Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060710.D
Acq On : 26 Dec 2018 11:07
Operator : VA/AP
Sample : VD1226SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1226SBL01

Quant Time: Dec 27 01:48:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1637645	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2197444	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.26	117	1779901	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	900841	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	577073	50.99	ug/l	-0.03
Spiked Amount 50.000			Recovery = 101.98%			
35) Dibromofluoromethane	6.30	113	829337	51.56	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.12%			
50) Toluene-d8	9.43	98	2418929	50.41	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.82%			
62) 4-Bromofluorobenzene	12.41	95	884507	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
Target Compounds						Qvalue
20) Methylene Chloride	3.72	84	149706	7.294	ug/l	96
25) 2-Butanone	5.61	43	5946	1.572	ug/l #	61
31) Cyclohexane	6.38	56	34952	1.223	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	116902	5.166	ug/l #	45
38) Carbon Tetrachloride	6.39	117	126423	6.333	ug/l #	16
51) 4-Methyl-2-Pentanone	9.37	43	8897	1.196	ug/l #	80
81) trans-1,4-Dichloro-2-buten	12.41	75	349886	123.462	ug/l #	13

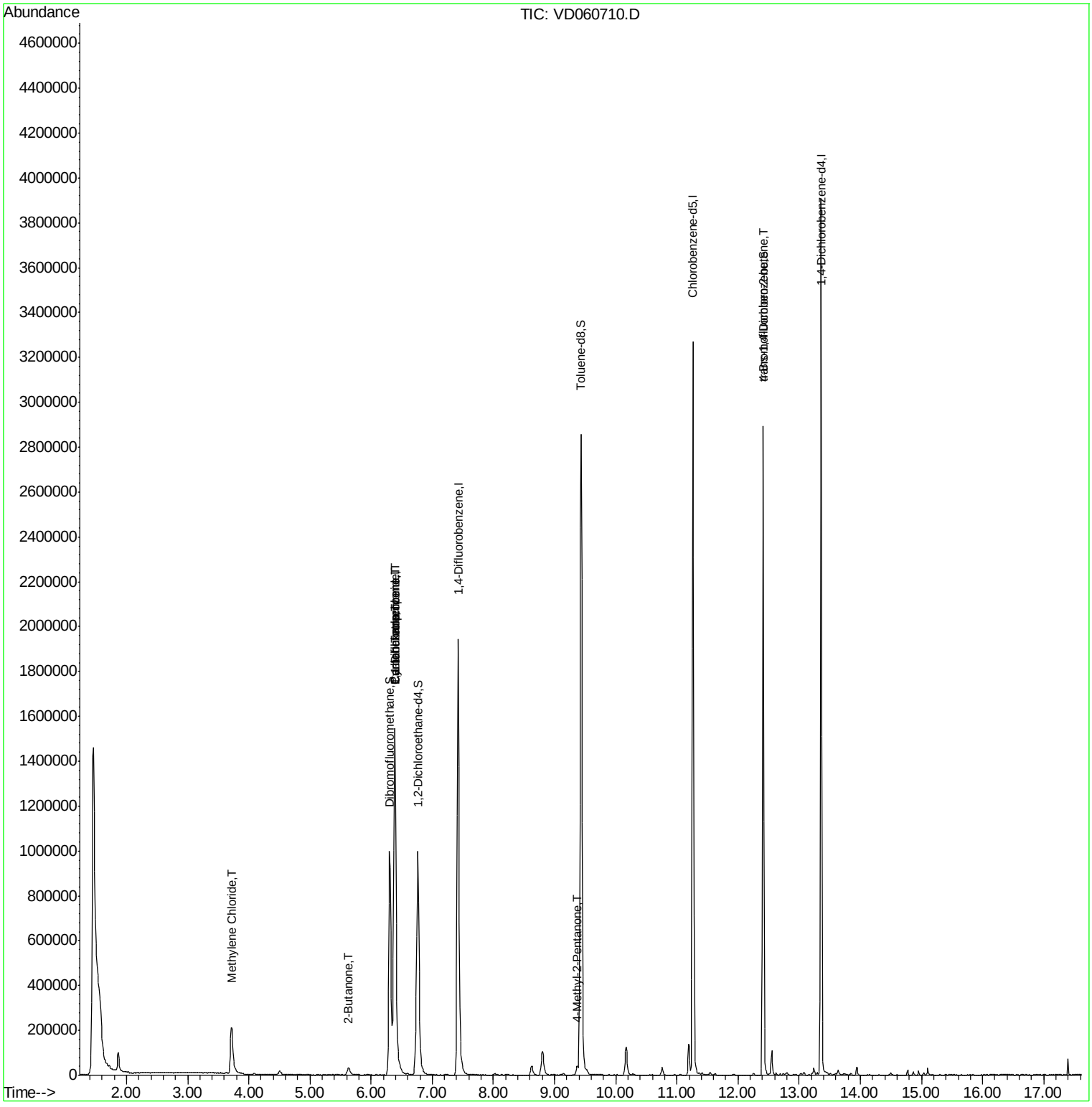
(#) = qualifier out of range (m) = manual integration (+) = signals summed

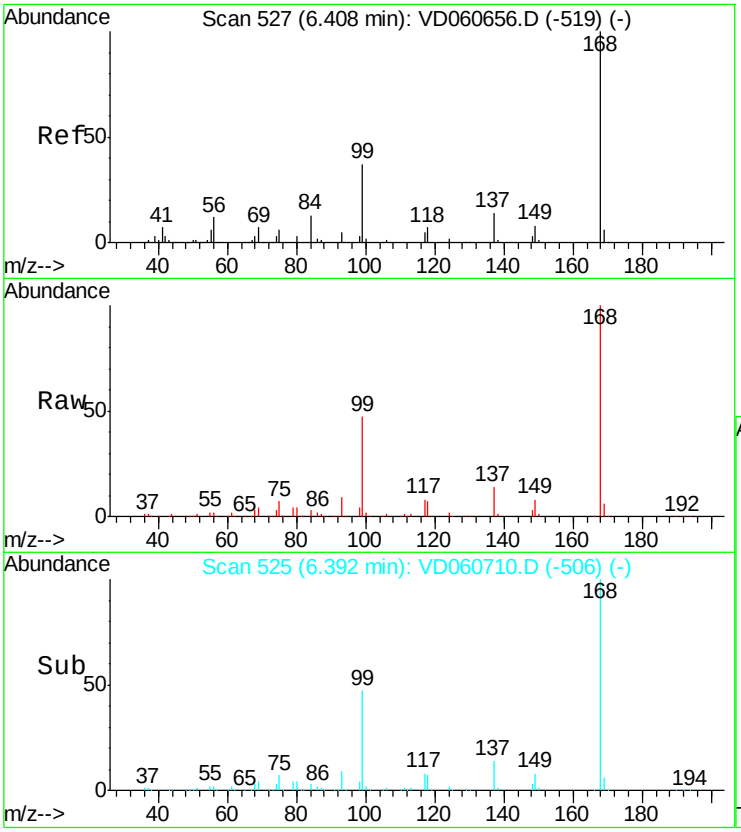
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060710.D
Acq On : 26 Dec 2018 11:07
Operator : VA/AP
Sample : VD1226SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Quant Time: Dec 27 01:48:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration



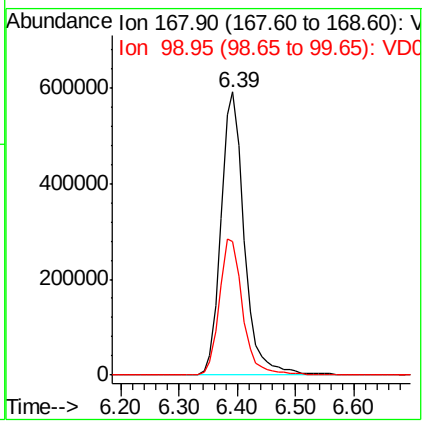


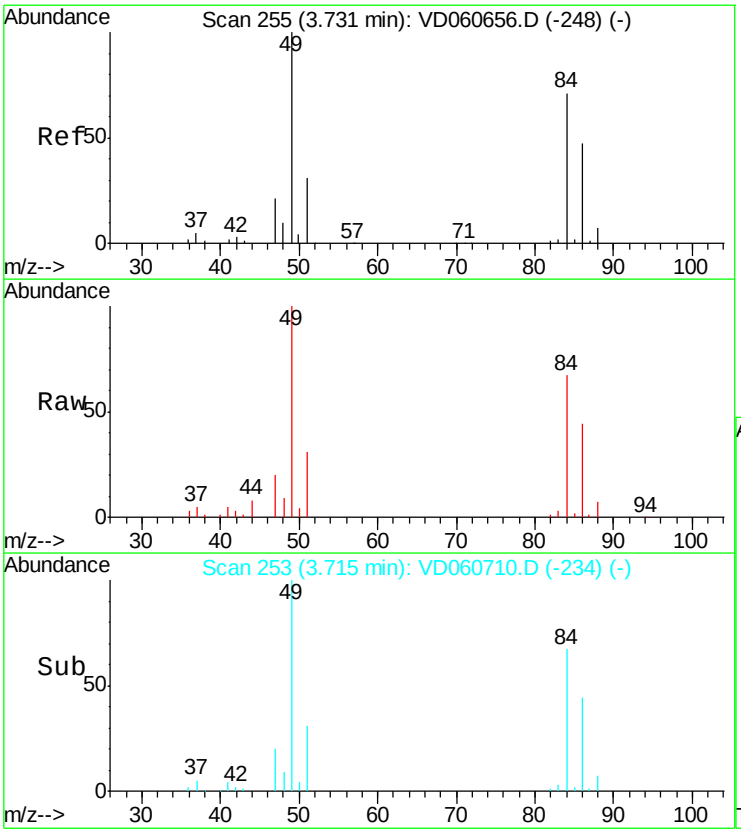
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 525
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument : MSVOA_D
ClientSampleId : VD1226SBL01

Tgt Ion:168 Resp: 1637645

Ion	Ratio	Lower	Upper
168	100		
99	47.2	38.7	58.1

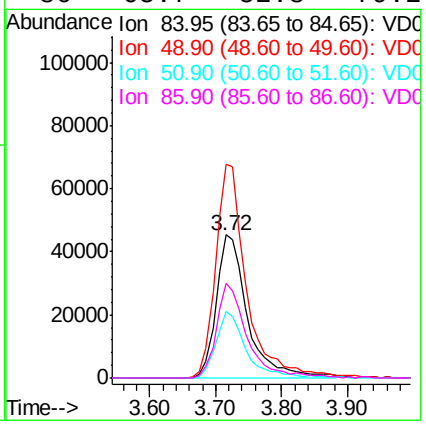


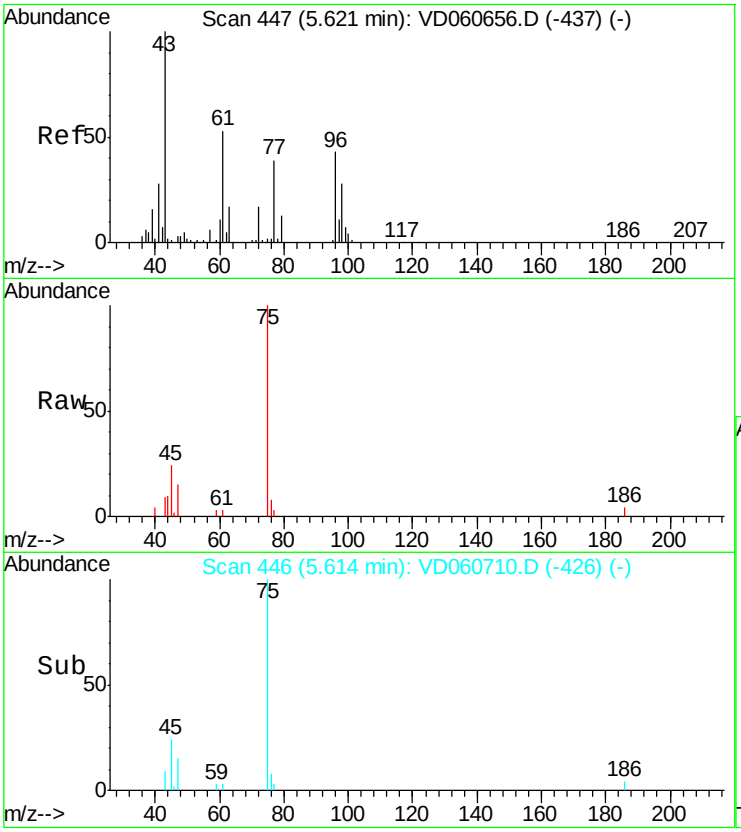


#20
Methylene Chloride
Concen: 7.294 ug/l
RT: 3.72 min Scan# 253
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion: 84 Resp: 149706

Ion	Ratio	Lower	Upper
84	100		
49	149.1	113.6	170.4
51	46.6	34.7	52.1
86	65.7	52.8	79.2



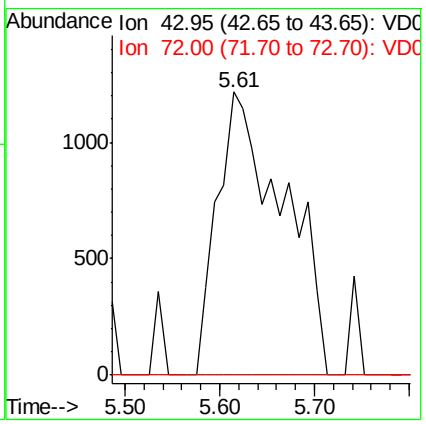


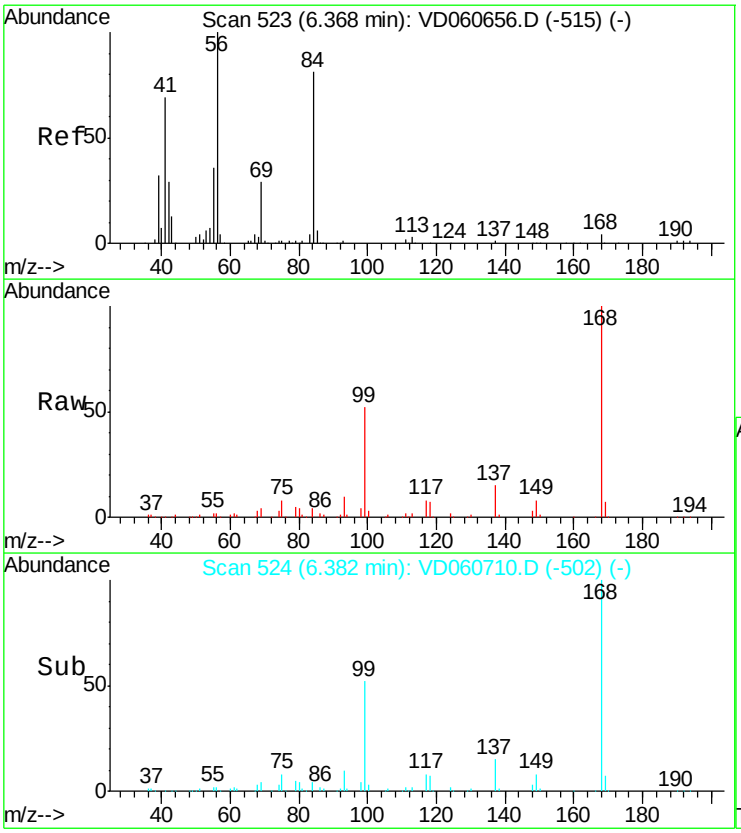
#25
2-Butanone
Concen: 1.572 ug/l
RT: 5.61 min Scan# 446
Delta R.T. -0.01 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument : MSVOA_D
ClientSampleId : VD1226SBL01

Tgt Ion: 43 Resp: 5946

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	20.5#

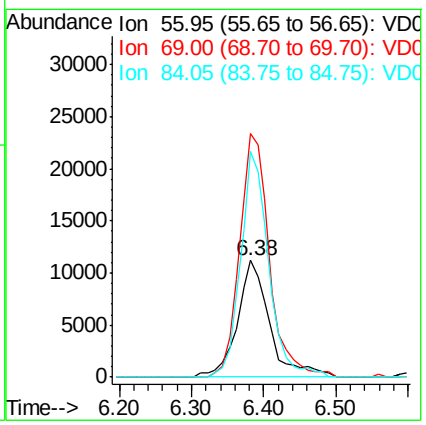


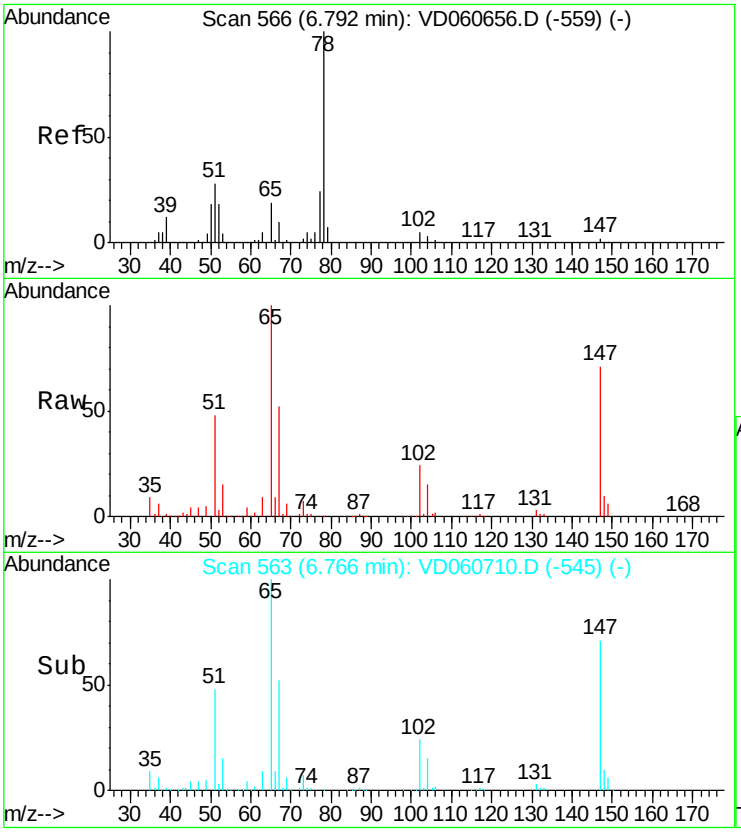


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 6.38 min Scan# 524
Delta R.T. 0.01 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion: 56 Resp: 34952

Ion	Ratio	Lower	Upper
56	100		
69	208.7	23.6	35.4#
84	193.5	65.8	98.6#



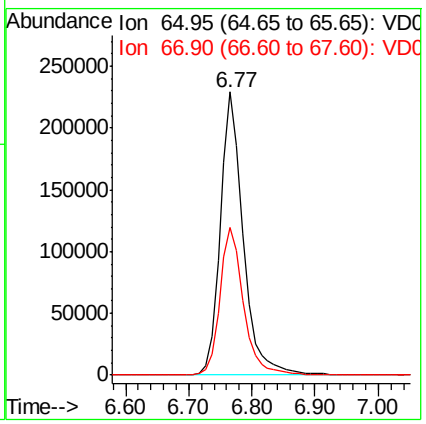


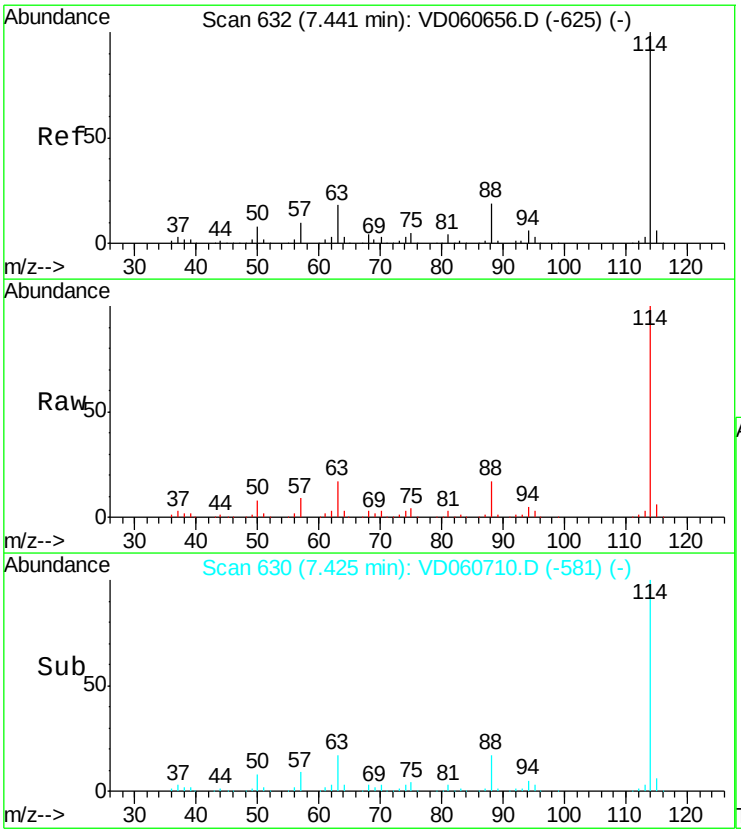
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 563
Delta R.T. -0.03 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Tgt Ion: 65 Resp: 577073

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.4

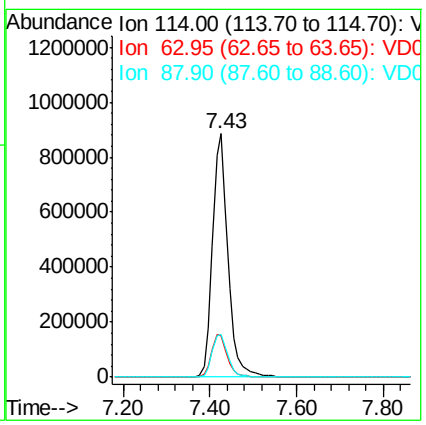


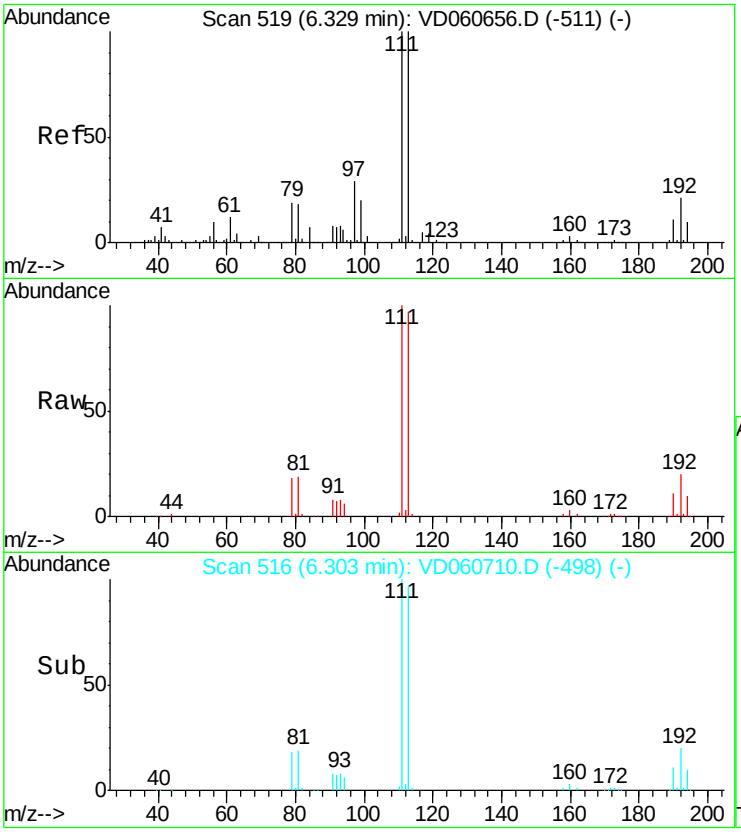


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 630
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion:114 Resp: 2197444

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	36.2
88	17.5	0.0	37.0



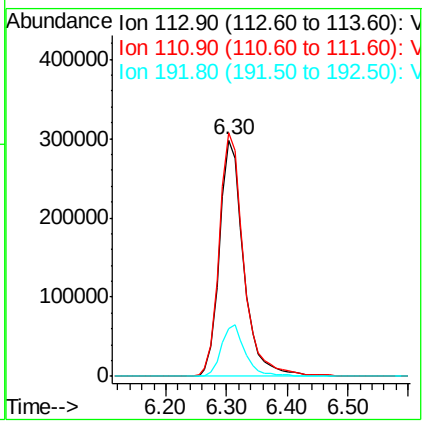


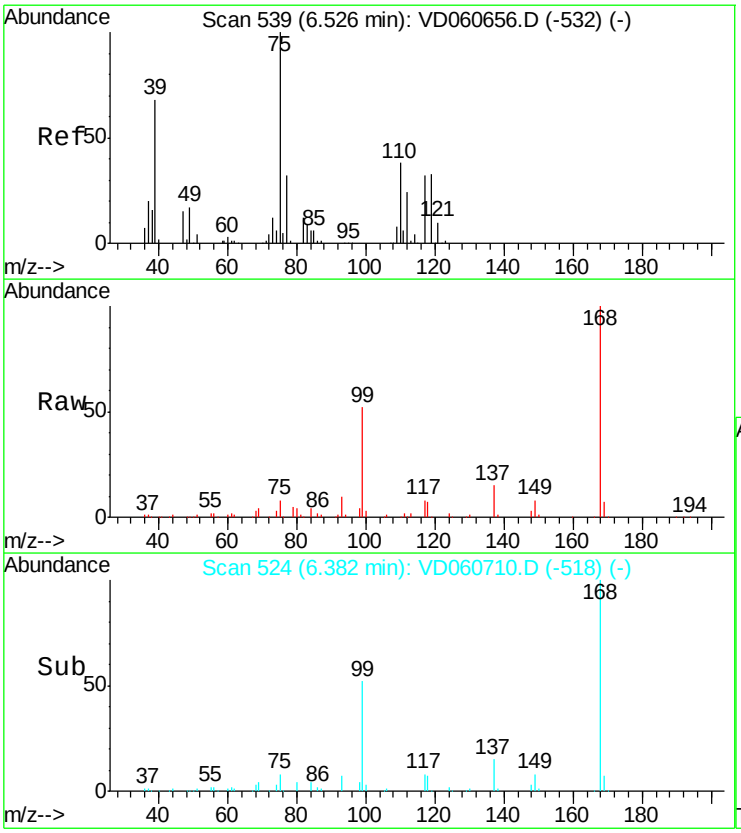
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 516
Delta R.T. -0.03 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Tgt Ion:113 Resp: 829337

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.0	120.0
192	20.5	16.6	25.0

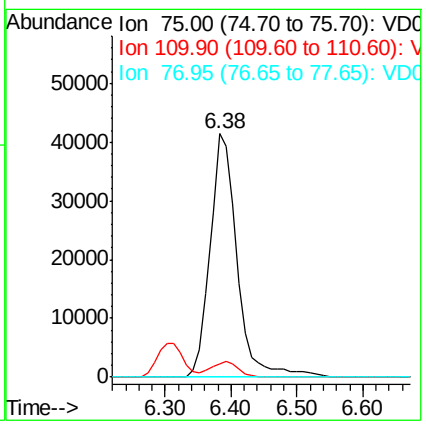


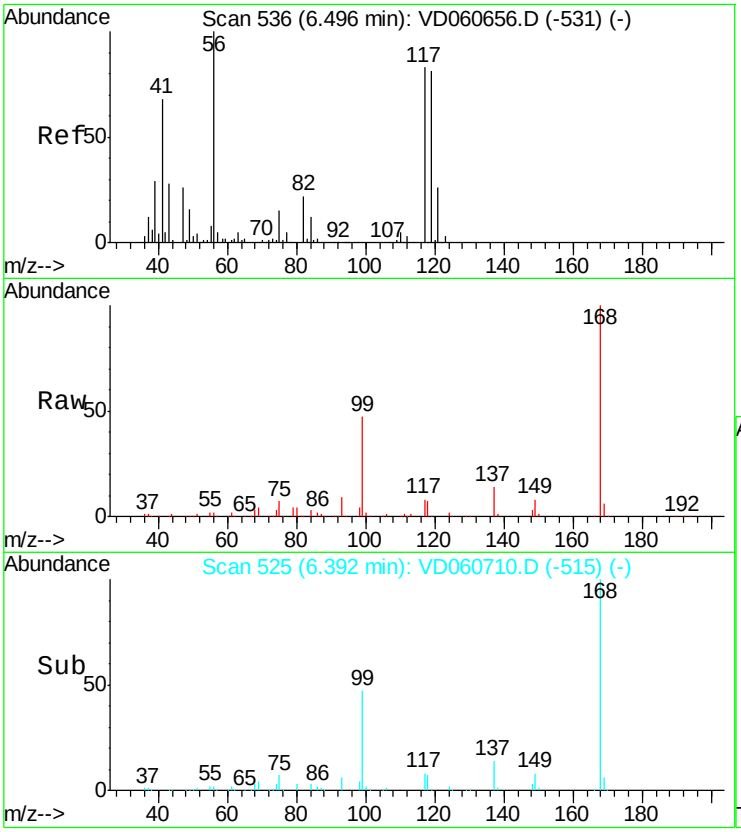


#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 6.38 min Scan# 524
Delta R.T. -0.14 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion: 75 Resp: 116902

Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.9	56.7#
77	0.0	25.4	38.0#



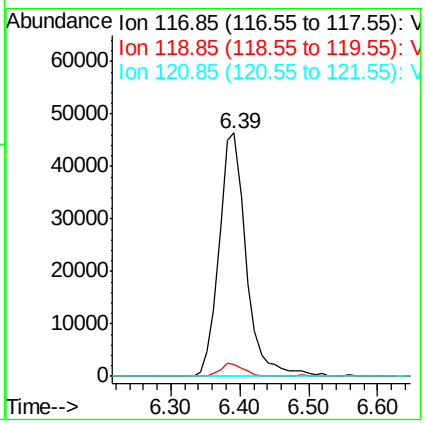


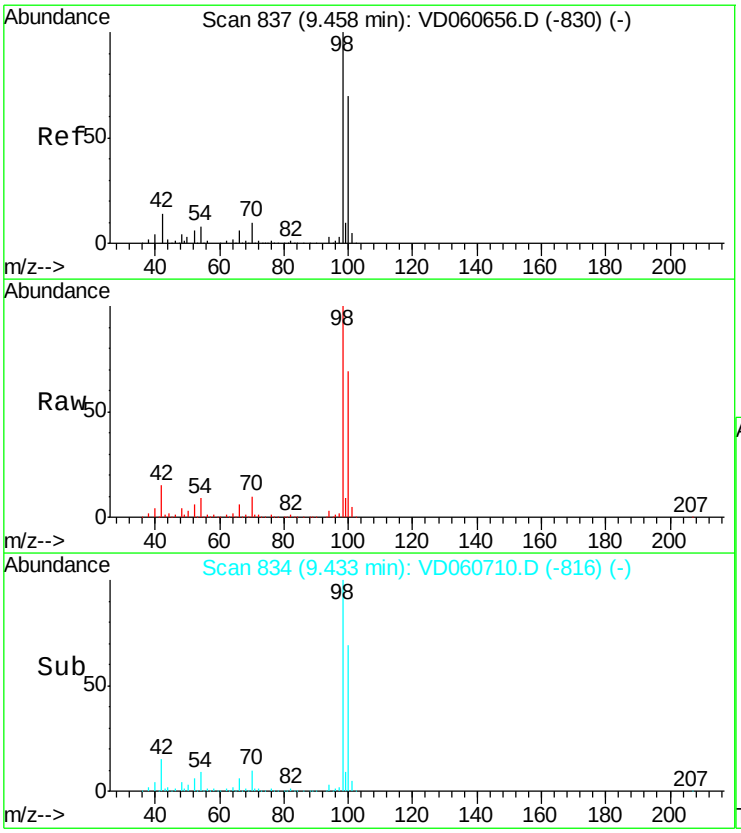
#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 6.39 min Scan# 525
Delta R.T. -0.10 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument : MSVOA_D
ClientSampleId : VD1226SBL01

Tgt Ion:117 Resp: 126423

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.0	115.4#
121	0.0	24.7	37.1#

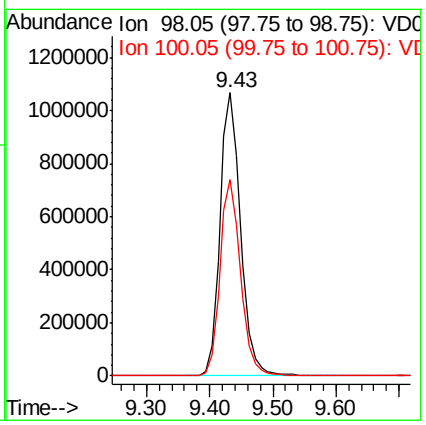


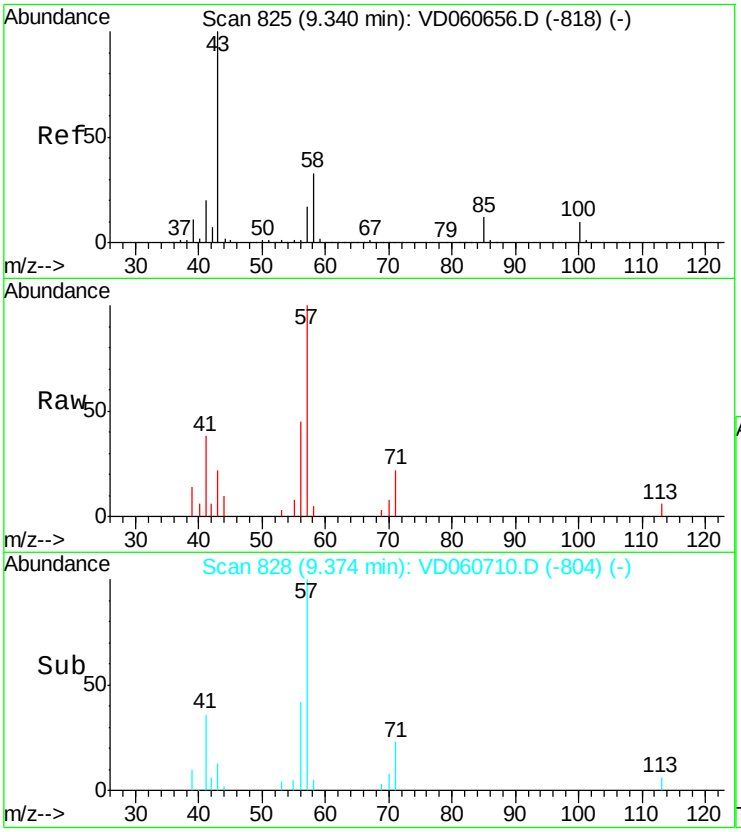


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 834
Delta R.T. -0.03 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion: 98 Resp: 2418929

Ion	Ratio	Lower	Upper
98	100		
100	69.3	55.8	83.8



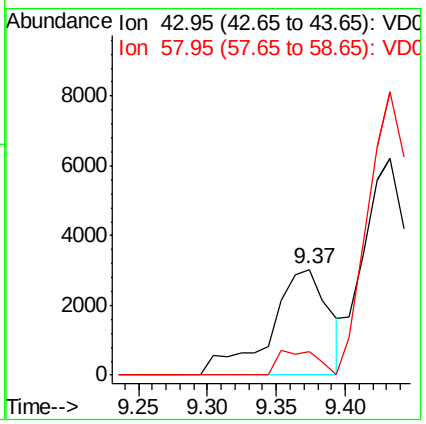


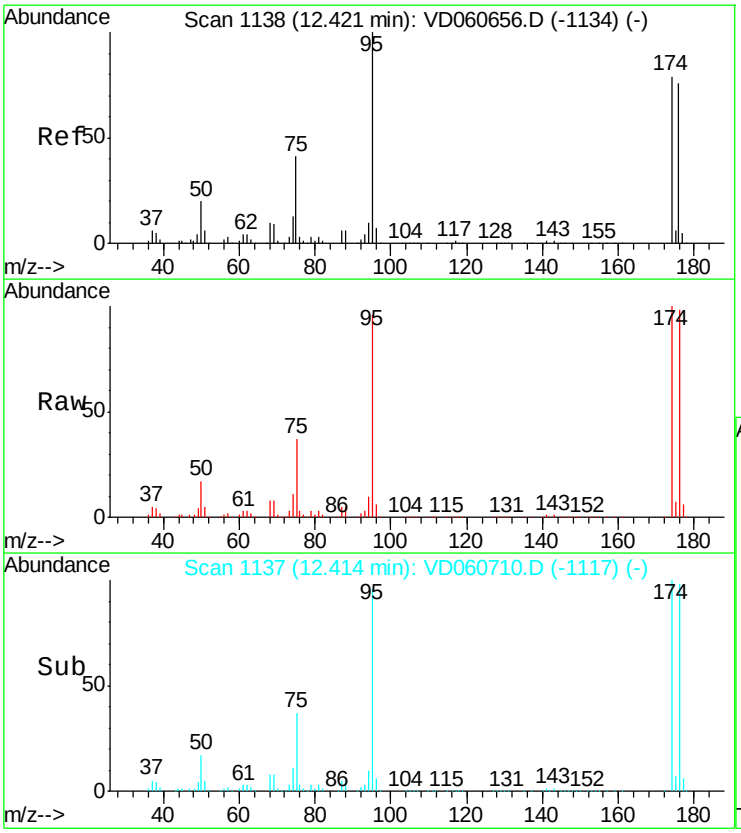
#51
4-Methyl-2-Pentanone
Concen: 1.196 ug/l
RT: 9.37 min Scan# 828
Delta R.T. 0.03 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Tgt Ion: 43 Resp: 8897

Ion	Ratio	Lower	Upper
43	100		
58	21.9	26.3	39.5#

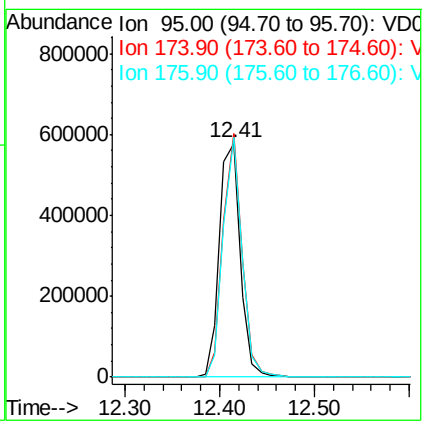


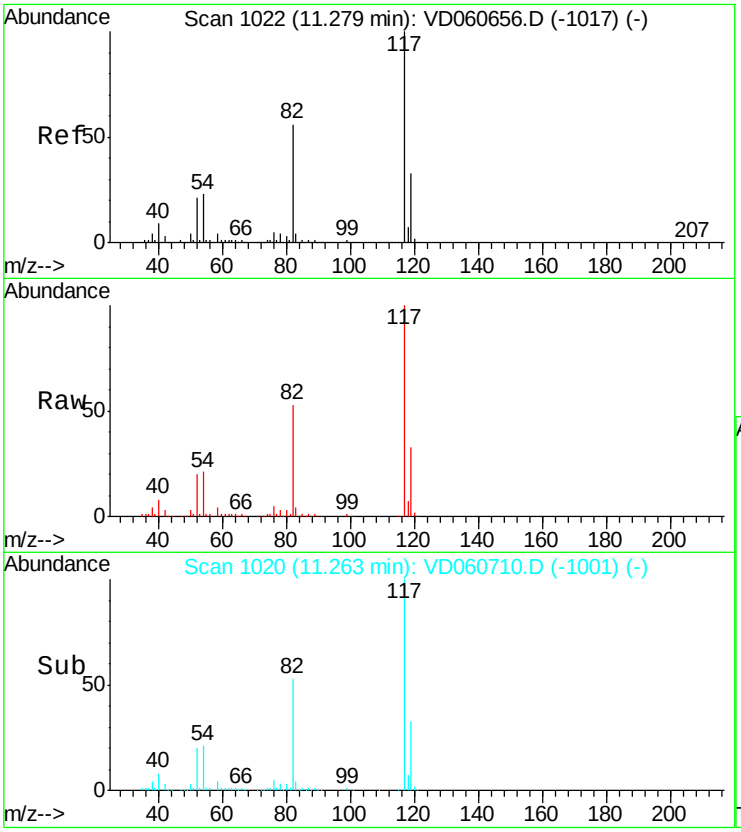


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.41 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion: 95 Resp: 884507

Ion	Ratio	Lower	Upper
95	100		
174	104.2	0.0	158.2
176	102.4	0.0	152.4



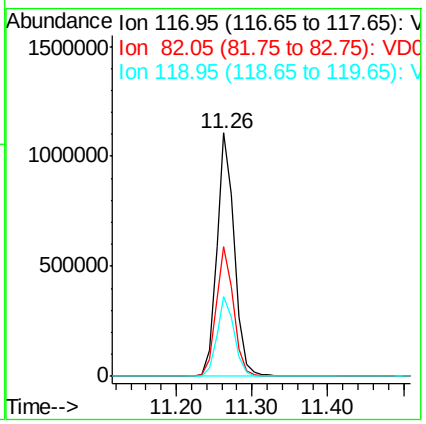


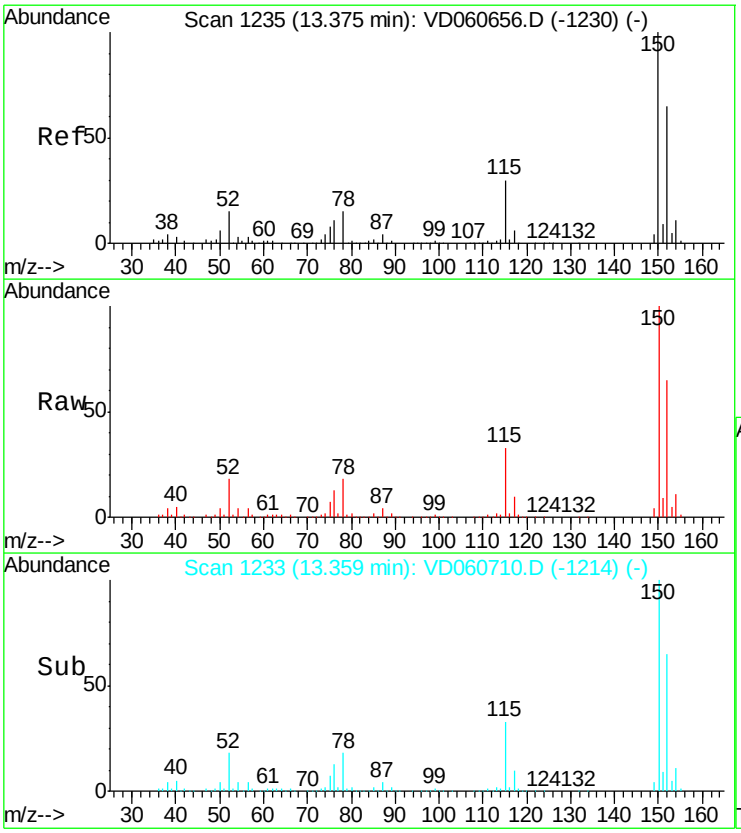
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument : MSVOA_D
ClientSampleId : VD1226SBL01

Tgt Ion:117 Resp: 1779901

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.5	66.7
119	32.6	26.3	39.5

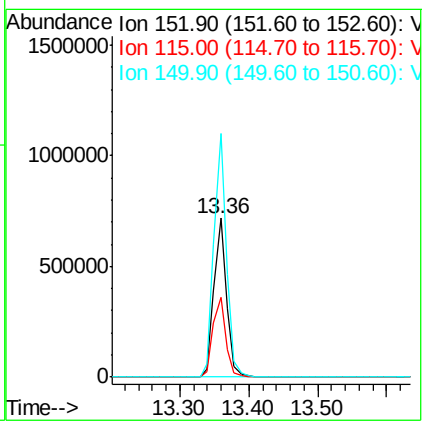


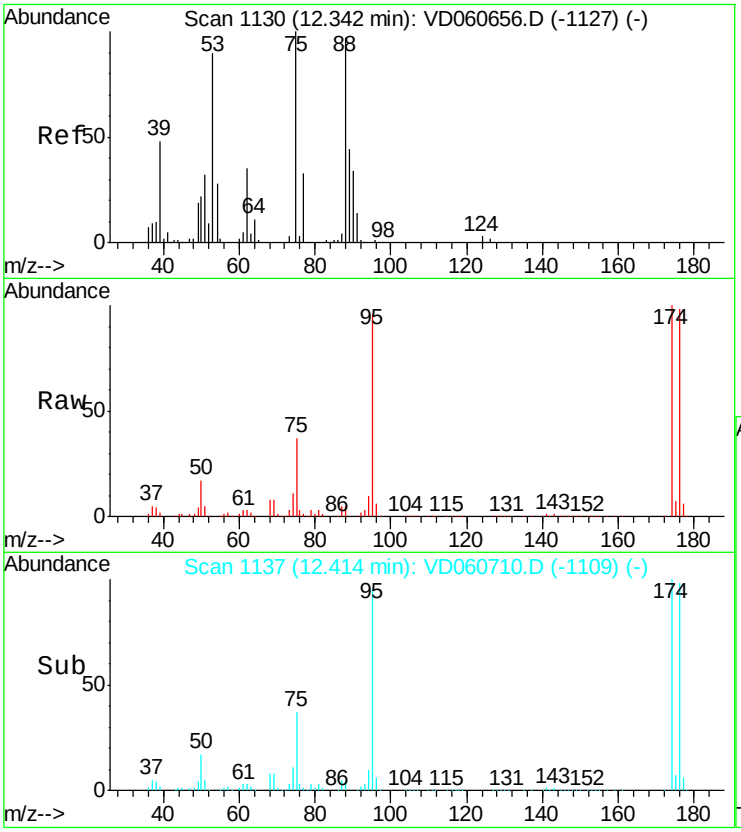


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Tgt Ion:152 Resp: 900841

Ion	Ratio	Lower	Upper
152	100		
115	50.5	24.1	72.3
150	153.3	0.0	315.0





#81
trans-1,4-Dichloro-2-butene
Concen: 123.462 ug/l
RT: 12.41 min Scan# 1137
Delta R.T. 0.07 min
Lab File: VD060710.D
Acq: 26 Dec 2018 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1226SBL01

Tgt Ion: 75 Resp: 349886

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.1	108.1#
89	0.0	35.1	52.7#