Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120420\
Data File : VN064922.D
Acq On : 4 Dec 2020 16:30
Operator : JC/MD
Sample : L4954-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS013-13-6095-120120

Manual Integrations APPROVED
MMDadoda
12/7/2020 10:45:44 AM

Quant Time: Dec 07 10:00:24 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	178472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107410	51.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.54%			
35) Dibromofluoromethane	7.55	113	100661	52.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.50%			
50) Toluene-d8	10.06	98	401468	51.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.98%			
62) 4-Bromofluorobenzene	12.38	95	163632	58.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.28%			
Target Compounds						Qvalue
16) Acetone	3.78	43	1983	2.907	ug/l	93
39) Methylcyclohexane	9.05	83	5119m	1.609	ug/l	
78) n-propylbenzene	12.56	91	2867	0.229	ug/l	77
80) 1,3,5-Trimethylbenzene	12.71	105	1960	0.214	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	14325	1.550	ug/l	99
95) Naphthalene	15.10	128	19971	2.084	ug/l	100

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

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Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

Manual Integrations APPROVED
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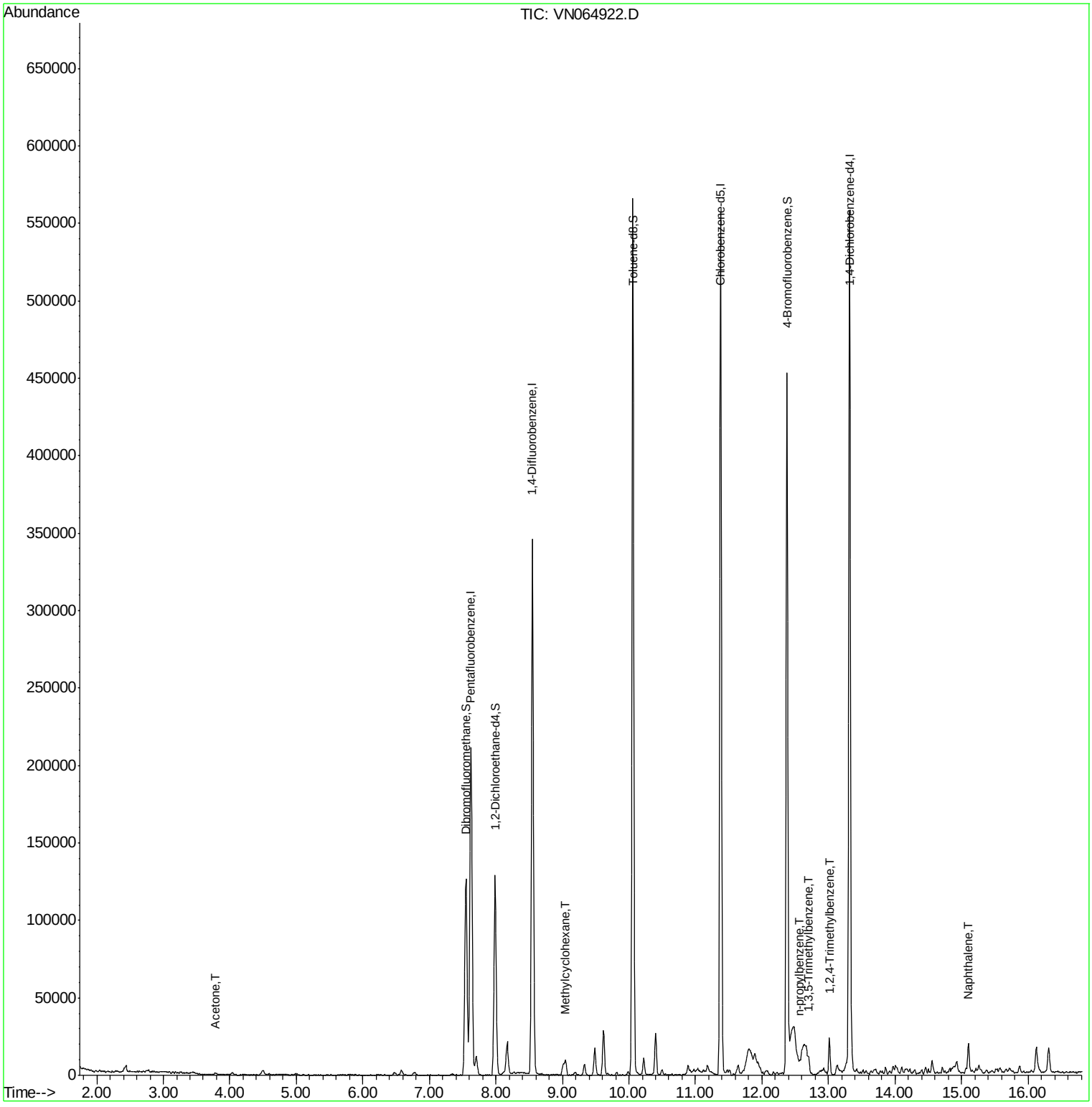
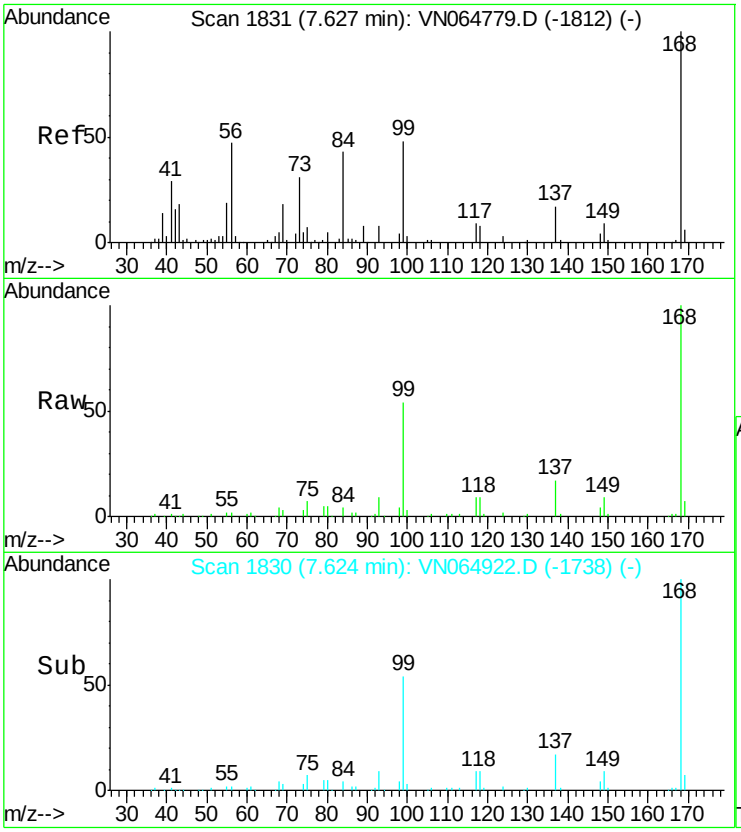
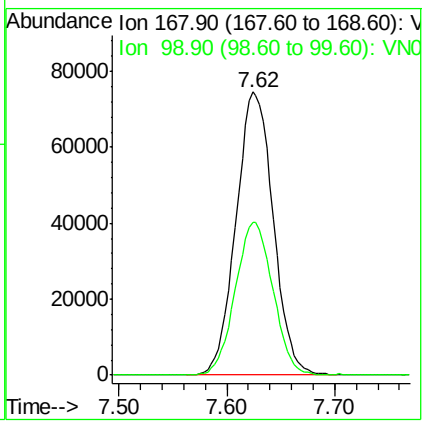




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:168 Resp: 178472

Ion	Ratio	Lower	Upper
168	100		
99	54.2	43.0	64.4



Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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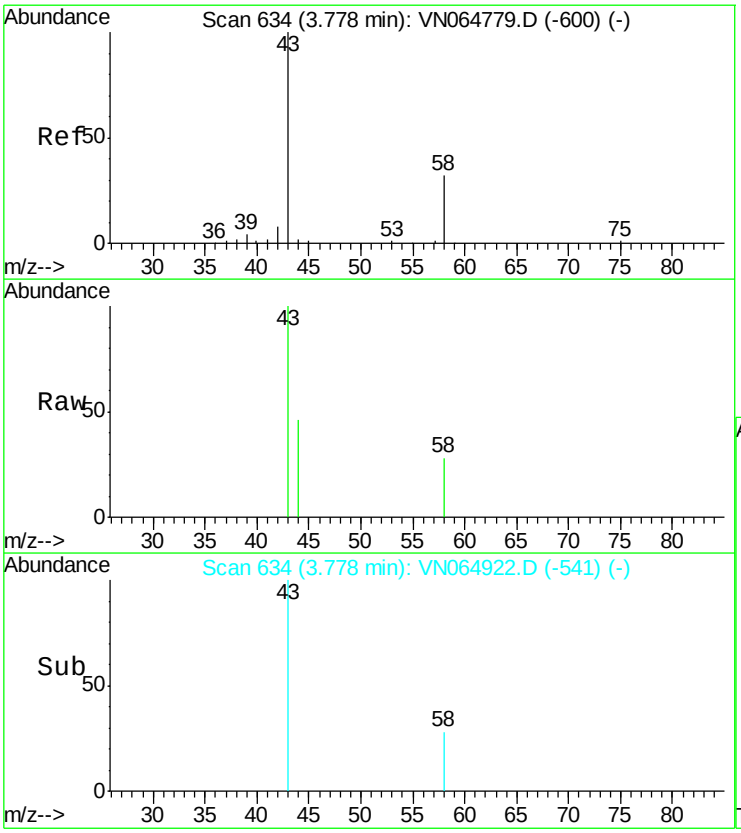
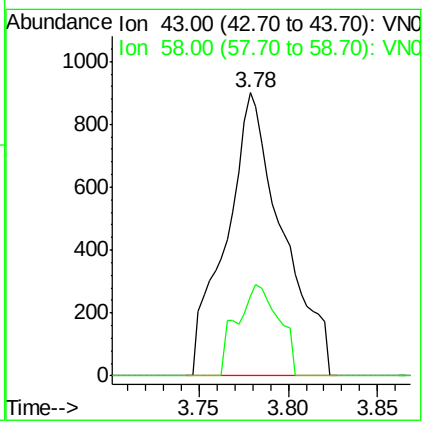
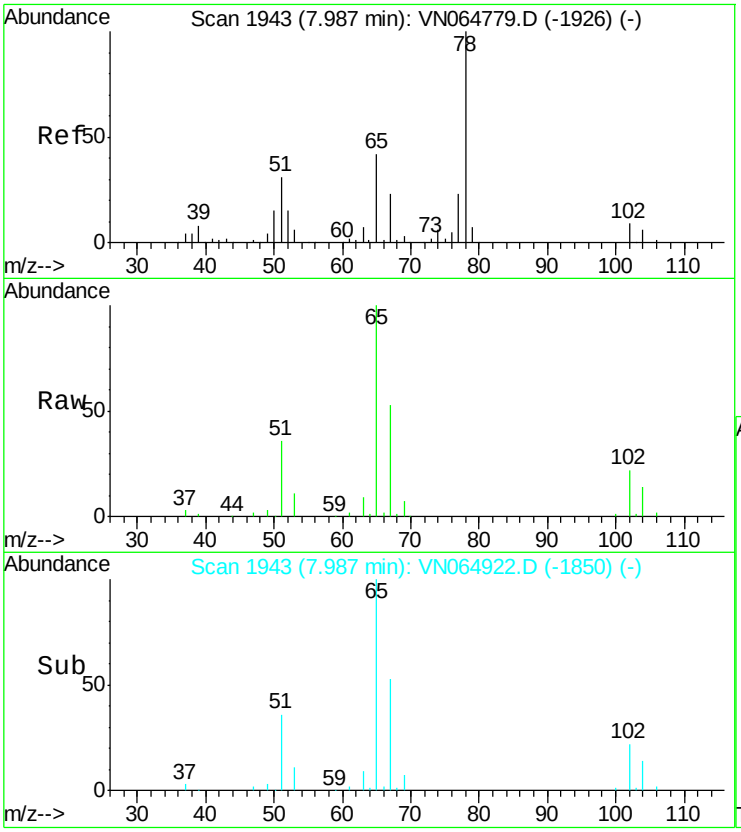


#16
Acetone
Concen: 2.907 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 43 Resp: 1983

Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.7	38.5





#33
1,2-Dichloroethane-d4
Concen: 51.767 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 65 Resp: 107410

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.2

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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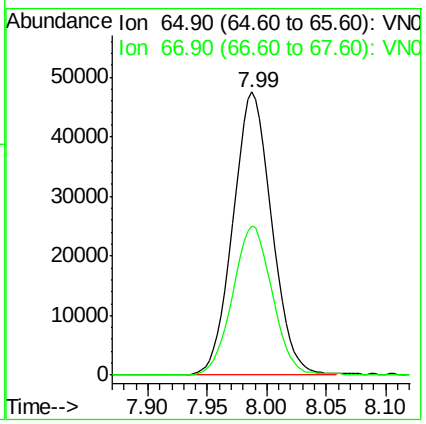
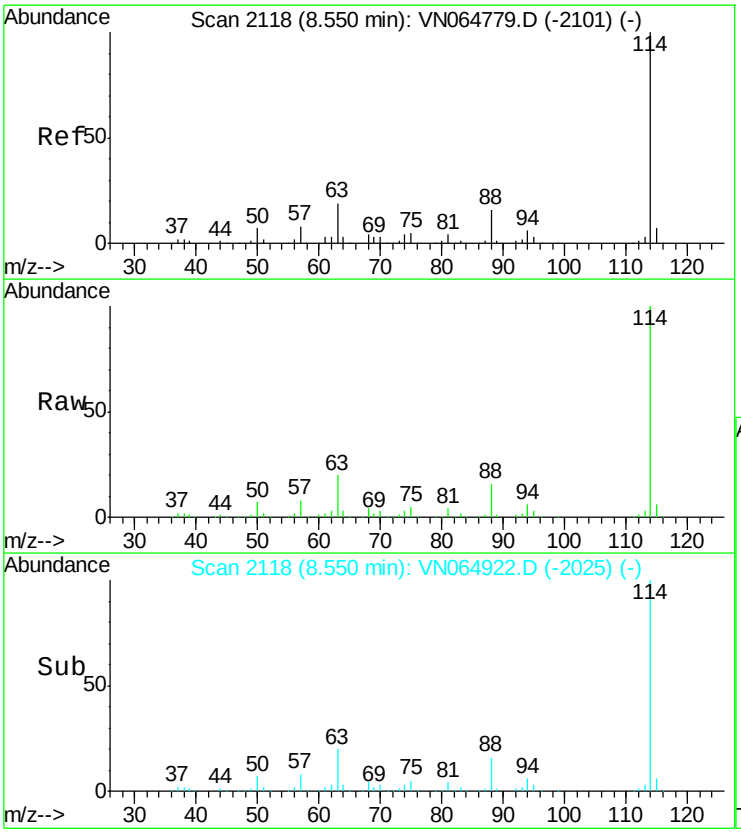
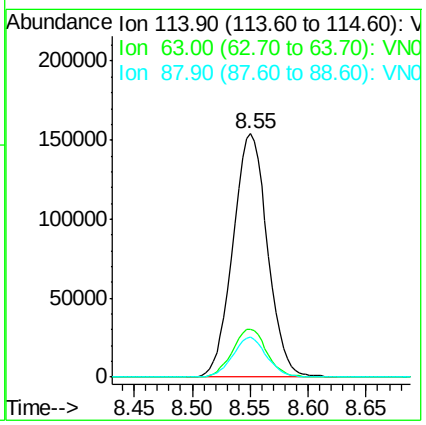


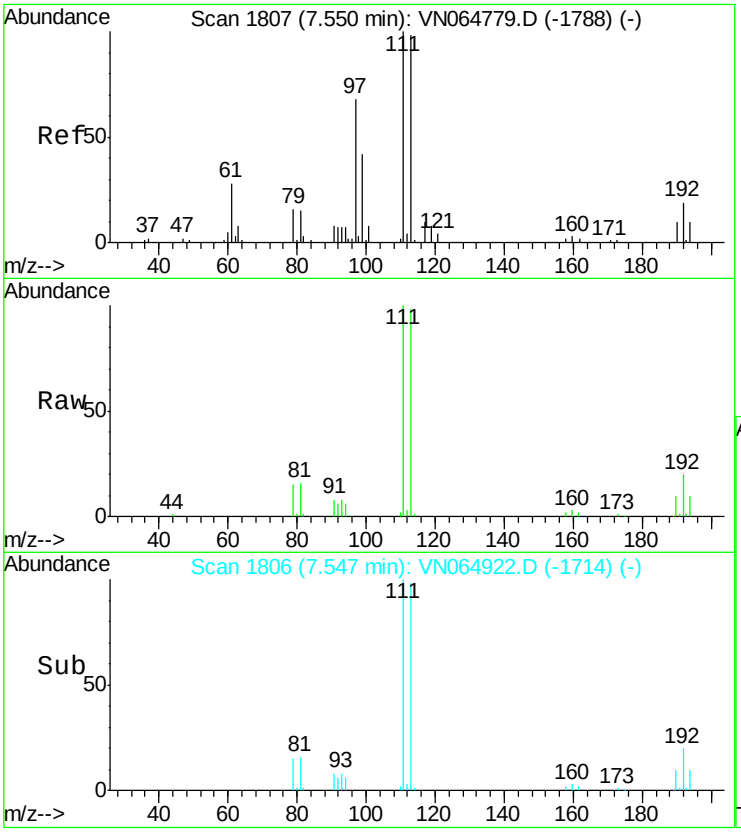


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:114 Resp: 318904

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	16.3	0.0	32.6

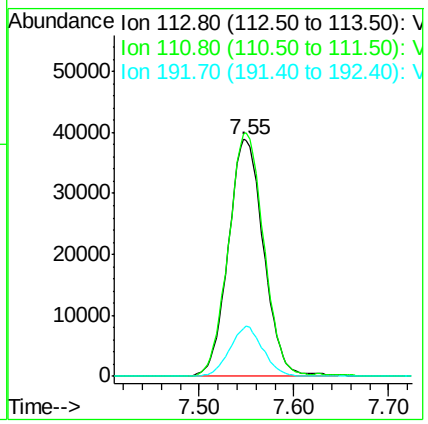




#35
Dibromofluoromethane
Concen: 52.751 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:113 Resp: 100661

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	19.7	16.2	24.2



Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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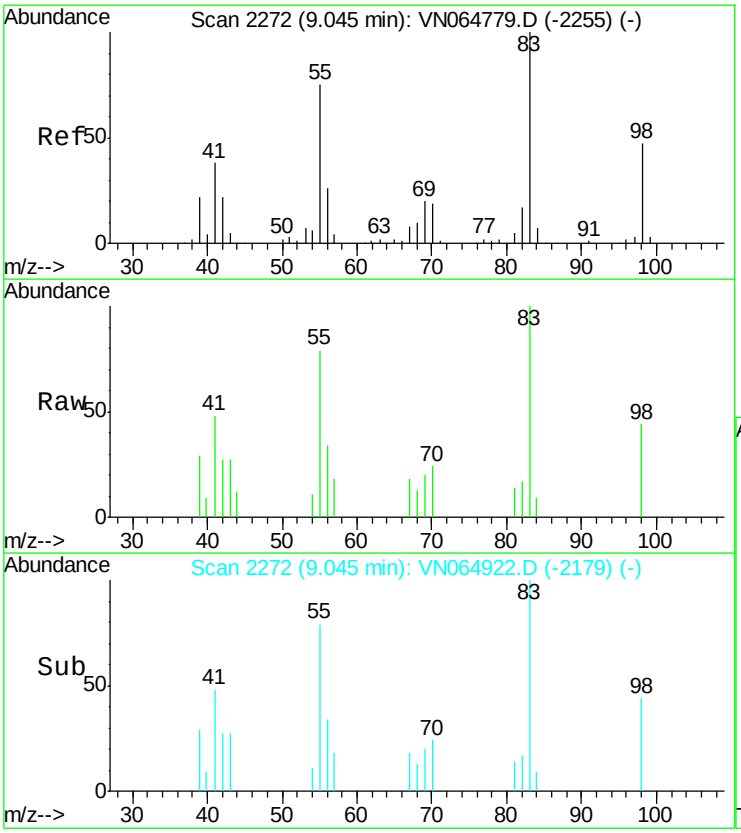
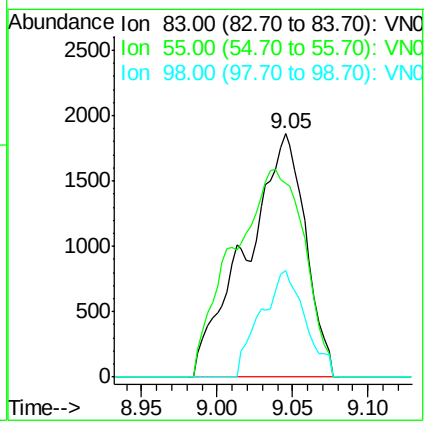
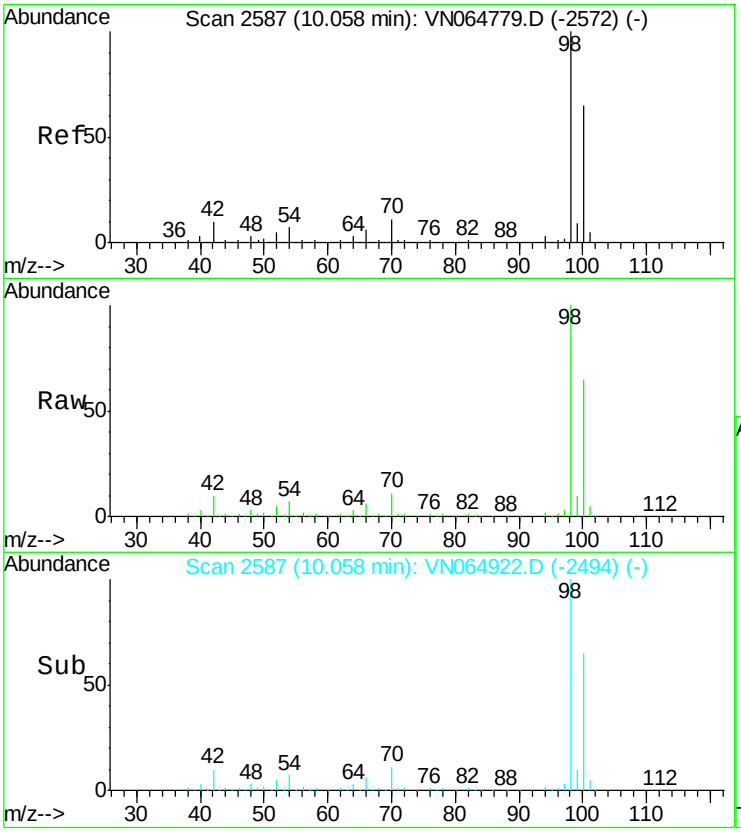


#39
Methylcyclohexane
Concen: 1.609 ug/l m
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 83 Resp: 5119

Ion	Ratio	Lower	Upper
83	100		
55	79.4	60.2	90.2
98	43.6	37.4	56.2





#50
Toluene-d8
Concen: 51.491 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 98 Resp: 401468

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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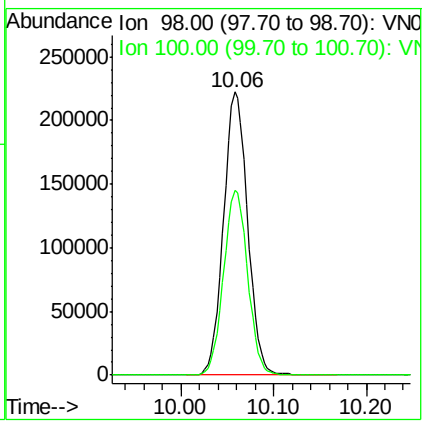
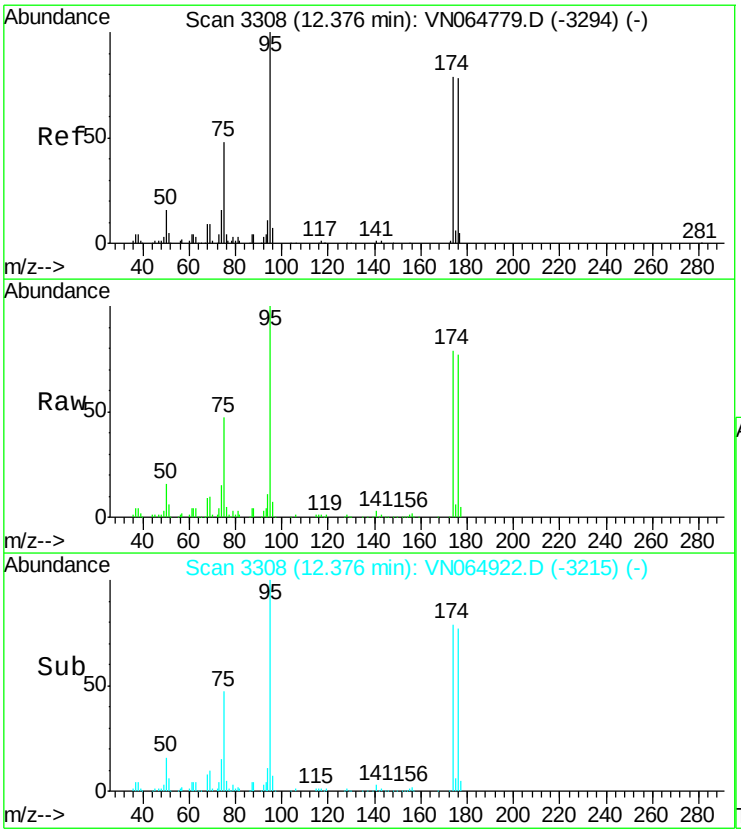
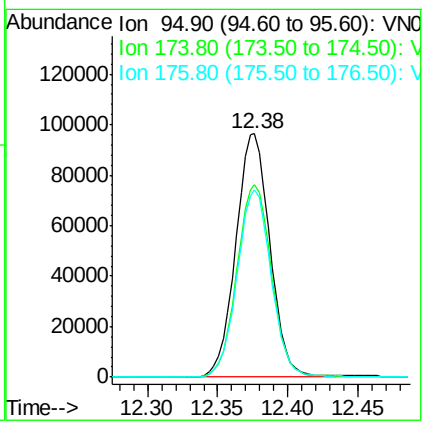


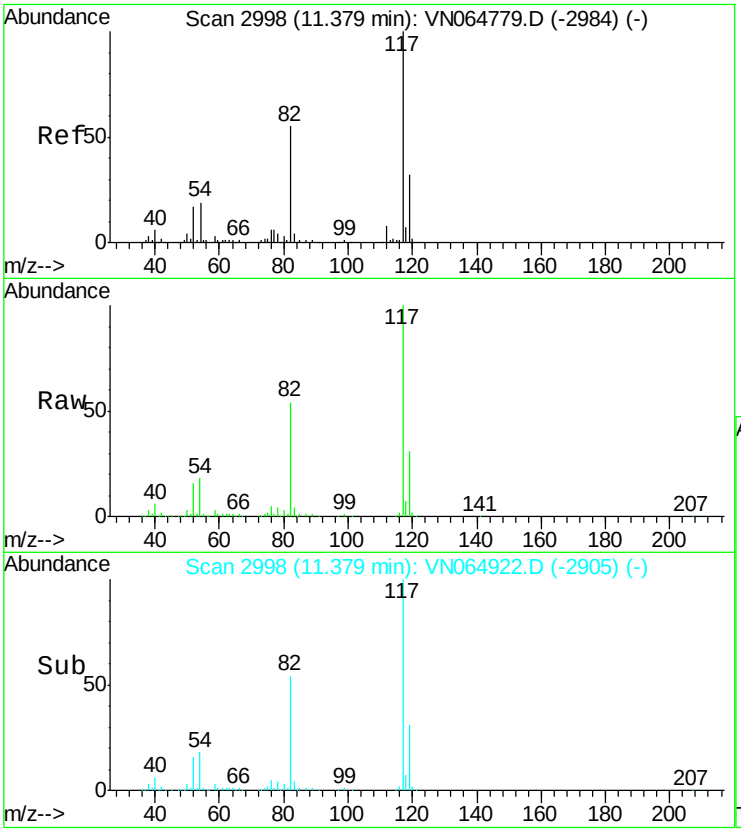


#62
4-Bromofluorobenzene
Concen: 58.642 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 95 Resp: 163632

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	160.4
176	76.7	0.0	158.4

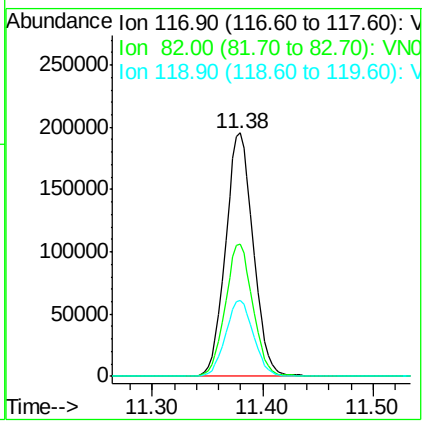




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:117 Resp: 339812

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.2	66.2
119	31.4	25.8	38.6



Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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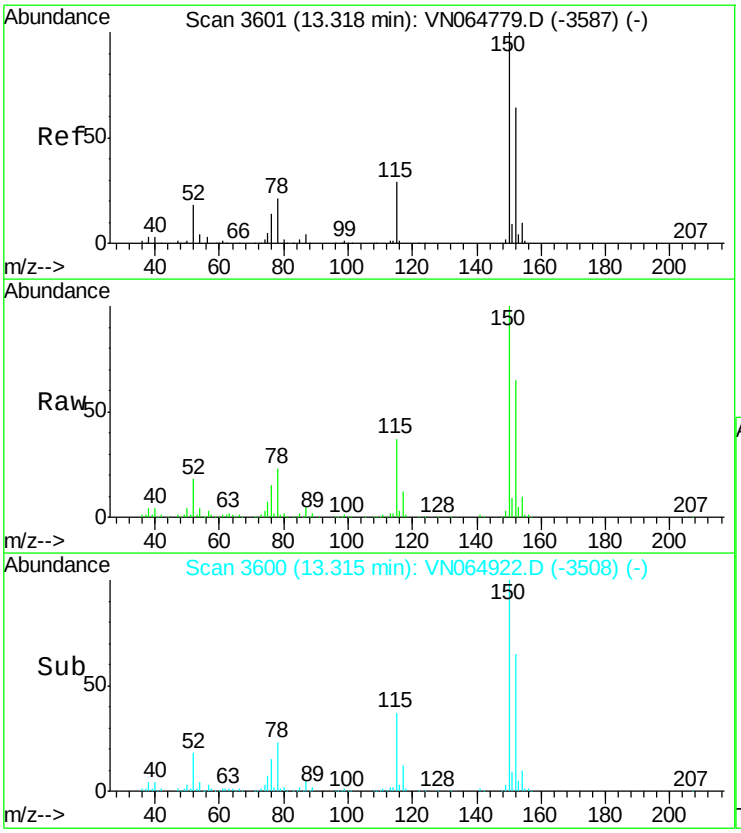
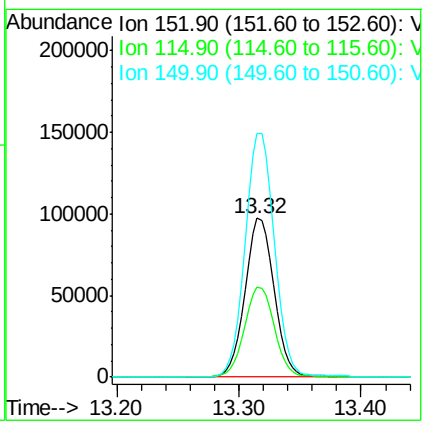
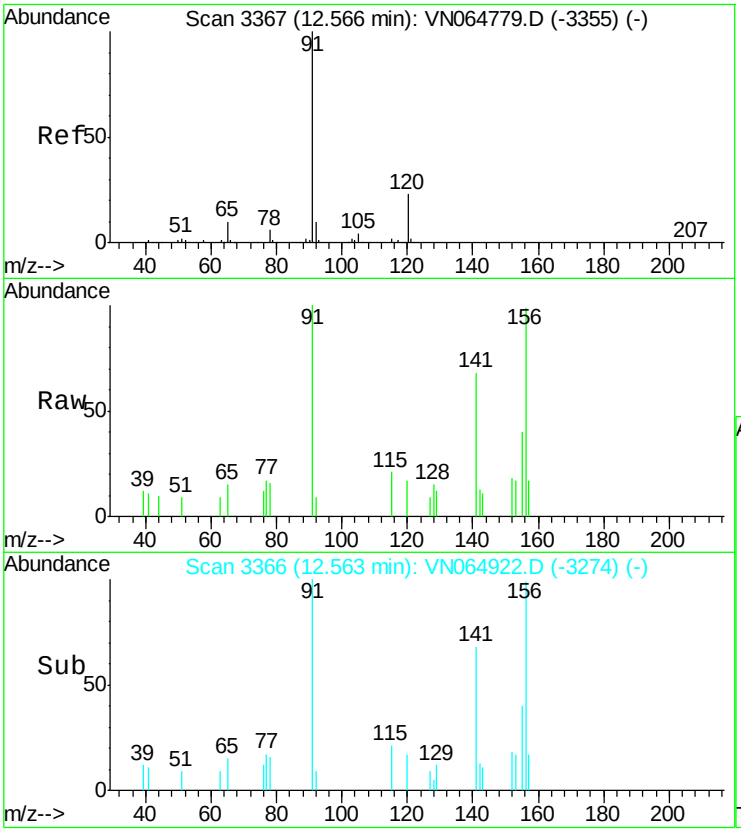


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:152 Resp: 158072

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.7	89.1
150	155.4	0.0	350.6

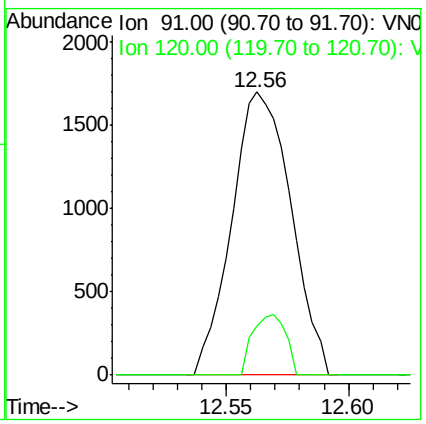




#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion: 91 Resp: 2867

Ion	Ratio	Lower	Upper
91	100		
120	11.8	11.6	34.7



Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120

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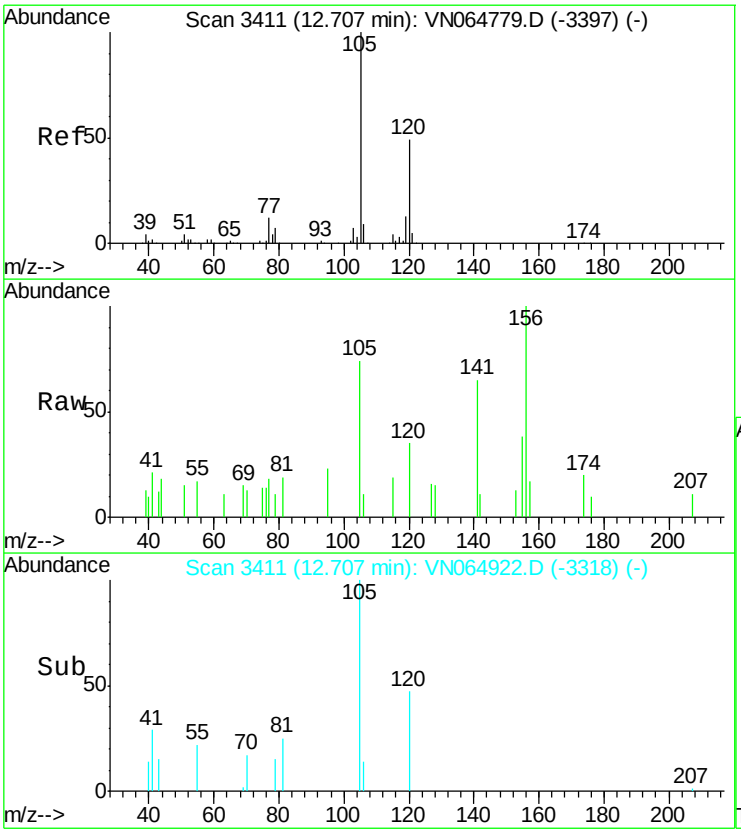
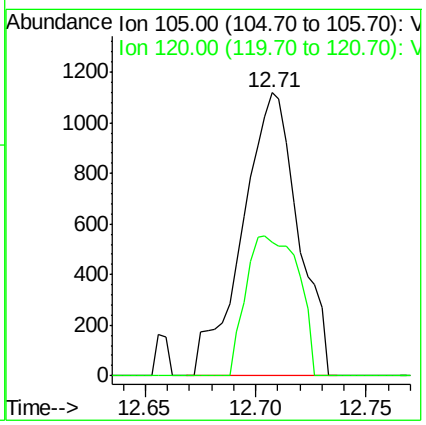
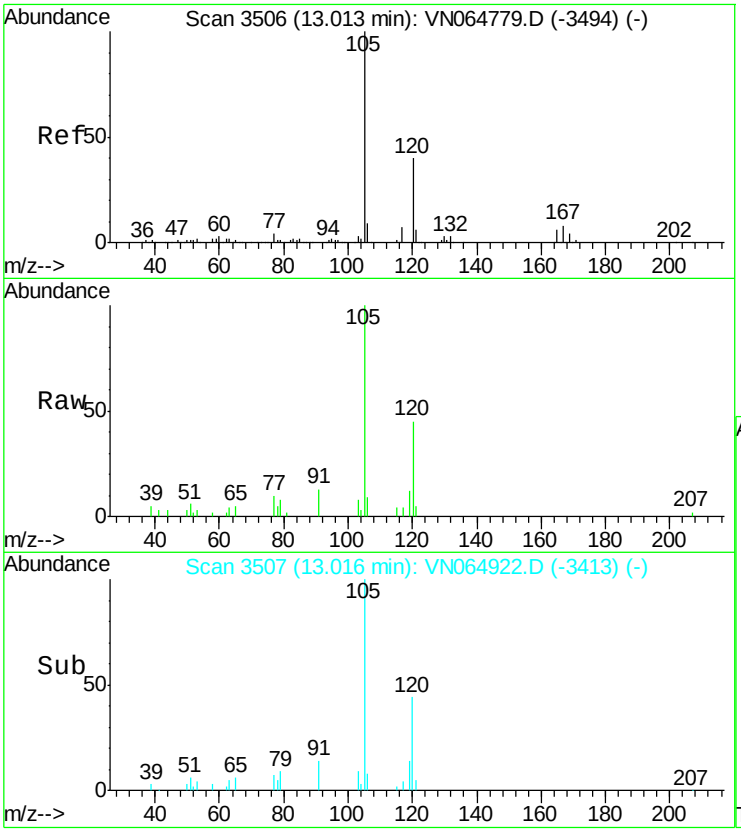


#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:105 Resp: 1960

Ion	Ratio	Lower	Upper
105	100		
120	46.3	24.6	73.6





#84
1,2,4-Trimethylbenzene
Concen: 1.550 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:105 Resp: 14325

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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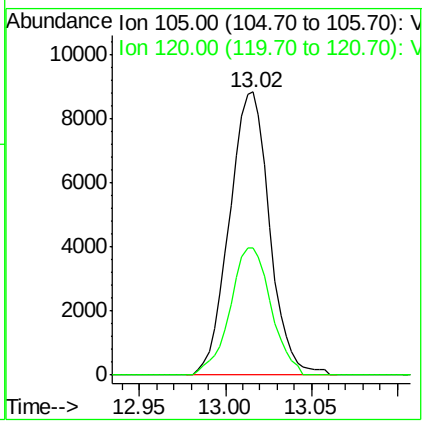

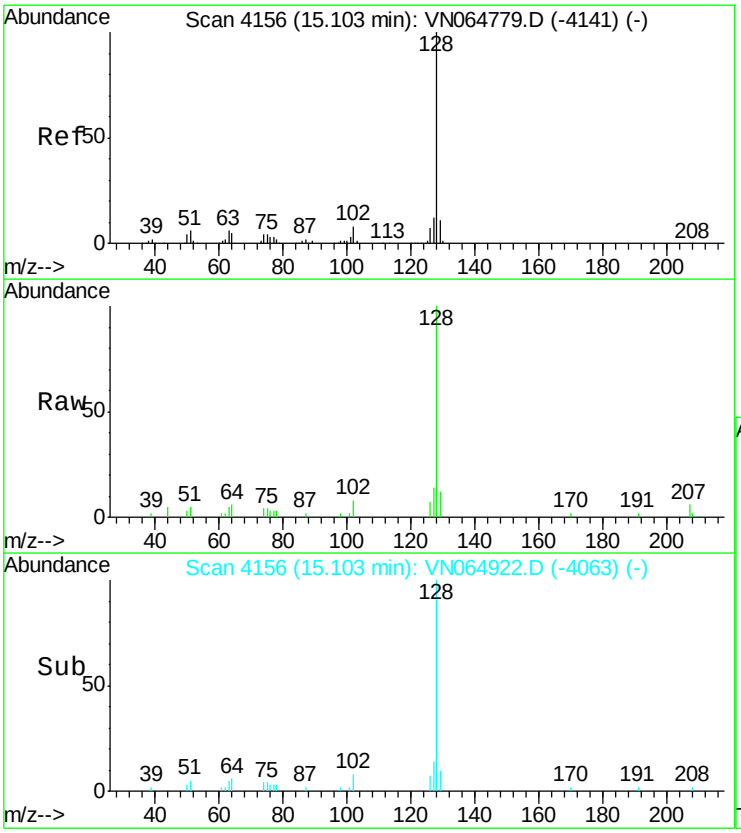

#95
Naphthalene
Concen: 2.084 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064922.D
Acq: 4 Dec 2020 16:30

Tgt Ion:128 Resp: 19971

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.7	13.1