Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031819\
Data File : VD061170.D
Acq On : 19 Mar 2019 4:34
Operator : VA/AP
Sample : K1928-06
Misc : 6.65g/5ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : A1-2-H1(2.5-3)

Quant Time: Mar 19 08:48:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	568110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1002646	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	857110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	362343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	272172	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.12%			
35) Dibromofluoromethane	6.92	113	426431	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.62%			
50) Toluene-d8	10.40	98	997714	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.78%			
62) 4-Bromofluorobenzene	13.55	95	349767	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
Target Compounds						Qvalue
16) Acetone	3.20	43	28704	21.227	ug/l #	75
20) Methylene Chloride	3.81	84	37042	1.482	ug/l	91
31) Cyclohexane	6.95	56	201476	24.077	ug/l	96
39) Methylcyclohexane	8.85	83	156272	17.438	ug/l	96
40) Benzene	7.45	78	207617	9.614	ug/l	98
52) Toluene	10.50	92	29622	2.206	ug/l	90

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

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A1-2-H1(2.5-3)

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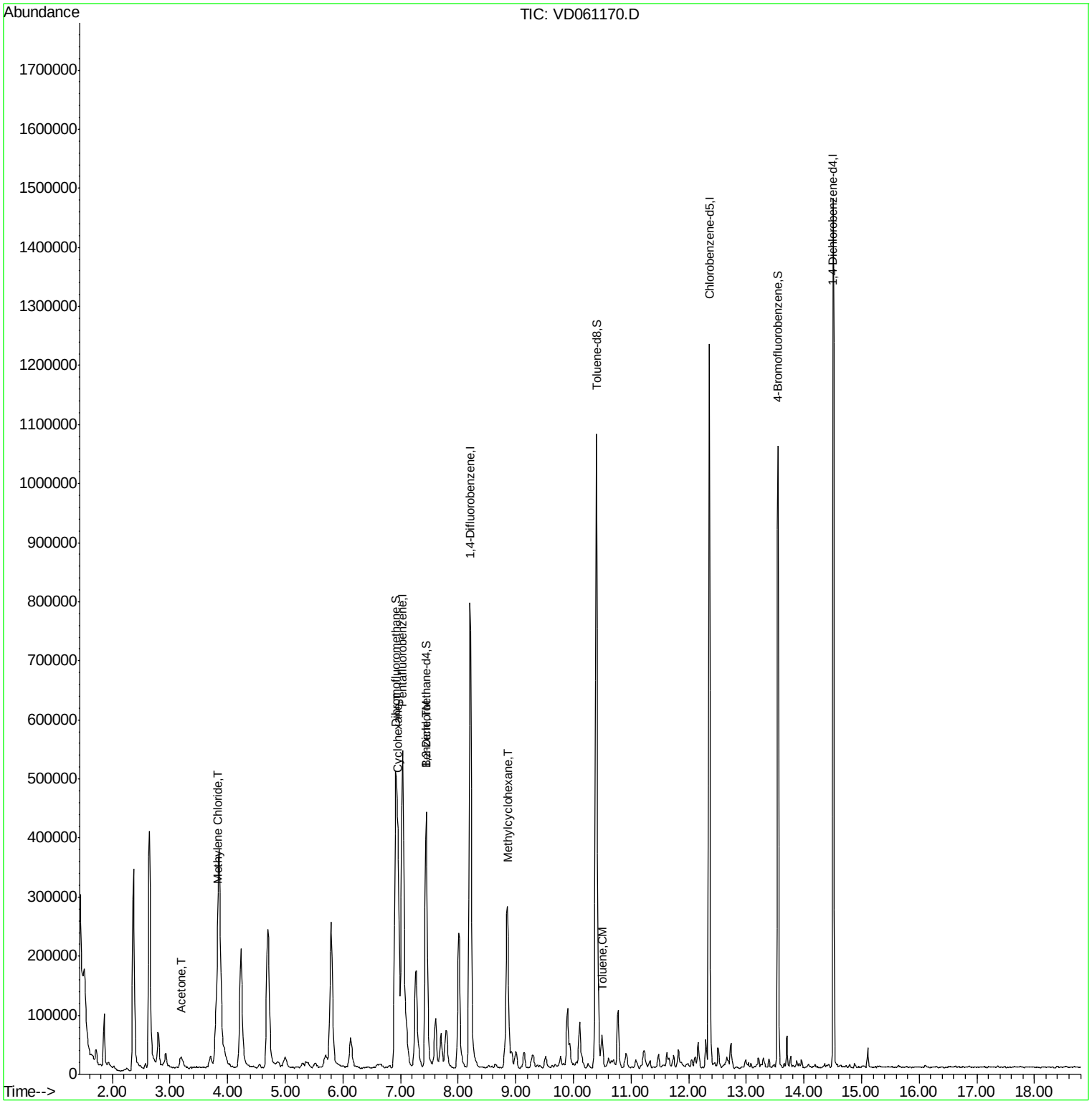
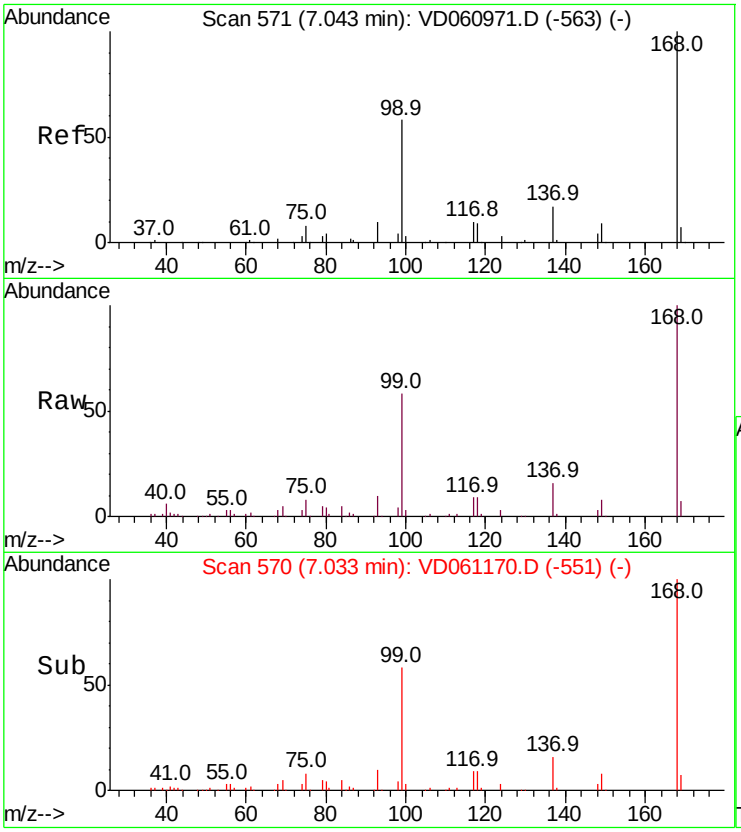


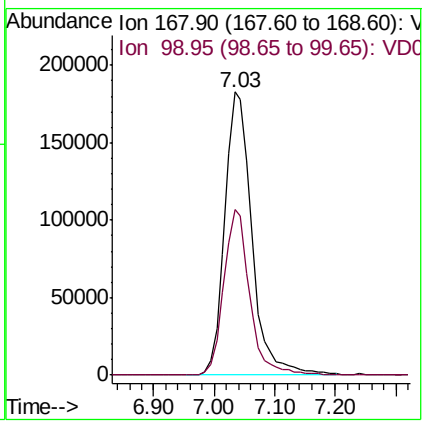


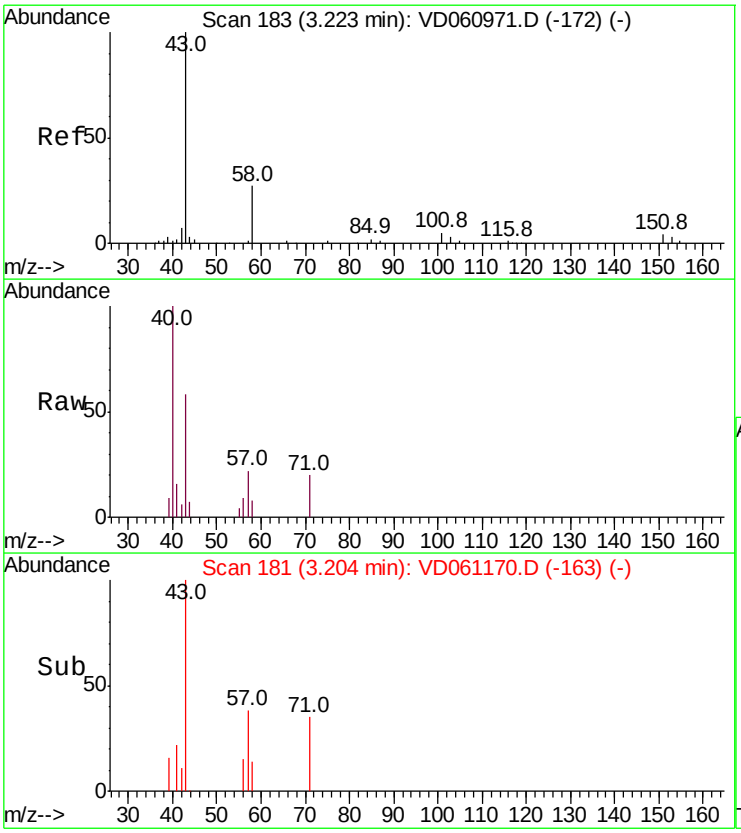
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.01 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

Tgt Ion:168 Resp: 568110

Ion	Ratio	Lower	Upper
168	100		
99	58.5	47.3	70.9

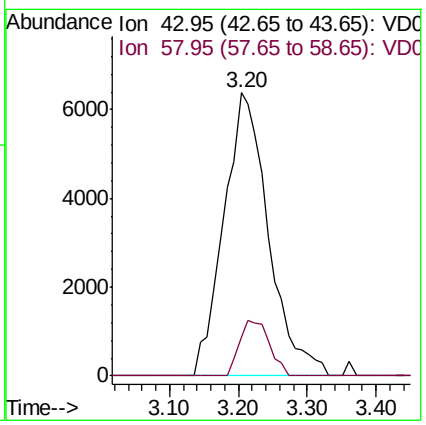


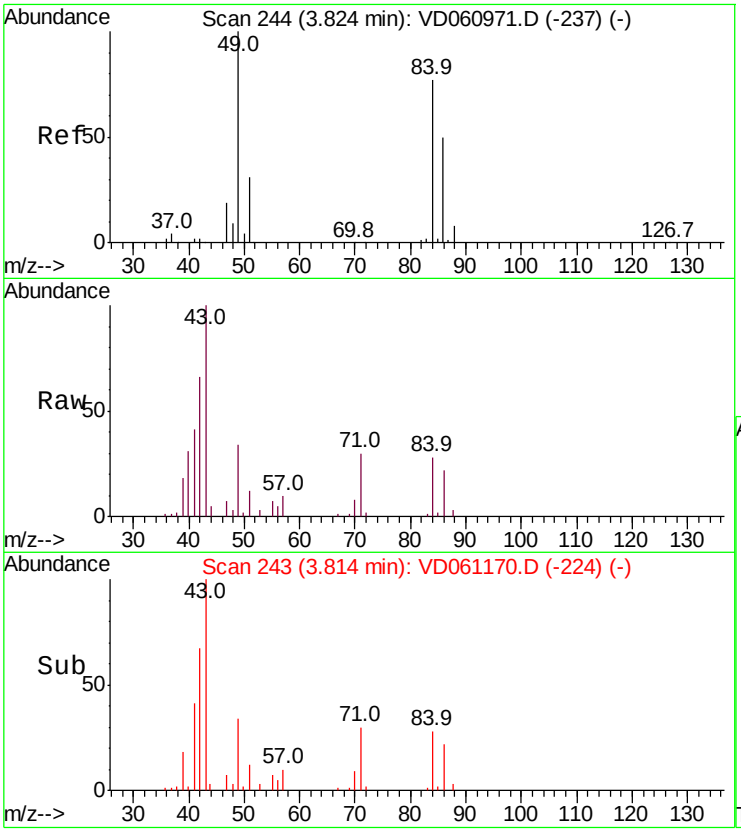


#16
Acetone
Concen: 21.227 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 43 Resp: 28704

Ion	Ratio	Lower	Upper
43	100		
58	13.9	21.6	32.4#



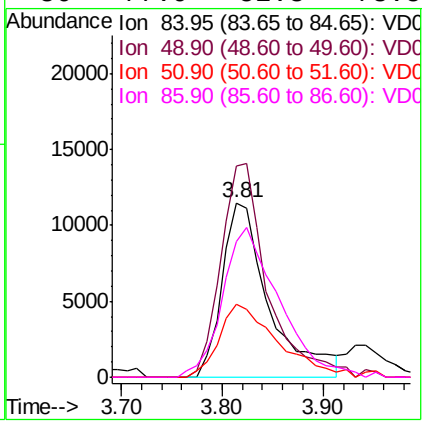


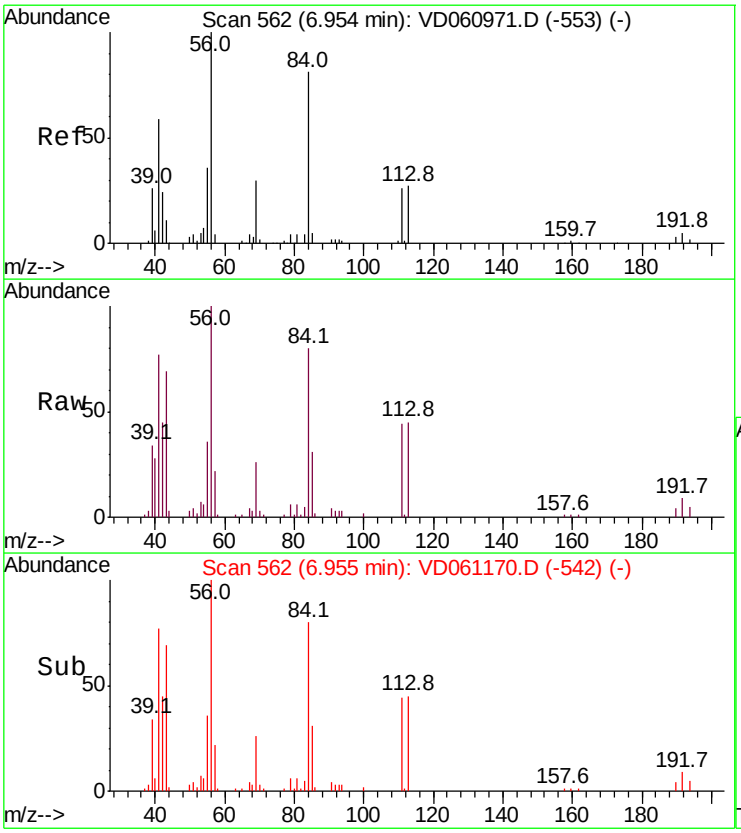
#20
Methylene Chloride
Concen: 1.482 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

Tgt Ion: 84 Resp: 37042

Ion	Ratio	Lower	Upper
84	100		
49	121.4	104.2	156.2
51	41.7	32.3	48.5
86	77.9	52.3	78.5

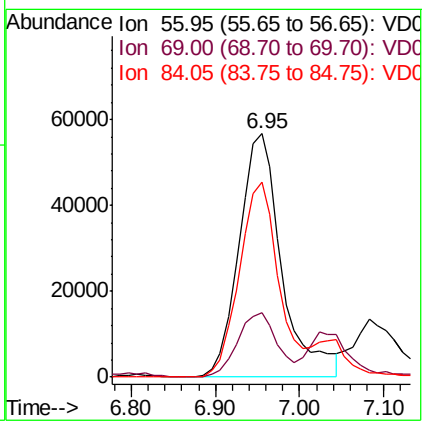


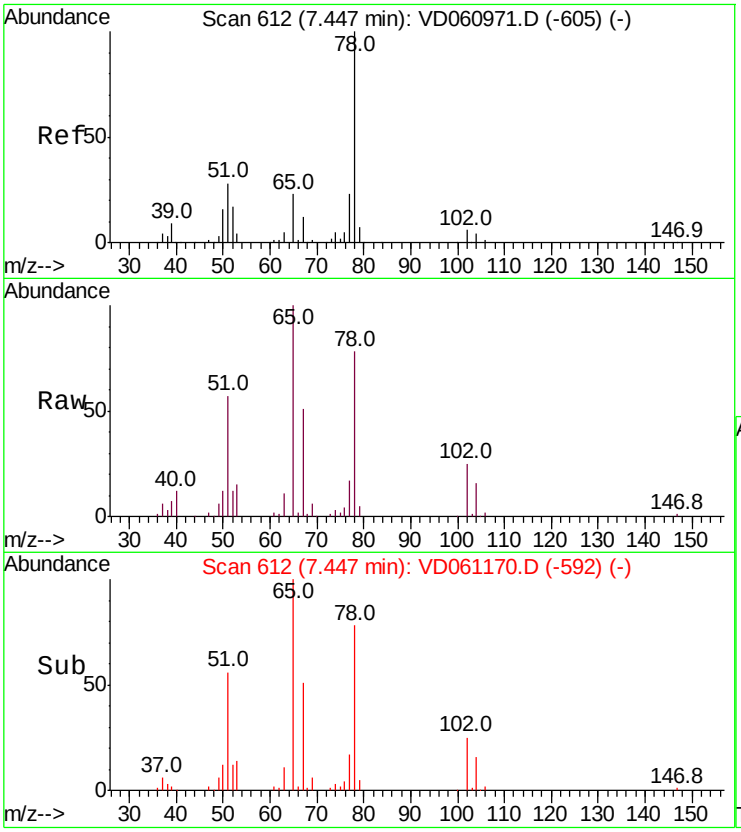


#31
Cyclohexane
Concen: 24.077 ug/l
RT: 6.95 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 56 Resp: 201476

Ion	Ratio	Lower	Upper
56	100		
69	26.3	24.0	36.0
84	80.0	65.8	98.6



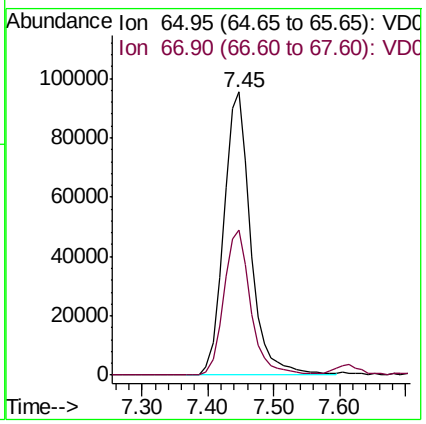


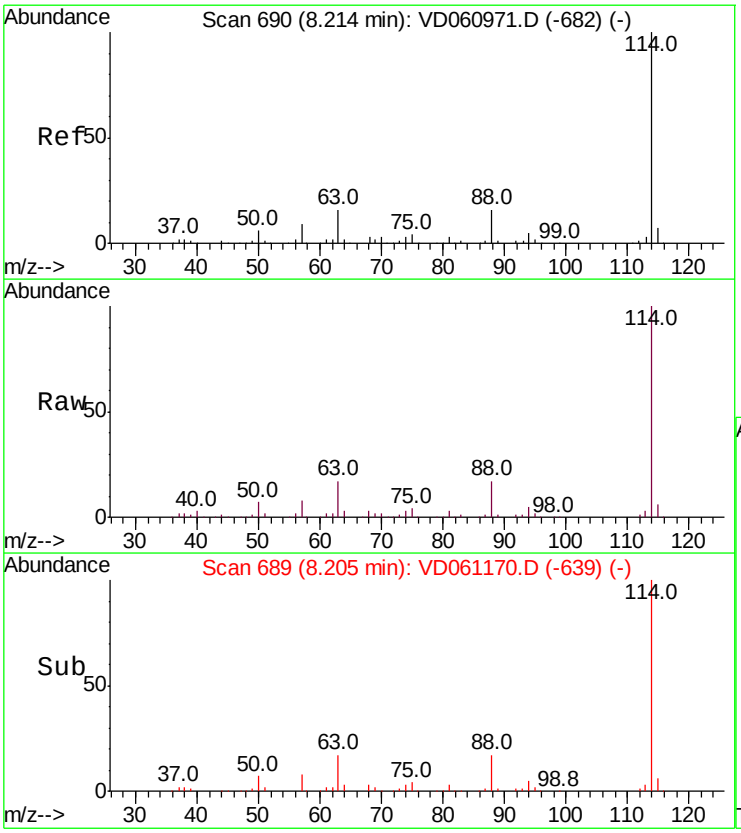
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

Tgt Ion: 65 Resp: 272172

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.2

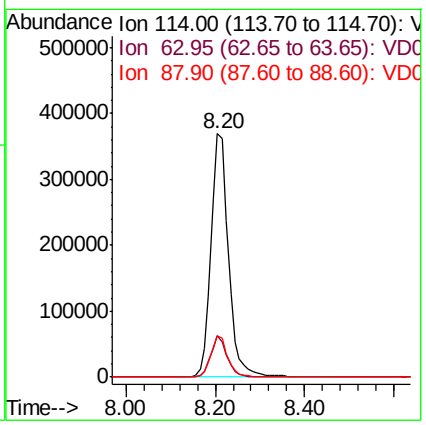


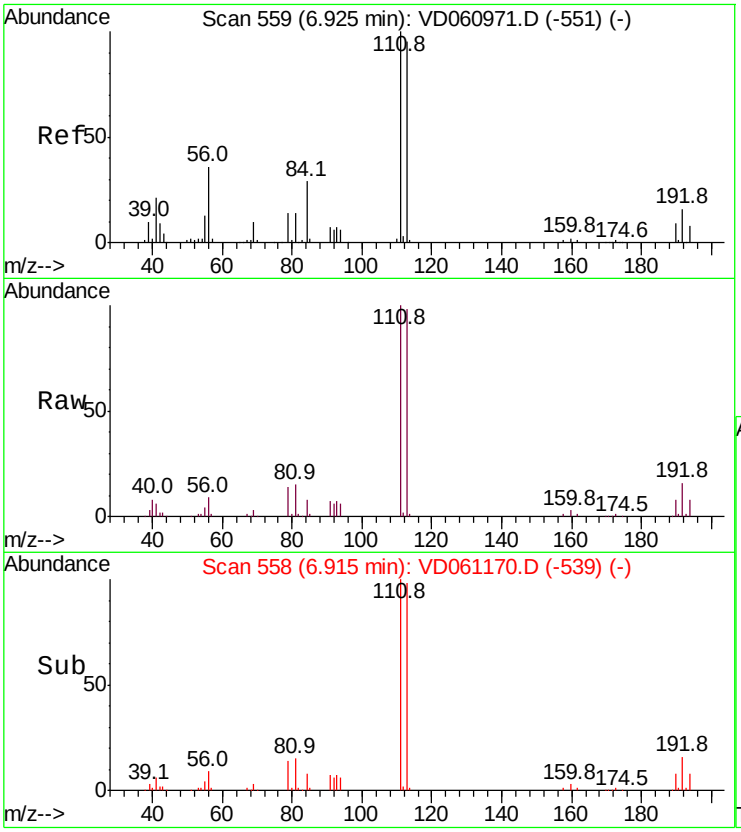


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 689
Delta R.T. -0.01 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion:114 Resp: 1002646

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	31.4
88	17.2	0.0	33.0



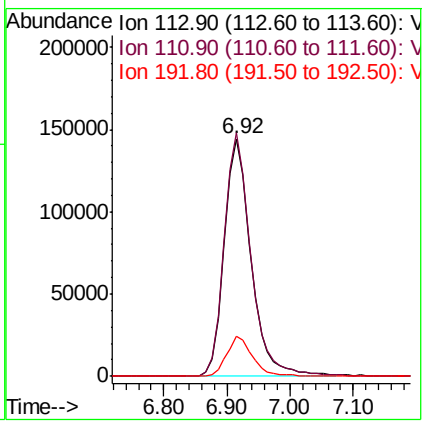


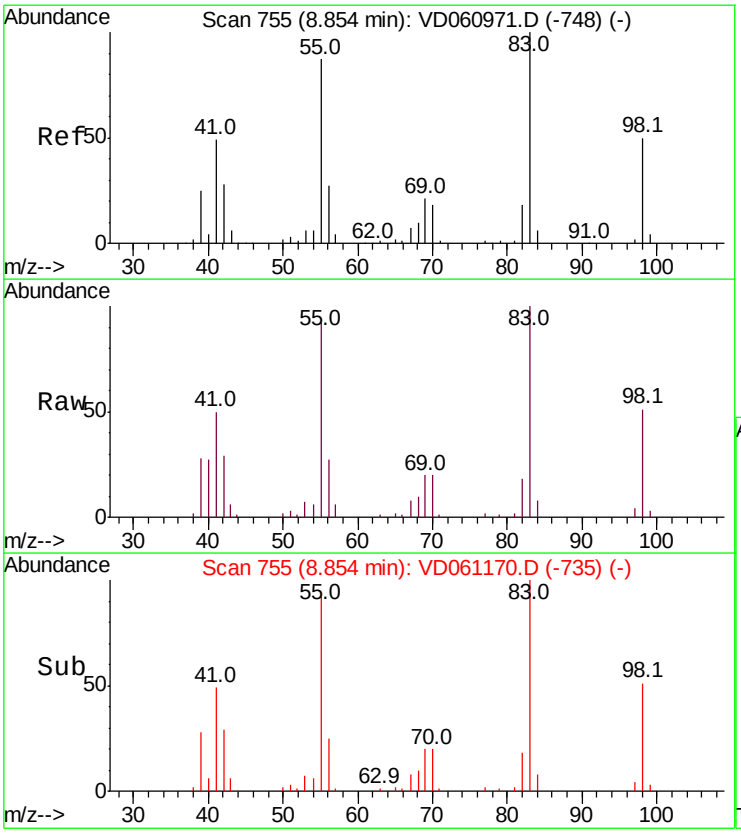
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

Tgt Ion:113 Resp: 426431

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.2	126.4
192	16.6	13.1	19.7

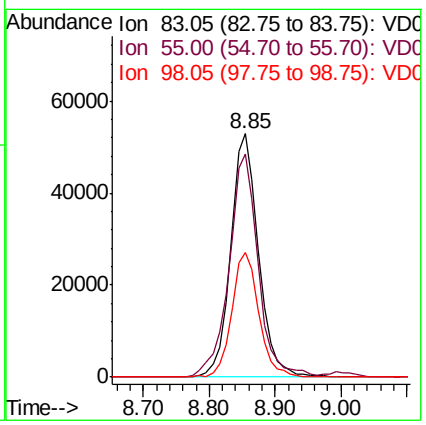


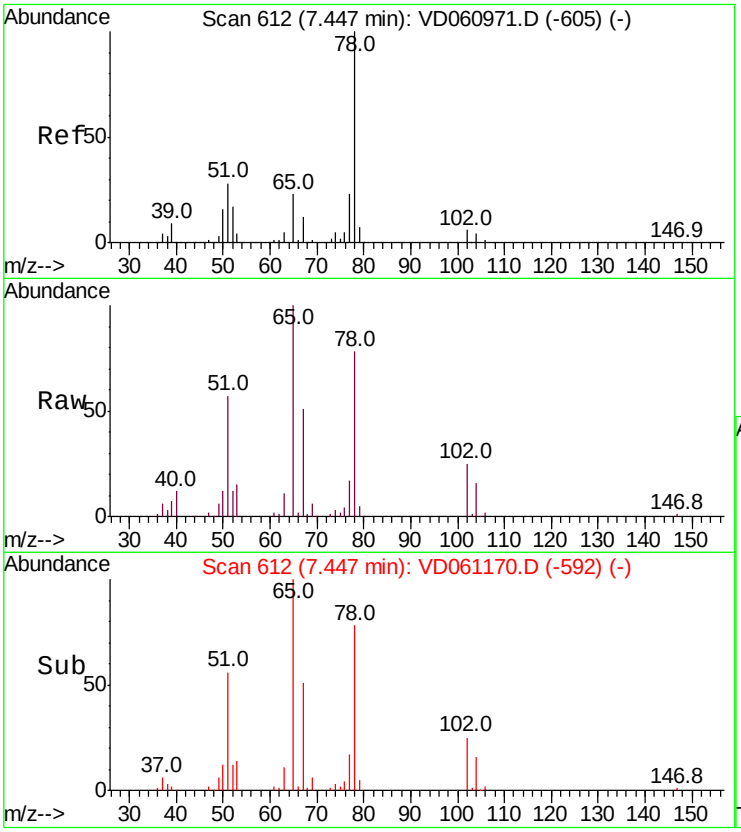


#39
Methylcyclohexane
Concen: 17.438 ug/l
RT: 8.85 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 83 Resp: 156272

Ion	Ratio	Lower	Upper
83	100		
55	91.6	69.6	104.4
98	50.9	40.0	60.0



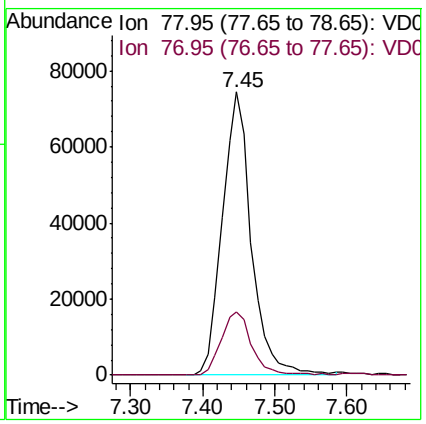


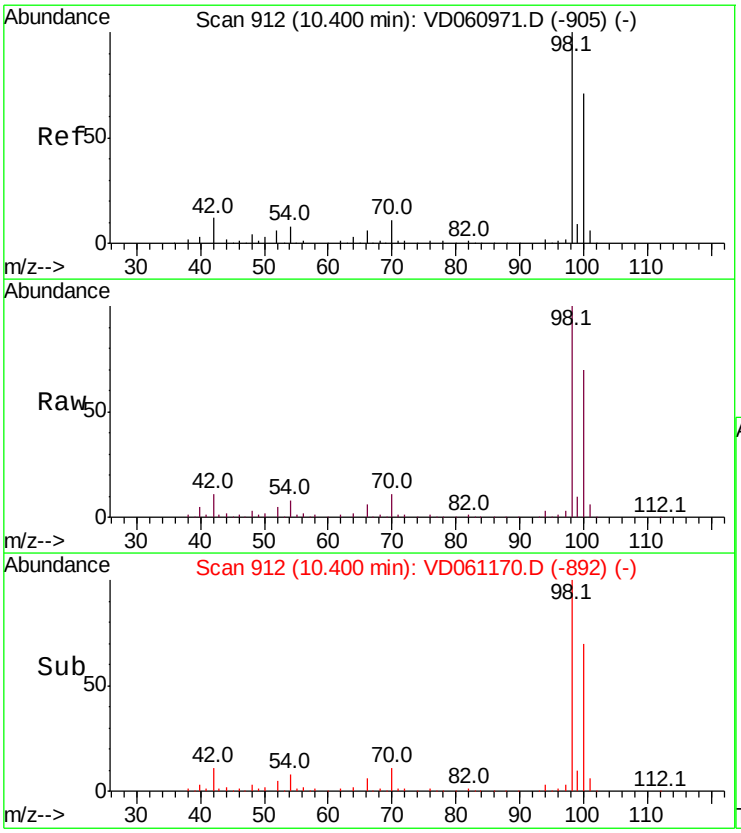
#40
Benzene
Concen: 9.614 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 78 Resp: 207617

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

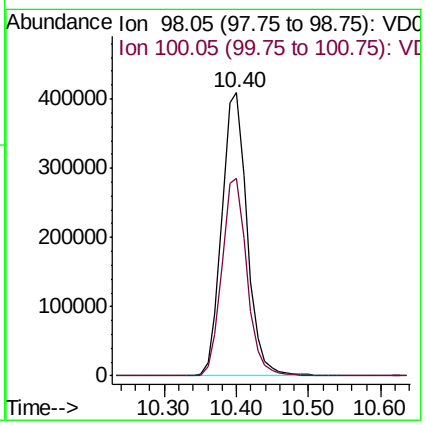


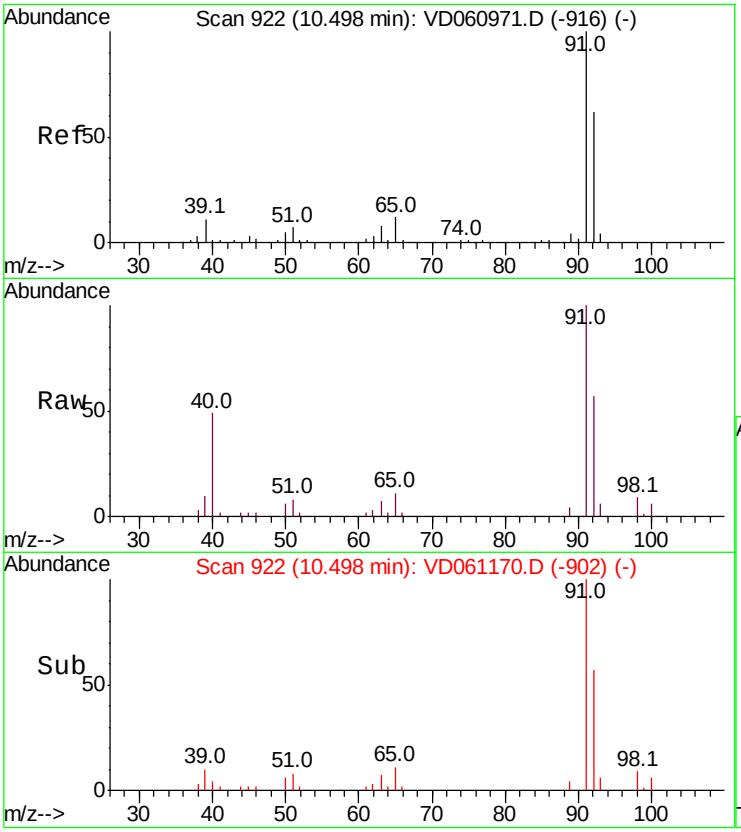


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 98 Resp: 997714

Ion	Ratio	Lower	Upper
98	100		
100	70.0	57.4	86.2



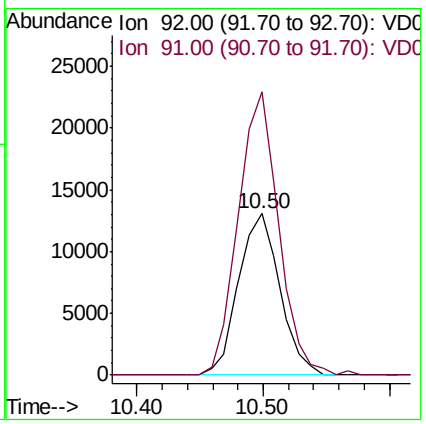


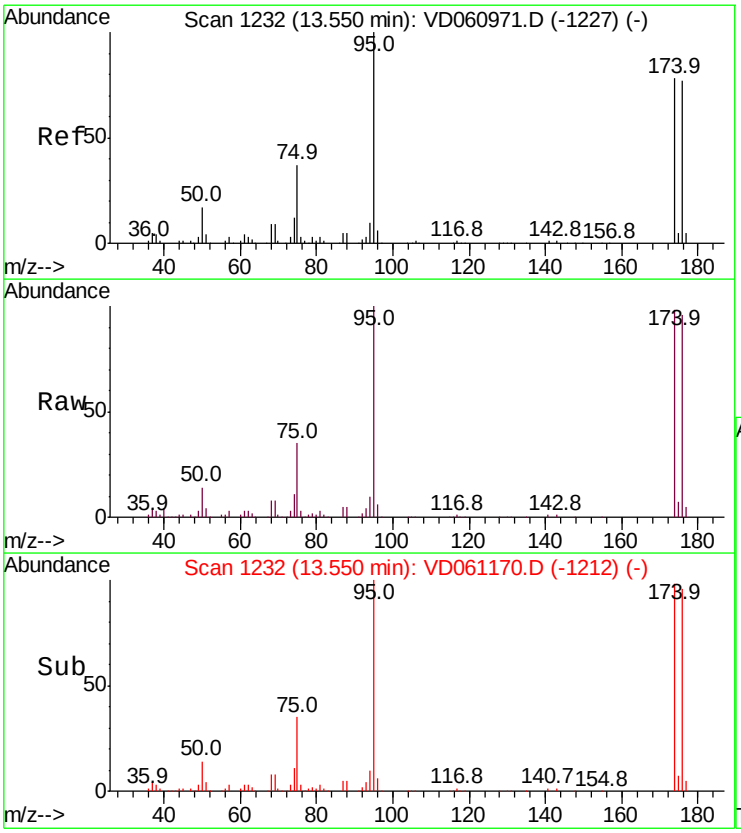
#52
Toluene
Concen: 2.206 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument : MSVOA_D
ClientSampleId : A1-2-H1(2.5-3)

Tgt Ion: 92 Resp: 29622

Ion	Ratio	Lower	Upper
92	100		
91	175.5	129.8	194.8

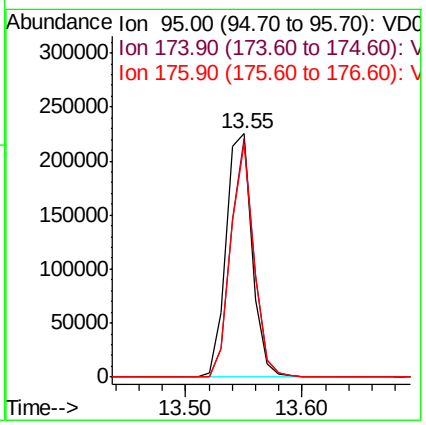


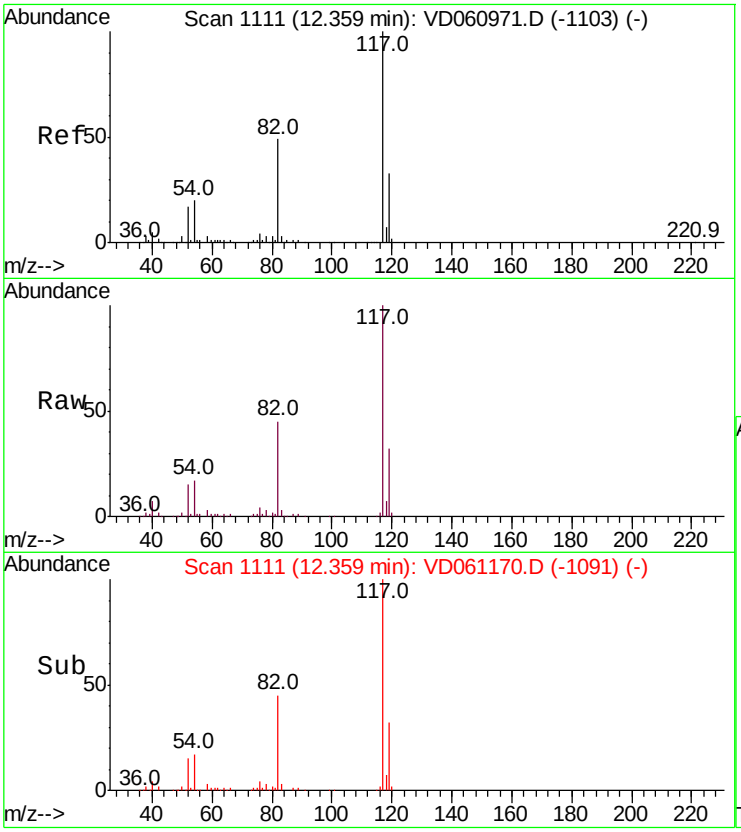


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion: 95 Resp: 349767

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	155.6
176	95.7	0.0	153.8



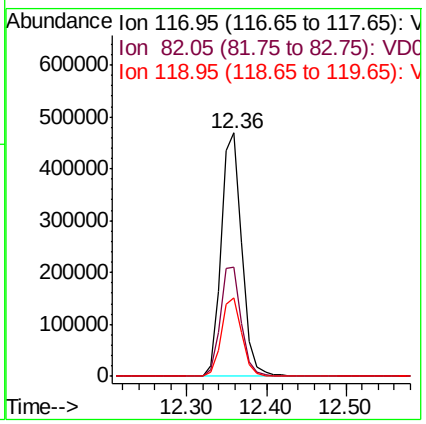


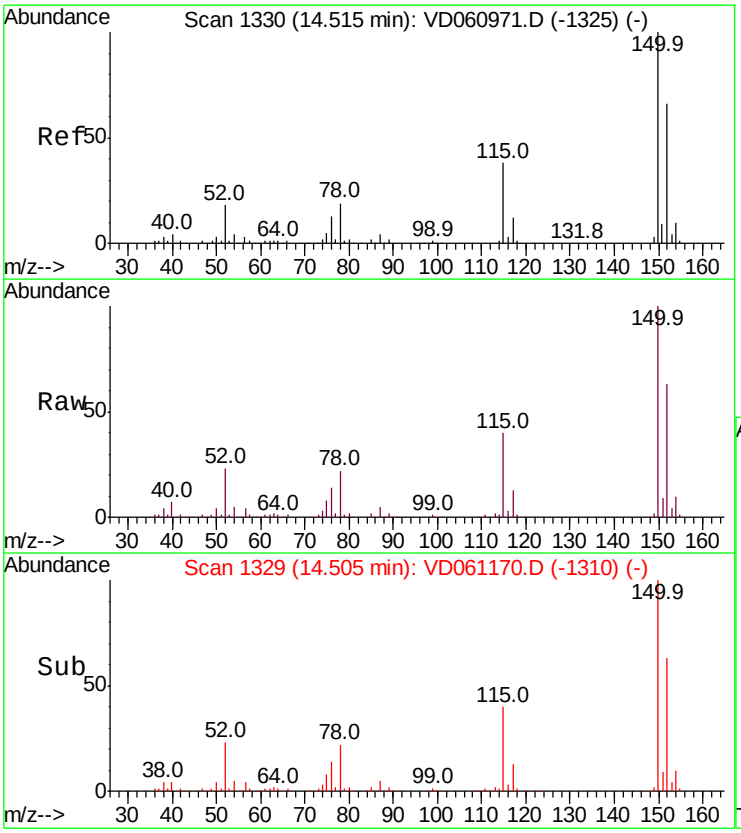
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H1(2.5-3)

Tgt Ion:117 Resp: 857110

Ion	Ratio	Lower	Upper
117	100		
82	44.7	38.9	58.3
119	32.3	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061170.D
Acq: 19 Mar 2019 4:34

Tgt Ion:152 Resp: 362343

Ion	Ratio	Lower	Upper
152	100		
115	63.4	28.6	85.9
150	159.0	0.0	310.6