Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060668.D
Acq On : 20 Dec 2018 19:48
Operator : VA/AP
Sample : J6465-02
Misc : 4.77g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EB01_0-2

Quant Time: Dec 21 03:40:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	14783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	25646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	23816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	10316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	8901	87.13	ug/l	-0.02
Spiked Amount 50.000			Recovery = 174.26%			
35) Dibromofluoromethane	6.31	113	9206	49.04	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.08%			
50) Toluene-d8	9.46	98	21269	37.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.96%			
62) 4-Bromofluorobenzene	12.43	95	7852	40.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.06%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	188	6.081	ug/l #	2
20) Methylene Chloride	3.73	84	593	3.201	ug/l #	39
38) Carbon Tetrachloride	6.40	117	452	1.940	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.43	75	3461	106.646	ug/l #	13
87) 1,3-Dichlorobenzene	13.39	146	409	1.149	ug/l #	26
88) 1,4-Dichlorobenzene	13.39	146	409	1.166	ug/l #	26

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

Quantitation Report (Not Reviewed)

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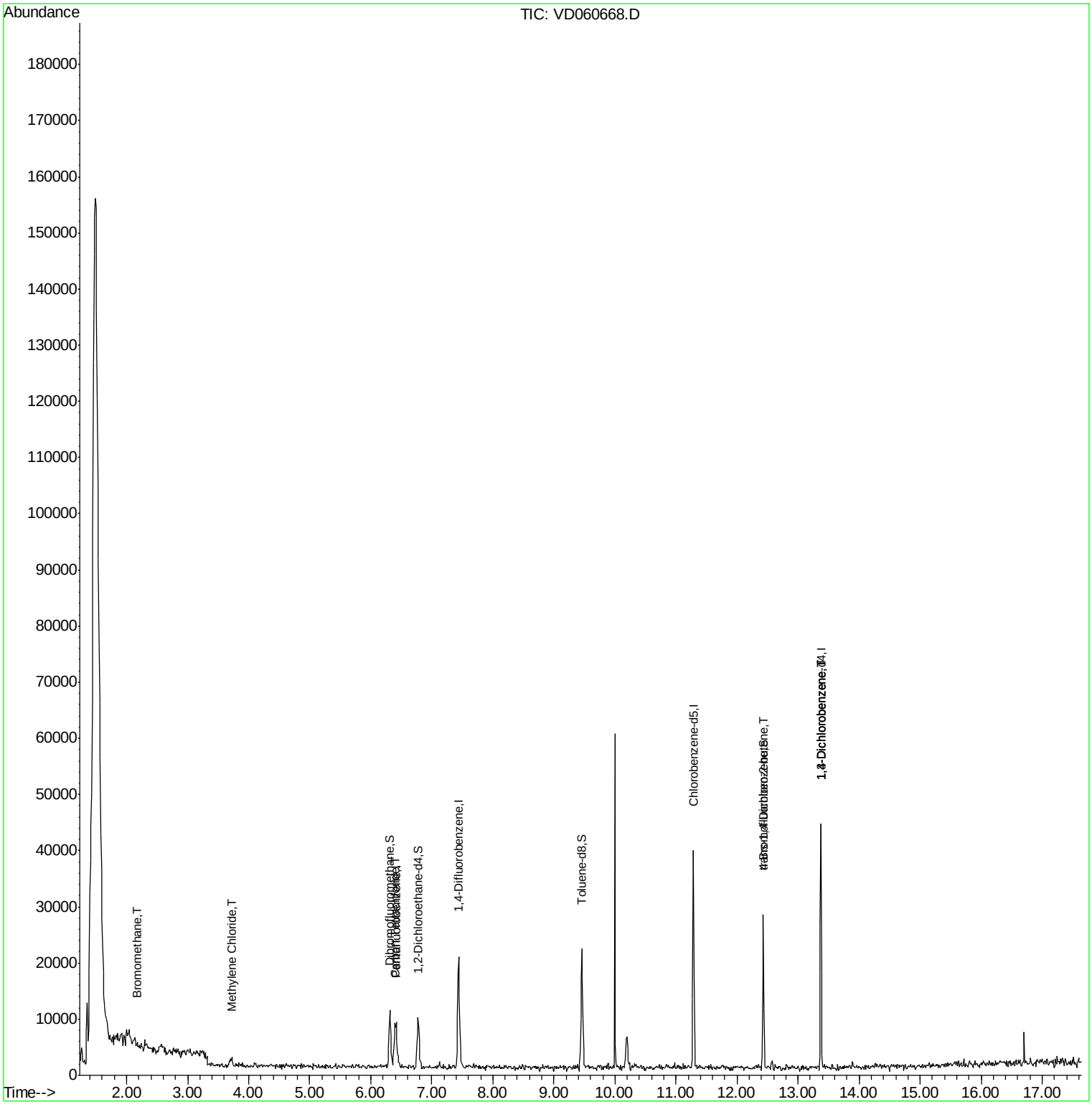
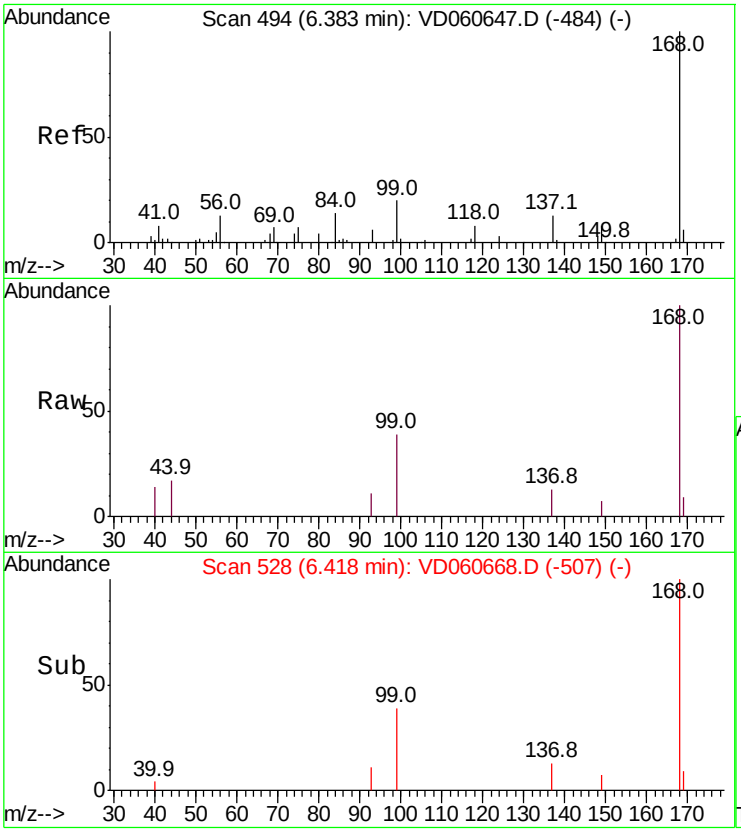
Response via : Initial Calibration



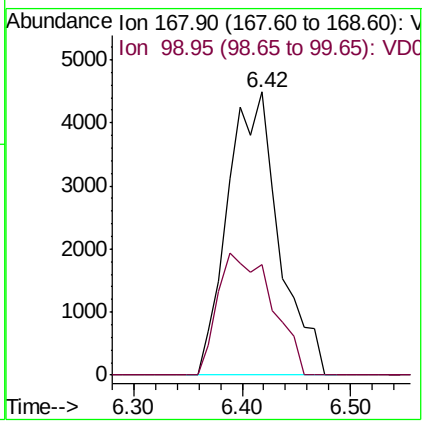


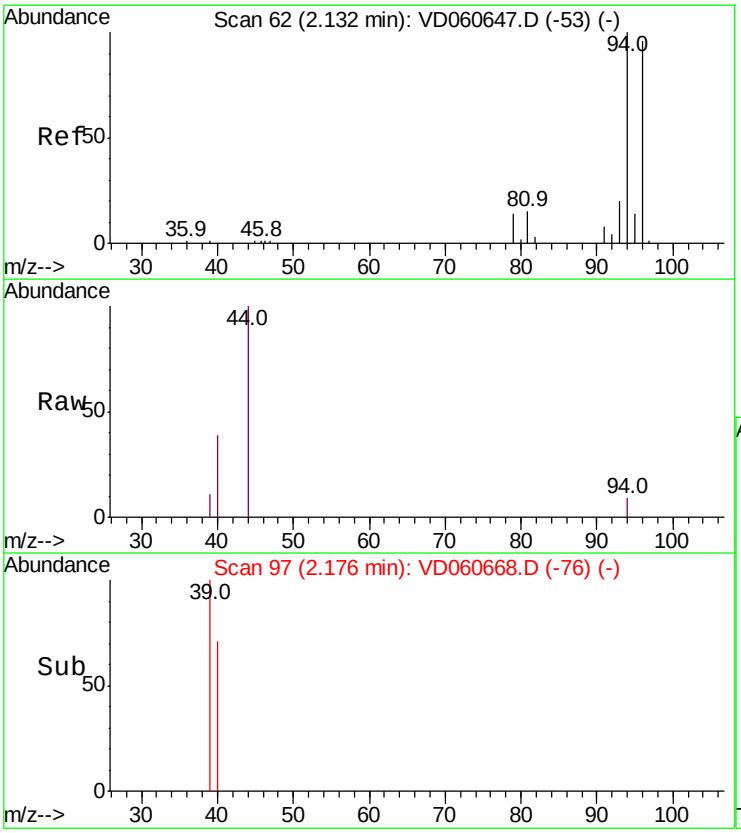
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.42 min Scan# 528
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion:168 Resp: 14783

Ion	Ratio	Lower	Upper
168	100		
99	39.2	38.7	58.1

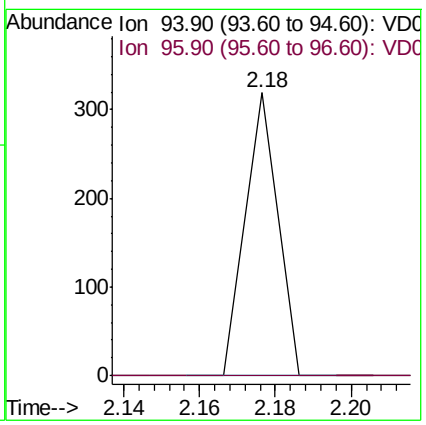


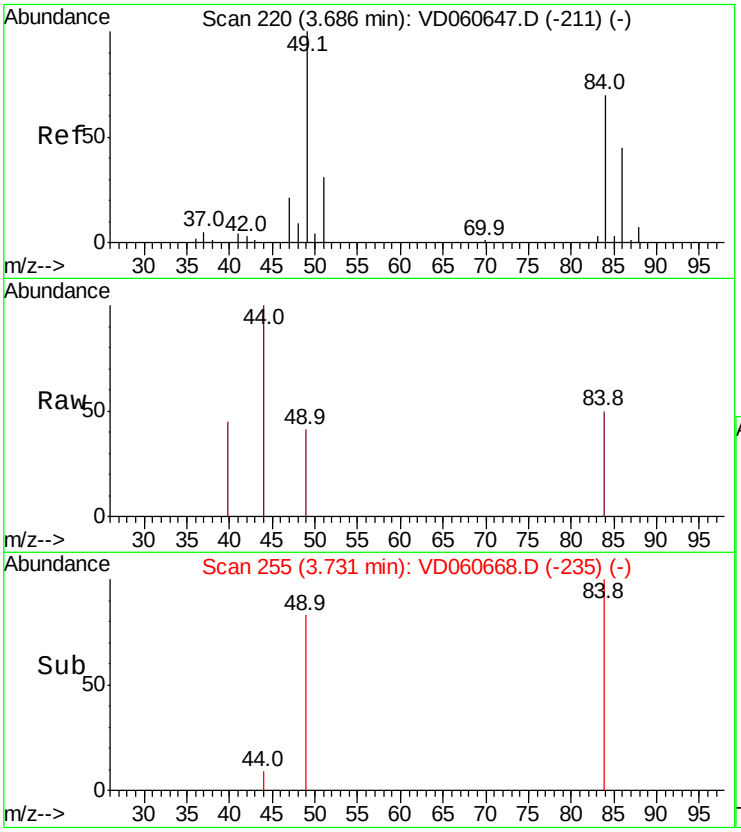


#5
Bromomethane
Concen: 6.081 ug/l
RT: 2.18 min Scan# 97
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion: 94 Resp: 188

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.2	115.8#



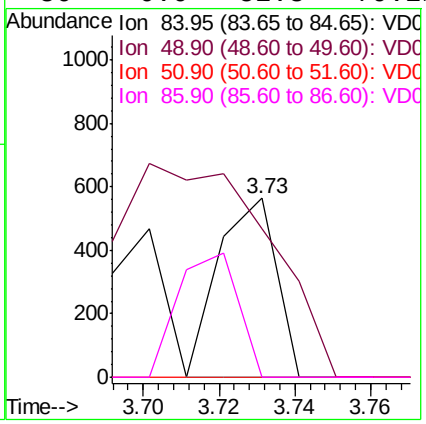


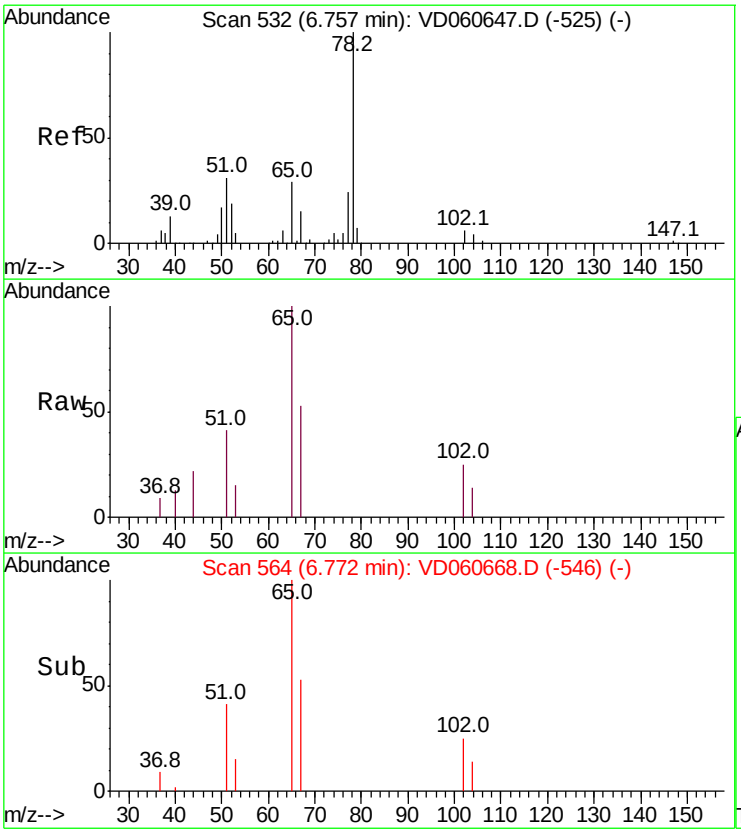
#20
Methylene Chloride
Concen: 3.201 ug/l
RT: 3.73 min Scan# 255
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument : MSVOA_D
ClientSampleId : EB01_0-2

Tgt Ion: 84 Resp: 593

Ion	Ratio	Lower	Upper
84	100		
49	82.9	113.6	170.4#
51	0.0	34.7	52.1#
86	0.0	52.8	79.2#

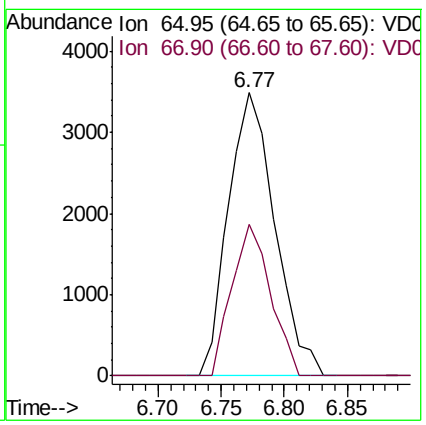


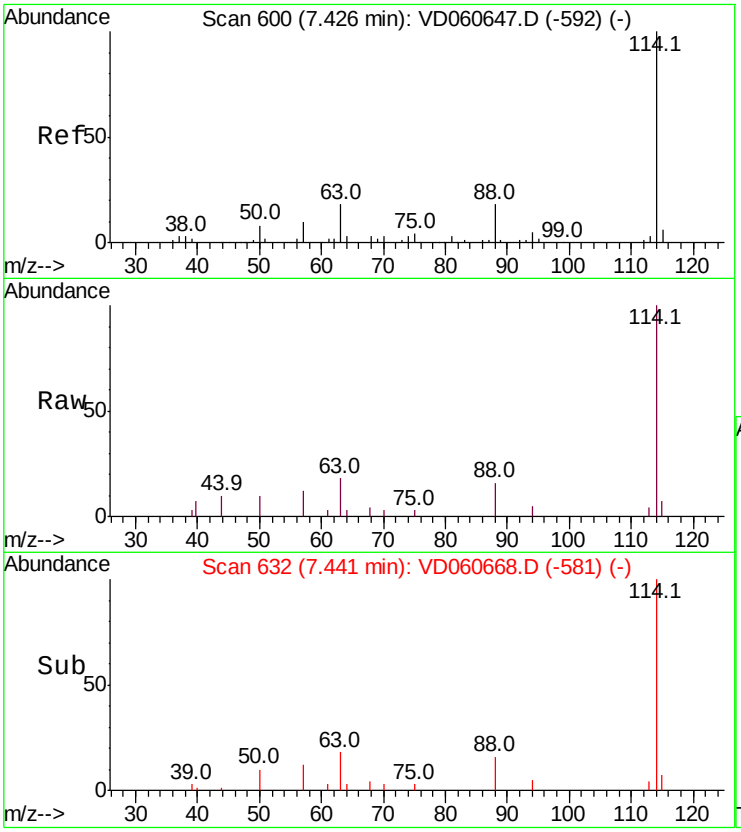


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 564
Delta R.T. -0.02 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion: 65 Resp: 8901

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



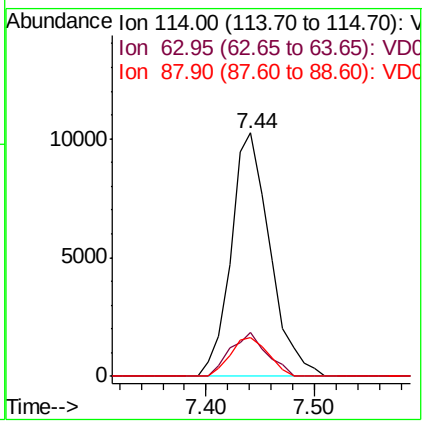


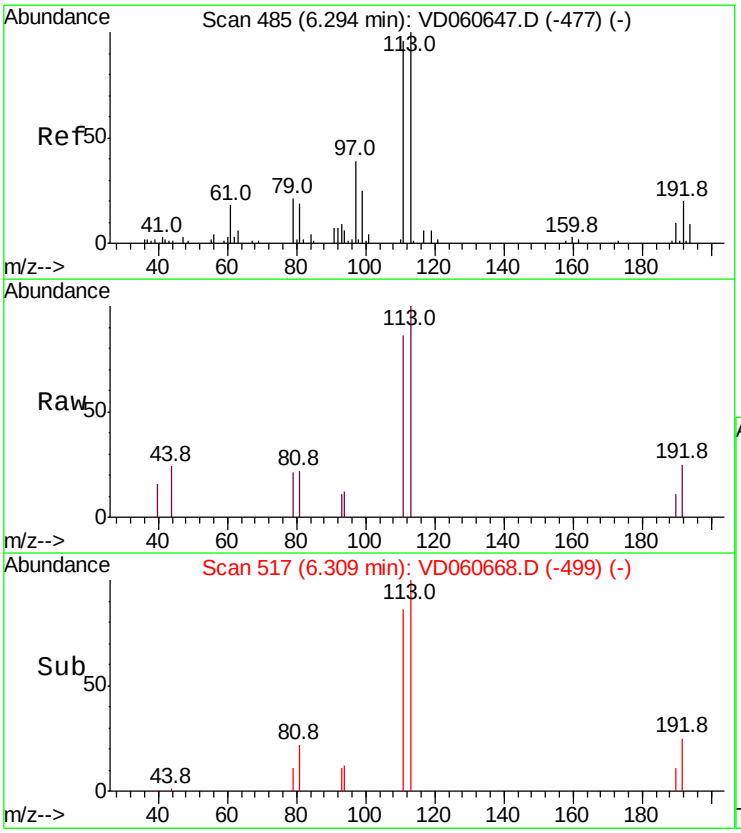
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 632
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion:114 Resp: 25646

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.2
88	15.7	0.0	37.0

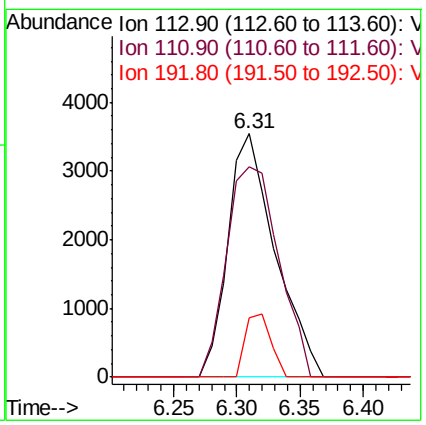


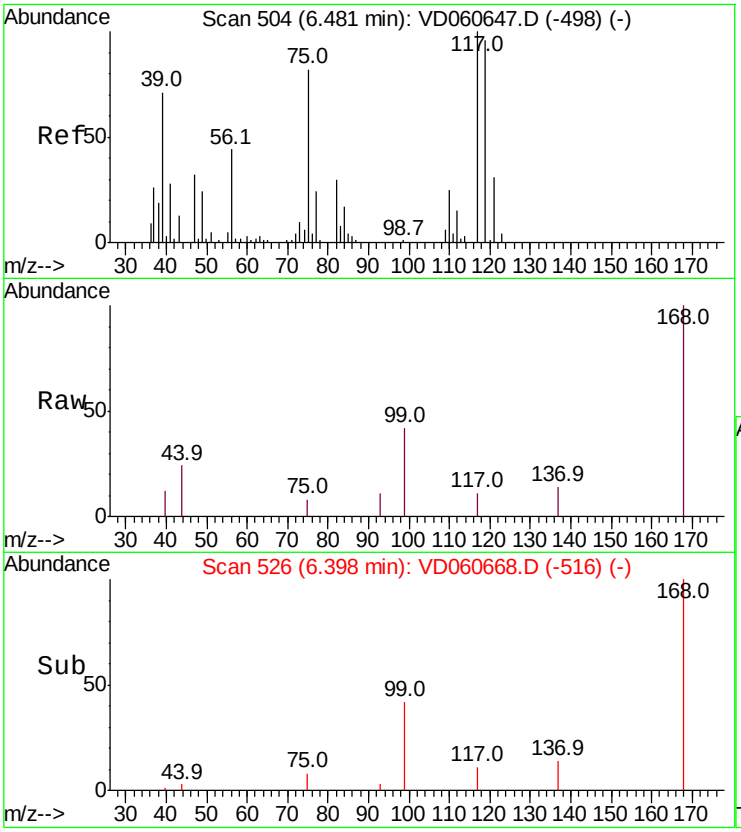


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 517
Delta R.T. -0.02 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion:113 Resp: 9206

Ion	Ratio	Lower	Upper
113	100		
111	86.4	80.0	120.0
192	24.6	16.6	25.0



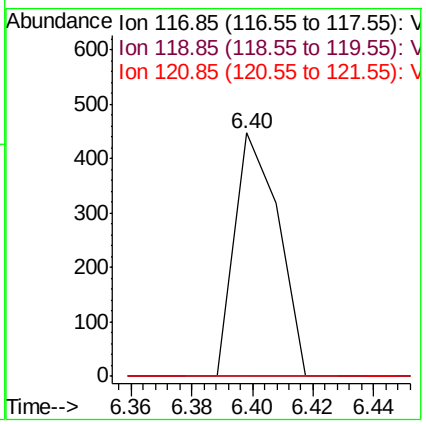


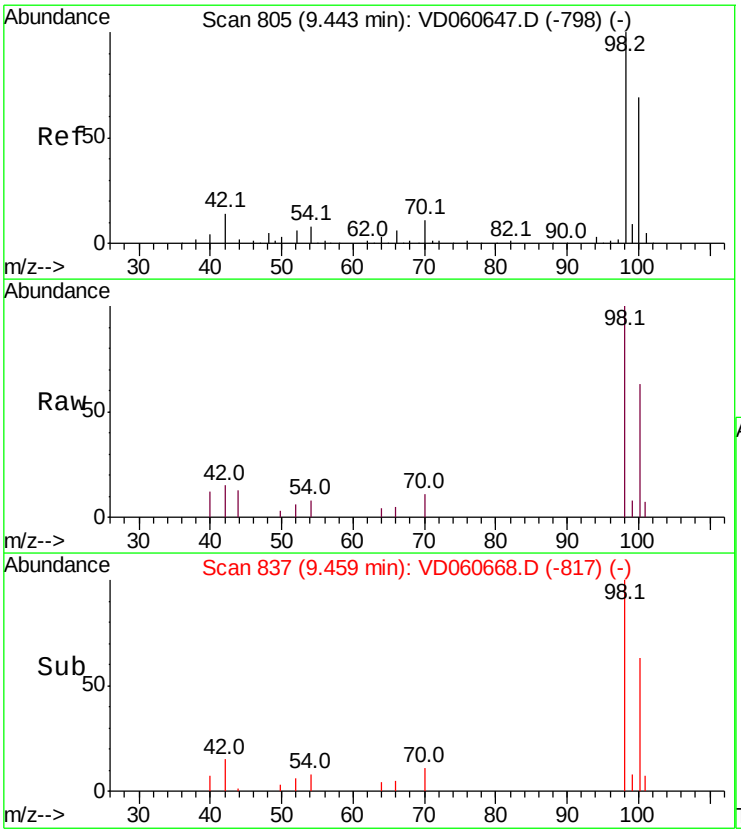
#38
Carbon Tetrachloride
Concen: 1.940 ug/l
RT: 6.40 min Scan# 526
Delta R.T. -0.10 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion:117 Resp: 452

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

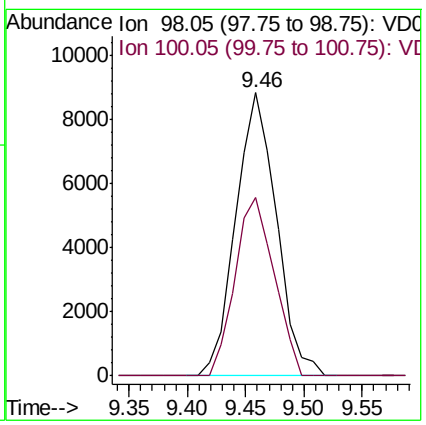


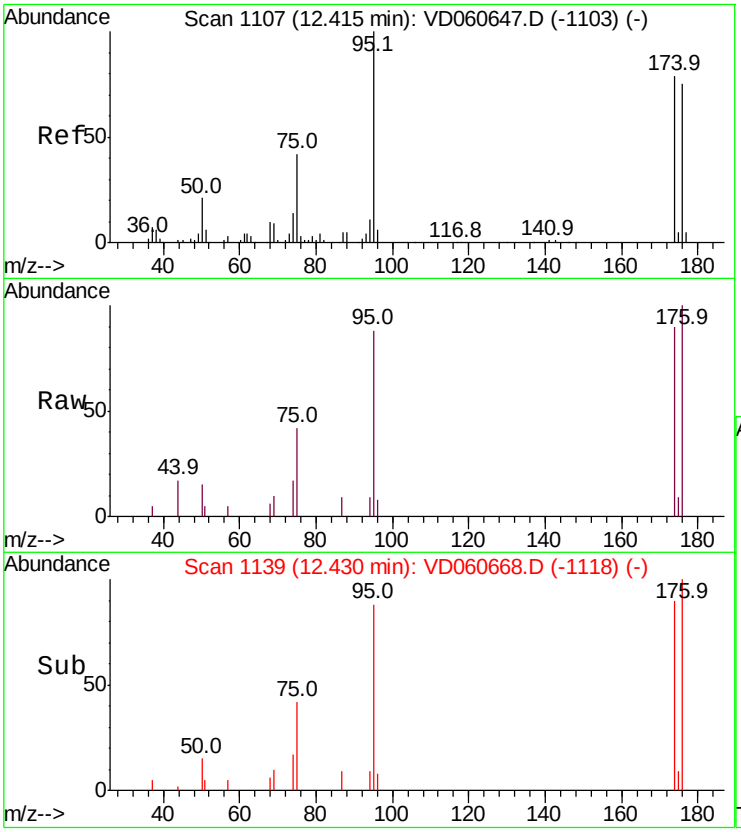


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion: 98 Resp: 21269

Ion	Ratio	Lower	Upper
98	100		
100	62.9	55.8	83.8



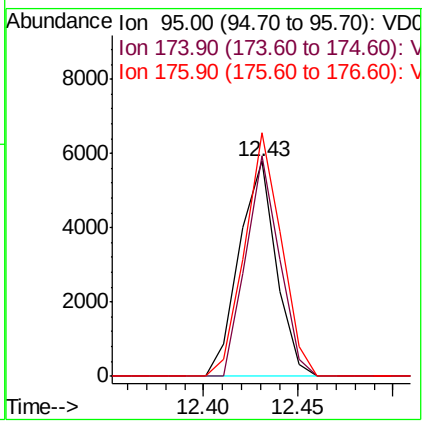


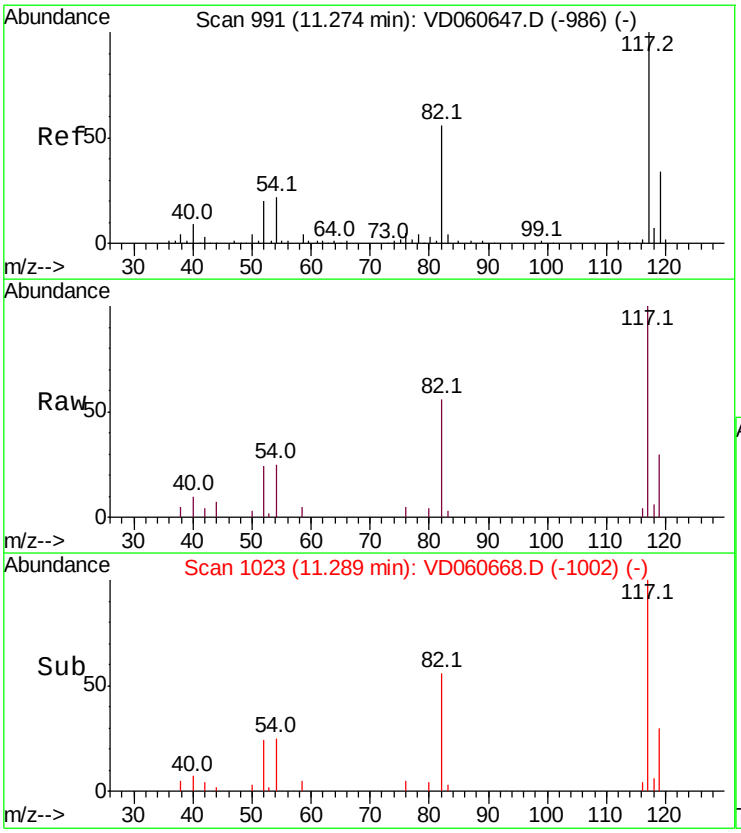
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument : MSVOA_D
ClientSampleId : EB01_0-2

Tgt Ion: 95 Resp: 7852

Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	158.2
176	113.1	0.0	152.4

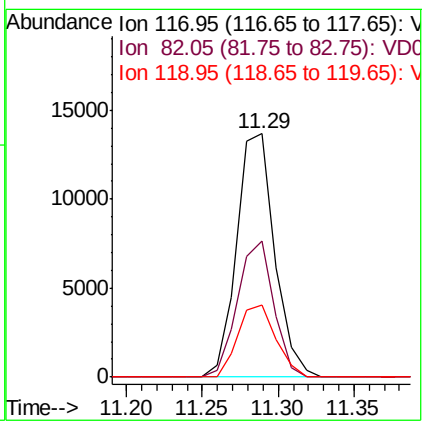


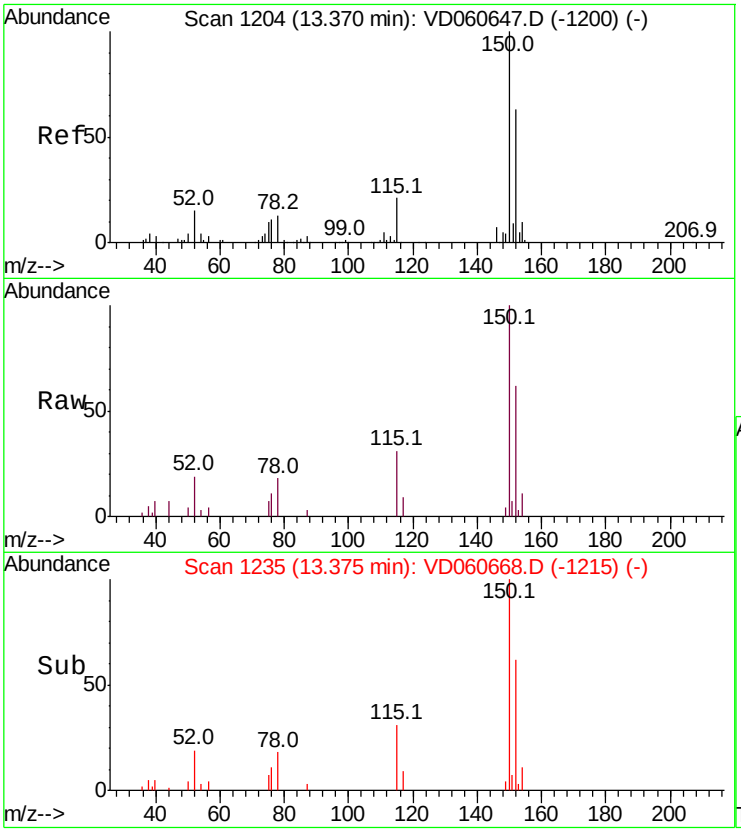


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion:117 Resp: 23816

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	29.6	26.3	39.5



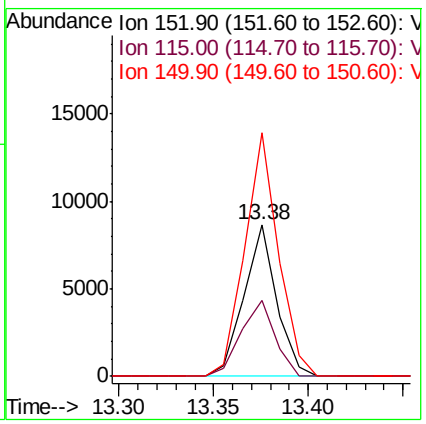


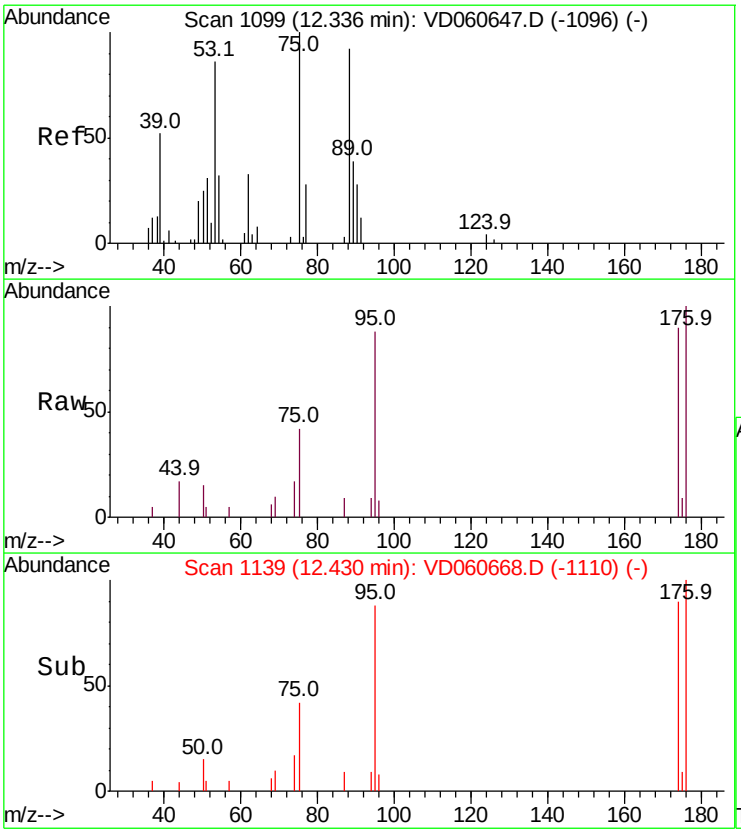
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument : MSVOA_D
ClientSampleId : EB01_0-2

Tgt Ion:152 Resp: 10316

Ion	Ratio	Lower	Upper
152	100		
115	49.8	24.1	72.3
150	160.2	0.0	315.0

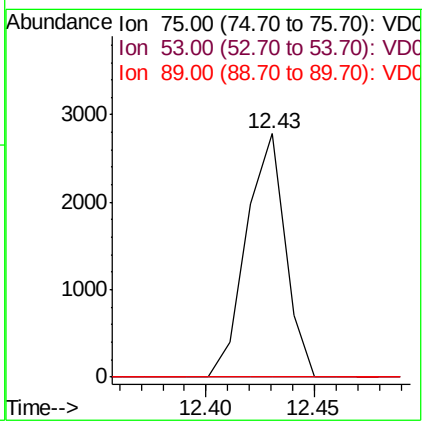


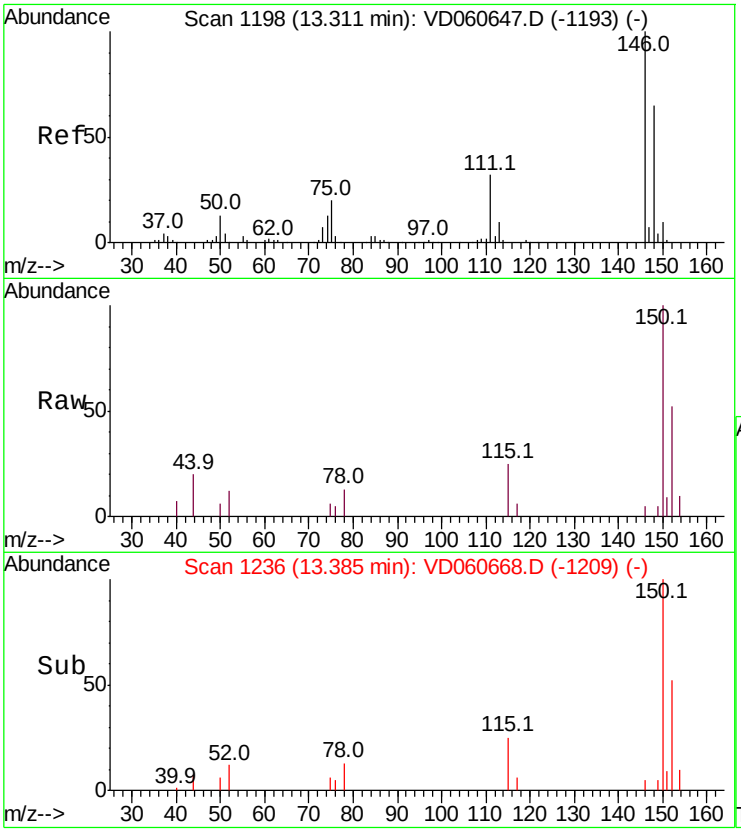


#81
trans-1,4-Dichloro-2-butene
Concen: 106.646 ug/l
RT: 12.43 min Scan# 1139
Delta R.T. 0.09 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion: 75 Resp: 3461

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



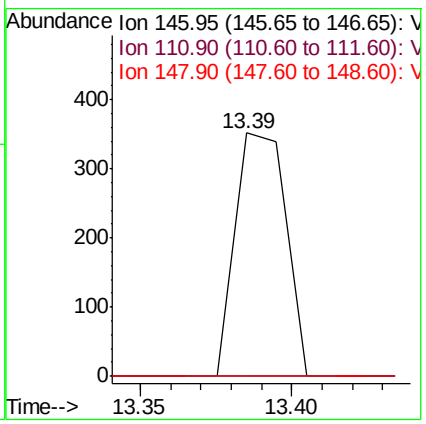


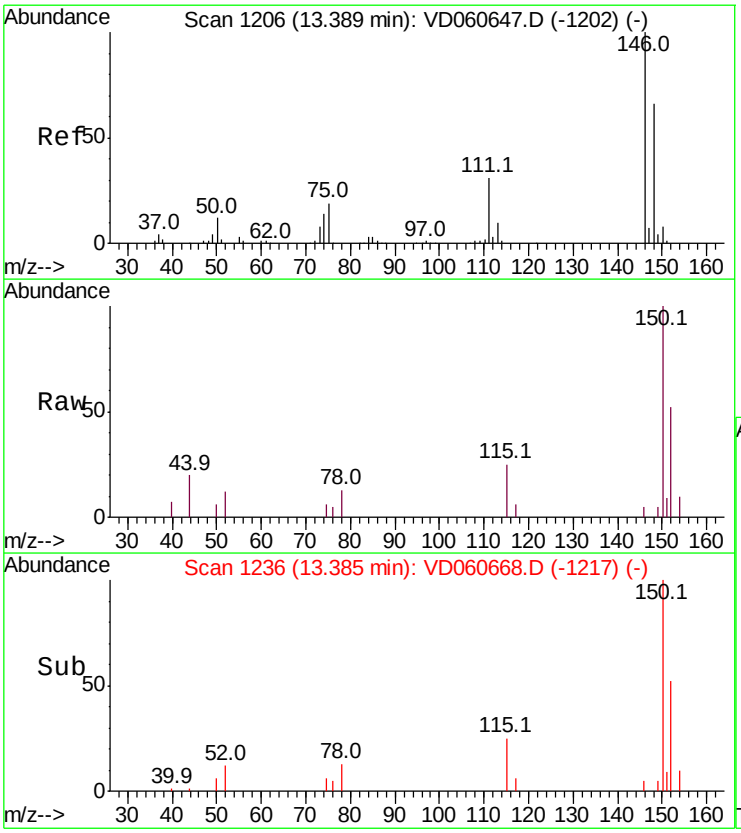
#87
1,3-Dichlorobenzene
Concen: 1.149 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.07 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Instrument :
MSVOA_D
ClientSampleId :
EB01_0-2

Tgt Ion:146 Resp: 409

Ion	Ratio	Lower	Upper
146	100		
111	0.0	16.6	49.8#
148	0.0	32.6	97.8#





#88
1,4-Dichlorobenzene
Concen: 1.166 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VD060668.D
Acq: 20 Dec 2018 19:48

Tgt Ion:146 Resp: 409

Ion	Ratio	Lower	Upper
146	100		
111	0.0	16.2	48.5#
148	0.0	32.7	98.1#