Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Data File : VD064230.D
Acq On : 15 Nov 2019 16:33
Operator : VA/SY
Sample : K5858-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DRUM-B

Manual Integrations APPROVED
MMDADODA
11/19/2019 12:23:26 PM

Quant Time: Nov 16 05:58:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	108304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	26673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	133013	100.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 201.80%			
35) Dibromofluoromethane	7.92	113	118047	81.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 163.42%			
50) Toluene-d8	10.34	98	189641	34.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.60%			
62) 4-Bromofluorobenzene	12.64	95	32528	17.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 34.46%			
Target Compounds						Qvalue
20) Methylene Chloride	4.97	84	13414	8.503	ug/l #	80
30) Chloroform	7.72	83	7600m	2.896	ug/l	

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

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MSVOA_D
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DRUM-B

Manual Integrations APPROVED
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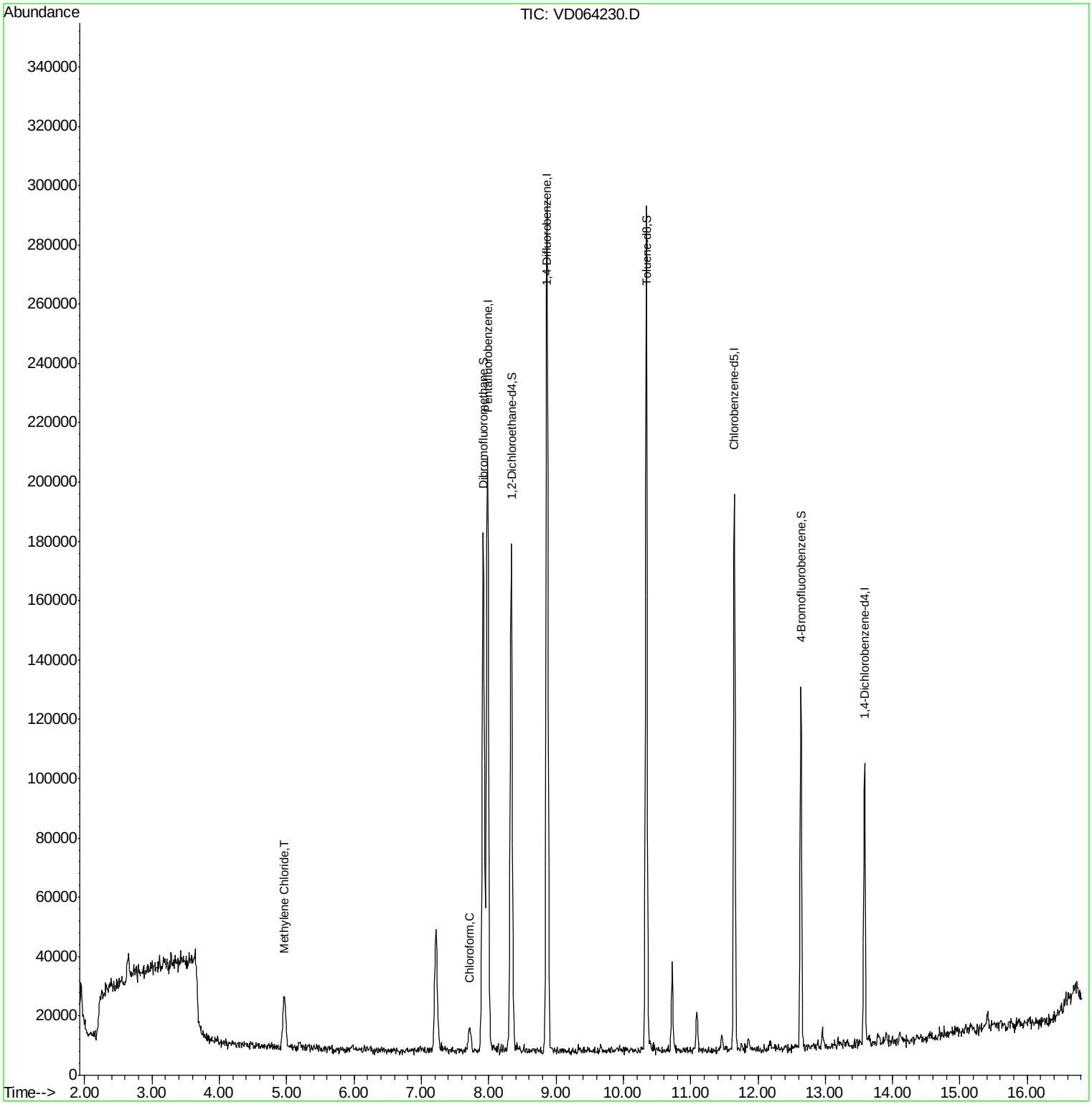
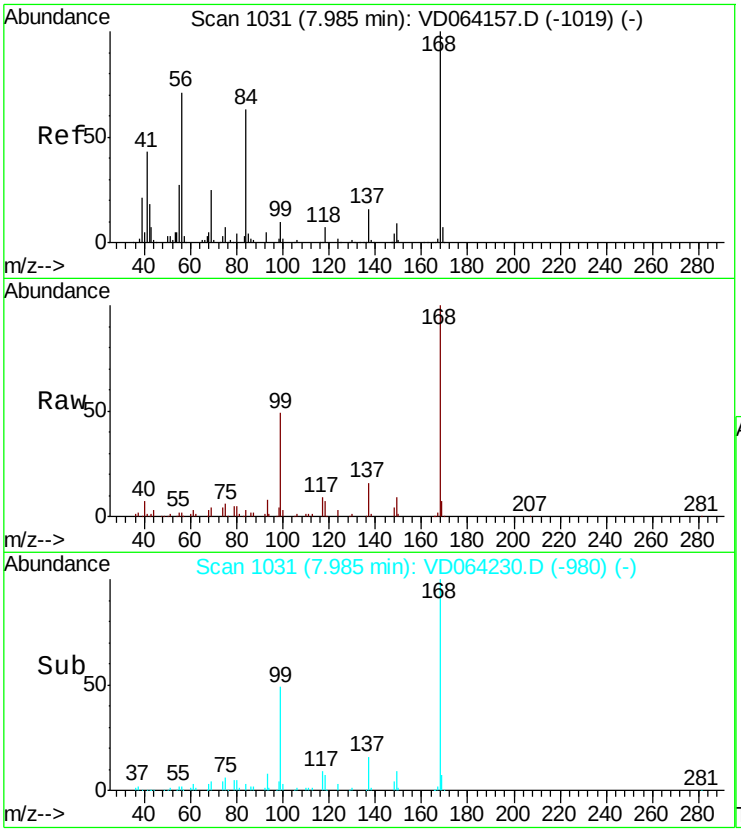
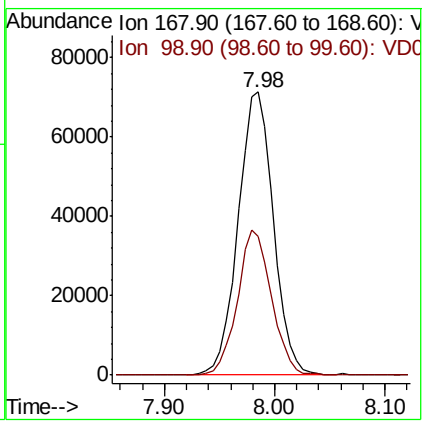




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

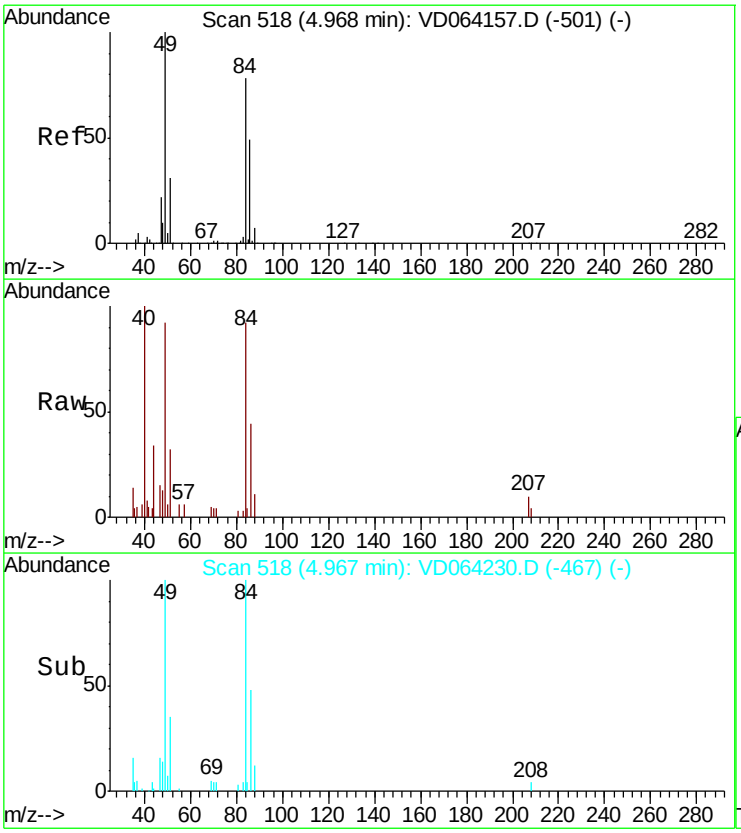
Tgt Ion:168 Resp: 160293

Ion	Ratio	Lower	Upper
168	100		
99	49.1	41.6	62.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-B

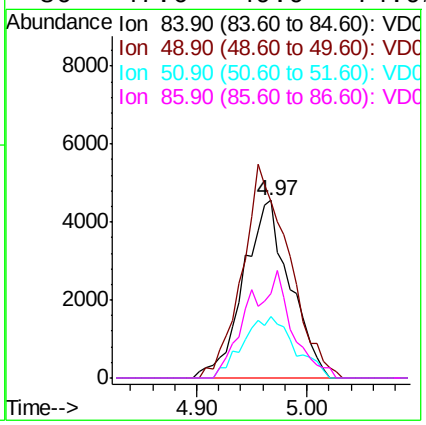
Manual Integrations APPROVED
MMDADODA
11/19/2019 12:23:26 PM

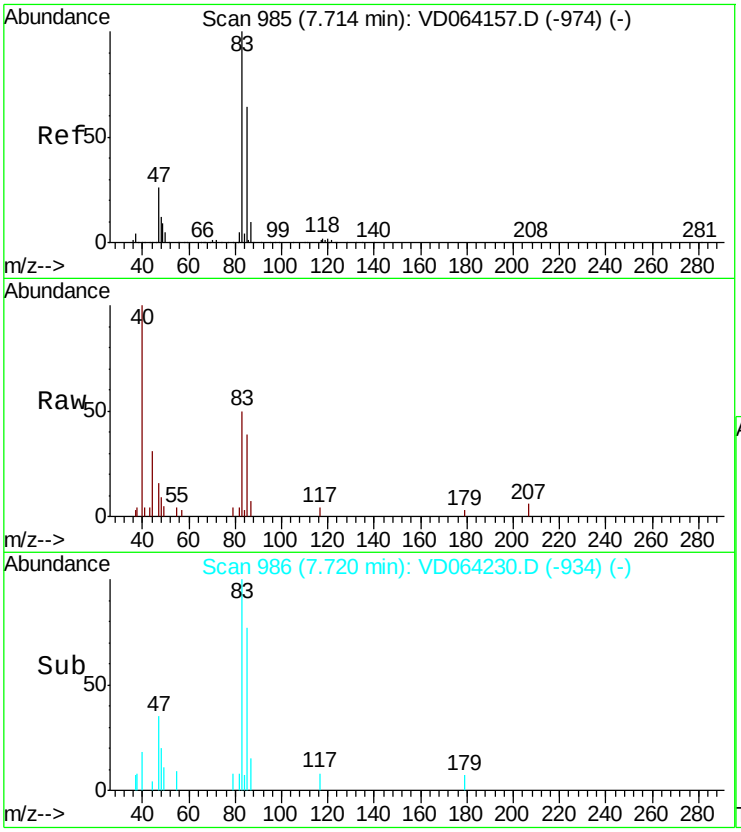


#20
Methylene Chloride
Concen: 8.503 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion: 84 Resp: 13414

Ion	Ratio	Lower	Upper
84	100		
49	99.8	102.1	153.1#
51	34.8	32.2	48.2
86	47.6	49.9	74.9#





#30
Chloroform
Concen: 2.896 ug/l m
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion: 83 Resp: 7600

Ion	Ratio	Lower	Upper
83	100		
85	78.4	51.4	77.0#

Instrument :
MSVOA_D
ClientSampleId :
DRUM-B

Manual Integrations APPROVED
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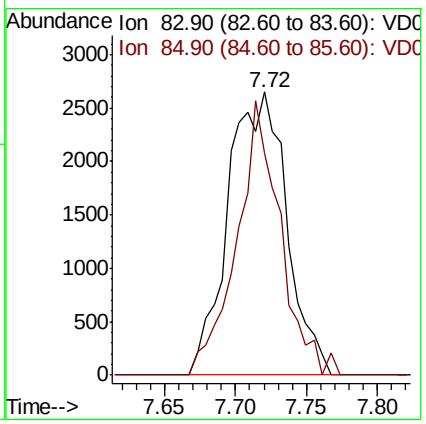
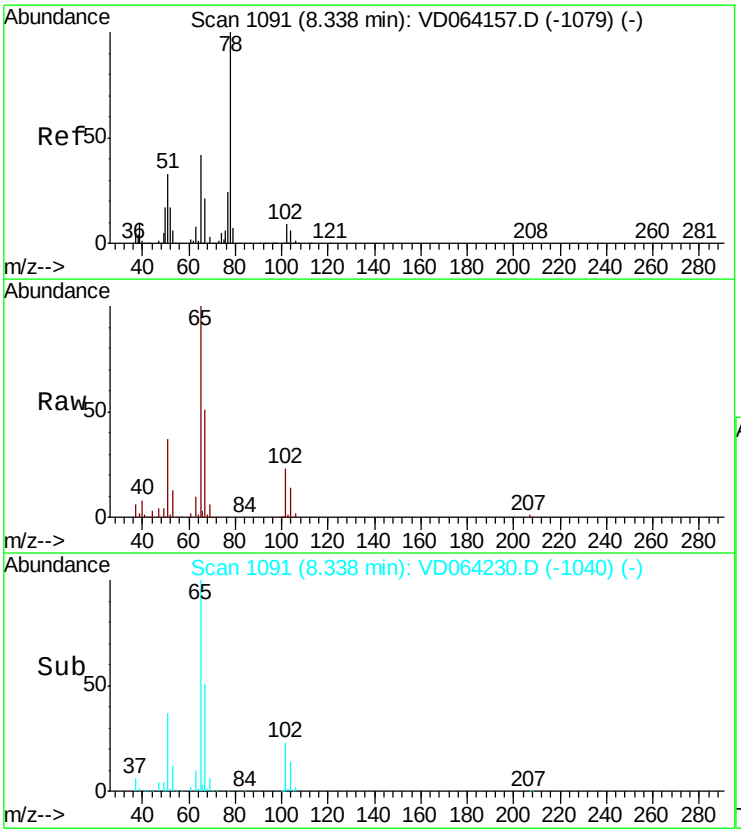
11/19/2019 12:23:26 PM

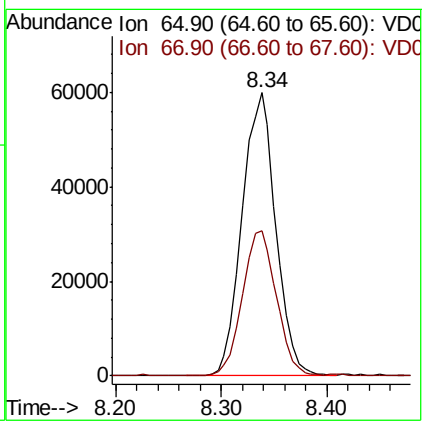


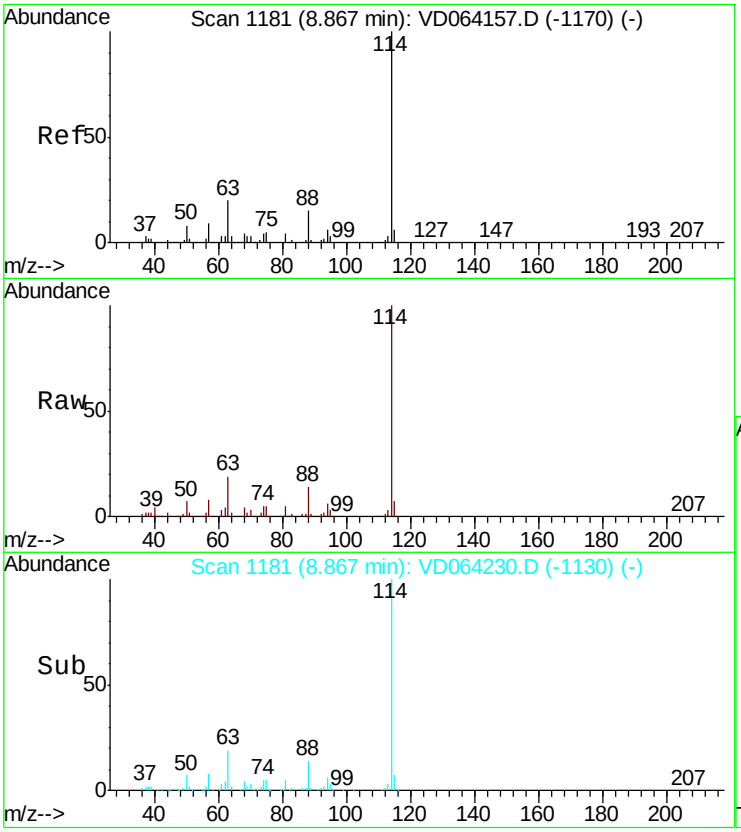


#33
1,2-Dichloroethane-d4
Concen: 100.896 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion: 65 Resp: 133013

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4

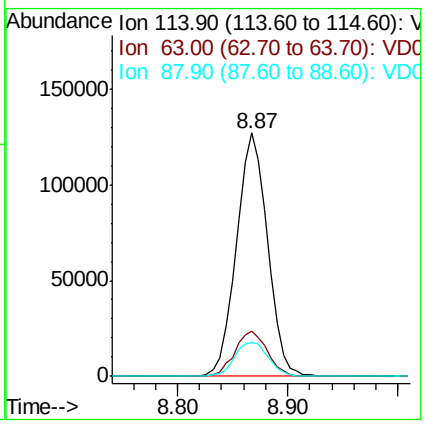




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion:114 Resp: 251690

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.0
88	13.8	0.0	30.2



Instrument :
MSVOA_D
ClientSampleId :
DRUM-B

Manual Integrations APPROVED
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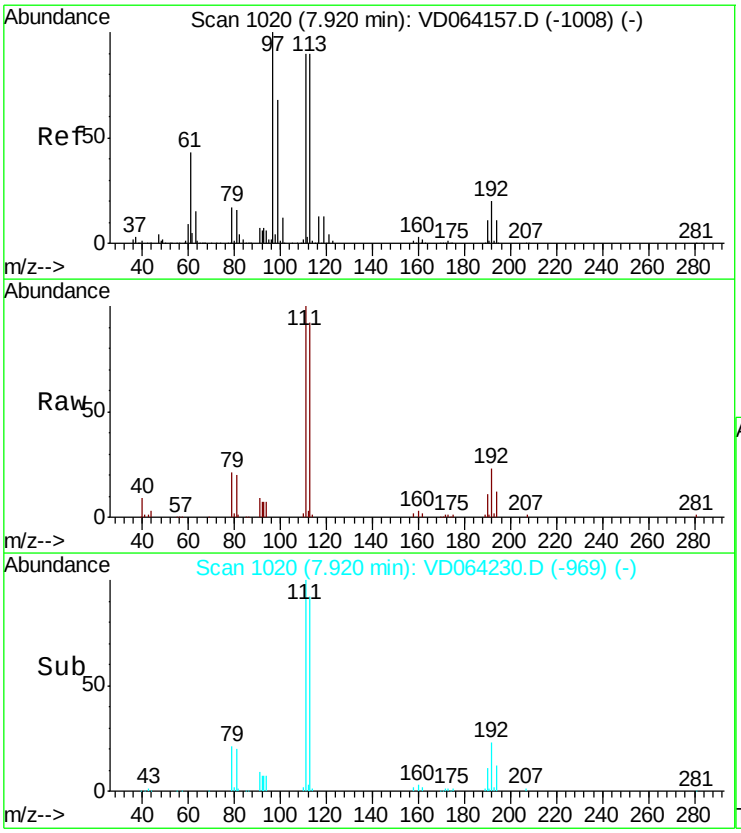
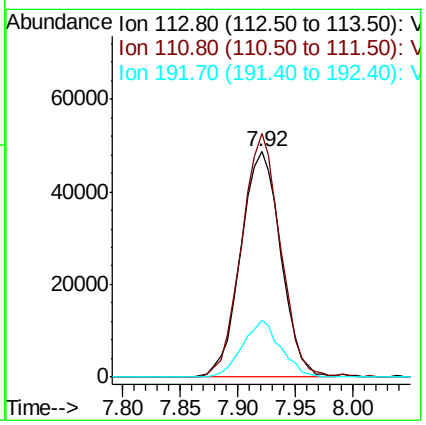
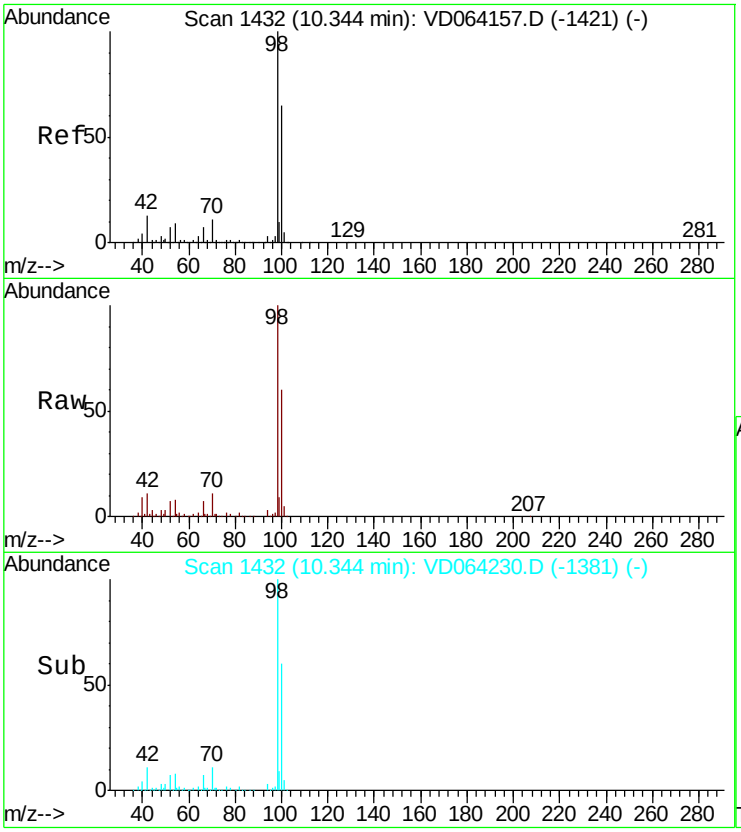


#35
Dibromofluoromethane
Concen: 81.708 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion:113 Resp: 118047

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.5	122.3
192	23.8	18.8	28.2





#50
Toluene-d8
Concen: 34.795 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion: 98 Resp: 189641

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8

Instrument :
MSVOA_D
ClientSampleId :
DRUM-B

Manual Integrations APPROVED
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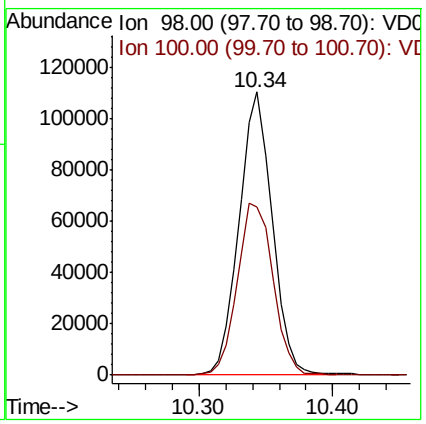
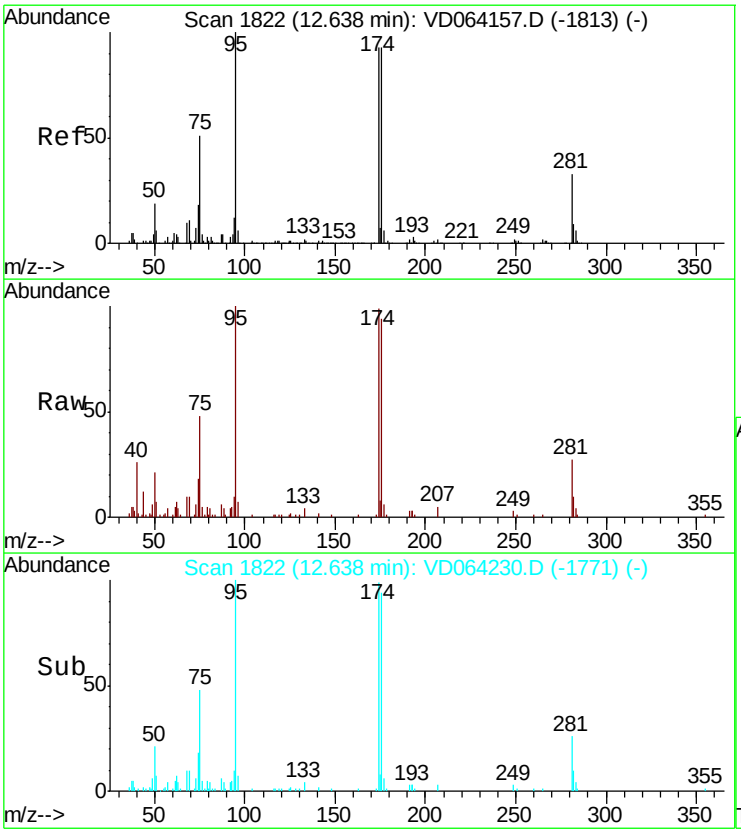
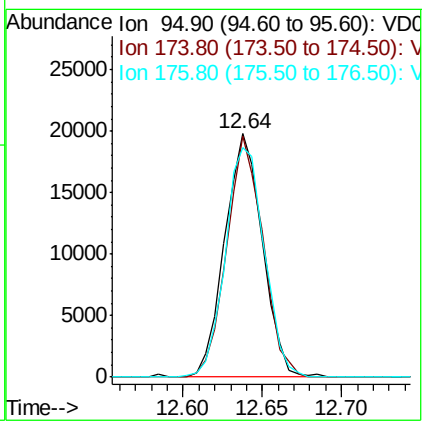


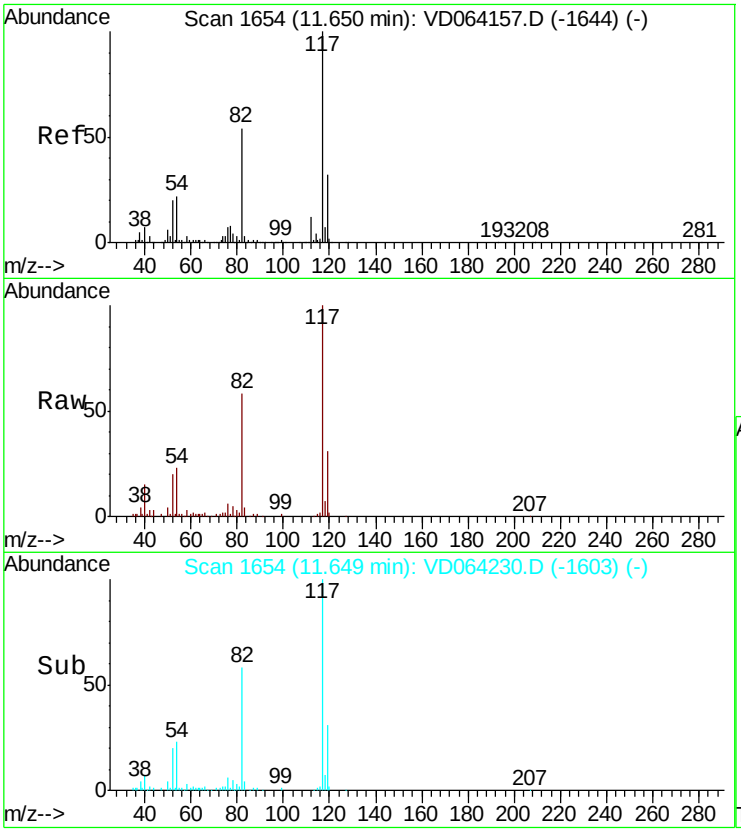


#62
4-Bromofluorobenzene
Concen: 17.234 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion: 95 Resp: 32528

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	183.6
176	97.4	0.0	180.2

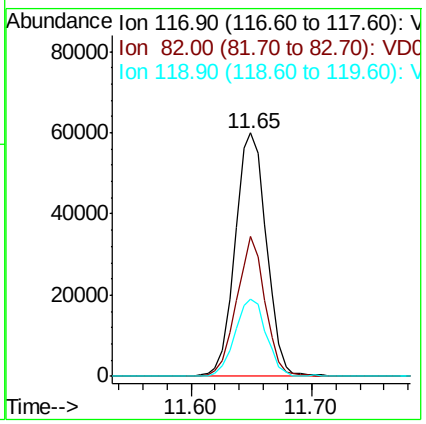




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion:117 Resp: 108304

Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.8	64.2
119	31.5	25.6	38.4



Instrument :
MSVOA_D
ClientSampleId :
DRUM-B

Manual Integrations APPROVED
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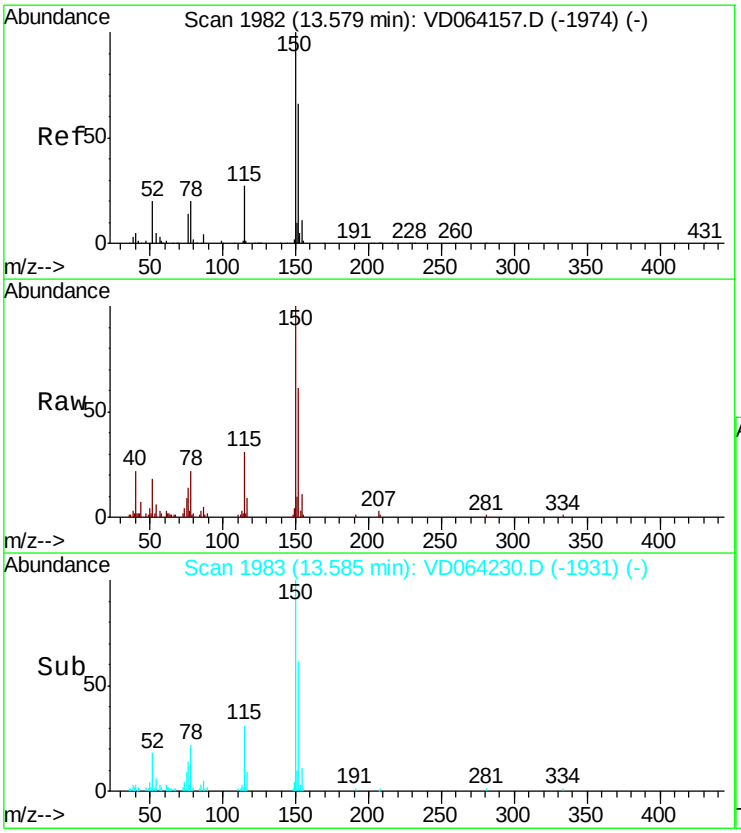
11/19/2019 12:23:26 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064230.D
Acq: 15 Nov 2019 16:33

Tgt Ion:152 Resp: 26673

Ion	Ratio	Lower	Upper
152	100		
115	51.3	27.4	82.2
150	149.5	0.0	351.6