Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070120\
Data File : VD065909.D
Acq On : 01 Jul 2020 16:42
Operator : VA/SY
Sample : L3172-07
Misc : 4.993G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP4-SS

Quant Time: Jul 02 05:37:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	18780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	35032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	35878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	16866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	18809	96.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 192.80%			
35) Dibromofluoromethane	7.91	113	12868	59.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.86%			
50) Toluene-d8	10.34	98	37522	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.14%			
62) 4-Bromofluorobenzene	12.64	95	14514	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.78%			
Target Compounds						Qvalue
20) Methylene Chloride	4.97	84	2927	10.384	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.27	105	1198	1.204	ug/l	81
95) Naphthalene	15.41	128	4051	7.699	ug/l #	92

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

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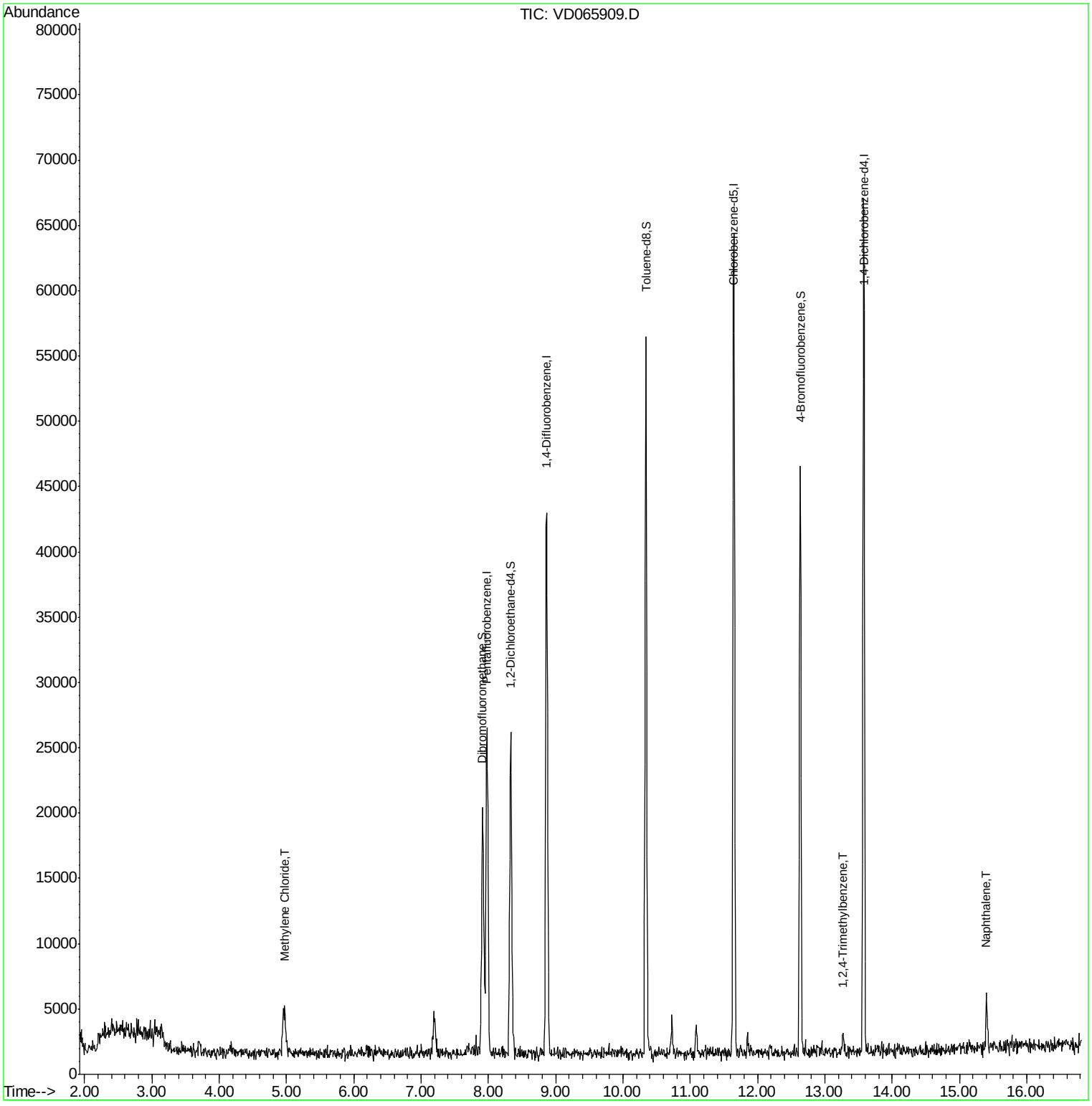
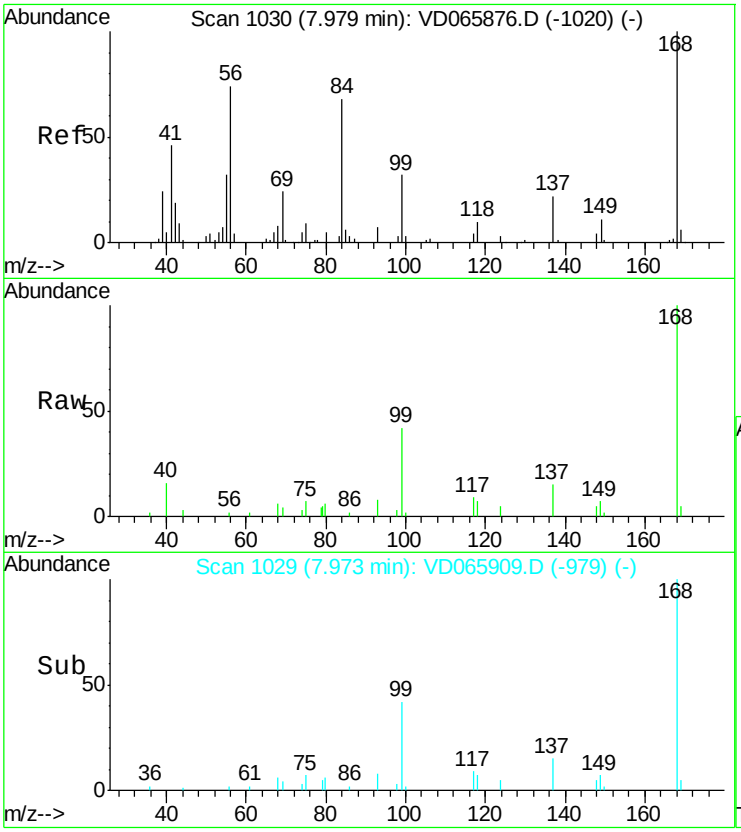


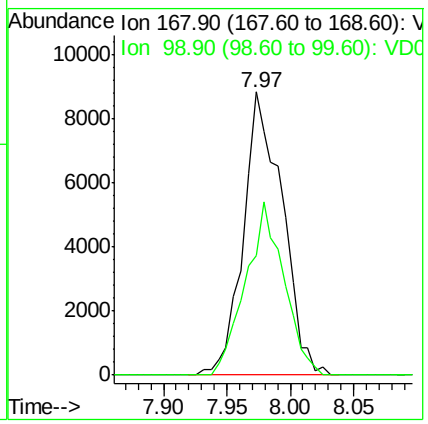


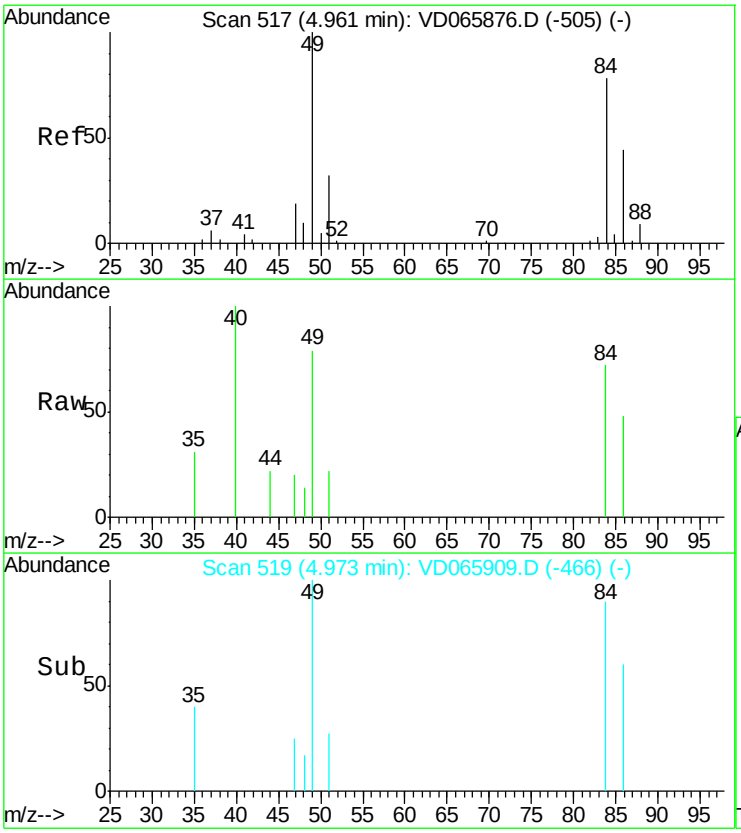
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion:168 Resp: 18780

Ion	Ratio	Lower	Upper
168	100		
99	42.0	51.3	76.9#

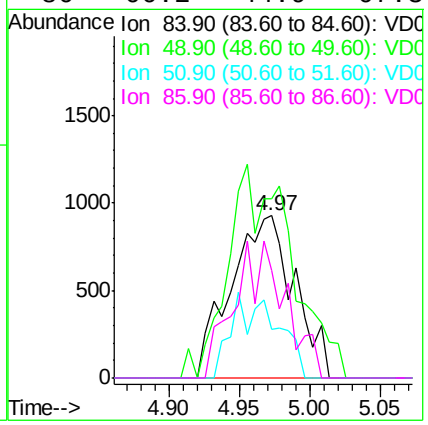


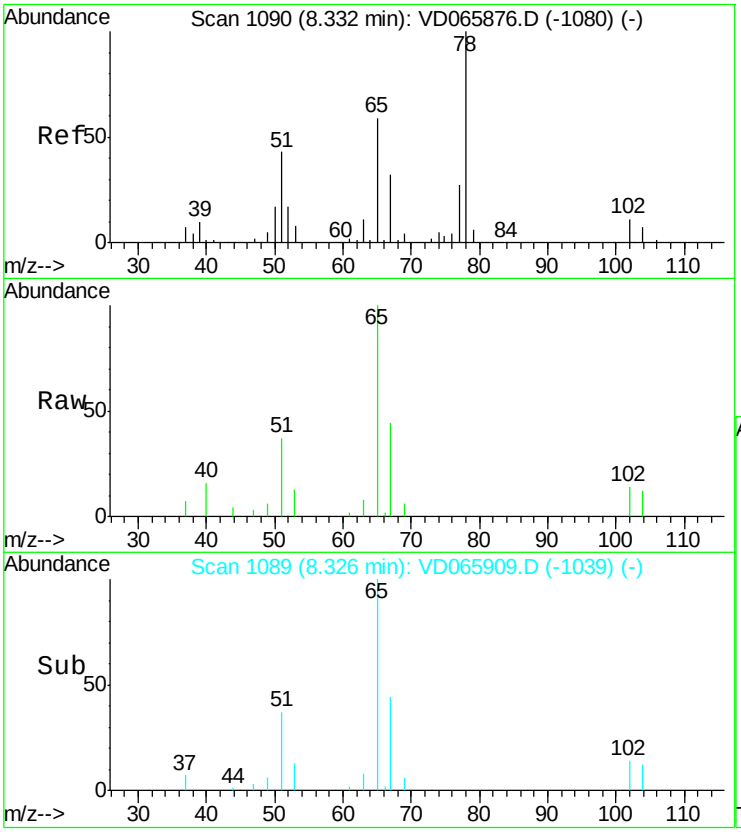


#20
Methylene Chloride
Concen: 10.384 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Tgt Ion: 84 Resp: 2927

Ion	Ratio	Lower	Upper
84	100		
49	92.8	103.0	154.6#
51	30.1	32.7	49.1#
86	66.2	44.9	67.3



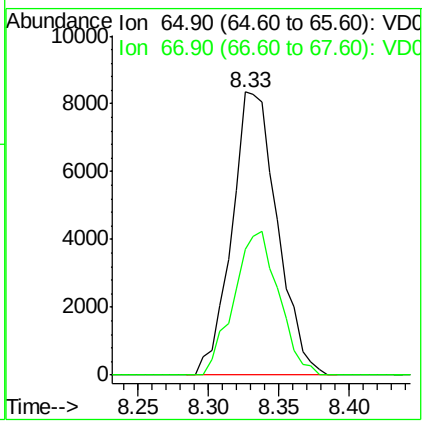


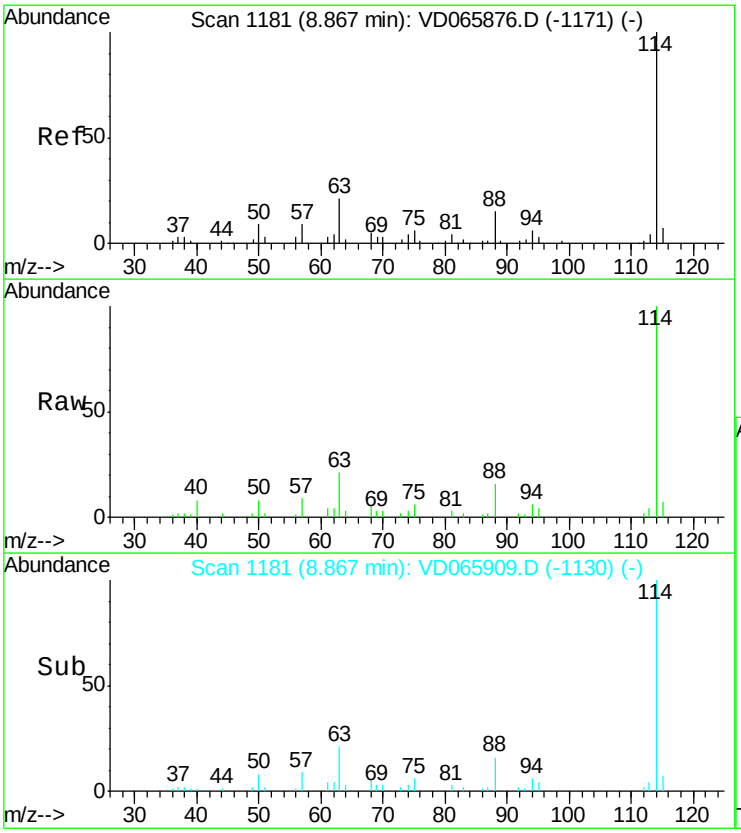
#33
1,2-Dichloroethane-d4
Concen: 96.404 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion: 65 Resp: 18809

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0

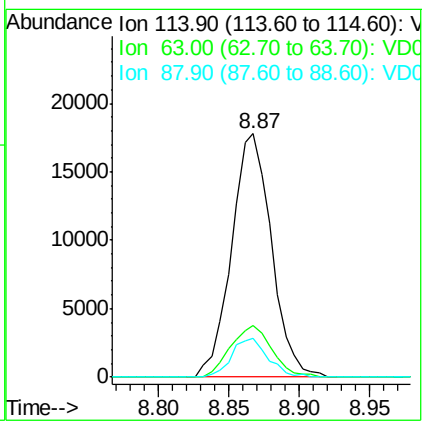


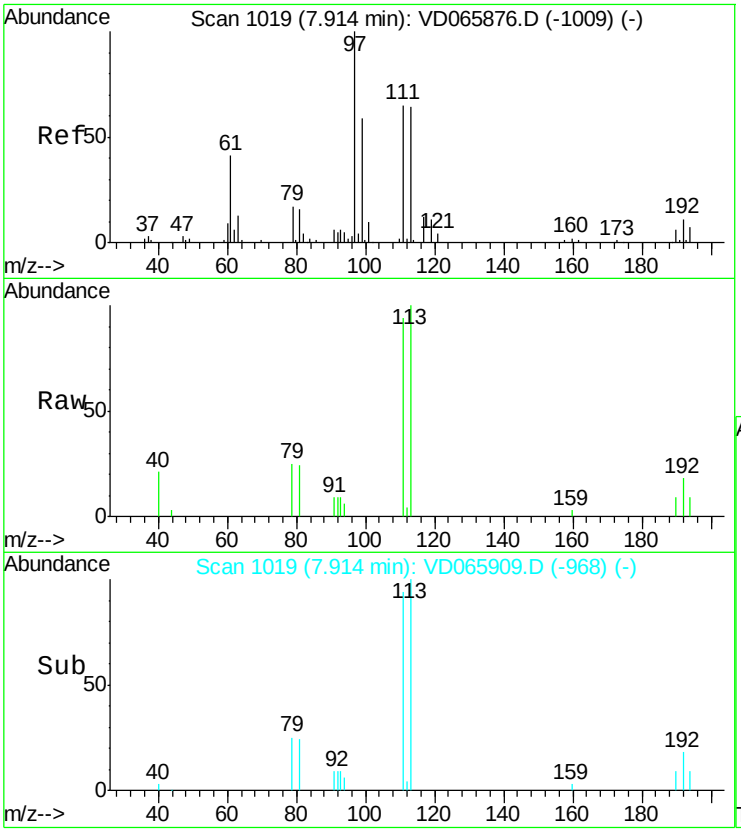


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Tgt Ion:114 Resp: 35032

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.6
88	16.0	0.0	29.0



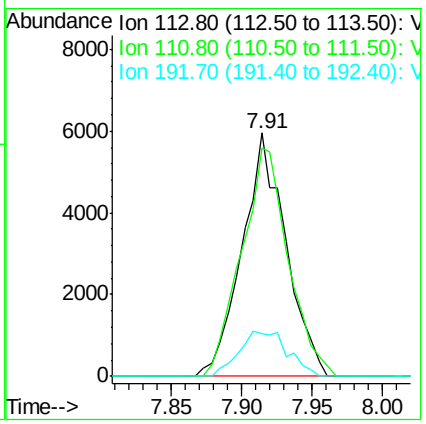


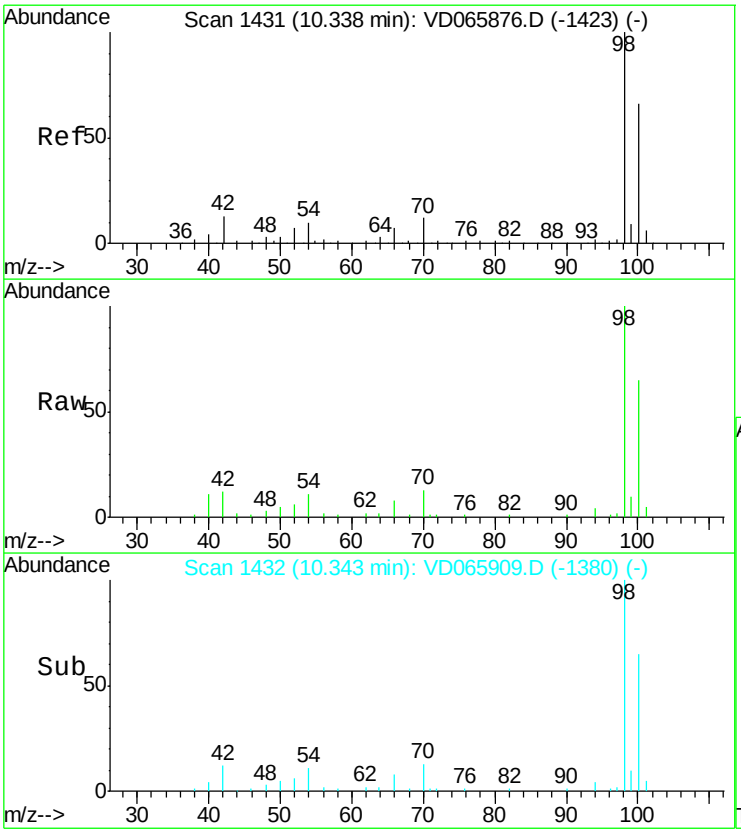
#35
Dibromofluoromethane
Concen: 59.427 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion:113 Resp: 12868

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.6
192	20.6	15.2	22.8

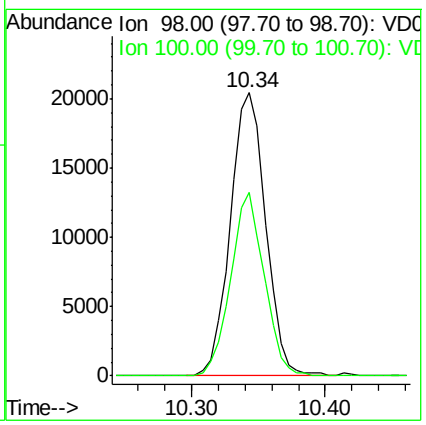


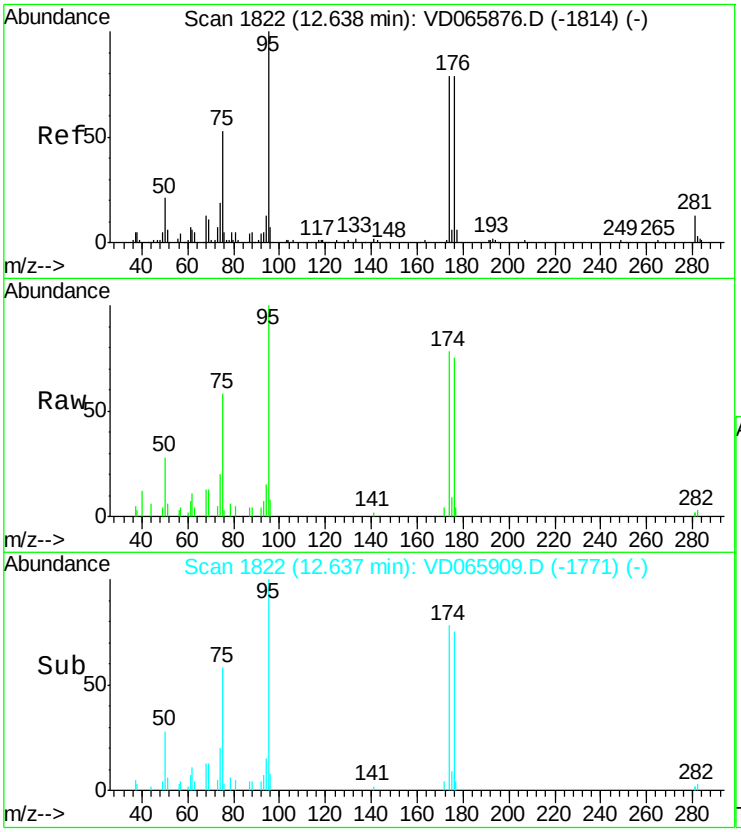


#50
Toluene-d8
Concen: 46.066 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Tgt Ion: 98 Resp: 37522

Ion	Ratio	Lower	Upper
98	100		
100	61.7	52.3	78.5



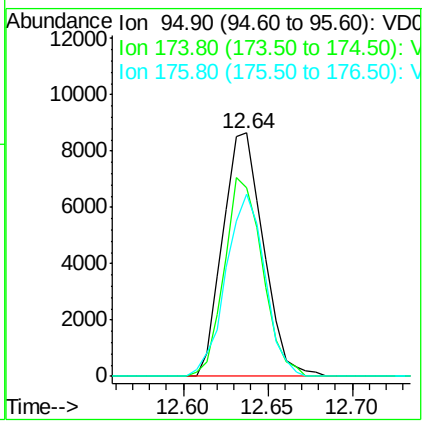


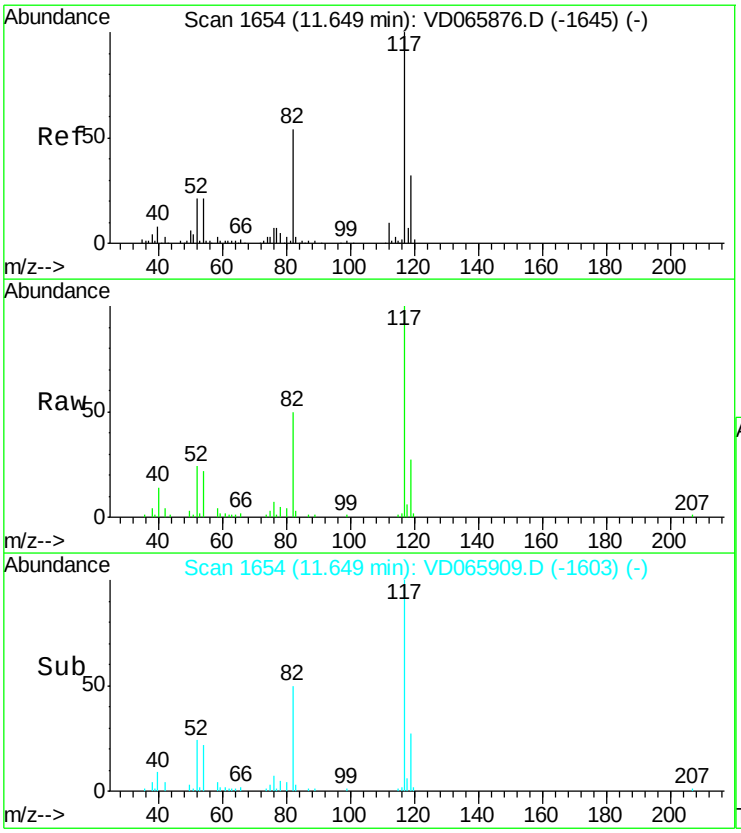
#62
4-Bromofluorobenzene
Concen: 54.392 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion: 95 Resp: 14514

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	158.4
176	71.6	0.0	156.0

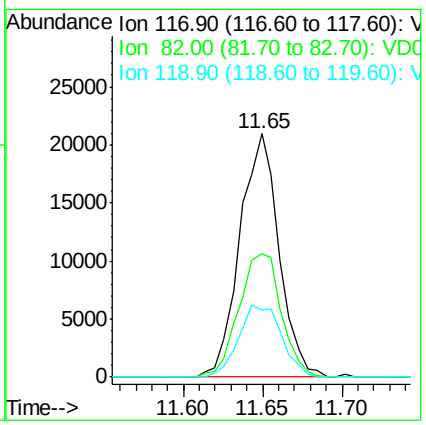


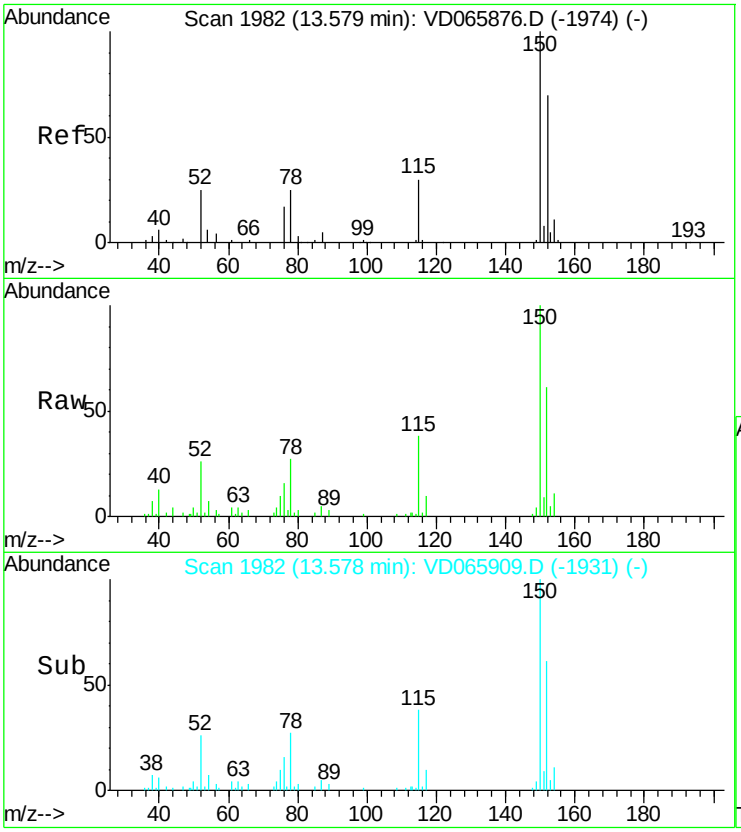


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Tgt Ion:117 Resp: 35878

Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.6	65.4
119	27.5	25.9	38.9



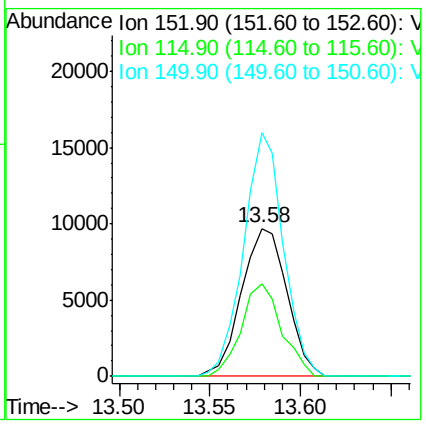


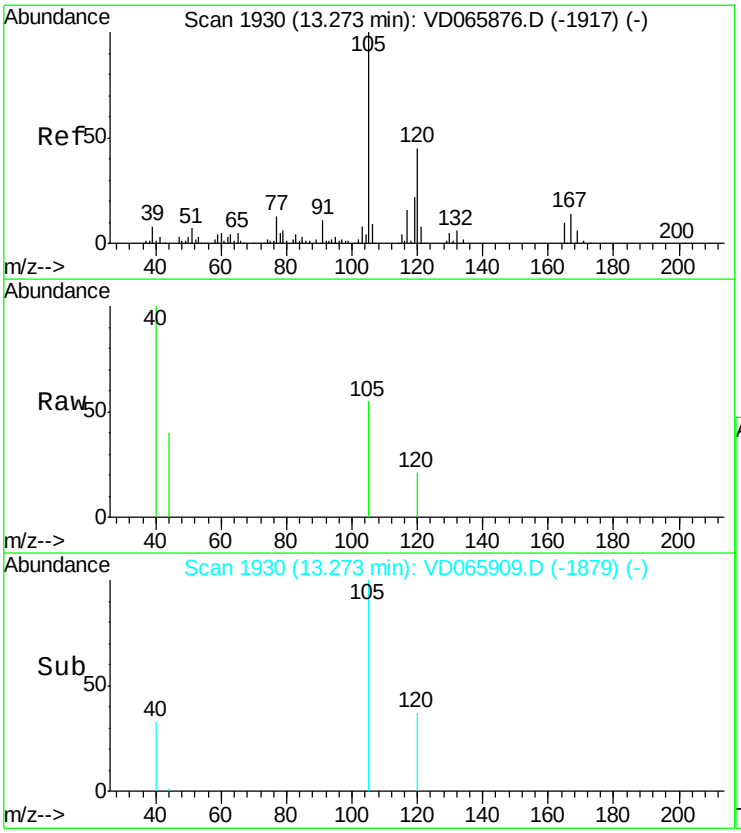
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion:152 Resp: 16866

Ion	Ratio	Lower	Upper
152	100		
115	55.6	29.7	89.1
150	144.6	0.0	346.2

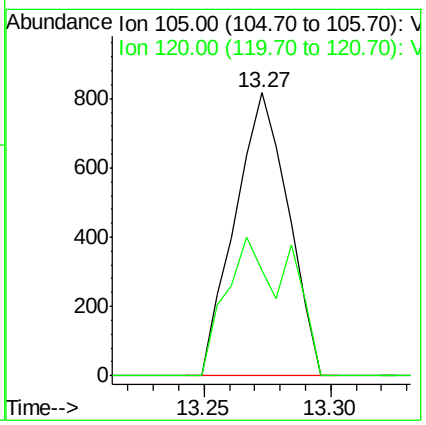


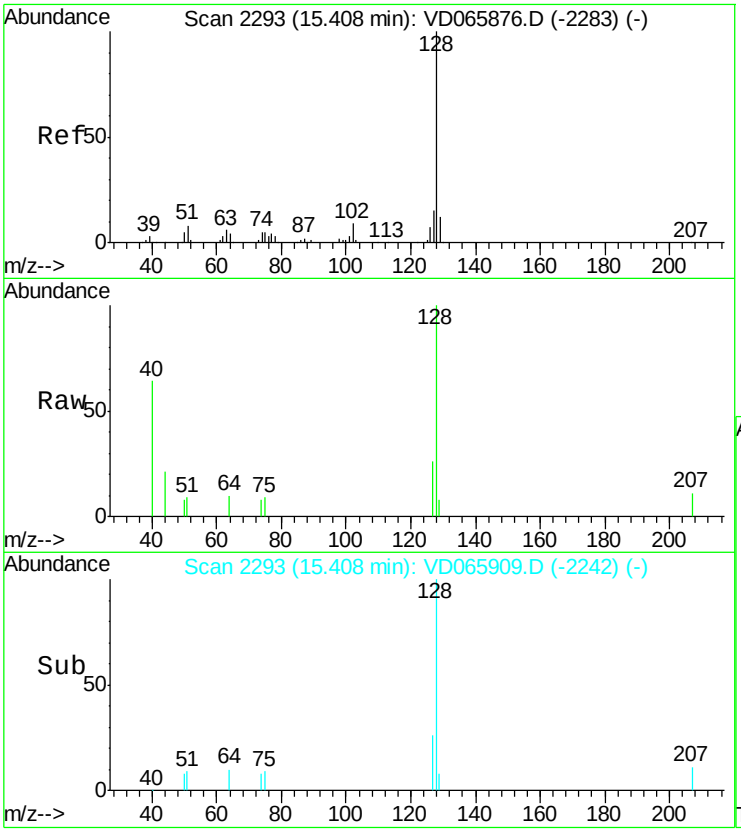


#84
1,2,4-Trimethylbenzene
Concen: 1.204 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Tgt Ion:105 Resp: 1198

Ion	Ratio	Lower	Upper
105	100		
120	58.4	23.0	69.0





#95
Naphthalene
Concen: 7.699 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065909.D
Acq: 01 Jul 2020 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP4-SS

Tgt Ion:128 Resp: 4051

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.8	16.2
129	6.6	8.8	13.2#