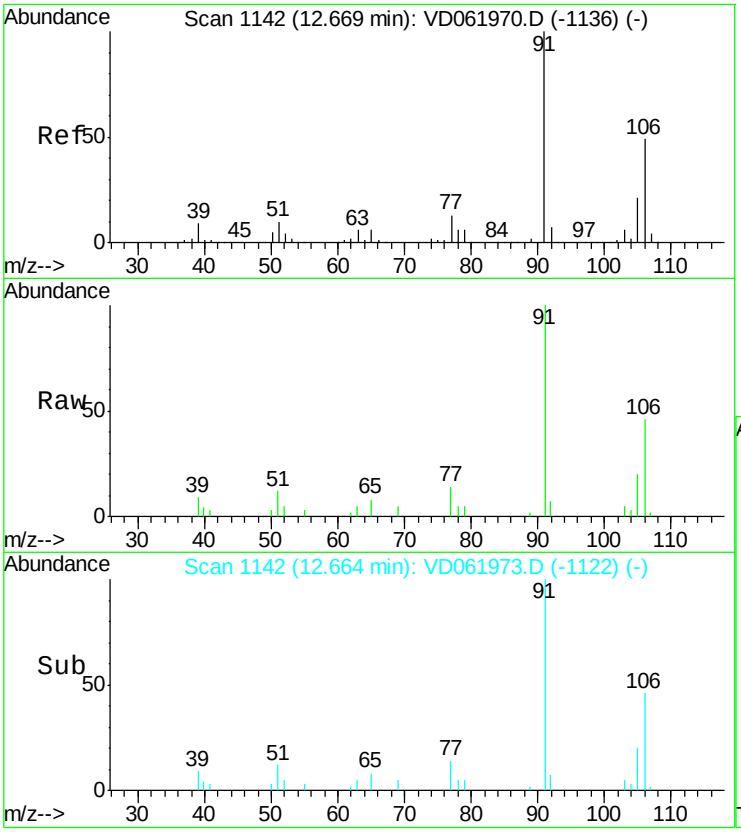


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion:117 Resp: 782150

Ion	Ratio	Lower	Upper
117	100		
82	45.8	36.2	54.2
119	32.3	26.2	39.4



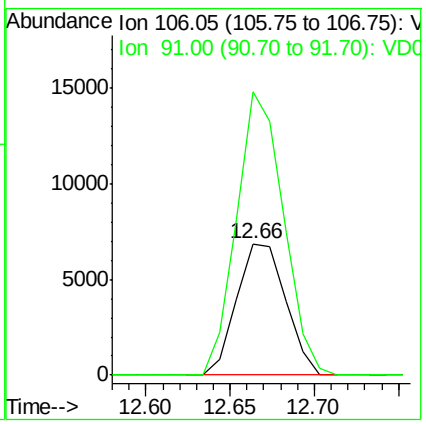


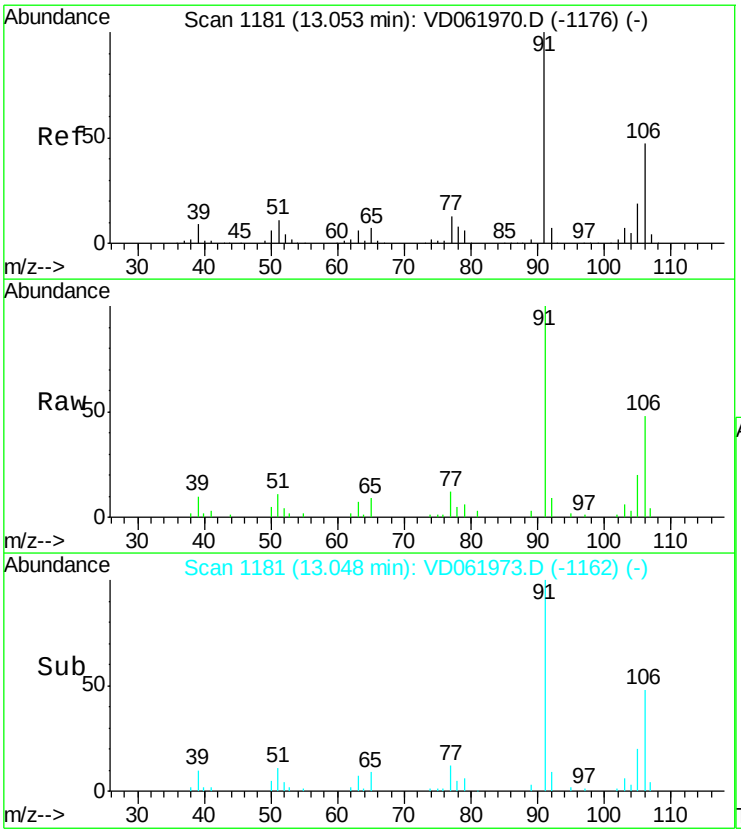
#68
m/p-Xylenes
Concen: 1.589 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument : MSVOA_D
ClientSampleId : SU-02-041819-A

Tgt Ion:106 Resp: 13853

Ion	Ratio	Lower	Upper
106	100		
91	215.8	164.0	246.0

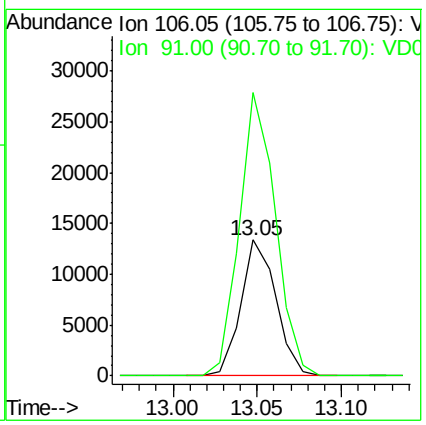


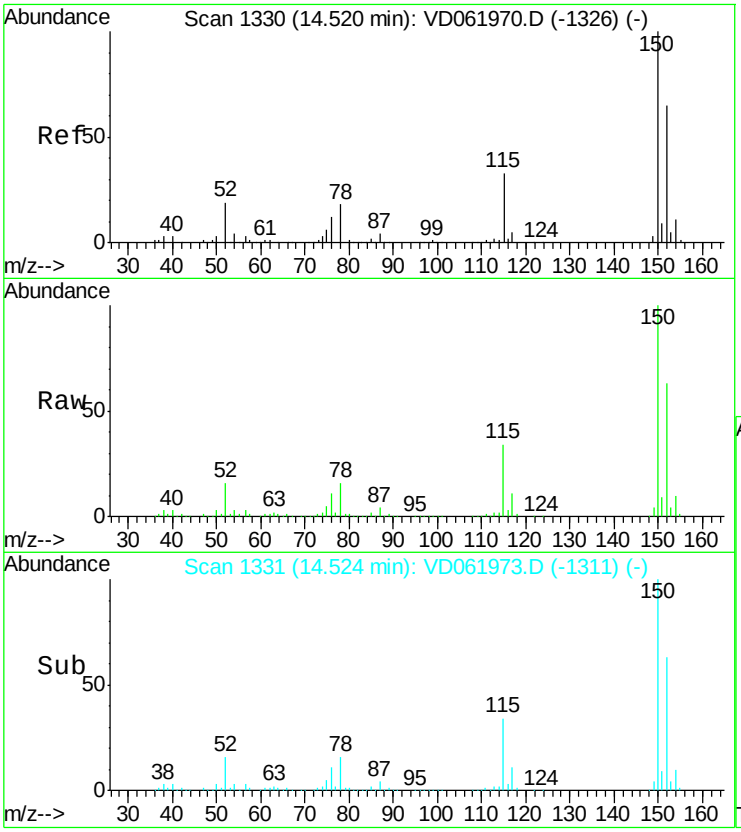


#69
o-Xylene
Concen: 2.415 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Tgt Ion:106 Resp: 19263

Ion	Ratio	Lower	Upper
106	100		
91	208.0	106.7	319.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061973.D
Acq: 23 Apr 2019 16:40

Instrument :
MSVOA_D
ClientSampleId :
SU-02-041819-A

Tgt Ion:152 Resp: 383698

Ion	Ratio	Lower	Upper
152	100		
115	54.1	30.9	92.7
150	157.6	0.0	314.8