Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120920\
Data File : VN065016.D
Acq On : 9 Dec 2020 13:25
Operator : JC/MD
Sample : PB133473ZHE#17
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133473ZHE#17

Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM

Quant Time: Dec 10 04:35:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	166374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105997	54.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.60%			
35) Dibromofluoromethane	7.55	113	99327	53.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.62%			
50) Toluene-d8	10.06	98	381934	50.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.28%			
62) 4-Bromofluorobenzene	12.38	95	140891	52.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.38%			
Target Compounds						Qvalue
16) Acetone	3.78	43	7699	12.109	ug/l	97
20) Methylene Chloride	4.51	84	2219m	1.114	ug/l	

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

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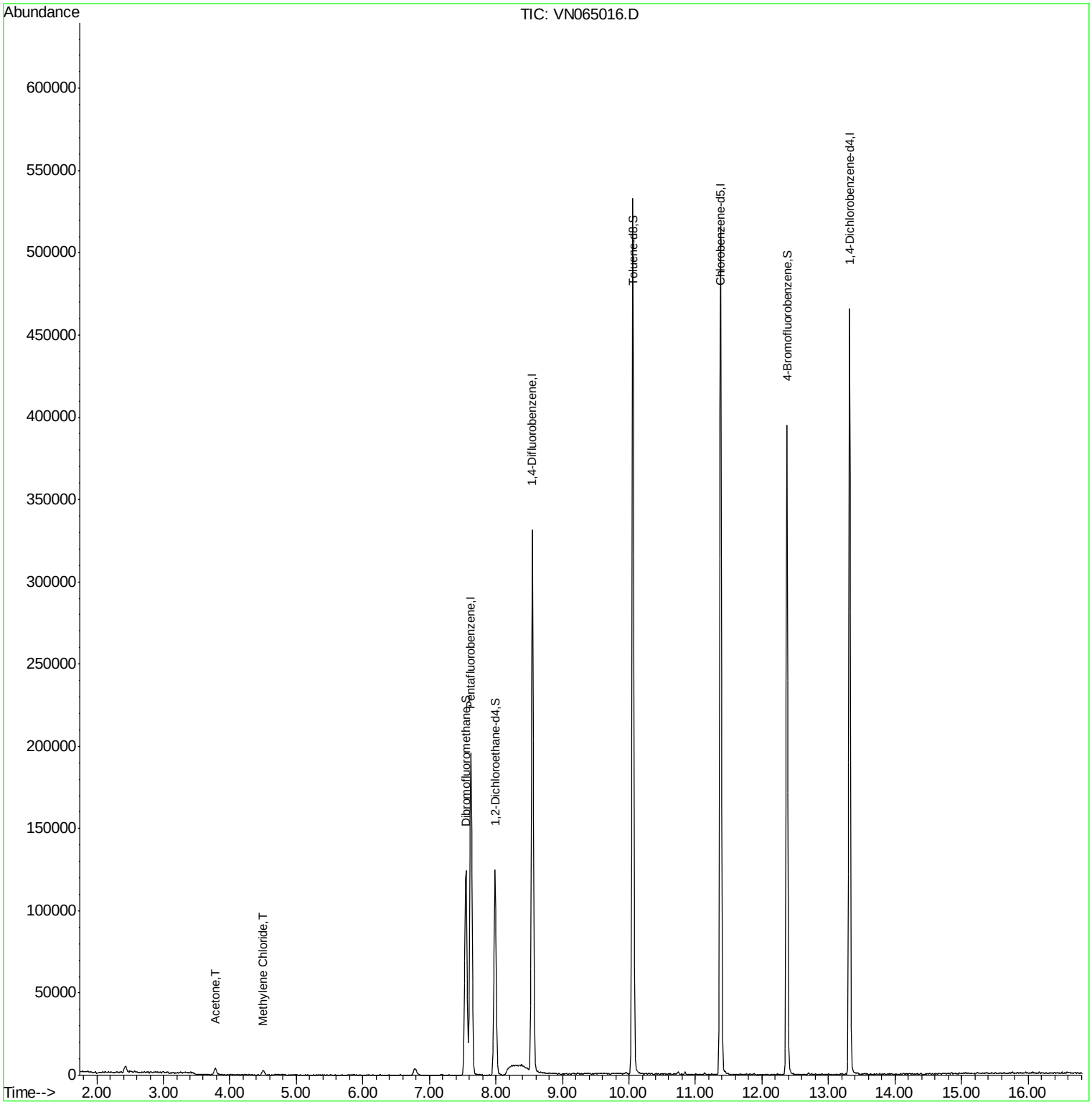
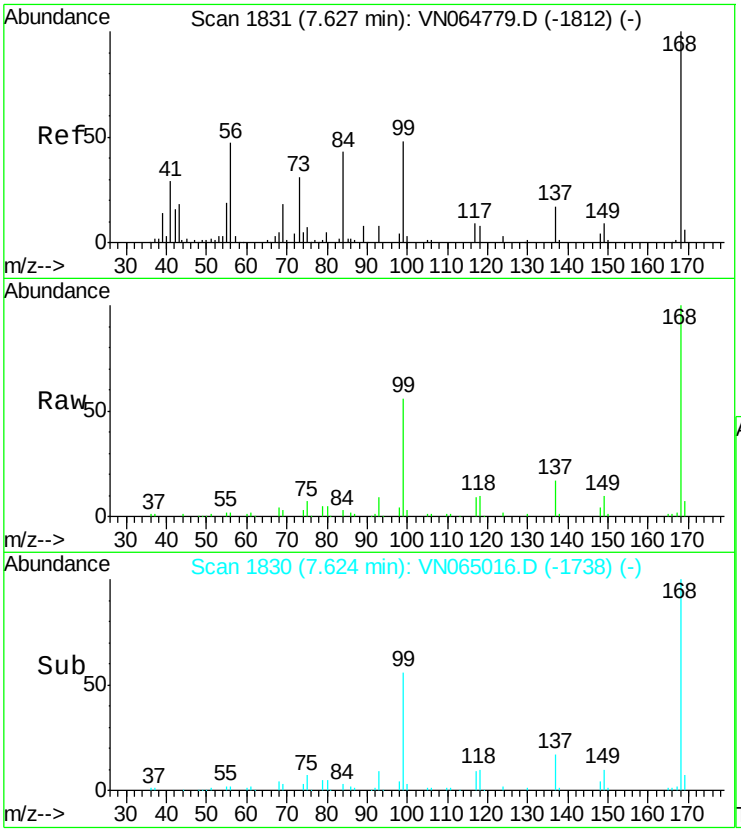
Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM

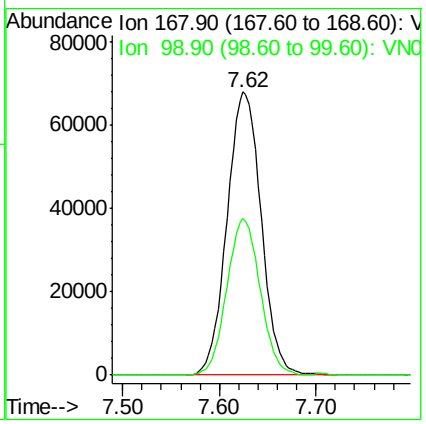




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

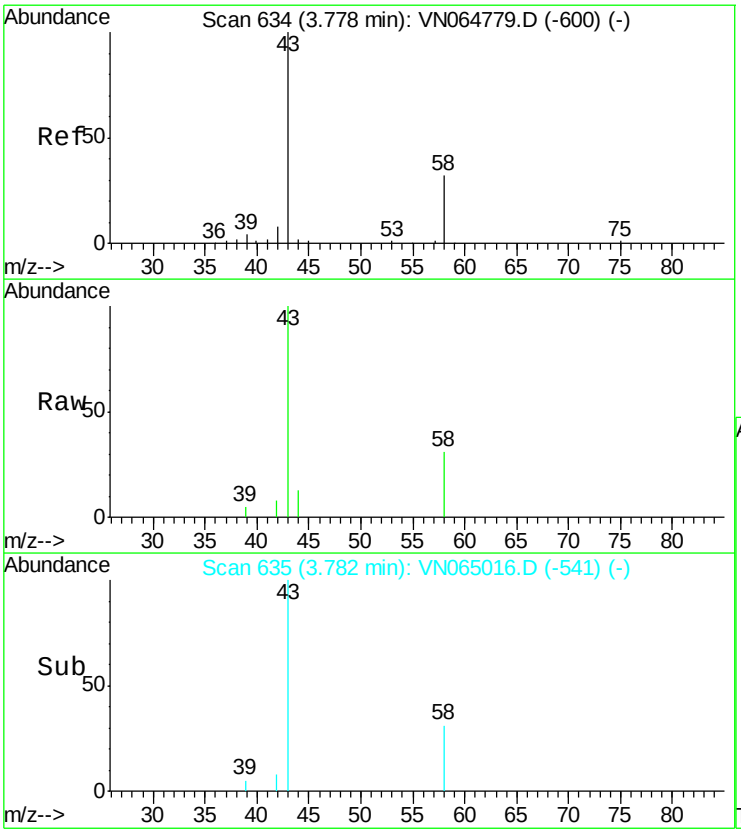
Tgt Ion:168 Resp: 166374

Ion	Ratio	Lower	Upper
168	100		
99	55.6	43.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#17

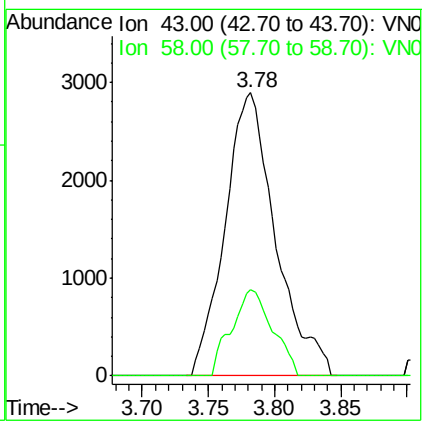
Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM

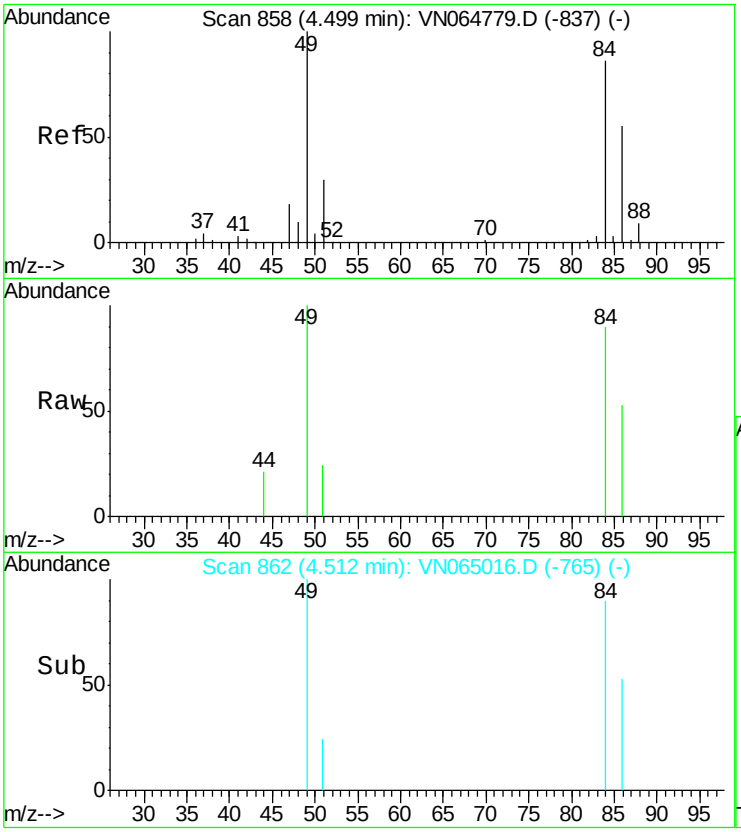


#16
Acetone
Concen: 12.109 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion: 43 Resp: 7699

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.7	38.5

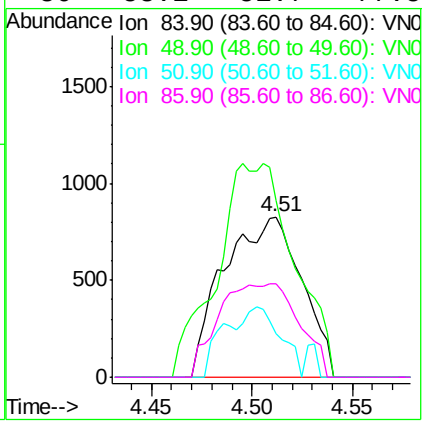




#20
Methylene Chloride
Concen: 1.114 ug/l m
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion: 84 Resp: 2219

Ion	Ratio	Lower	Upper
84	100		
49	110.5	93.4	140.0
51	27.0	28.2	42.4#
86	58.1	51.7	77.5



Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#17

Manual Integrations APPROVED
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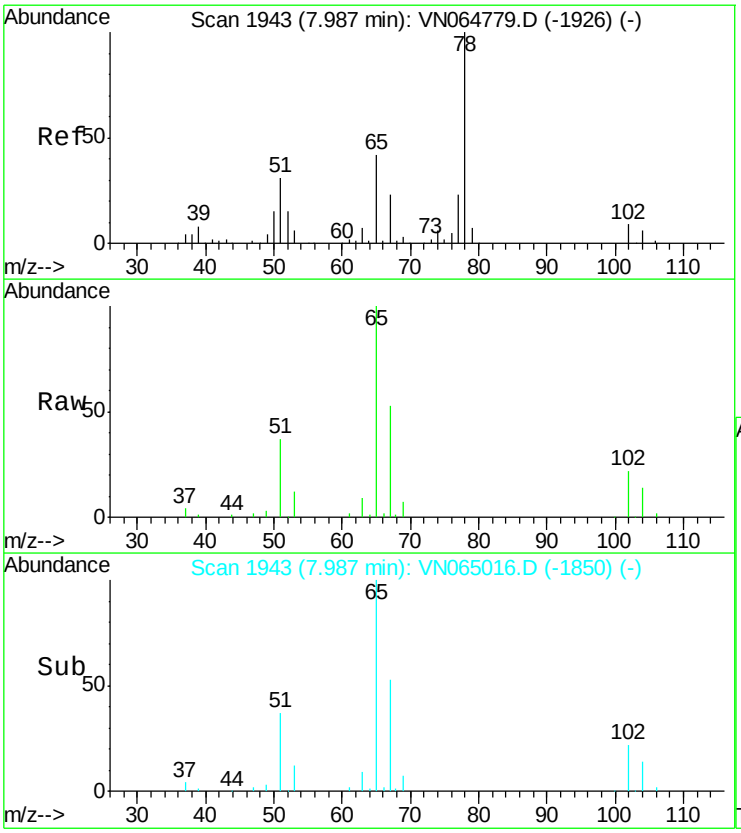
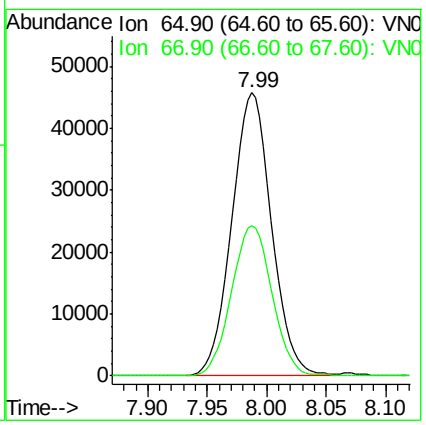
12/10/2020 9:14:35 AM

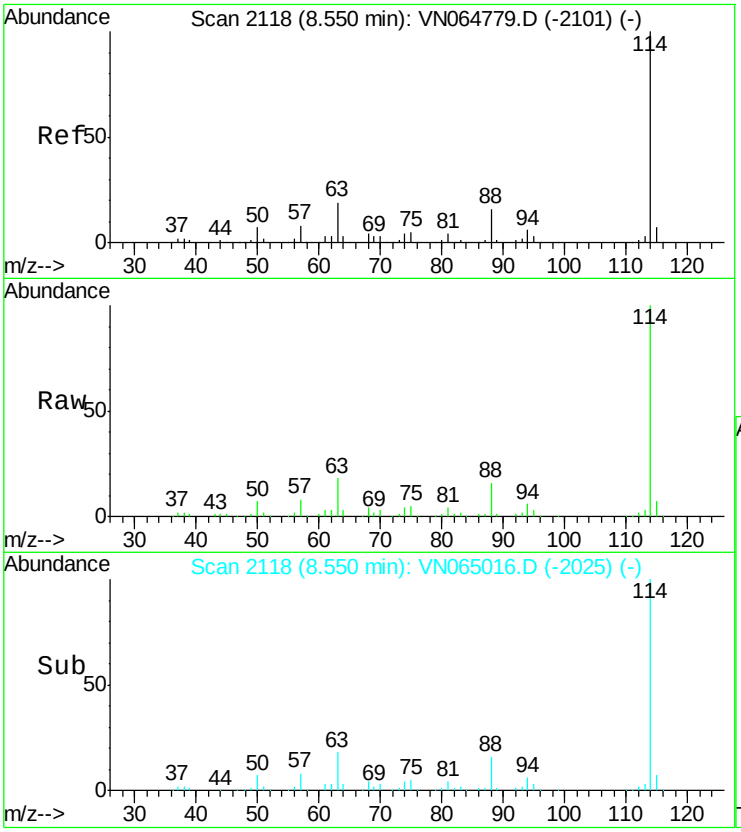


#33
1,2-Dichloroethane-d4
Concen: 54.801 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion: 65 Resp: 105997

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.2

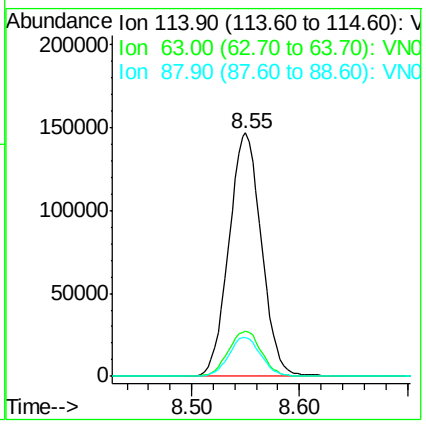




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

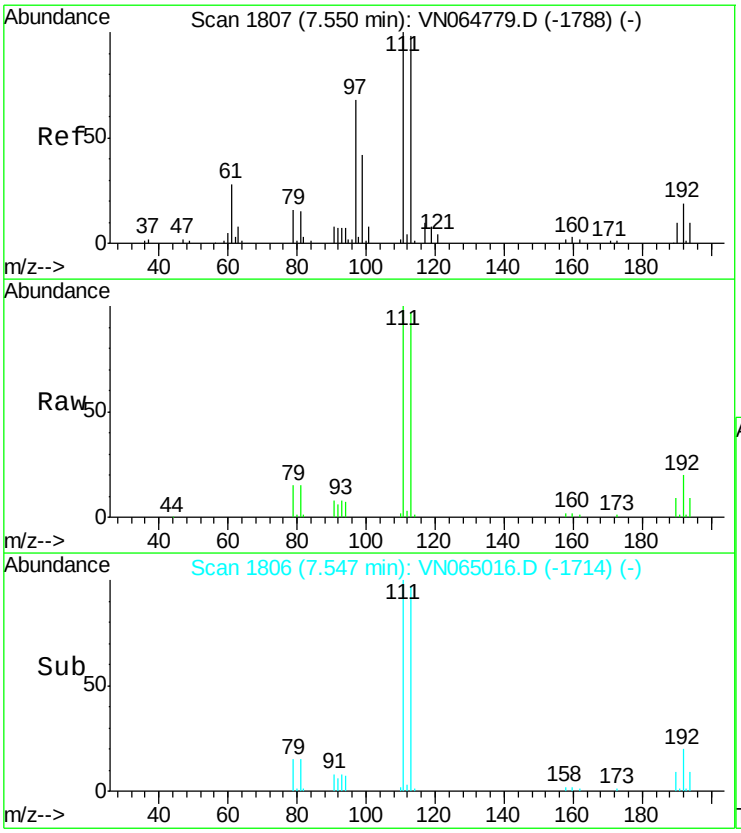
Tgt Ion:114 Resp: 308514

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.6
88	16.1	0.0	32.6



Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#17

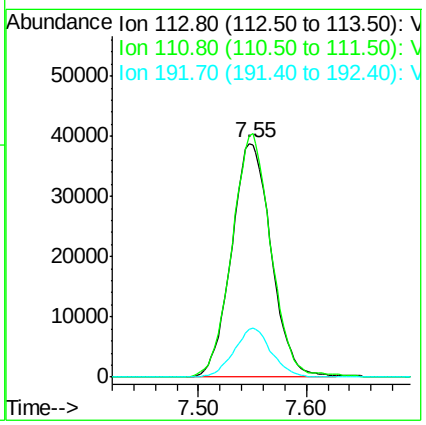
Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM

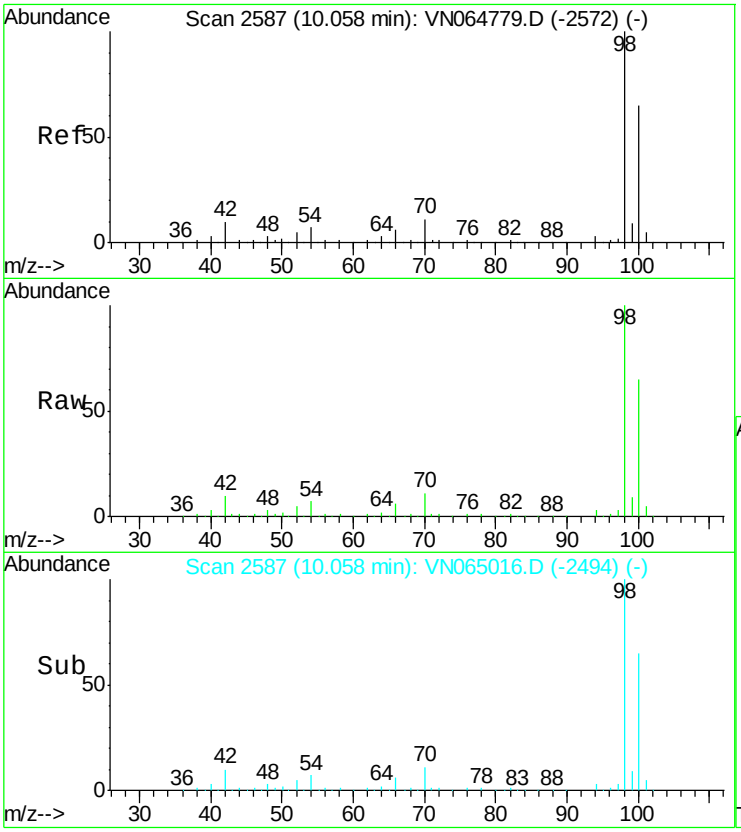


#35
Dibromofluoromethane
Concen: 53.805 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion:113 Resp: 99327

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	19.5	16.2	24.2

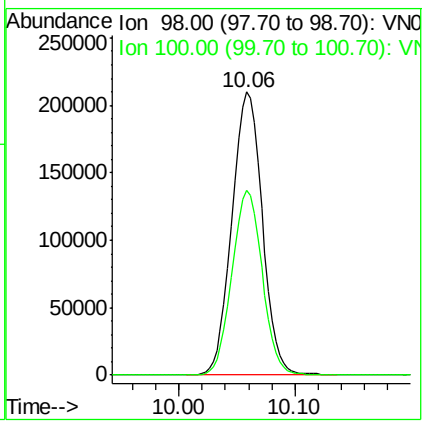




#50
Toluene-d8
Concen: 50.635 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

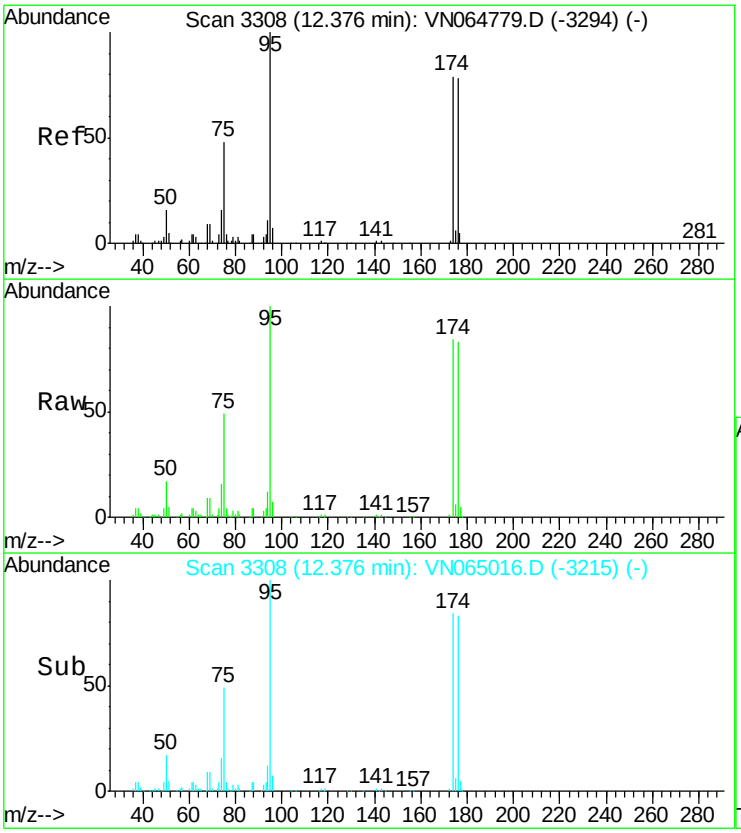
Tgt Ion: 98 Resp: 381934

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5



Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#17

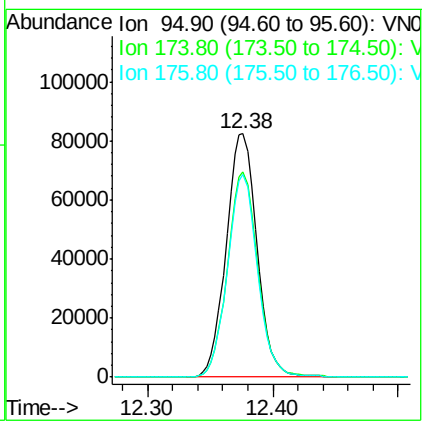
Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM

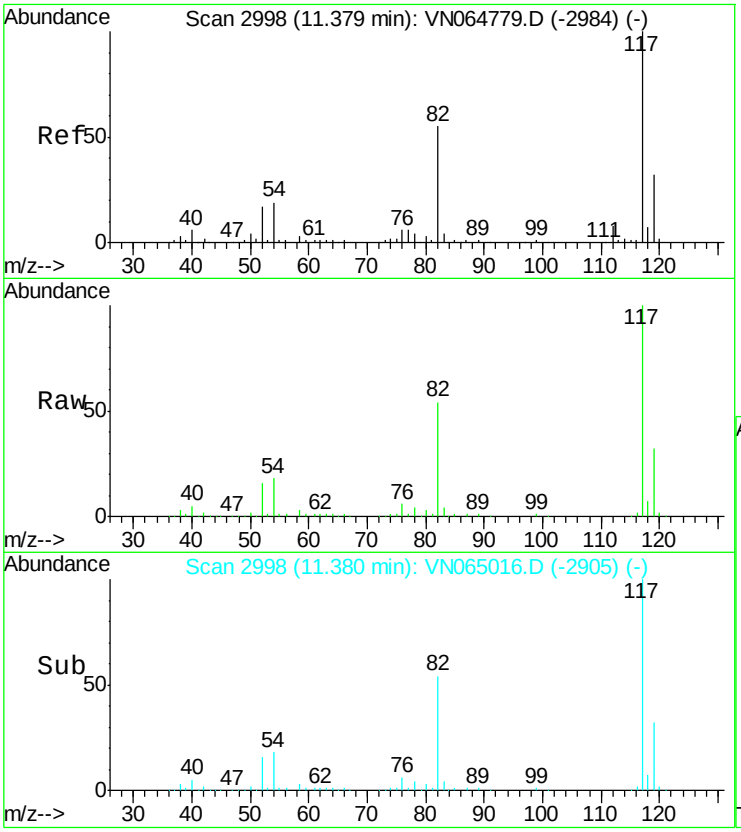


#62
4-Bromofluorobenzene
Concen: 52.193 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion: 95 Resp: 140891

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	160.4
176	81.1	0.0	158.4

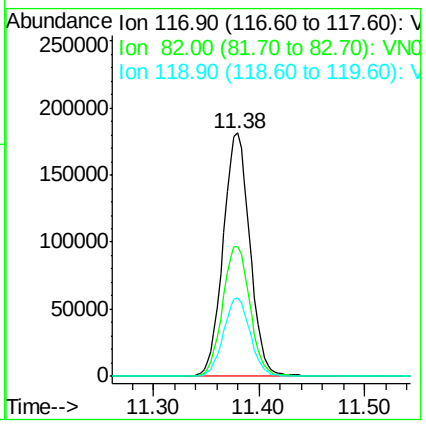




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

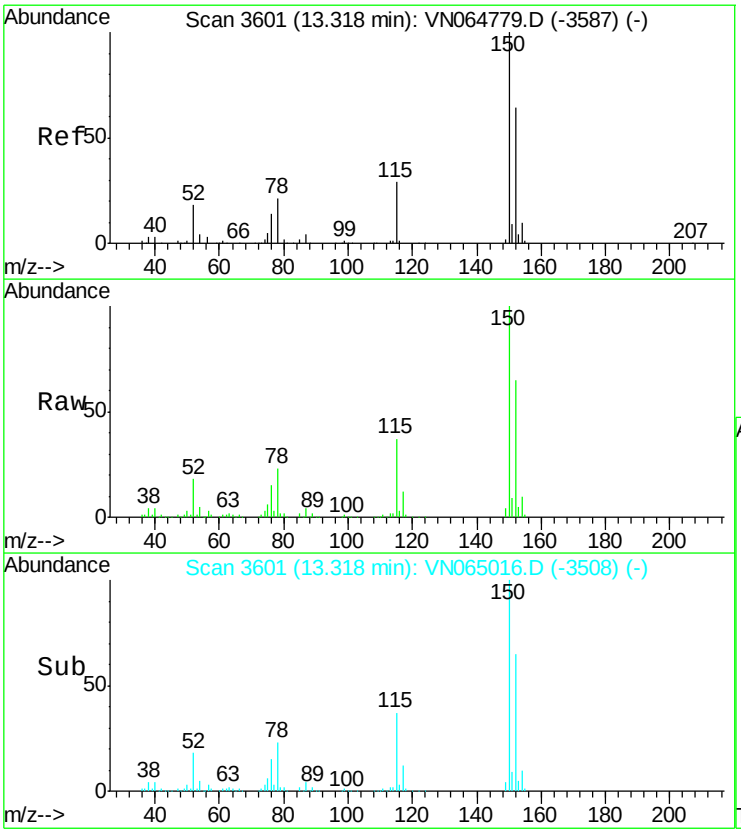
Tgt Ion:117 Resp: 317571

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	32.3	25.8	38.6



Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#17

Manual Integrations APPROVED
MMDadoda
12/10/2020 9:14:35 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN065016.D
Acq: 9 Dec 2020 13:25

Tgt Ion:152 Resp: 136103

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.7	89.1
150	155.1	0.0	350.6