Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
Data File : VW008885.D
Acq On : 28 Feb 2019 14:14
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Time: Mar 01 07:37:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	458356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	448469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	182588	61.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.12%			
35) Dibromofluoromethane	7.88	113	147393	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.12%			
50) Toluene-d8	10.32	98	615427	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.86%			
62) 4-Bromofluorobenzene	12.62	95	245049	58.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.82%			
Target Compounds						Qvalue
78) n-propylbenzene	12.80	91	26558	1.296	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	42354	2.809	ug/l	98
95) Naphthalene	15.37	128	27106	3.018	ug/l #	93

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

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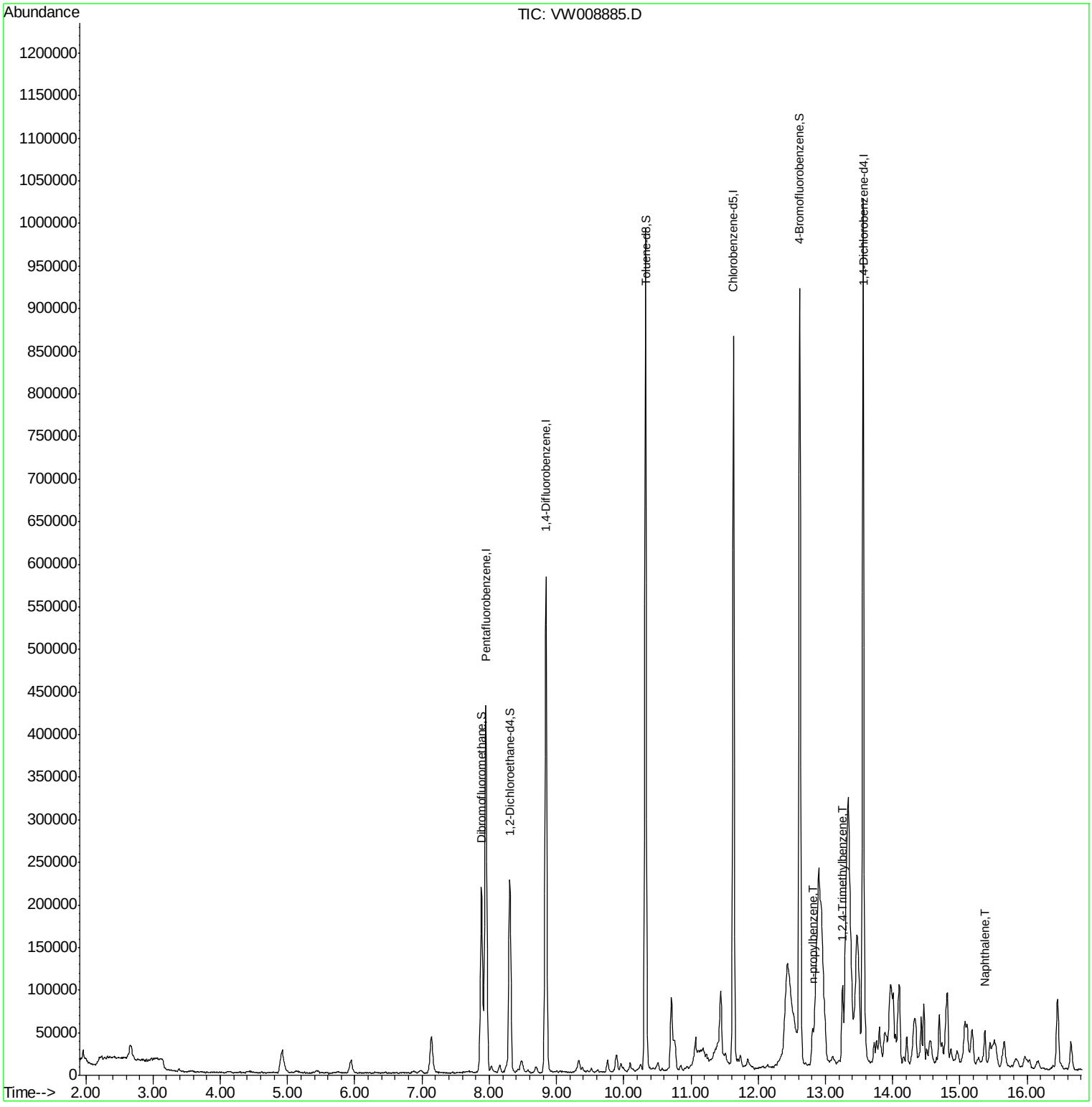
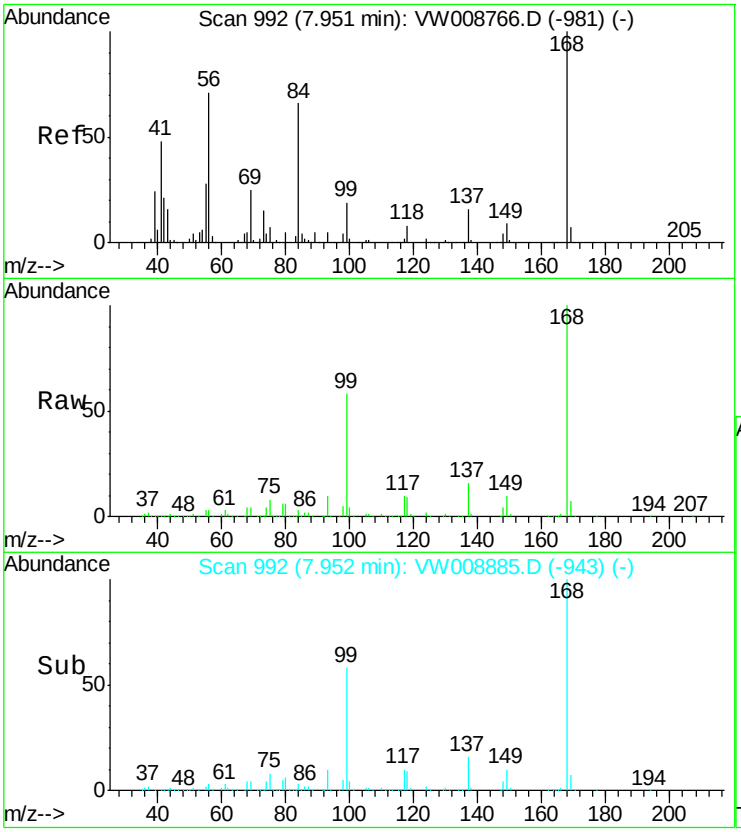


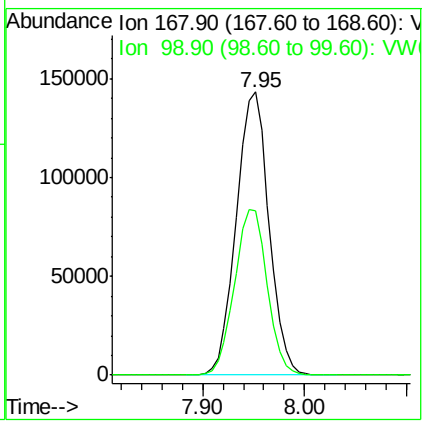


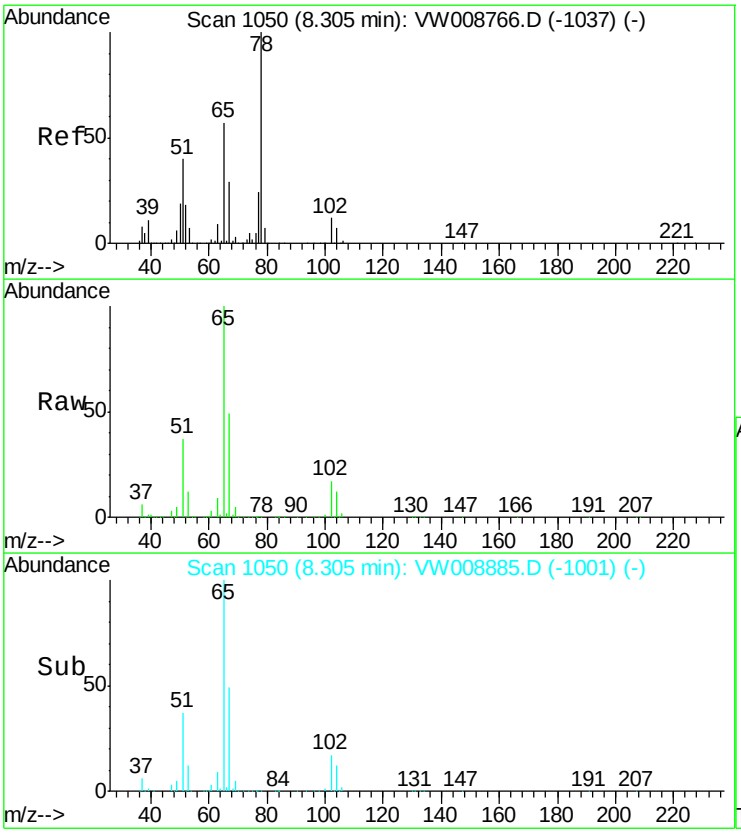
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 318809

Ion	Ratio	Lower	Upper
168	100		
99	57.8	42.2	63.2

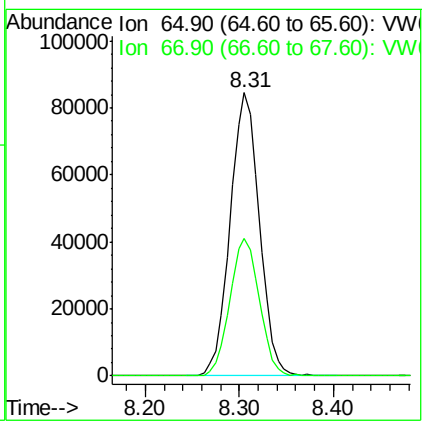


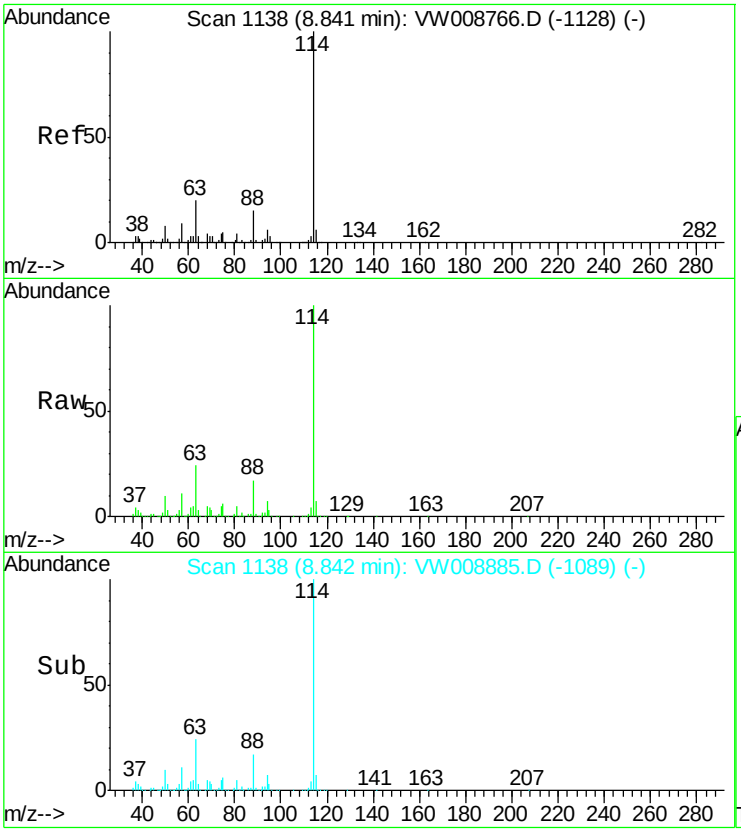


#33
1,2-Dichloroethane-d4
Concen: 61.063 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Tgt Ion: 65 Resp: 182588

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	101.4



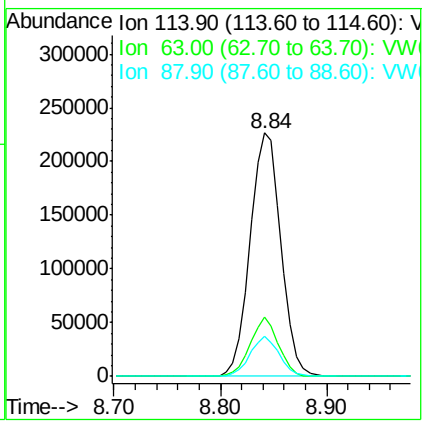


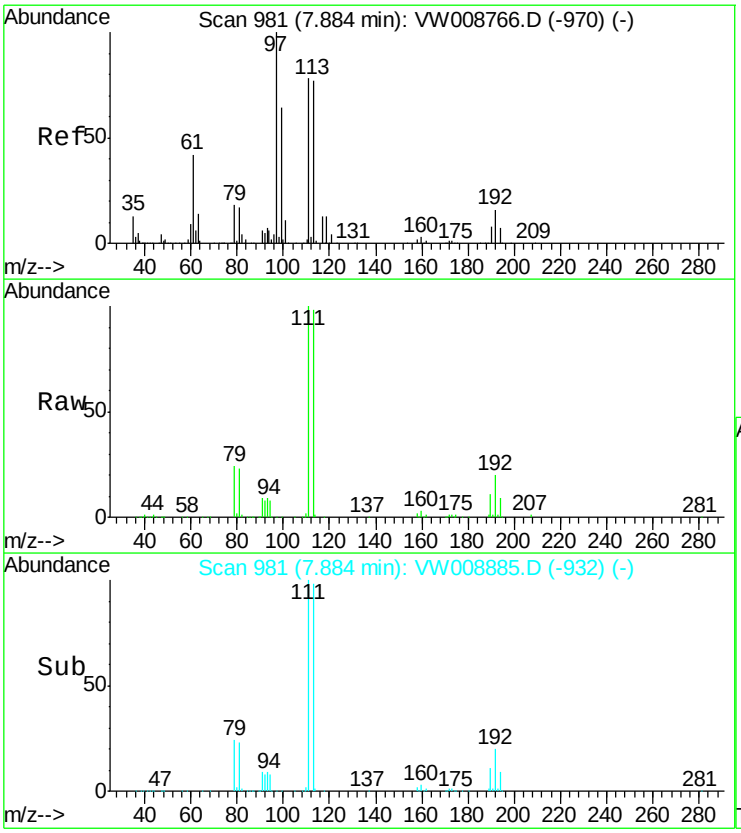
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 458356

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	40.8
88	16.6	0.0	30.4

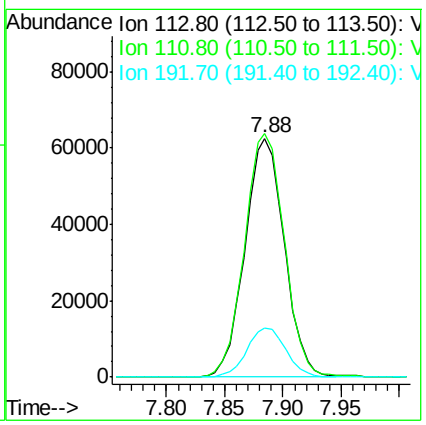


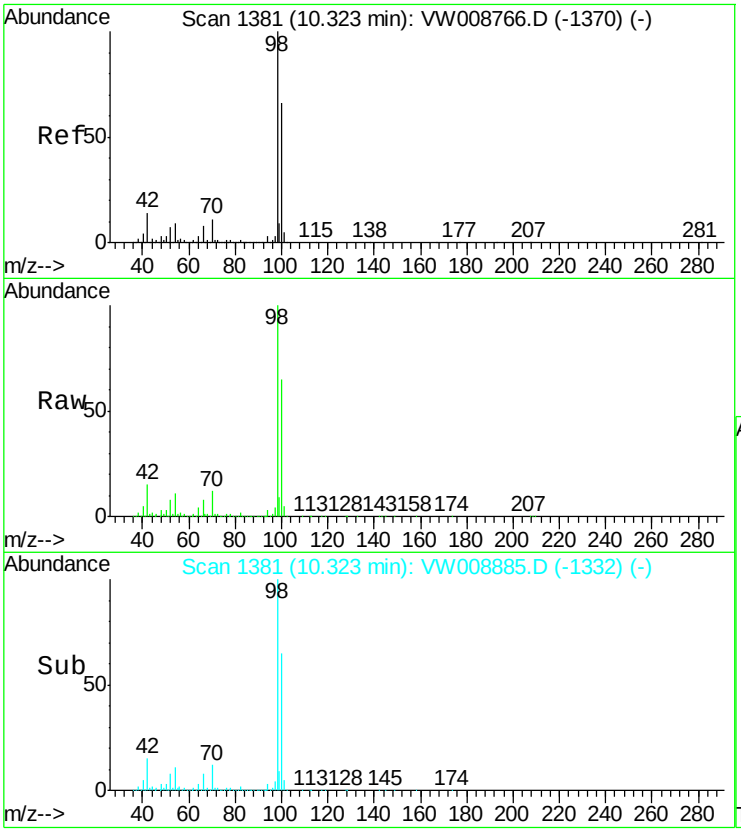


#35
Dibromofluoromethane
Concen: 53.558 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Tgt Ion:113 Resp: 147393

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.5	17.1	25.7



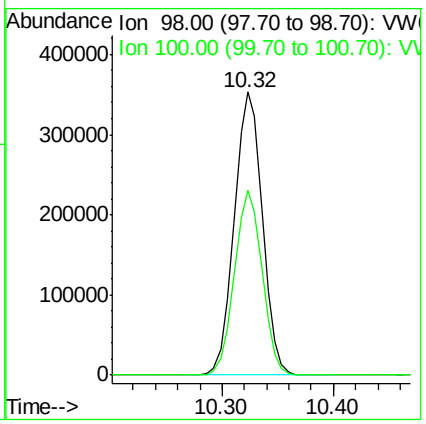


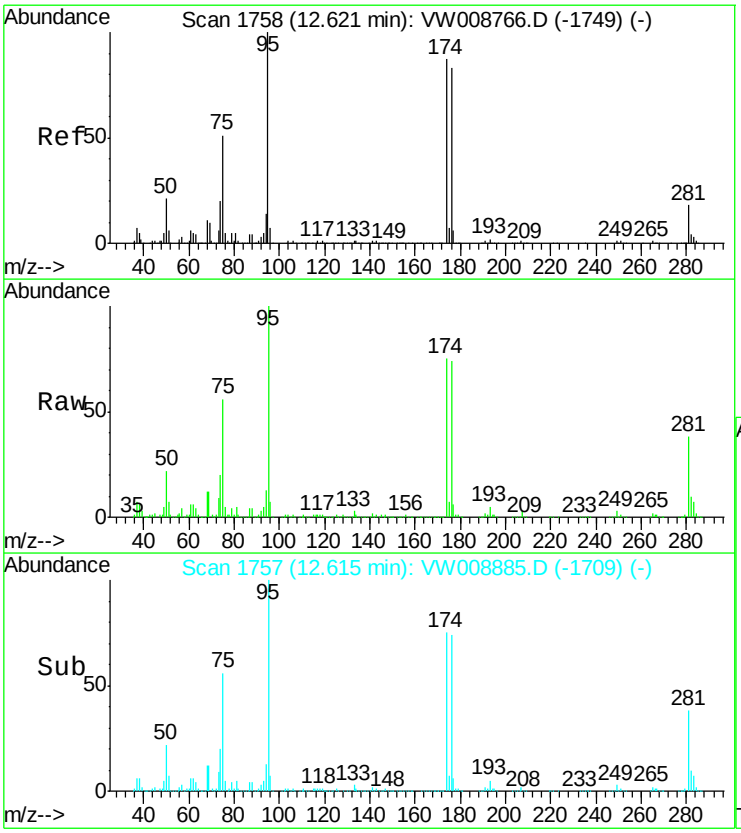
#50
Toluene-d8
Concen: 57.930 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 615427

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6

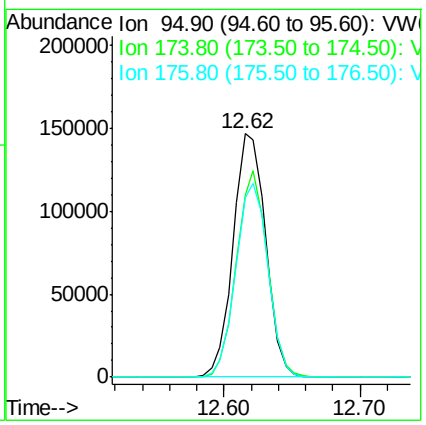


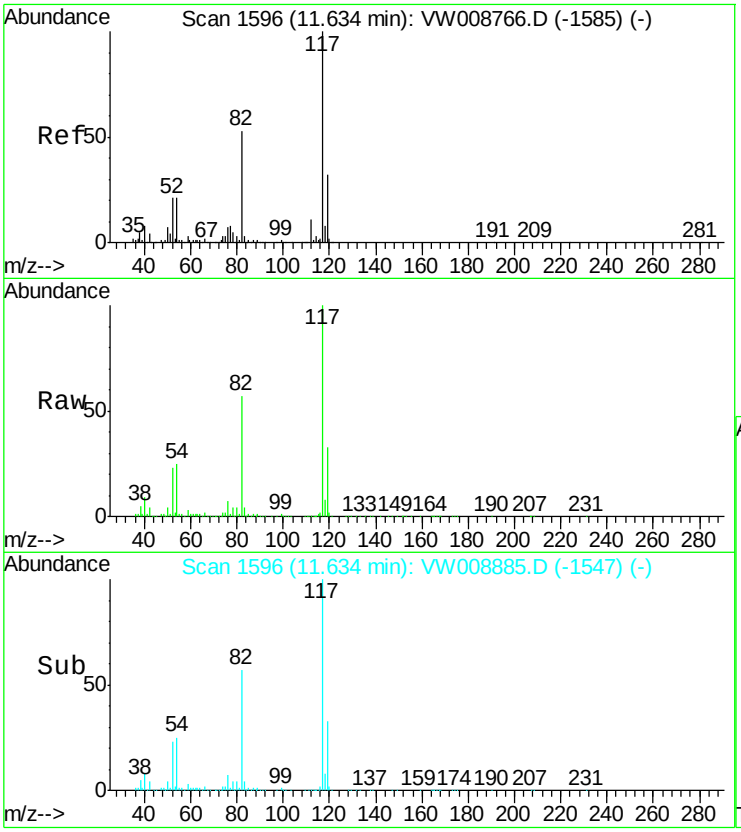


#62
4-Bromofluorobenzene
Concen: 58.912 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Tgt Ion: 95 Resp: 245049

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	169.2
176	78.9	0.0	163.6



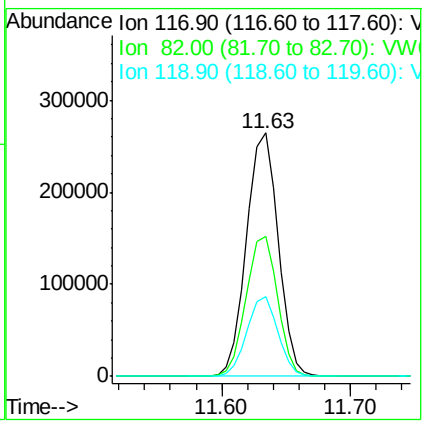


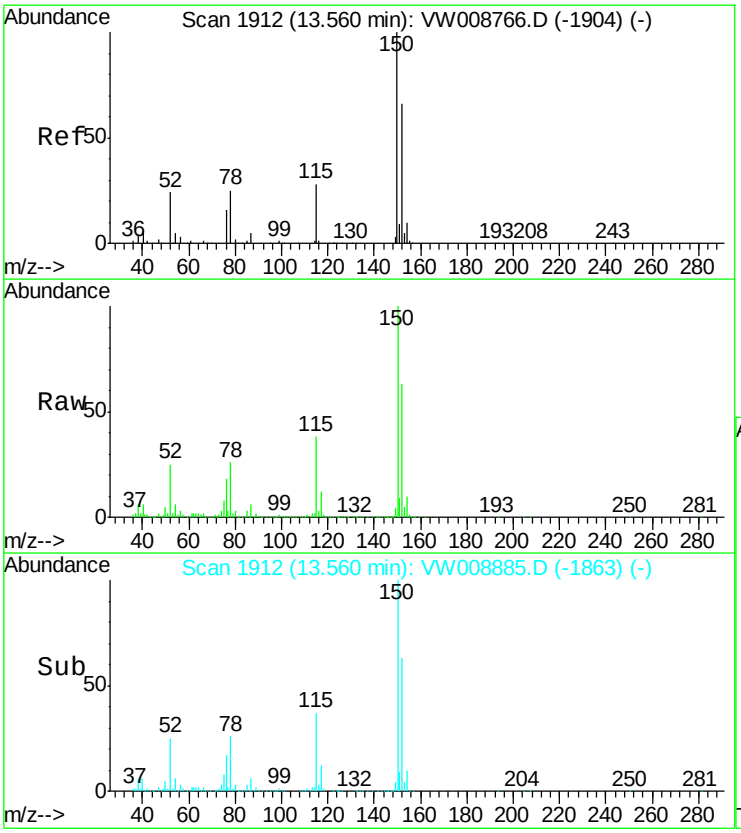
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument : MSVOA_W
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 448469

Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.2	63.4
119	32.6	25.9	38.9

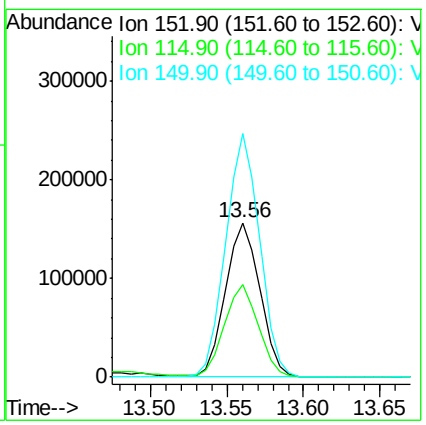


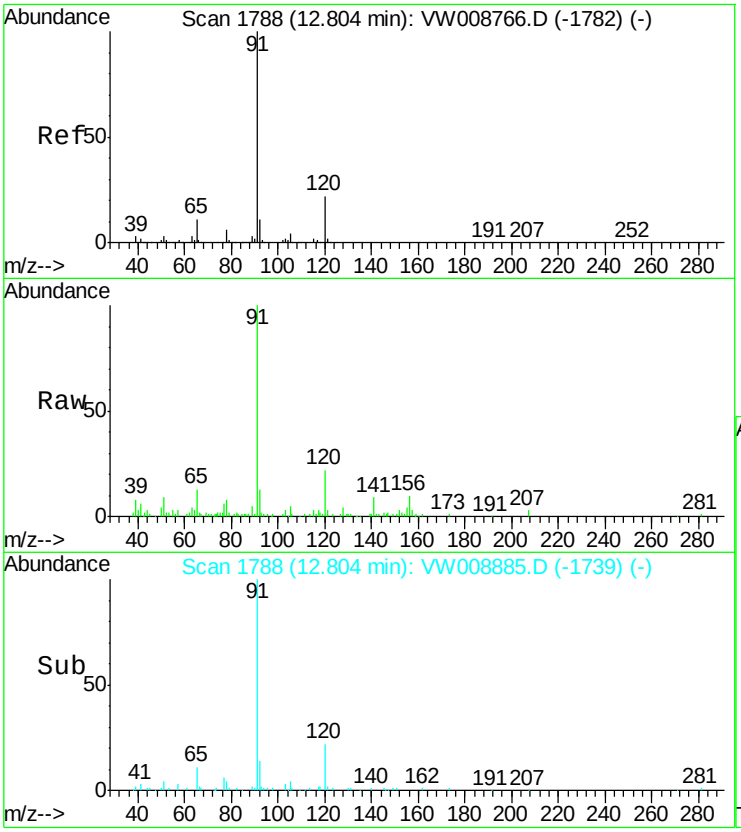


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Tgt Ion:152 Resp: 244459

Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.6	85.8
150	155.0	0.0	348.0



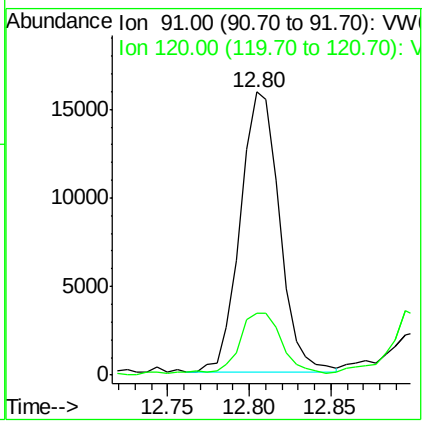


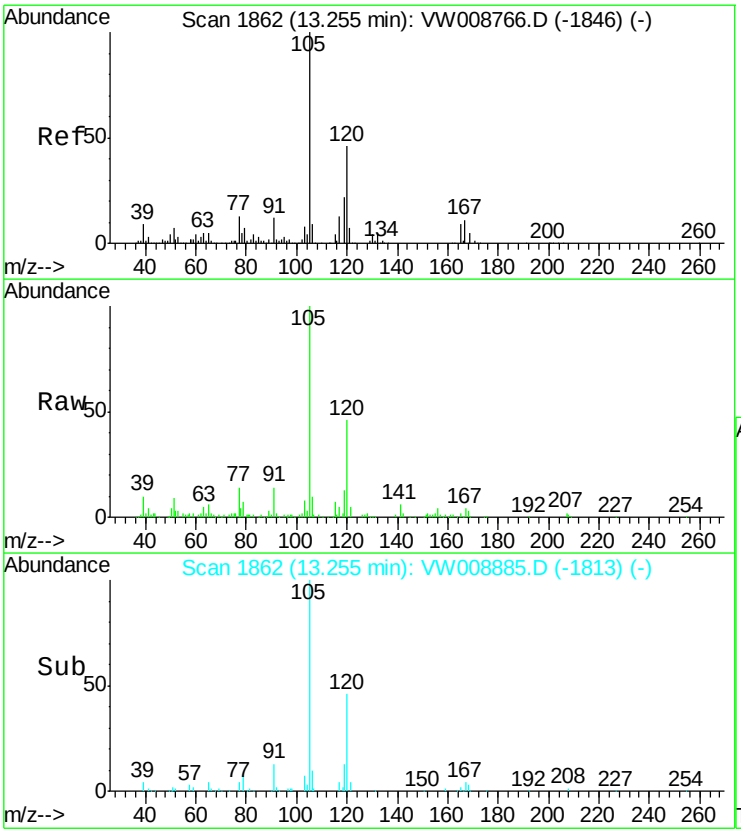
#78
n-propylbenzene
Concen: 1.296 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument : MSVOA_W
ClientSampleId : VIBLK

Tgt Ion: 91 Resp: 26558

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.5	34.4

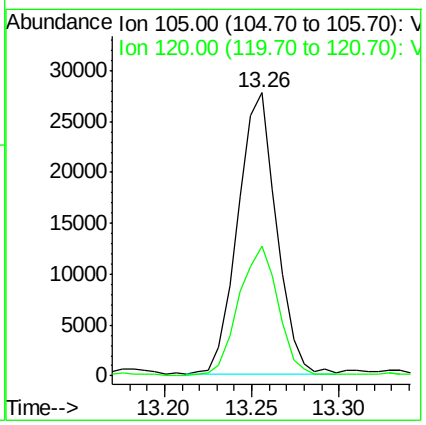


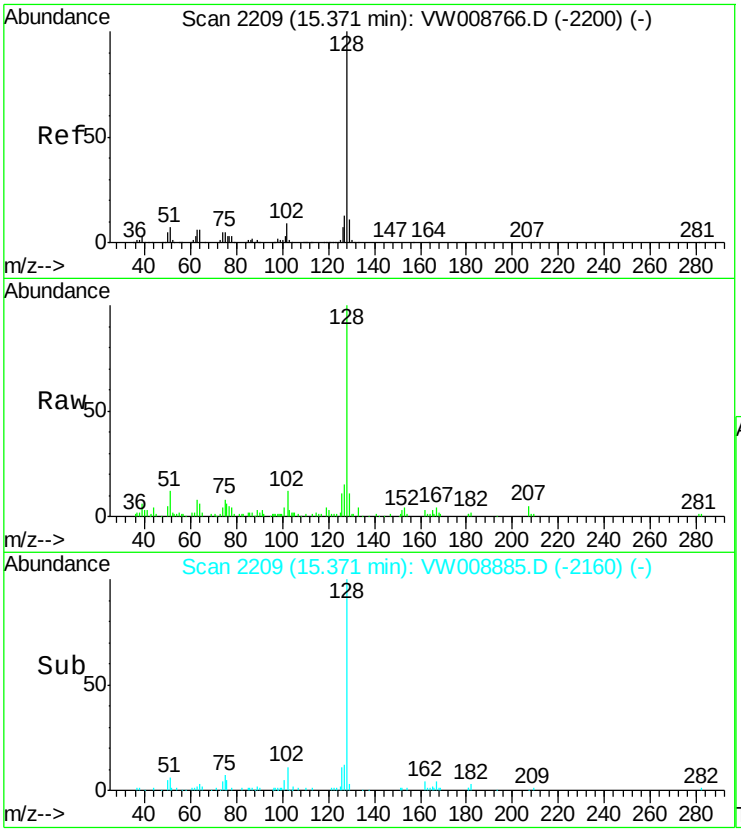


#84
1,2,4-Trimethylbenzene
Concen: 2.809 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Tgt Ion:105 Resp: 42354

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.8	68.4





#95
Naphthalene
Concen: 3.018 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008885.D
Acq: 28 Feb 2019 14:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 27106

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.8	16.2
129	14.2	8.7	13.1#