Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
Data File : VW017622.D
Acq On : 14 Dec 2020 19:57
Operator : SY/VA
Sample : L5059-01
Misc : 4.12G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

Manual Integrations APPROVED
MMDadoda
12/15/2020 4:50:34 PM

Quant Time: Dec 15 03:30:08 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.909	168	52007	50.00	ug/l	#-0.04
34) 1,4-Difluorobenzene	8.823	114	101099	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.634	117	35931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.566	152	3827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	110156	173.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 347.76%			
35) Dibromofluoromethane	7.866	113	98645	147.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 294.90%			
50) Toluene-d8	10.317	98	96401	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.02%			
62) 4-Bromofluorobenzene	12.627	95	9149	9.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 19.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.983	85	9759	23.92	ug/l	95
3) Chloromethane	2.203	50	235135	511.85	ug/l	96
24) 1,1-Dichloroethane	6.129	63	28012m	25.00	ug/l	

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

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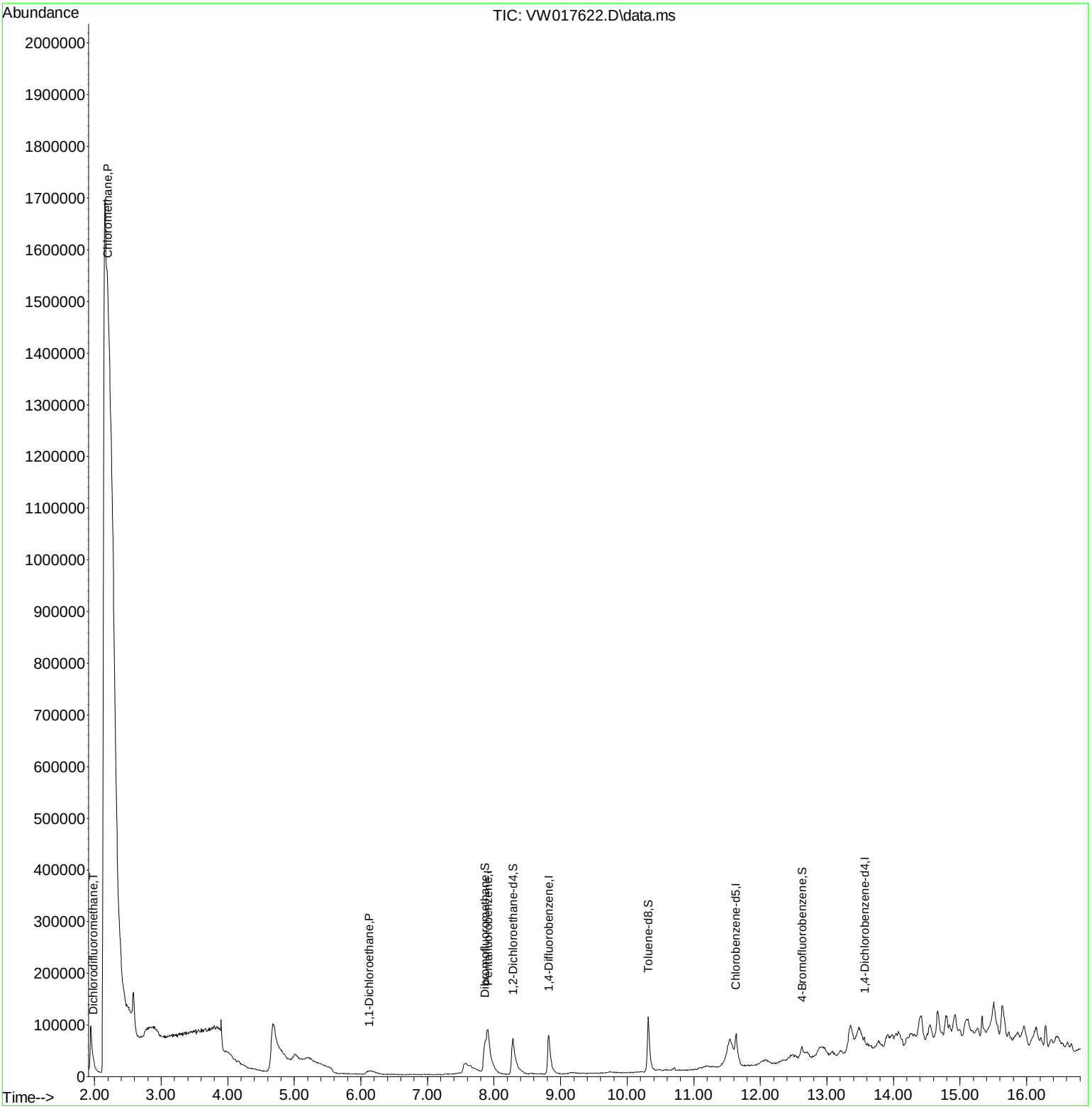

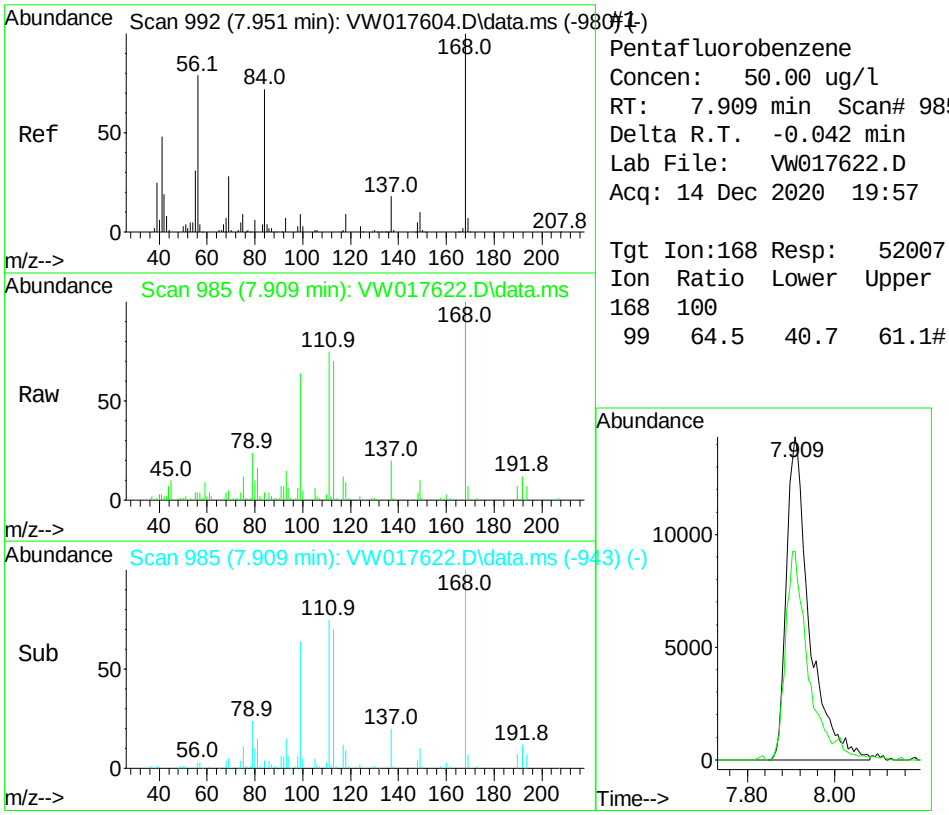

#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.909 min Scan# 985
Delta R.T. -0.042 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion:168 Resp: 52007

Ion	Ratio	Lower	Upper
168	100		
99	64.5	40.7	61.1#

Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

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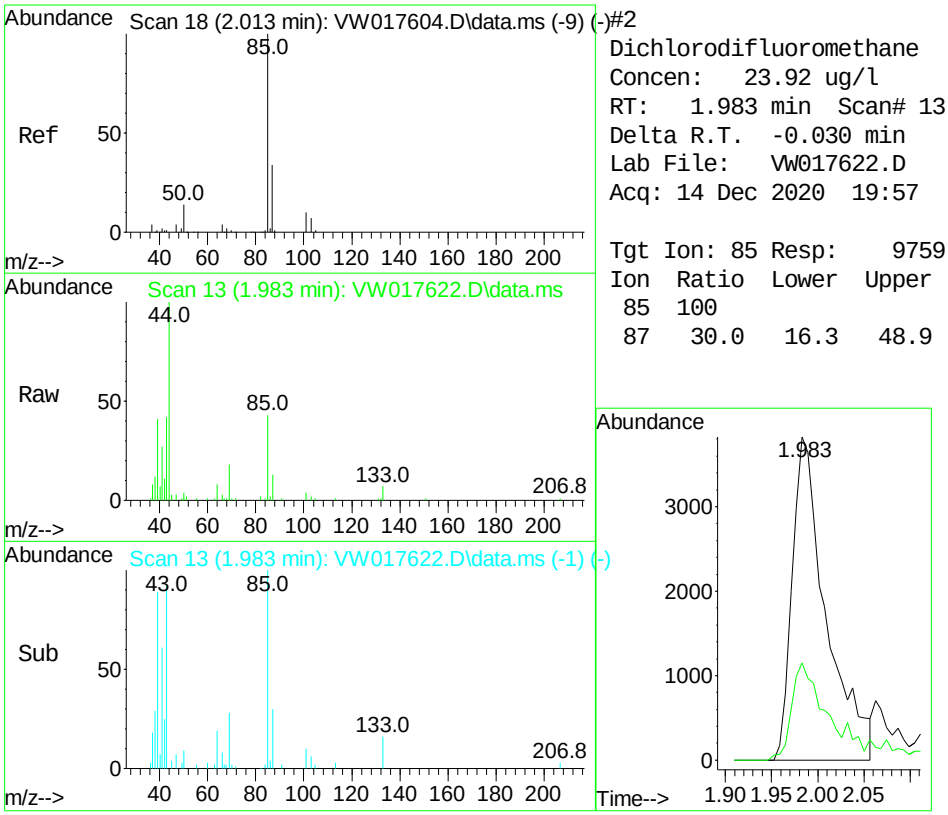
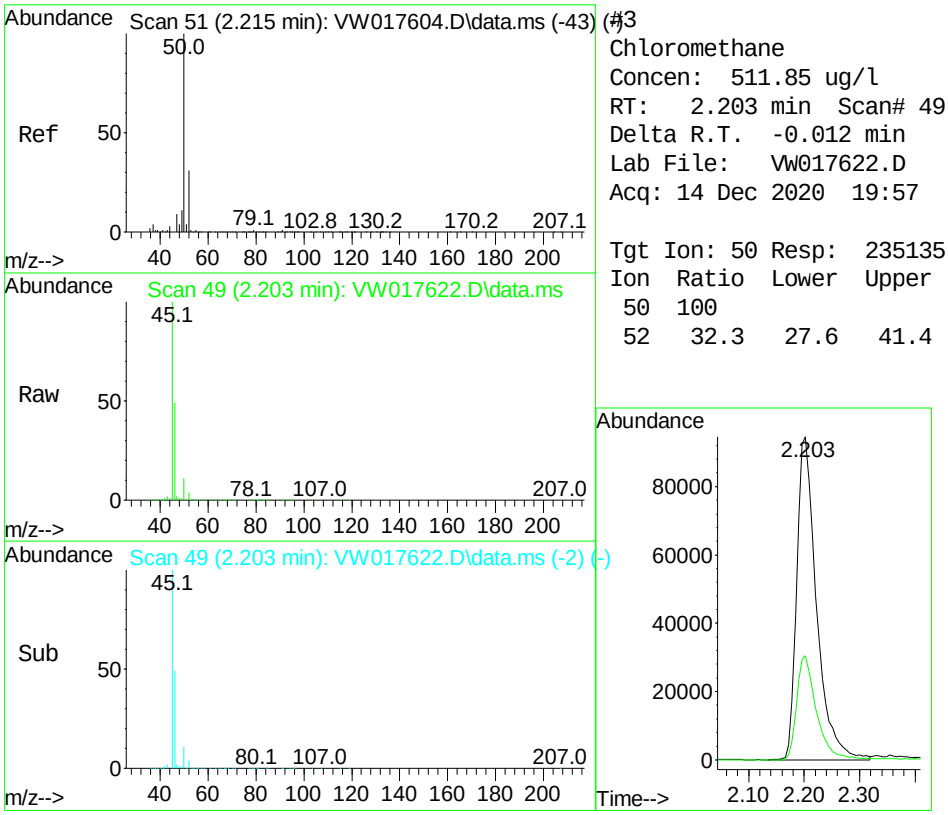


#2
Dichlorodifluoromethane
Concen: 23.92 ug/l
RT: 1.983 min Scan# 13
Delta R.T. -0.030 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 85 Resp: 9759

Ion	Ratio	Lower	Upper
85	100		
87	30.0	16.3	48.9



#3
Chloromethane
Concen: 511.85 ug/l
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 50 Resp: 235135

Ion	Ratio	Lower	Upper
50	100		
52	32.3	27.6	41.4

Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

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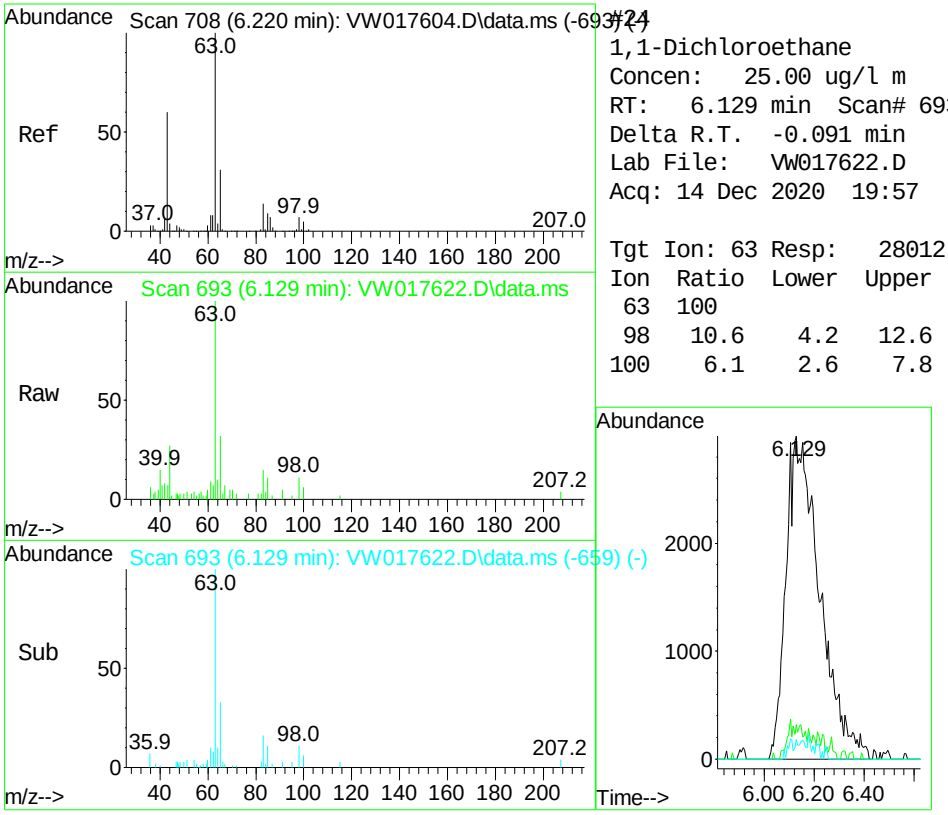
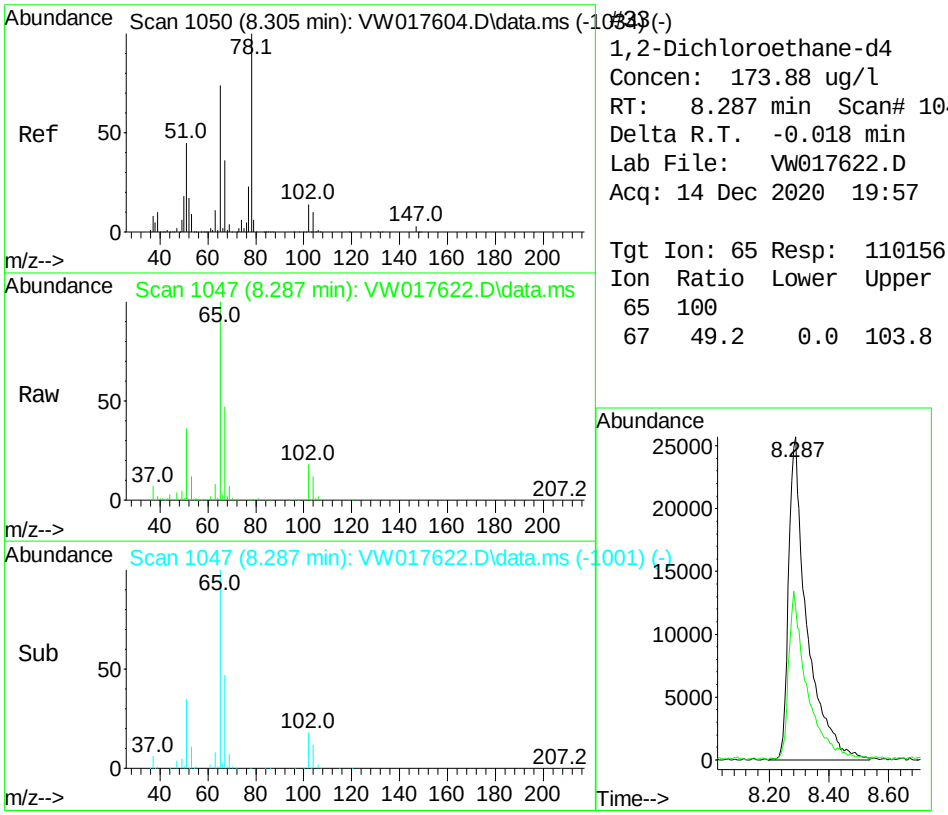


#24
1,1-Dichloroethane
Concen: 25.00 ug/l m
RT: 6.129 min Scan# 693
Delta R.T. -0.091 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 63 Resp: 28012

Ion	Ratio	Lower	Upper
63	100		
98	10.6	4.2	12.6
100	6.1	2.6	7.8



#33
1,2-Dichloroethane-d4
Concen: 173.88 ug/l
RT: 8.287 min Scan# 1047
Delta R.T. -0.018 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 65 Resp: 110156

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	103.8

Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

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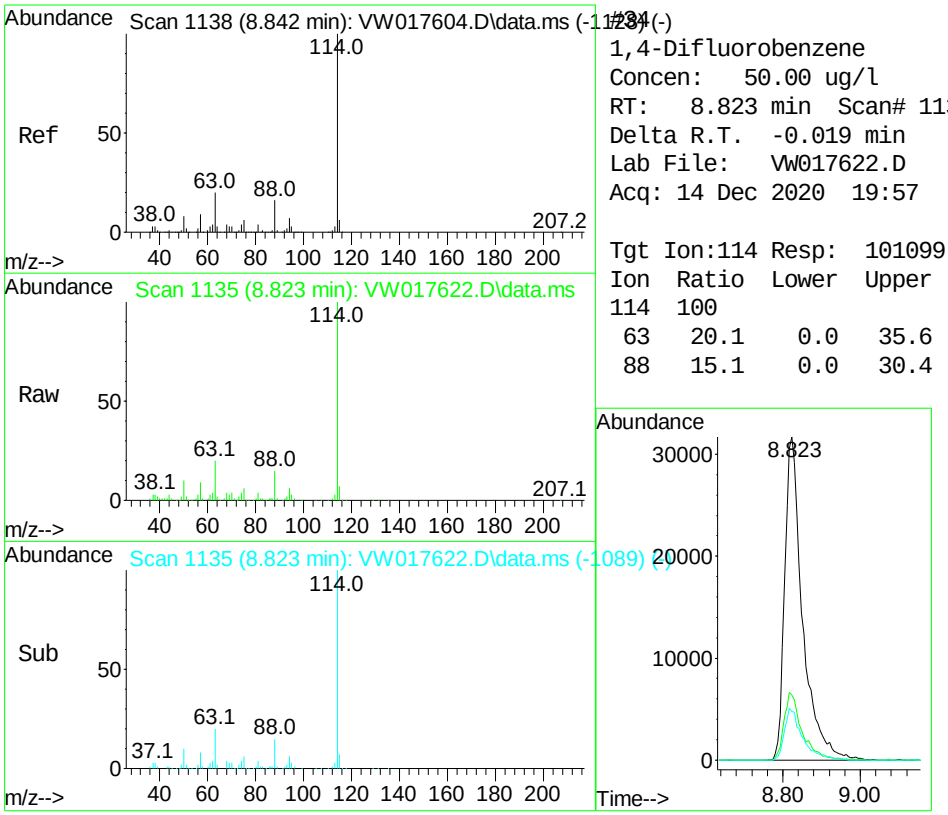
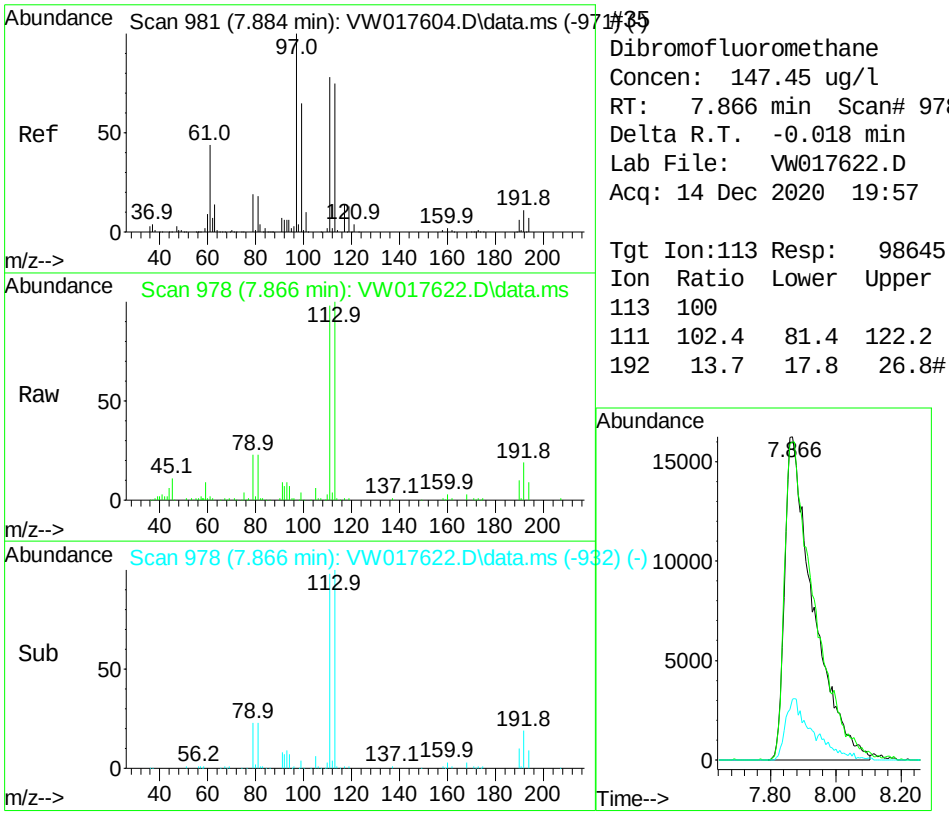


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.823 min Scan# 1135
Delta R.T. -0.019 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion:114 Resp: 101099

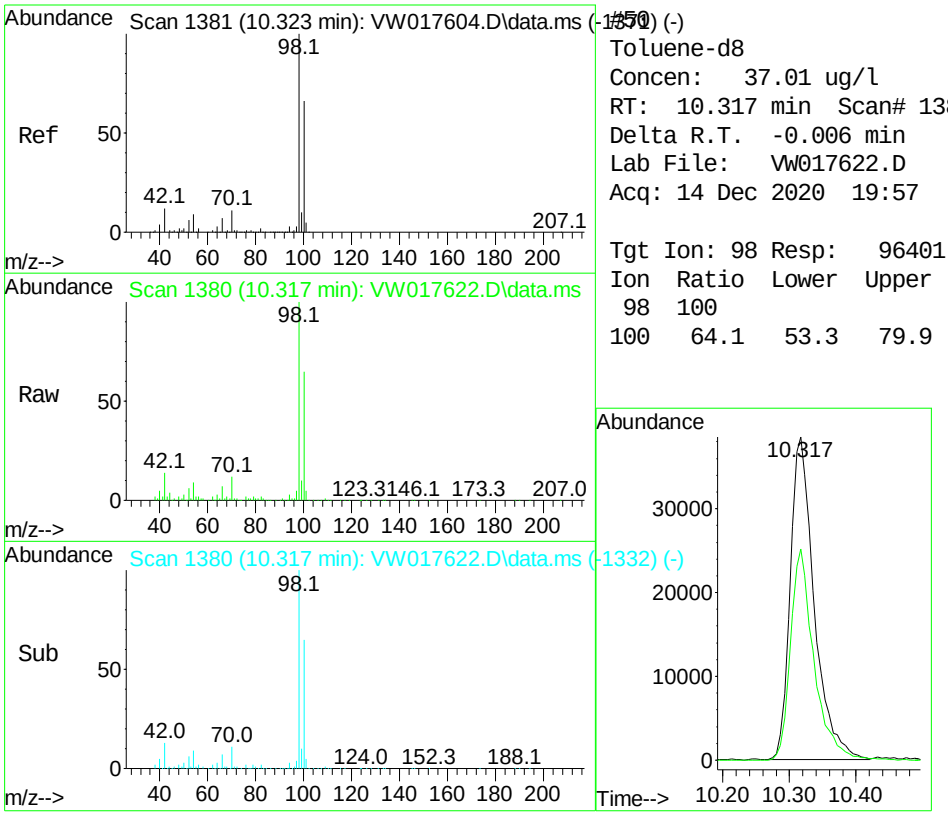
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	35.6
88	15.1	0.0	30.4



#35
Dibromofluoromethane
Concen: 147.45 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.018 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion:113 Resp: 98645

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	13.7	17.8	26.8#



#50
Toluene-d8
Concen: 37.01 ug/l
RT: 10.317 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 98 Resp: 96401

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.3	79.9

Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

Manual Integrations APPROVED
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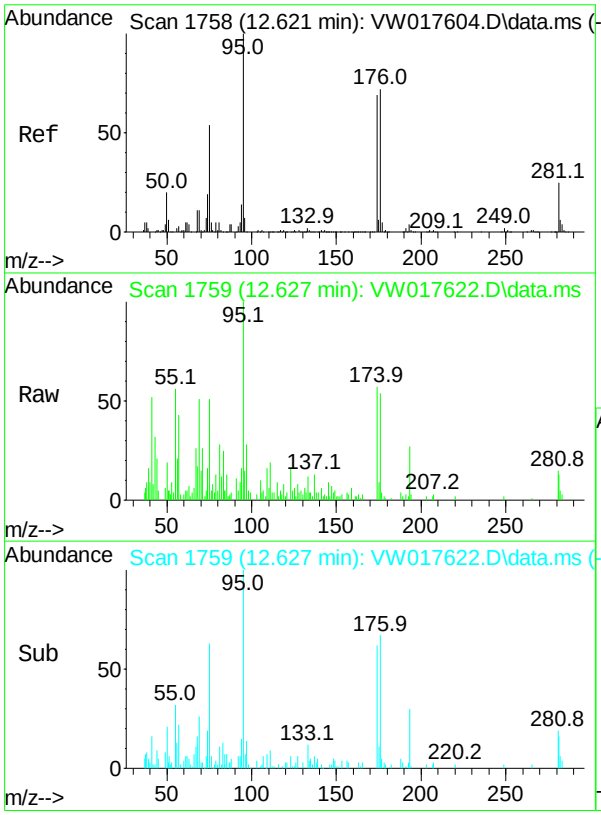
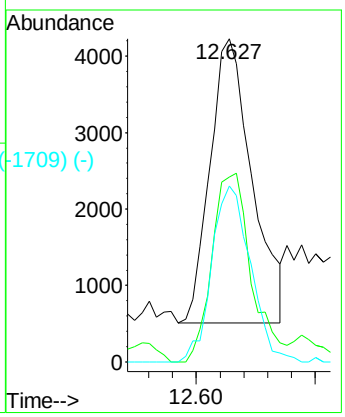
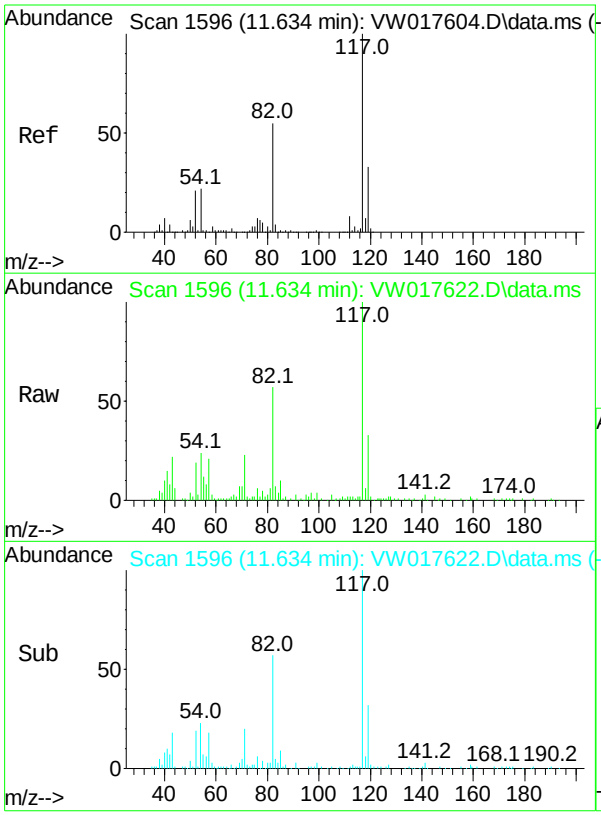


#82
4-Bromofluorobenzene
Concen: 9.84 ug/l
RT: 12.627 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion: 95 Resp: 9149

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	180.6
176	57.0	0.0	177.6

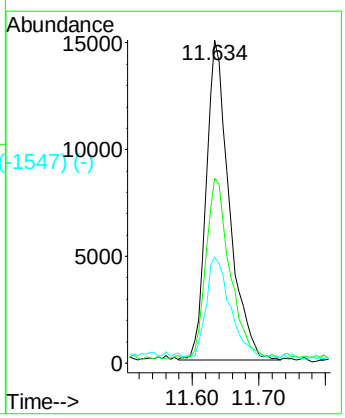


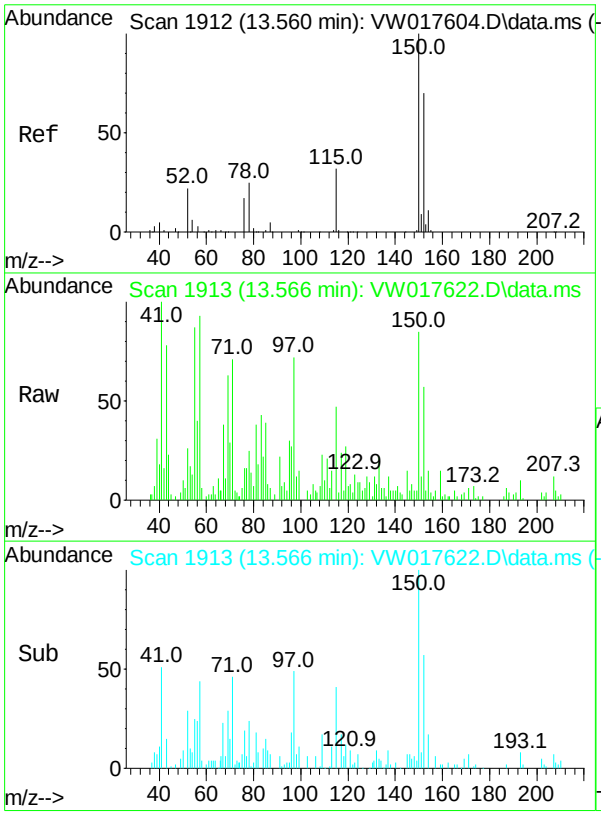


#83
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion:117 Resp: 35931

Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.7	61.1
119	31.6	25.0	37.4

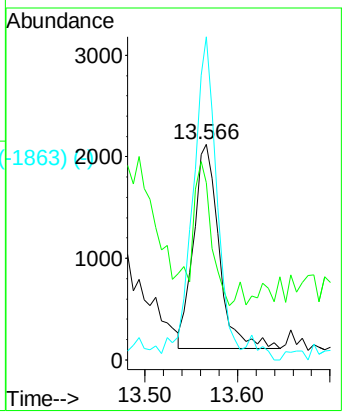




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.566 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VW017622.D
Acq: 14 Dec 2020 19:57

Tgt Ion:152 Resp: 3827

Ion	Ratio	Lower	Upper
152	100		
115	52.1	27.9	83.7
150	147.0	0.0	344.0



Instrument :
MSVOA_W
ClientSampleId :
CALDRUM1-20201209

Manual Integrations APPROVED
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12/15/2020 4:50:34 PM