Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
Data File : VD067256.D
Acq On : 13 Oct 2020 17:03
Operator : VA/SY
Sample : L4217-01
Misc : 8.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Quant Time: Oct 14 02:12:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 13 13:05:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	341340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	568440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	534388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	177448	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.78%			
35) Dibromofluoromethane	7.92	113	187068	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
50) Toluene-d8	10.34	98	669334	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
62) 4-Bromofluorobenzene	12.64	95	225635	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	1096	Below Cal	#	44
5) Bromomethane	2.77	94	799	Below Cal		82
20) Methylene Chloride	4.96	84	4816	Below Cal		93
31) Cyclohexane	7.99	56	7272	1.846 ug/l	#	20
76) 1,2,3-Trichloropropane	12.64	75	114407	66.939 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.64	75	114407	151.798 ug/l	#	10

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

Quantitation Report (Not Reviewed)

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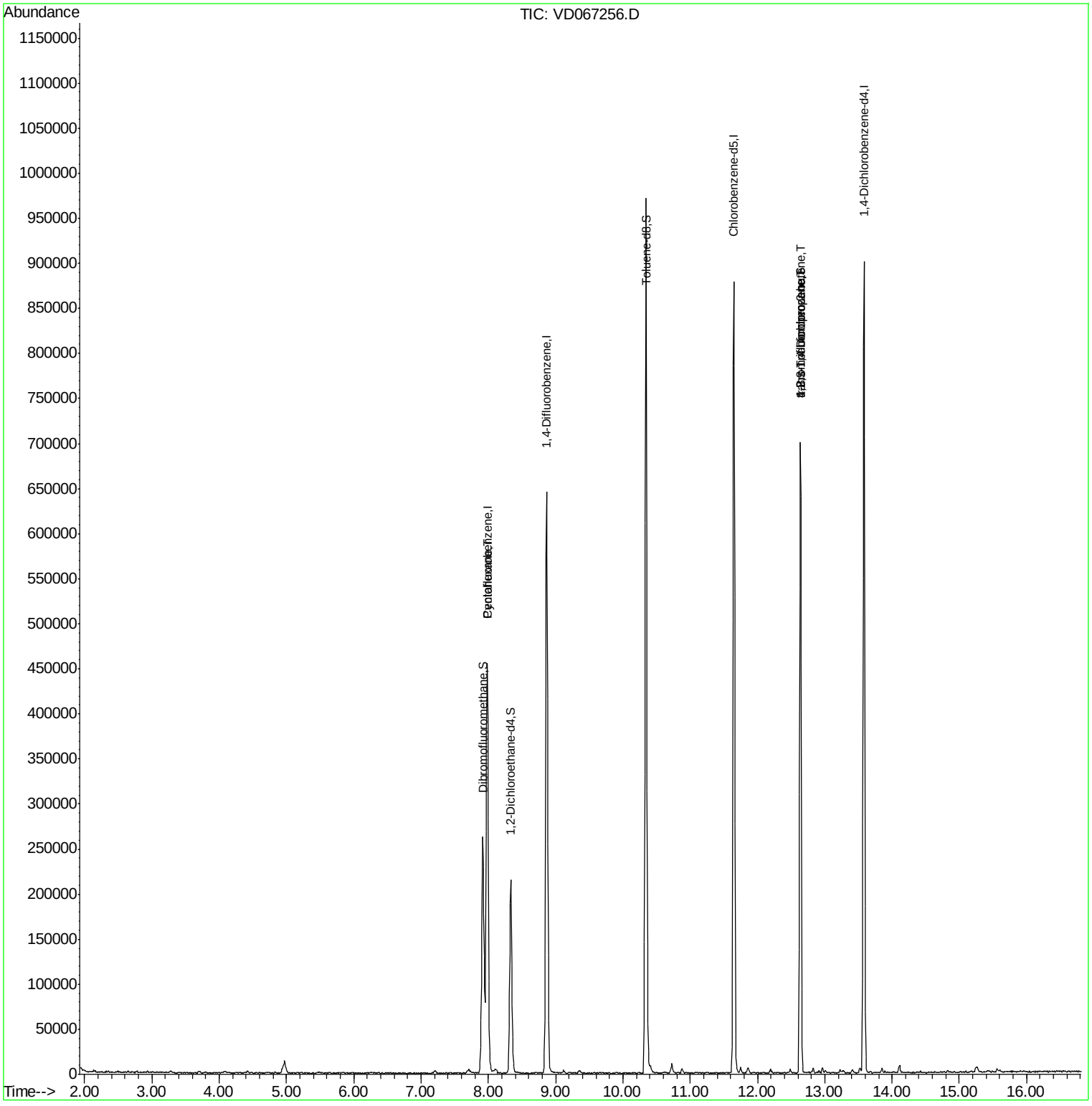
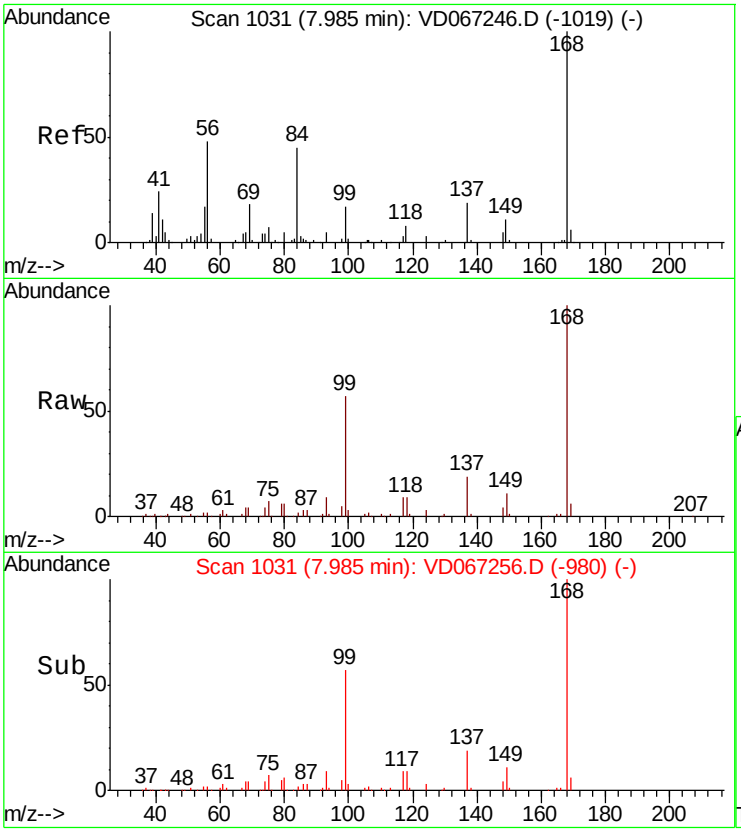
QLast Update : Tue Oct 13 13:05:03 2020
Response via : Initial Calibration



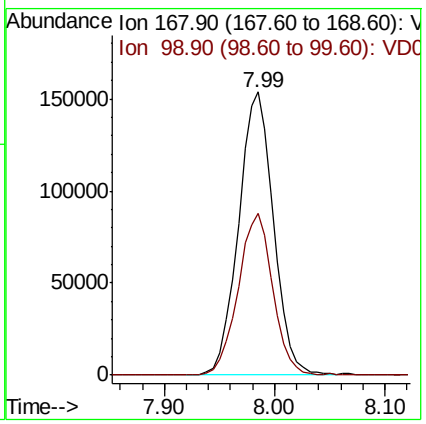


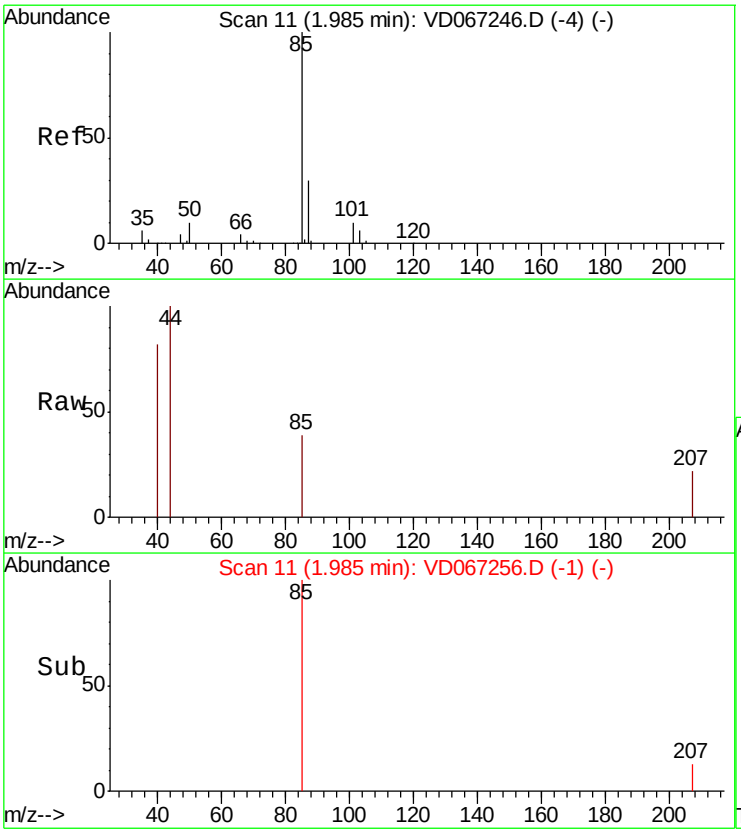
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion:168 Resp: 341340

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.9	68.9

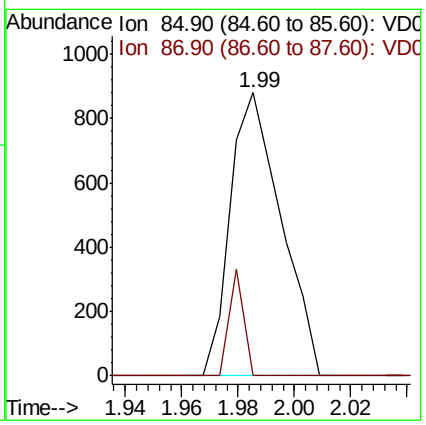


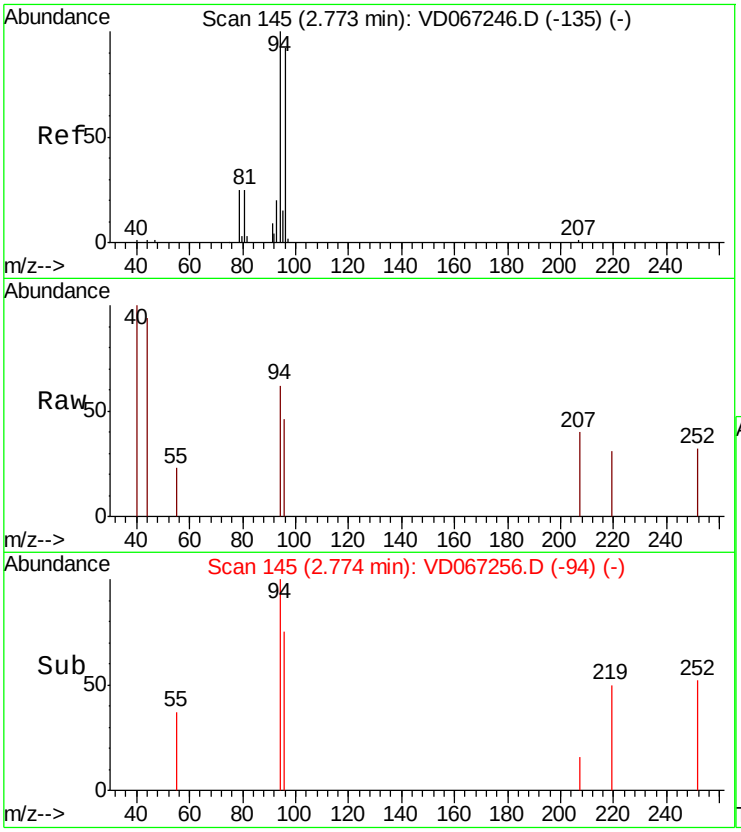


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion: 85 Resp: 1096

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.2	45.6#



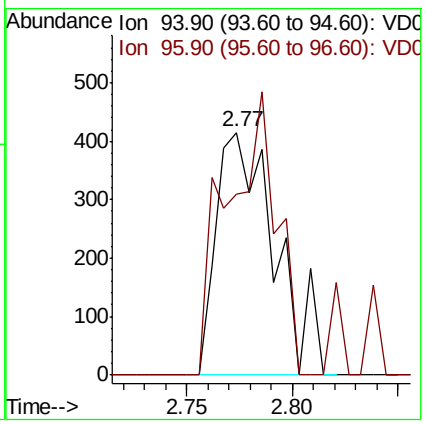


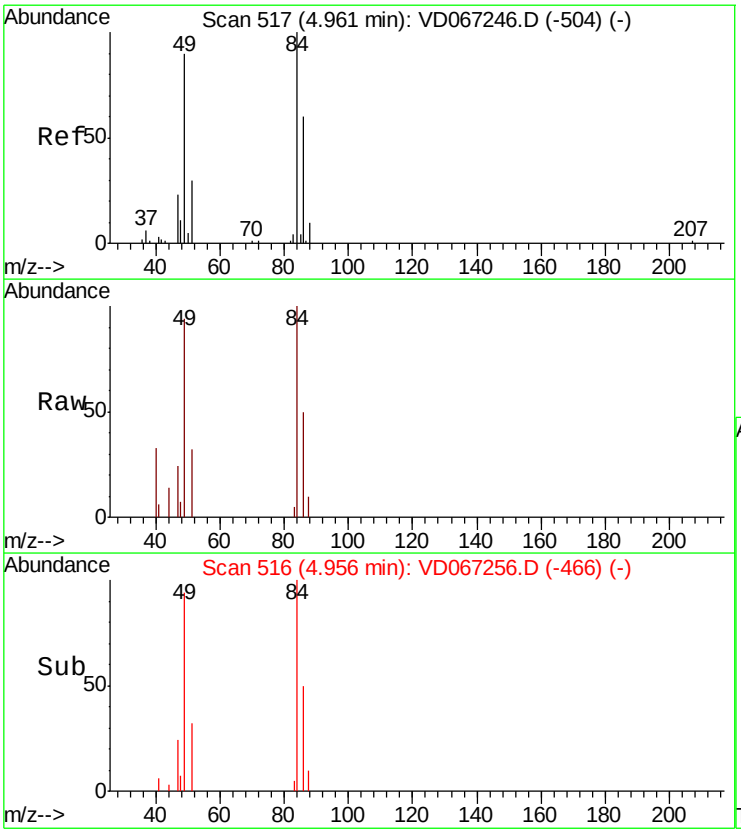
#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 145
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion: 94 Resp: 799

Ion	Ratio	Lower	Upper
94	100		
96	74.7	73.8	110.6

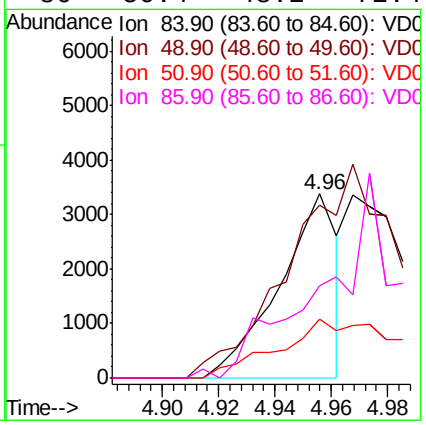


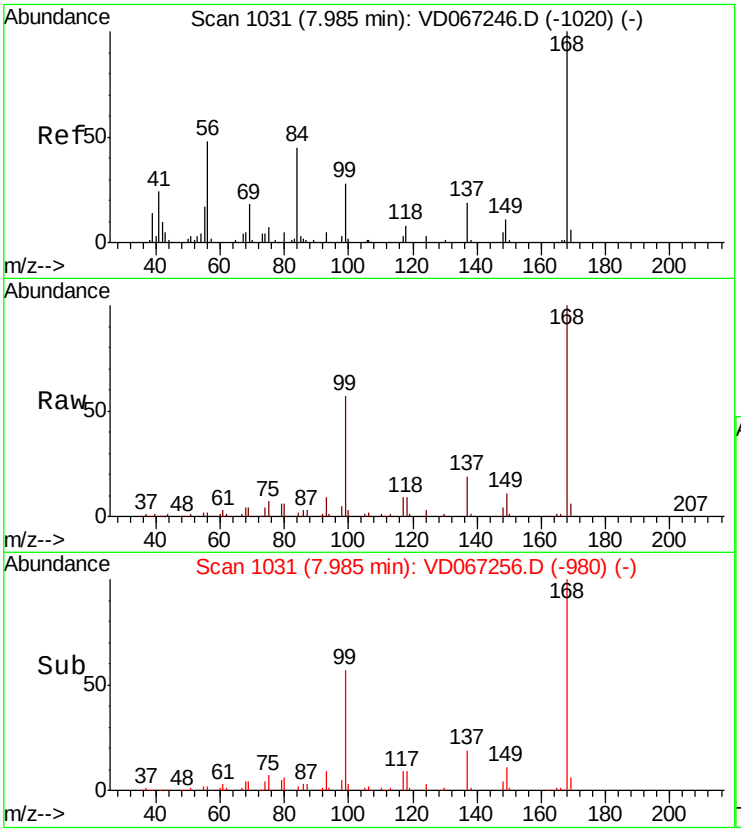


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion: 84 Resp: 4816

Ion	Ratio	Lower	Upper
84	100		
49	94.2	72.2	108.2
51	31.9	23.8	35.8
86	50.4	48.2	72.4



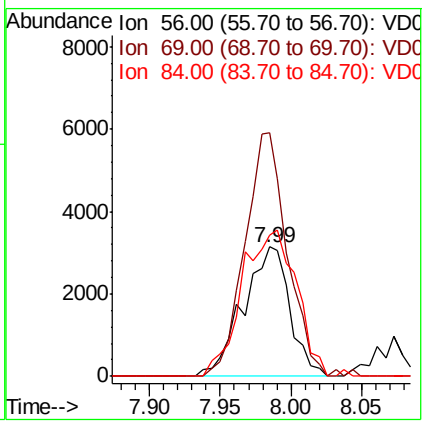


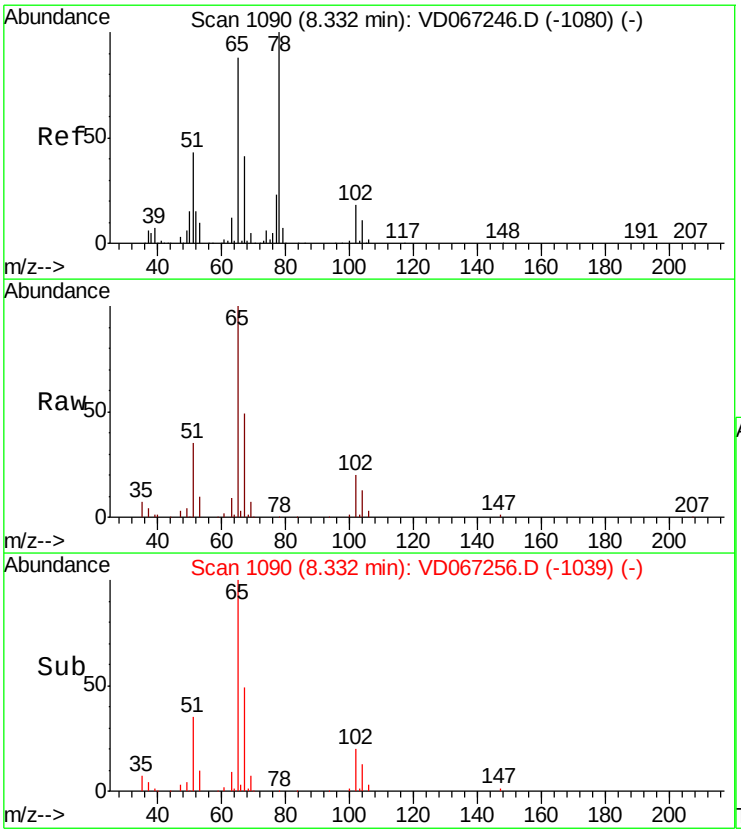
#31
Cyclohexane
Concen: 1.846 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion: 56 Resp: 7272

Ion	Ratio	Lower	Upper
56	100		
69	188.1	29.8	44.6#
84	108.8	76.6	114.8

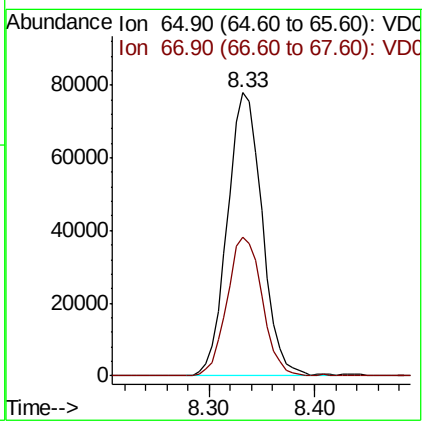


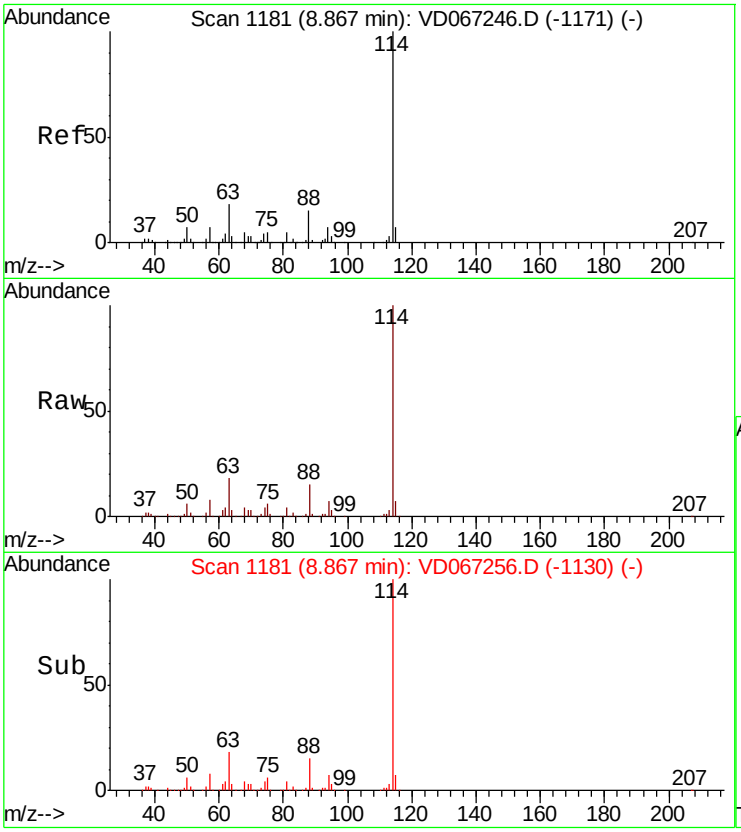


#33
1,2-Dichloroethane-d4
Concen: 51.890 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion: 65 Resp: 177448

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	103.8



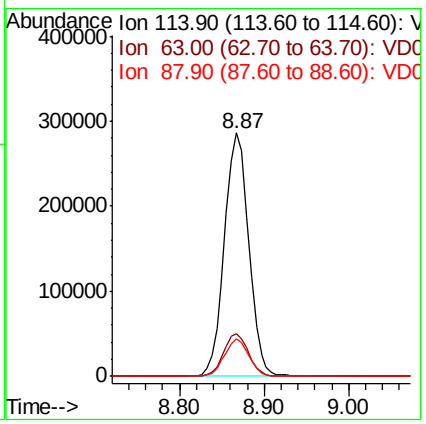


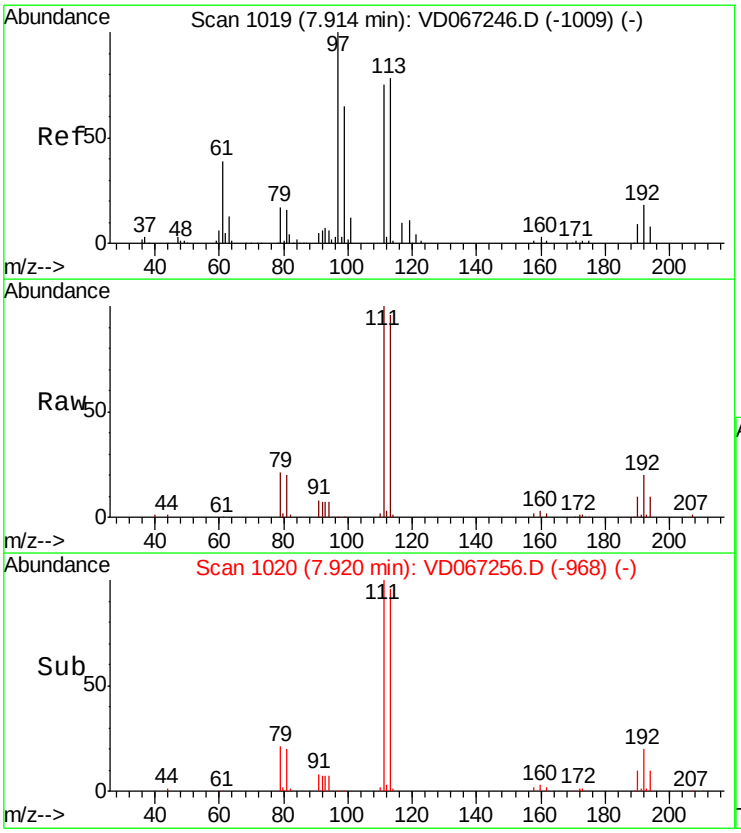
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument :
MSVOA_D
ClientSampleId :
HR-01-101220

Tgt Ion:114 Resp: 568440

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	15.3	0.0	30.6

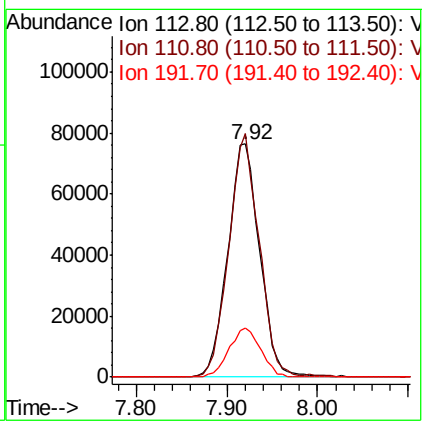


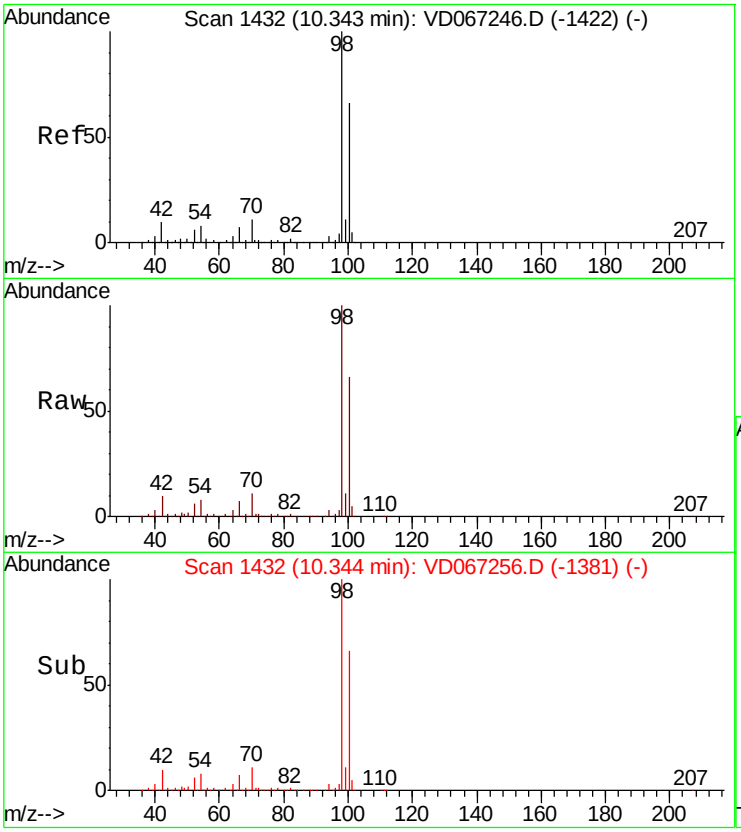


#35
Dibromofluoromethane
Concen: 49.450 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion:113 Resp: 187068

Ion	Ratio	Lower	Upper
113	100		
111	98.9	81.6	122.4
192	20.9	17.0	25.4



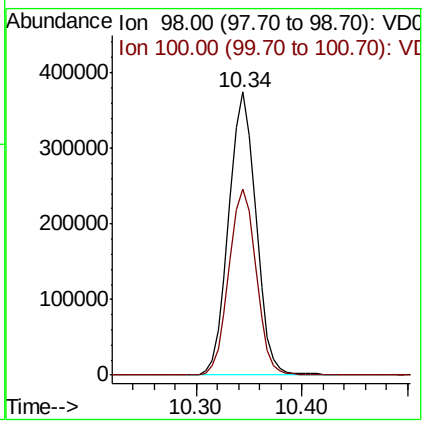


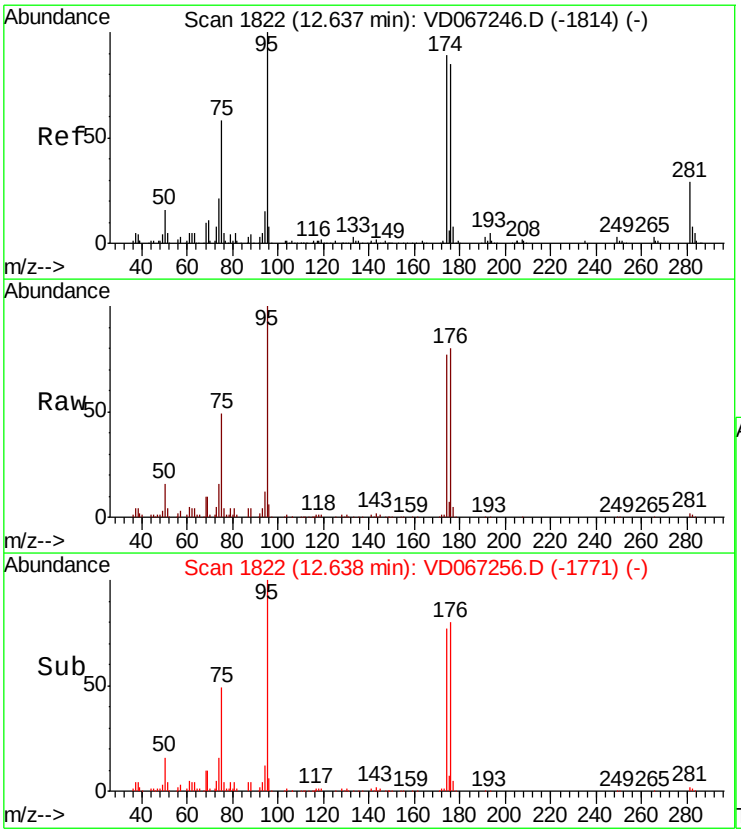
#50
Toluene-d8
Concen: 48.891 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion: 98 Resp: 669334

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

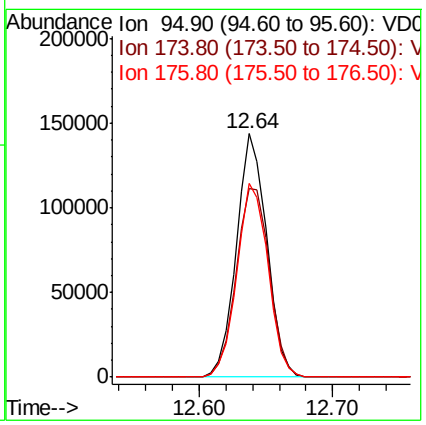


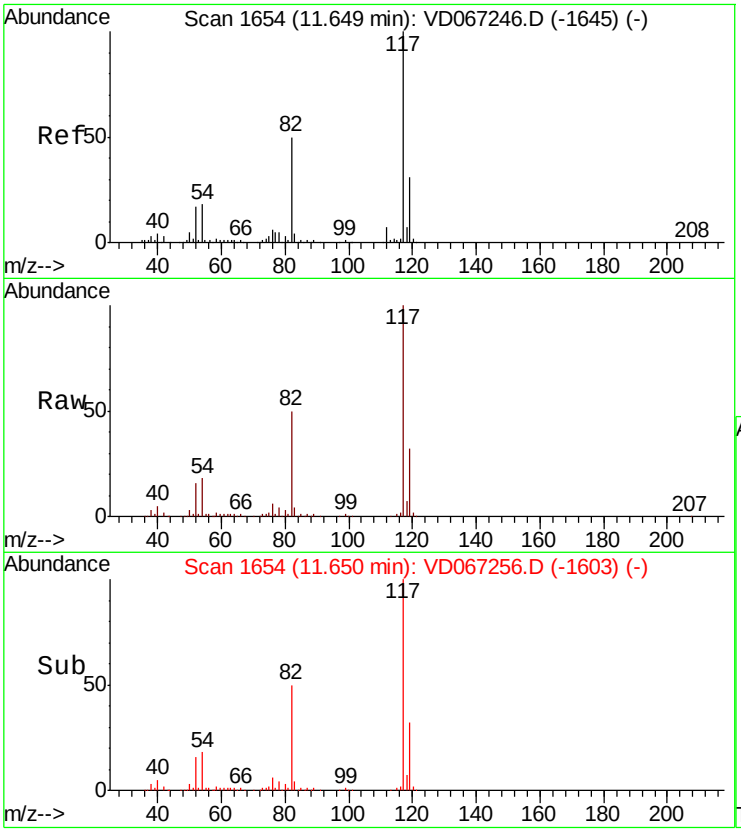


#62
4-Bromofluorobenzene
Concen: 47.398 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion: 95 Resp: 225635

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	175.2
176	81.9	0.0	168.6



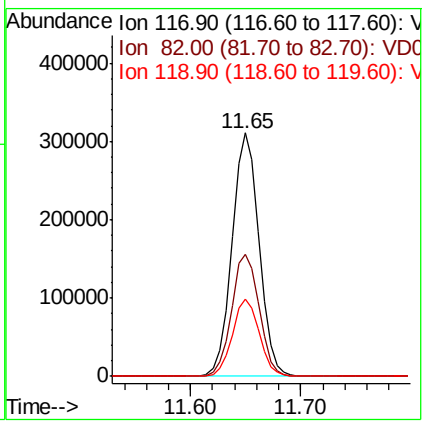


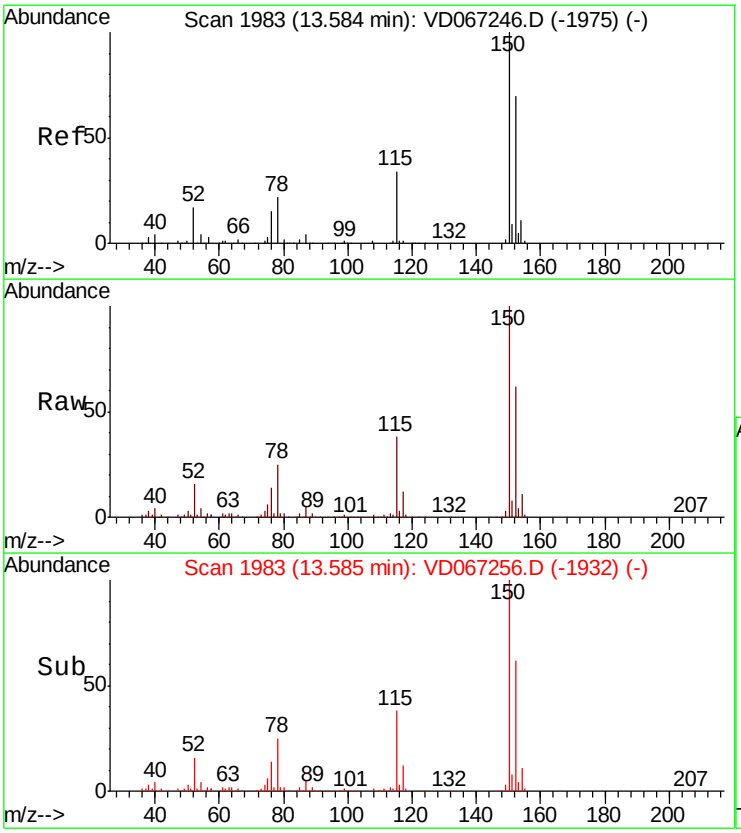
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion:117 Resp: 534388

Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.9	59.9
119	32.0	24.9	37.3

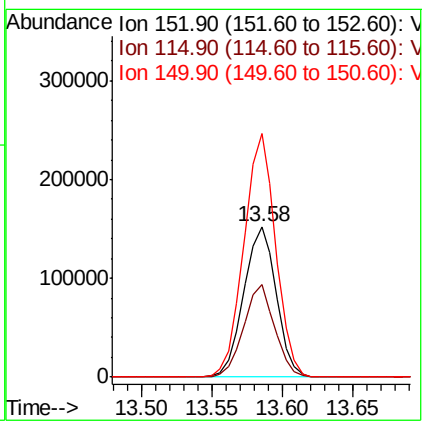


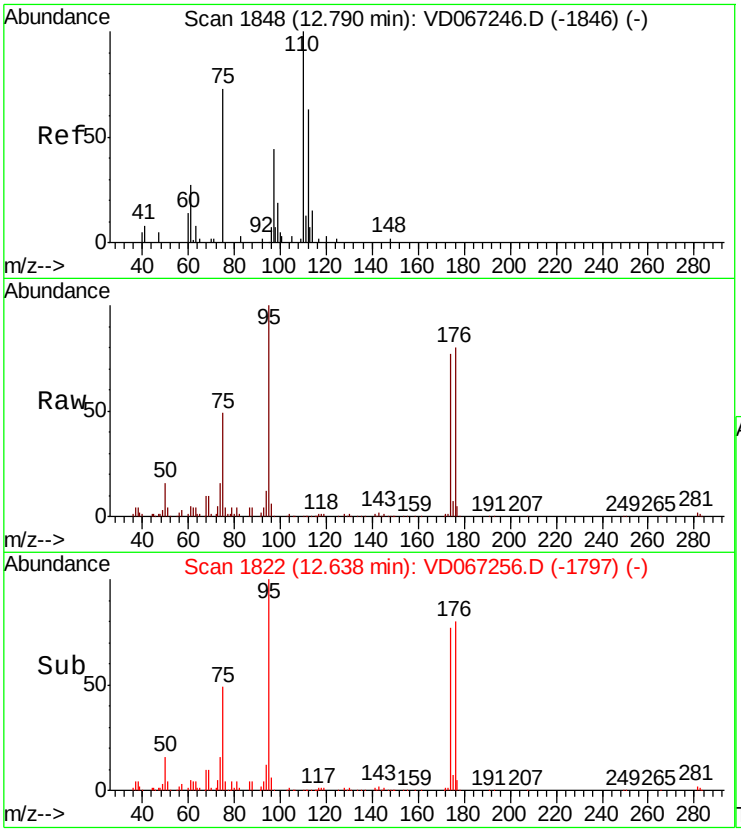


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion:152 Resp: 246593

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	87.9
150	157.9	0.0	339.0



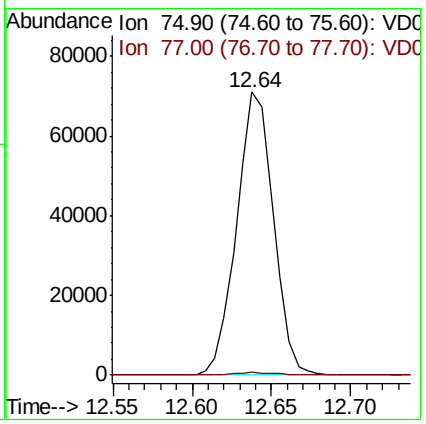


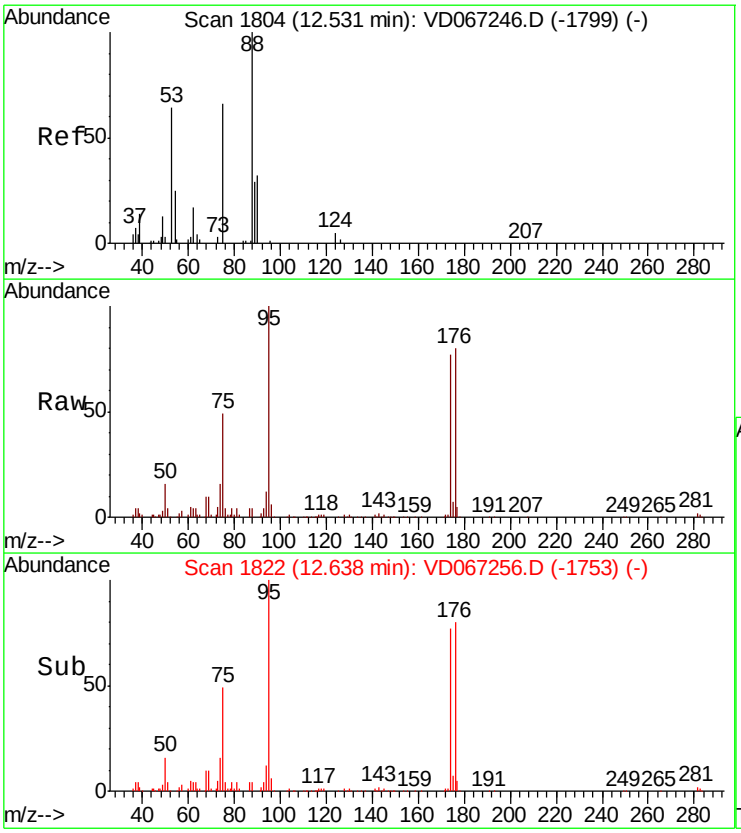
#76
1,2,3-Trichloropropane
Concen: 66.939 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Instrument : MSVOA_D
ClientSampleId : HR-01-101220

Tgt Ion: 75 Resp: 114407

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 151.798 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067256.D
Acq: 13 Oct 2020 17:03

Tgt Ion: 75 Resp: 114407

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	39.9	59.9#