Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069912.D
Acq On : 9 Dec 2021 15:30
Operator : JC/MD
Sample : M4940-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 06:16:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	1221174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2250586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2547674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1164017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	958968	50.860	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.720%			
35) Dibromofluoromethane	8.024	113	691636	49.062	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.120%			
50) Toluene-d8	10.440	98	2976074	52.576	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.731	95	1302688	63.525	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.366	59	53997m	15.150	ug/l	
16) Acetone	4.288	43	95402	8.411	ug/l #	86
25) 2-Butanone	7.337	43	19695	1.278	ug/l #	83
31) Cyclohexane	8.096	56	265305	10.111	ug/l #	89
39) Methylcyclohexane	9.459	83	115148	4.518	ug/l #	85
40) Benzene	8.461	78	3753378	57.314	ug/l	98
52) Toluene	10.505	92	39491	0.988	ug/l	97
55) 1,1,2-Trichloroethane	10.878	97	46995	2.913	ug/l #	19
67) Ethyl Benzene	11.846	91	628367	6.693	ug/l	96
68) m/p-Xylenes	11.956	106	133628	3.909	ug/l	93
69) o-Xylene	12.277	106	13570	0.394	ug/l	87
73) Isopropylbenzene	12.578	105	856177	8.267	ug/l	99
78) n-propylbenzene	12.918	91	2554289	22.164	ug/l	95
83) tert-Butylbenzene	13.323	119	15538	0.211	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	327533	4.126	ug/l	98
85) sec-Butylbenzene	13.500	105	193110	1.929	ug/l #	74
95) Naphthalene	15.504	128	211688	7.410	ug/l	99

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

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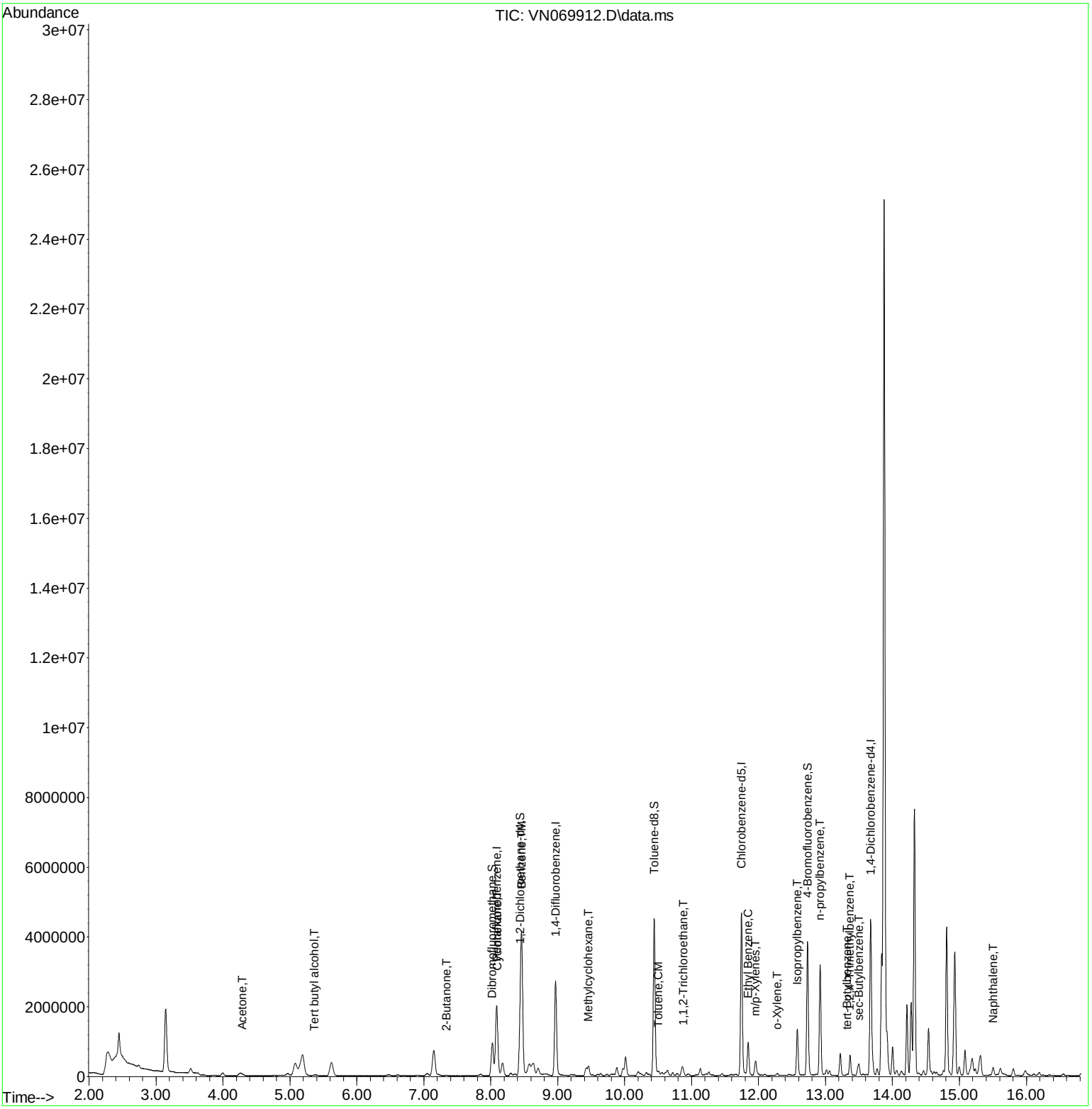
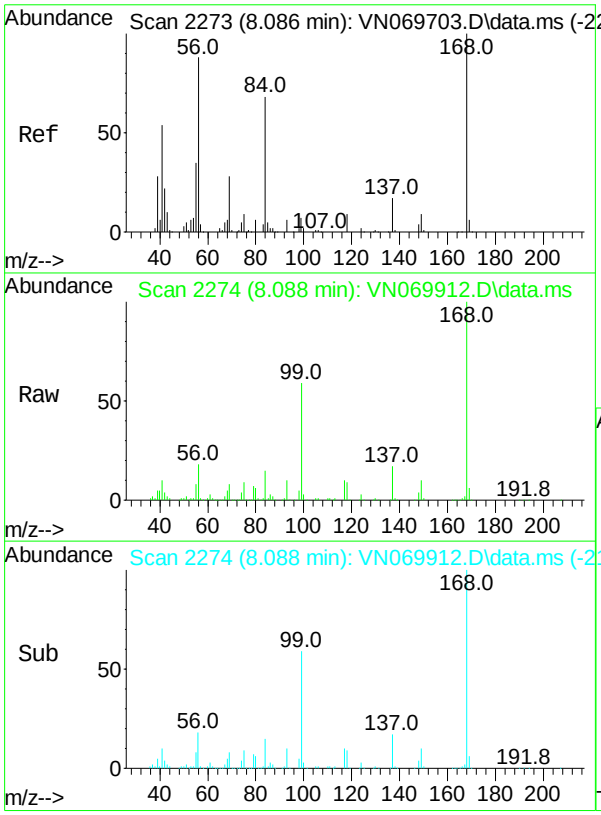
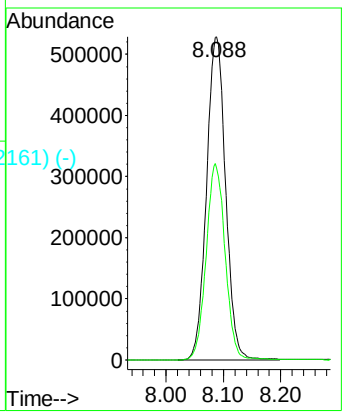




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:168 Resp: 122117

Ion	Ratio	Lower	Upper
168	100		
99	59.4	41.3	61.9



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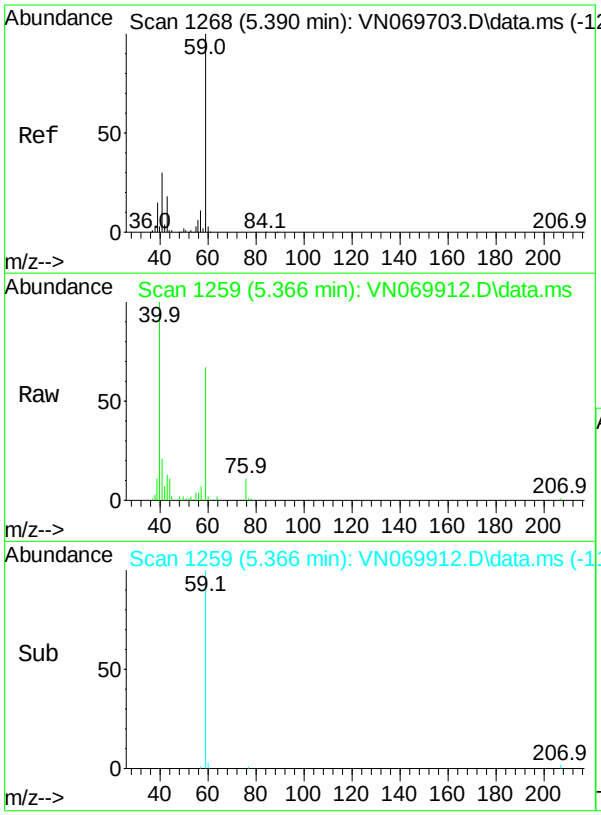
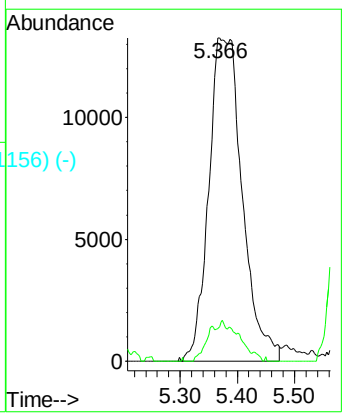
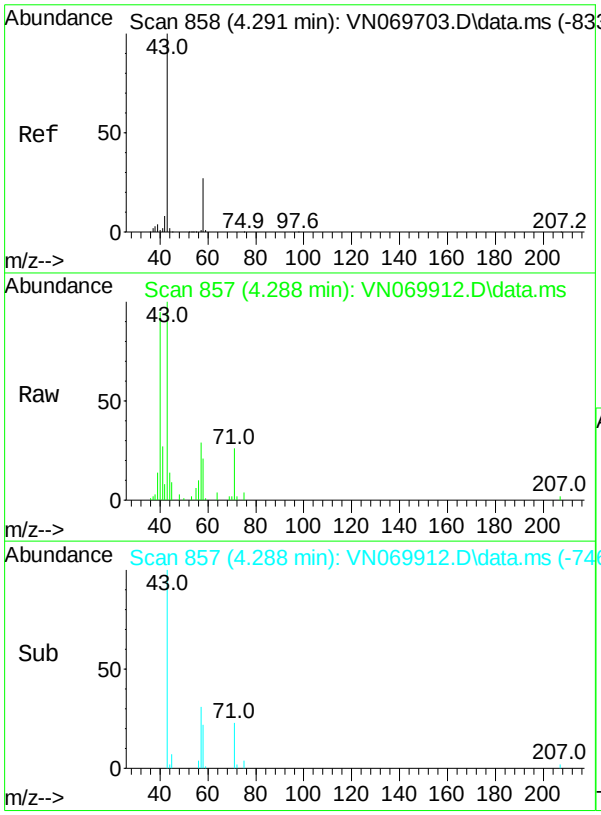


#51
Tert butyl alcohol
Concen: 15.150 ug/l m
RT: 5.366 min Scan# 1259
Delta R.T. -0.024 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 59 Resp: 53997

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#





#16
Acetone
Concen: 8.411 ug/l
RT: 4.288 min Scan# 8
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
58	21.4	23.1	34.7

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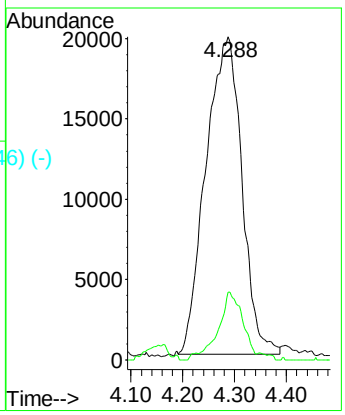
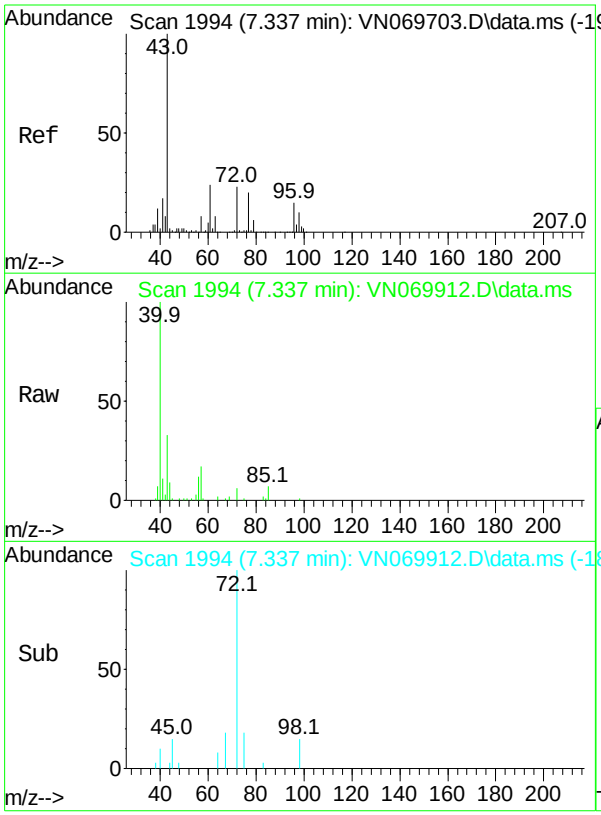
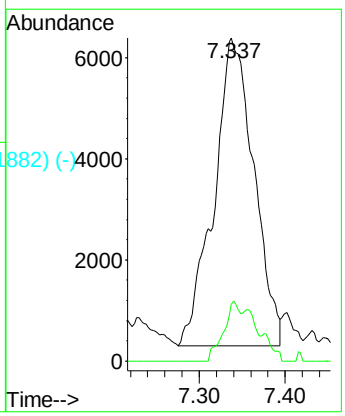


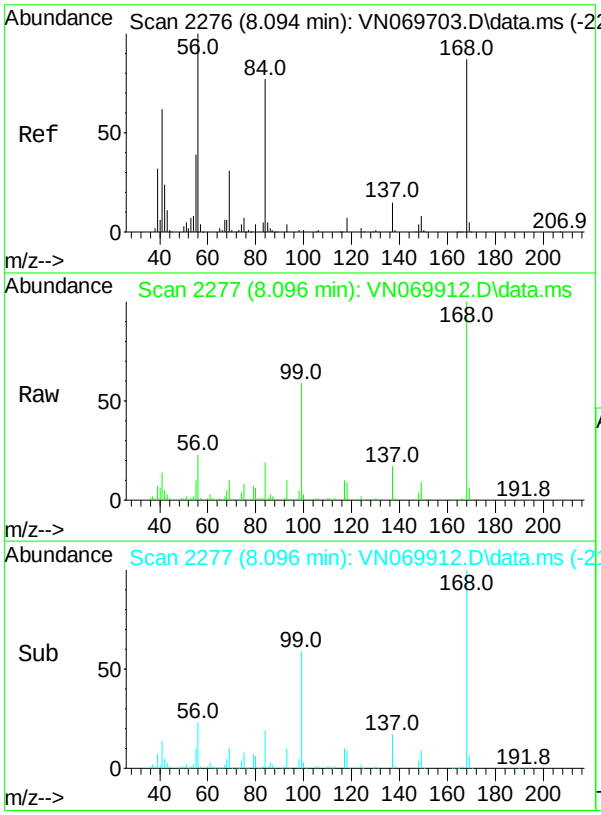


#25
2-Butanone
Concen: 1.278 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 43 Resp: 19695

Ion	Ratio	Lower	Upper
43	100		
72	18.5	21.7	32.5#

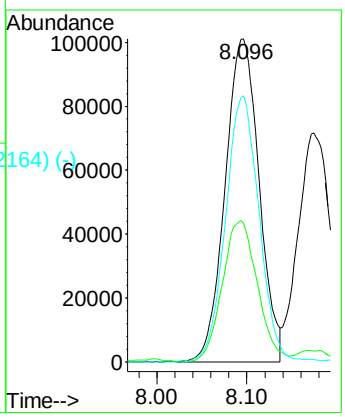




#31
Cyclohexane
Concen: 10.111 ug/l
RT: 8.096 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 56 Resp: 26530

Ion	Ratio	Lower	Upper
56	100		
69	42.7	27.1	40.7
84	82.4	73.4	110.0



Instrument :
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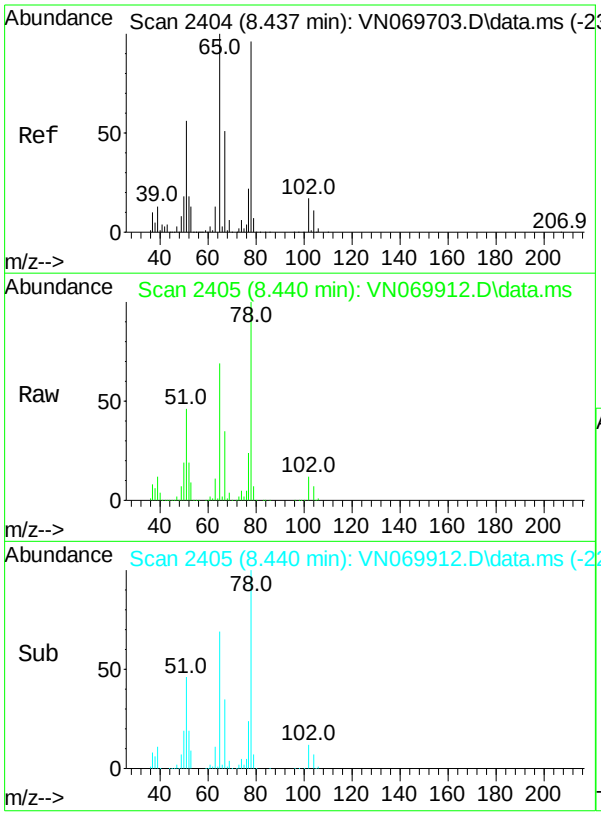
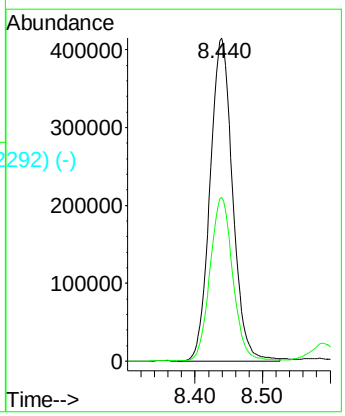
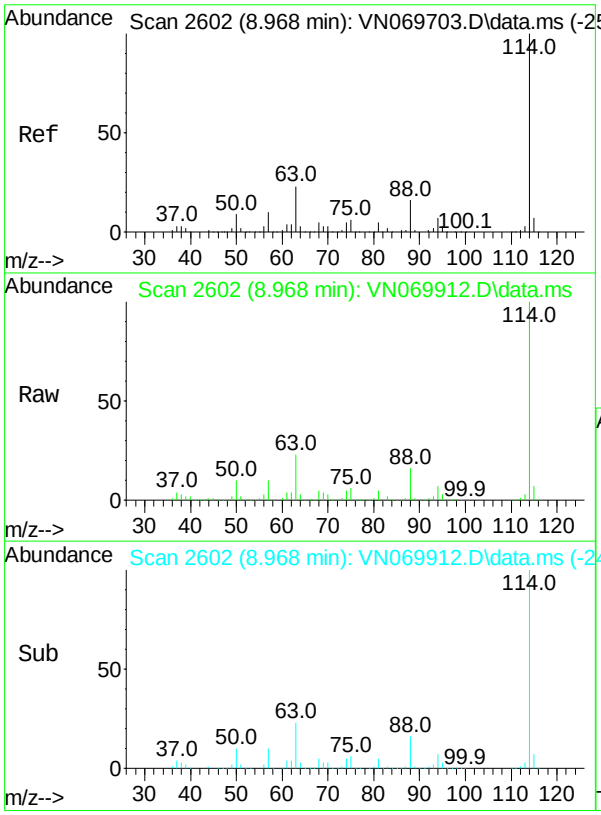


#33
1,2-Dichloroethane-d4
Concen: 50.860 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 65 Resp: 958968

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:114 Resp: 225058

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.3	0.0	27.4

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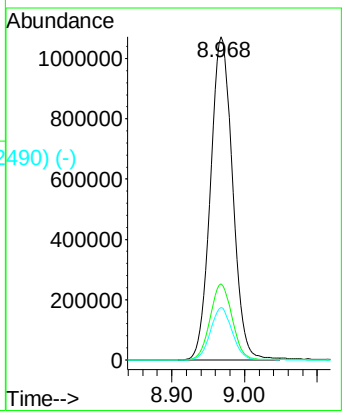
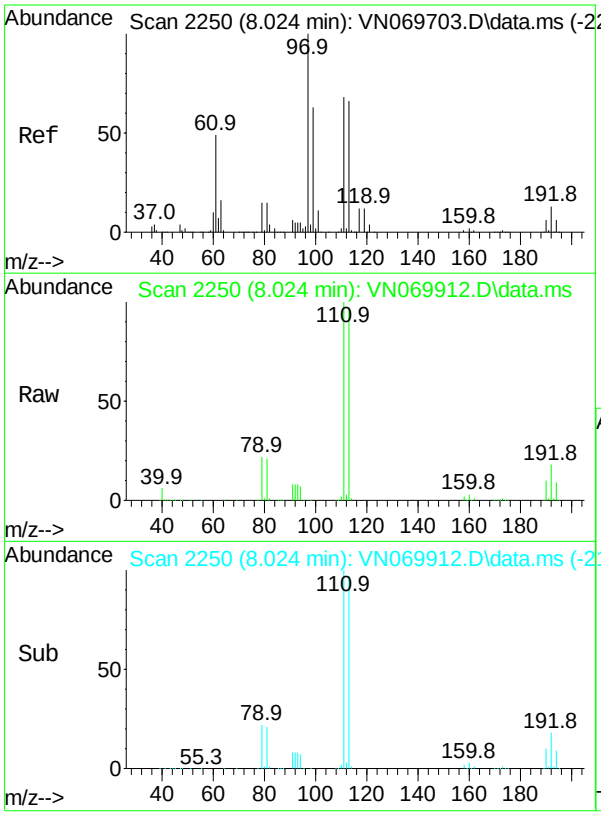
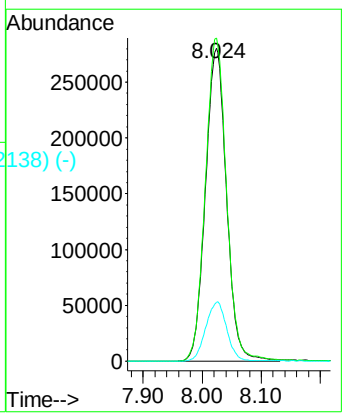


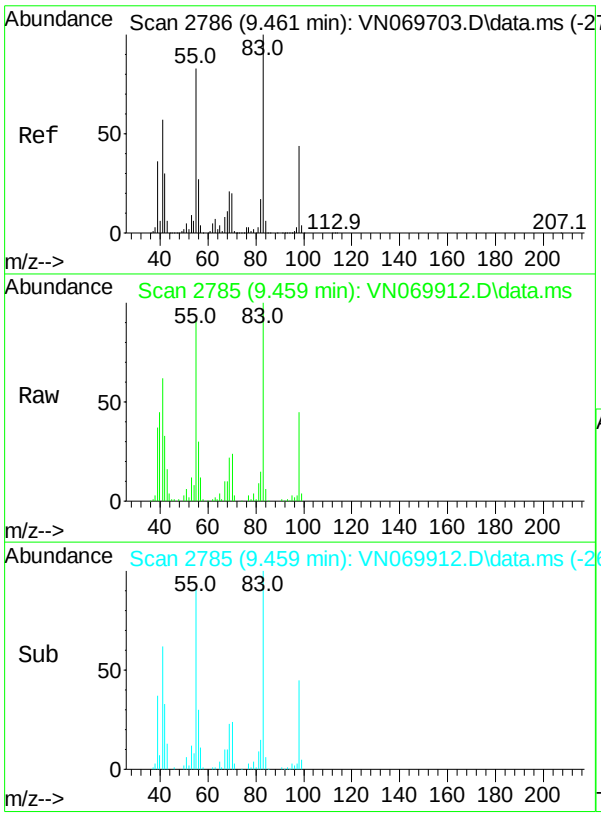


#35
Dibromofluoromethane
Concen: 49.062 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:113 Resp: 691636

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	18.9	16.9	25.3





#39
Methylcyclohexane
Concen: 4.518 ug/l
RT: 9.459 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 83 Resp: 11514

Ion	Ratio	Lower	Upper
83	100		
55	90.7	58.1	87.1
98	45.0	38.4	57.6

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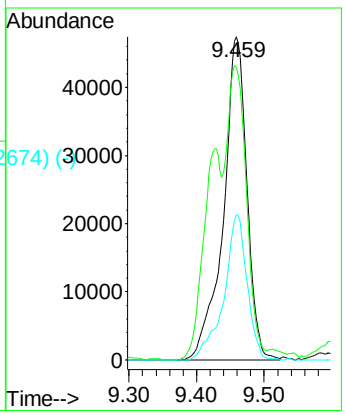
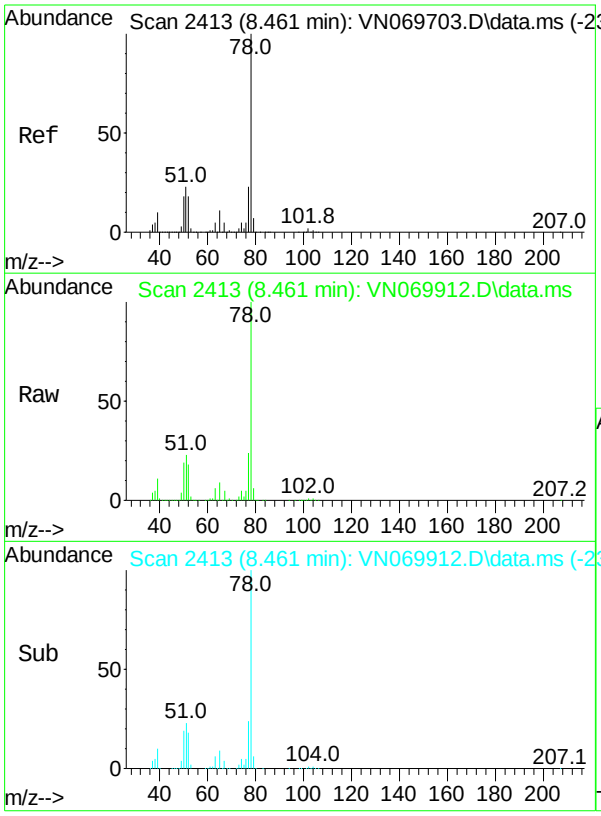
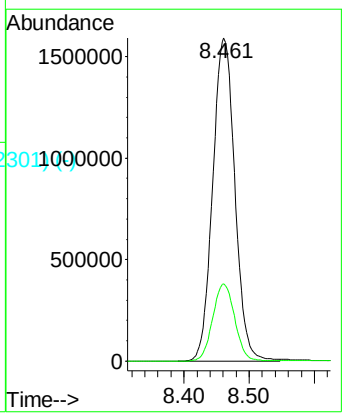


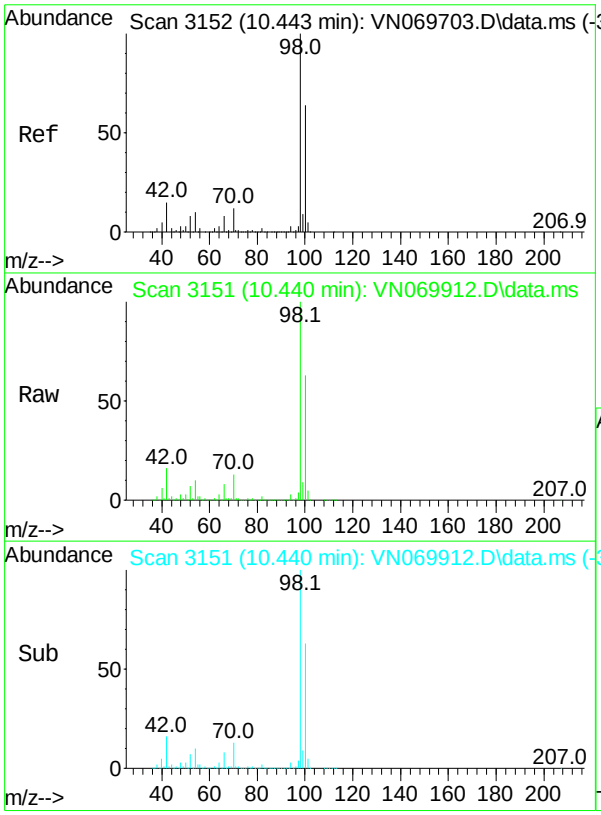


#40
Benzene
Concen: 57.314 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 78 Resp: 3753378

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8





#50
Toluene-d8
Concen: 52.576 ug/l
RT: 10.440 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 98 Resp: 29760

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.4	75.6

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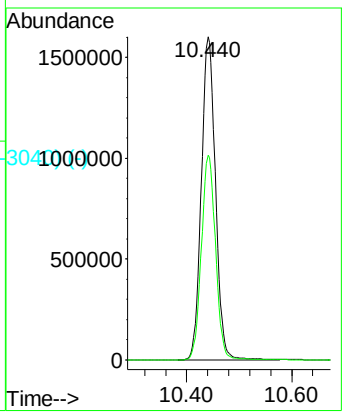
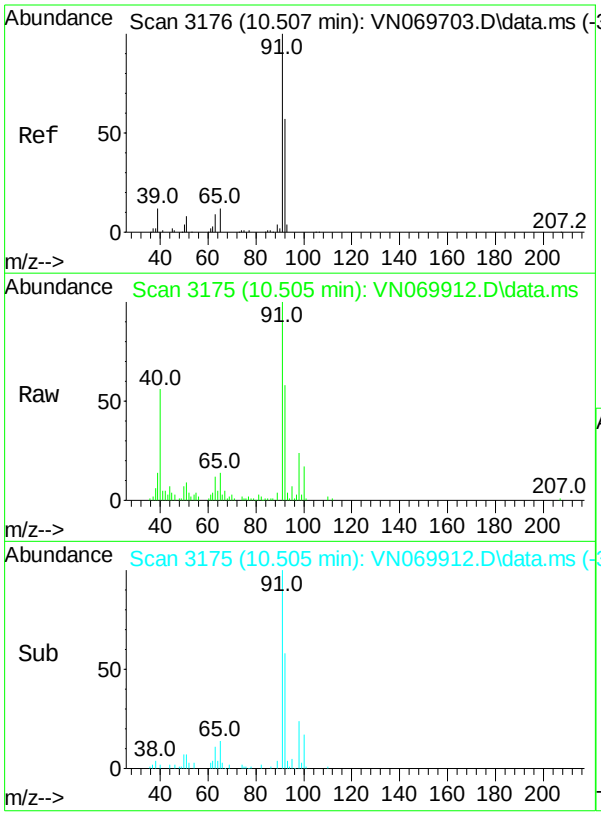
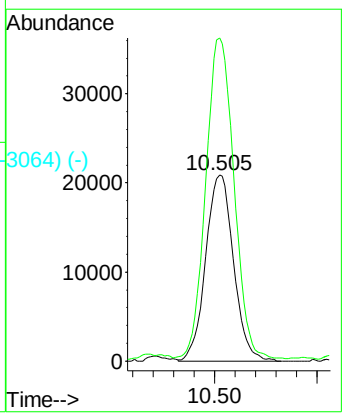


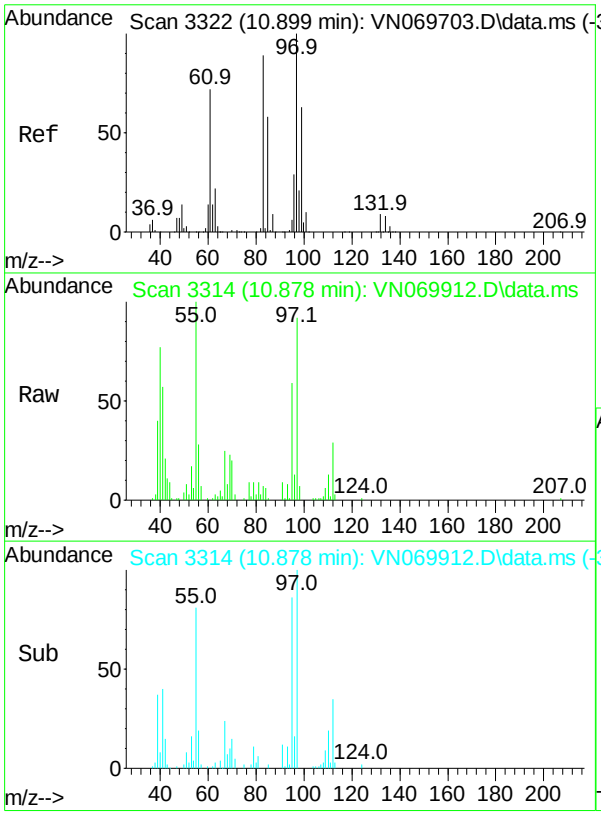


#52
Toluene
Concen: 0.988 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 92 Resp: 39491

Ion	Ratio	Lower	Upper
92	100		
91	173.5	142.0	213.0

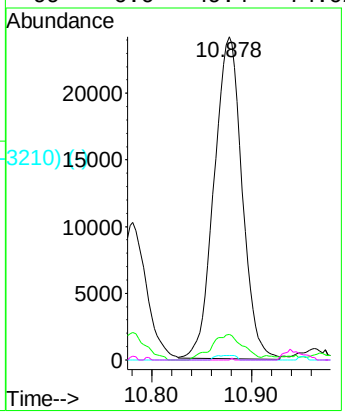




#55
1,1,2-Trichloroethane
Concen: 2.913 ug/l
RT: 10.878 min Scan# 1
Delta R.T. -0.021 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 97 Resp: 469

Ion	Ratio	Lower	Upper
97	100		
83	8.0	67.8	101.6
85	1.4	45.4	68.2
99	0.0	49.4	74.0#



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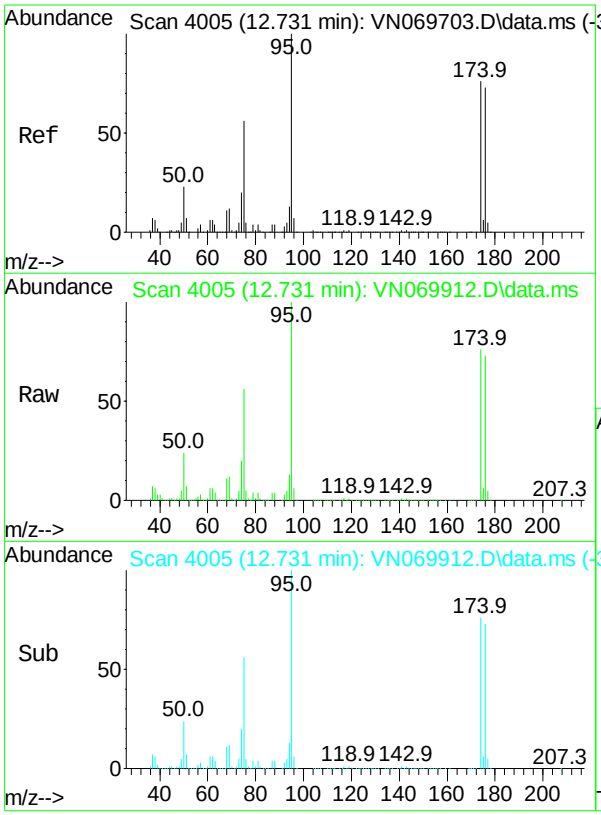
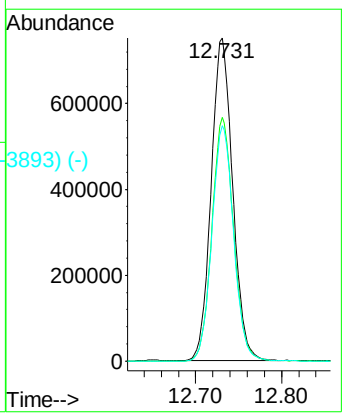
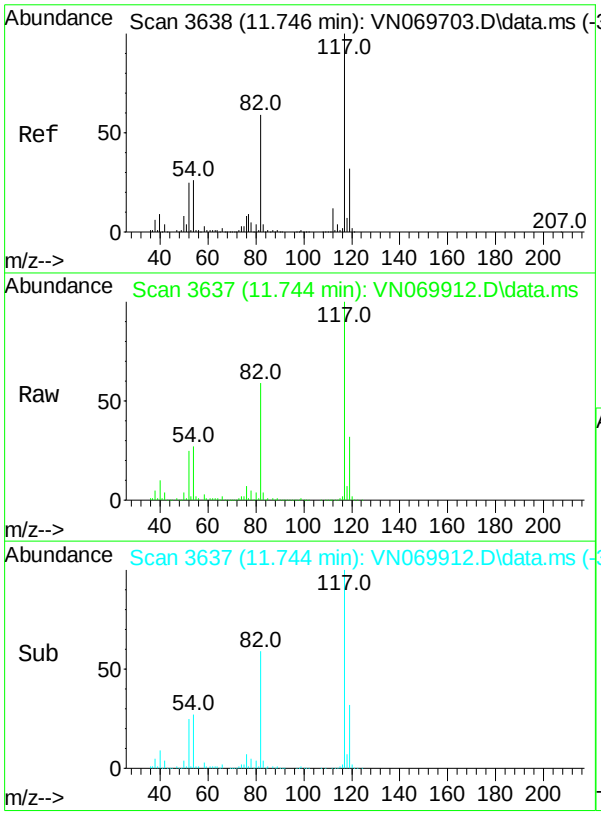


#62
4-Bromofluorobenzene
Concen: 63.525 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 95 Resp: 1302688

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	187.2
176	73.7	0.0	181.4

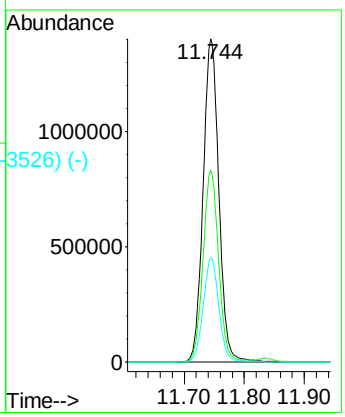




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:117 Resp: 254767

Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	32.2	25.4	38.2



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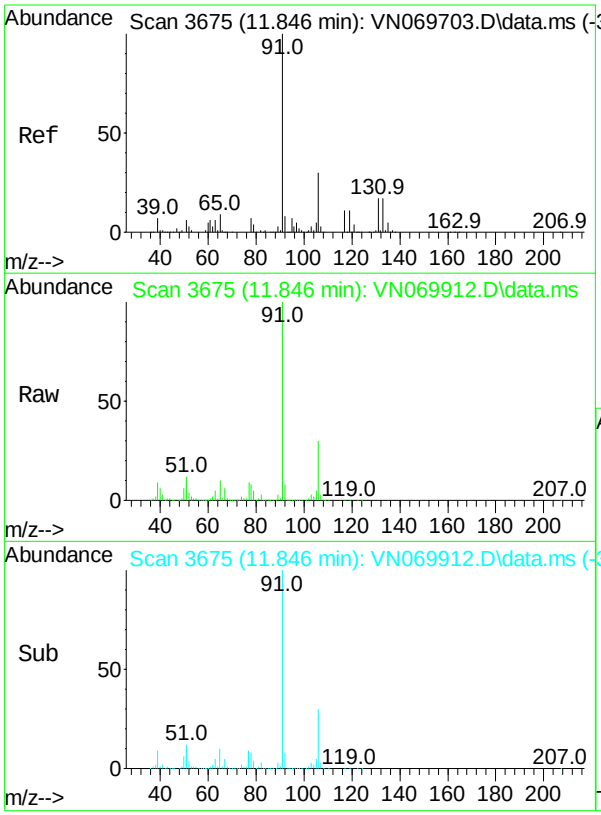
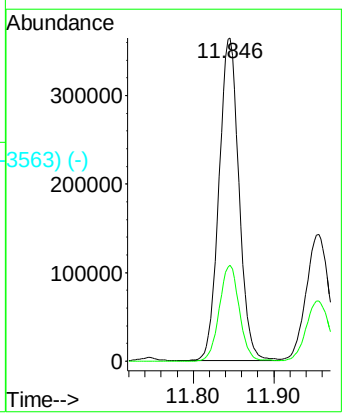
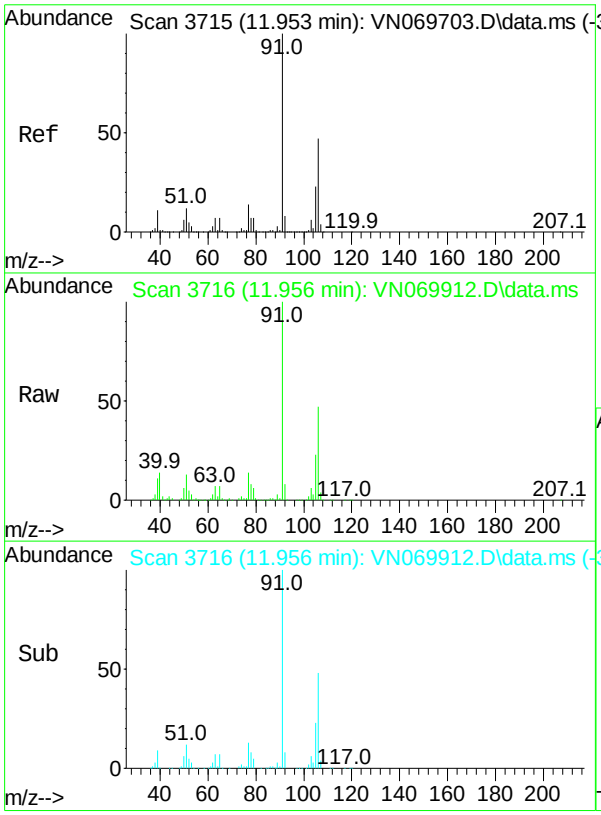


#67
Ethyl Benzene
Concen: 6.693 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 91 Resp: 628367

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.7	38.5





#68
m/p-Xylenes
Concen: 3.909 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:106 Resp: 1336

Ion	Ratio	Lower	Upper
106	100		
91	212.0	160.6	240.8

Instrument :
MSVOA_N
ClientSampleId :
MW-16

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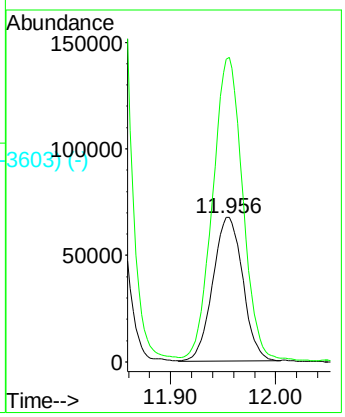
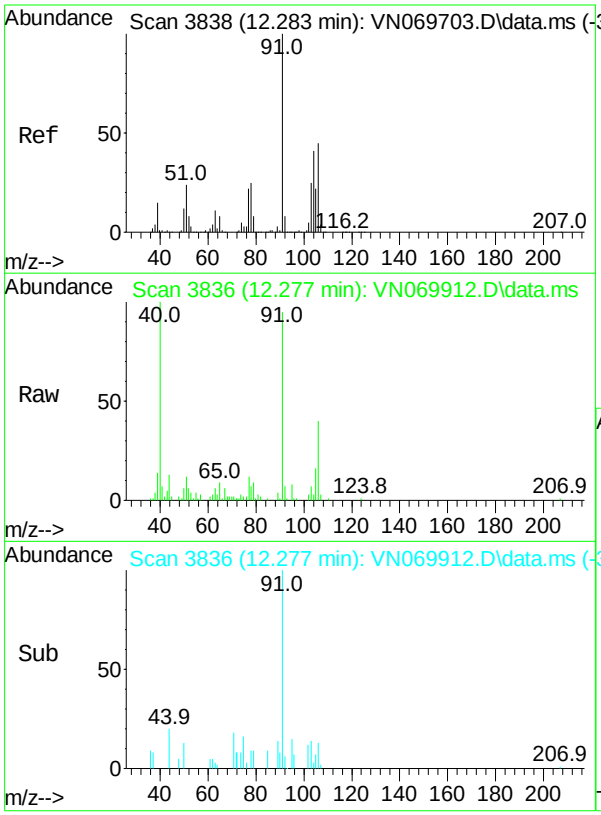
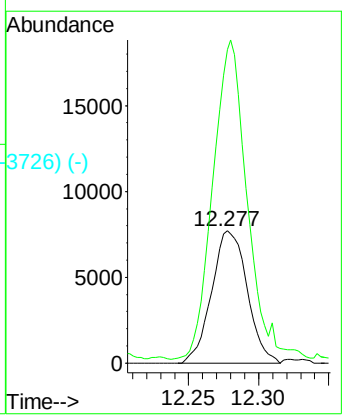


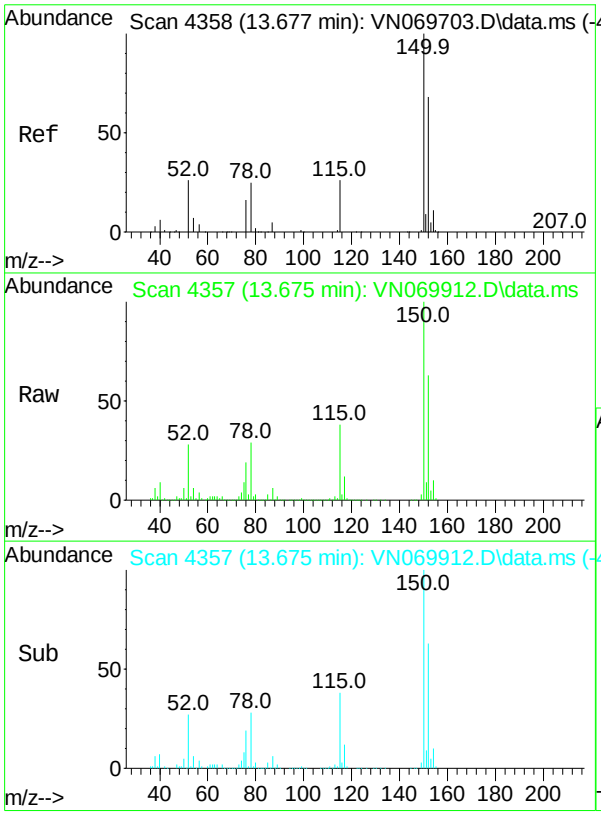


#69
o-Xylene
Concen: 0.394 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:106 Resp: 13570

Ion	Ratio	Lower	Upper
106	100		
91	232.7	105.8	317.3

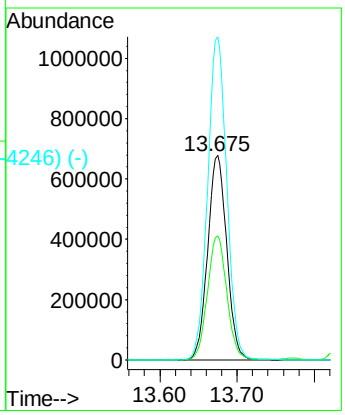




#32
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:152 Resp: 11640

Ion	Ratio	Lower	Upper
152	100		
115	61.3	27.5	82.5
150	158.3	0.0	344.4



Instrument :
MSVOA_N
ClientSampleId :
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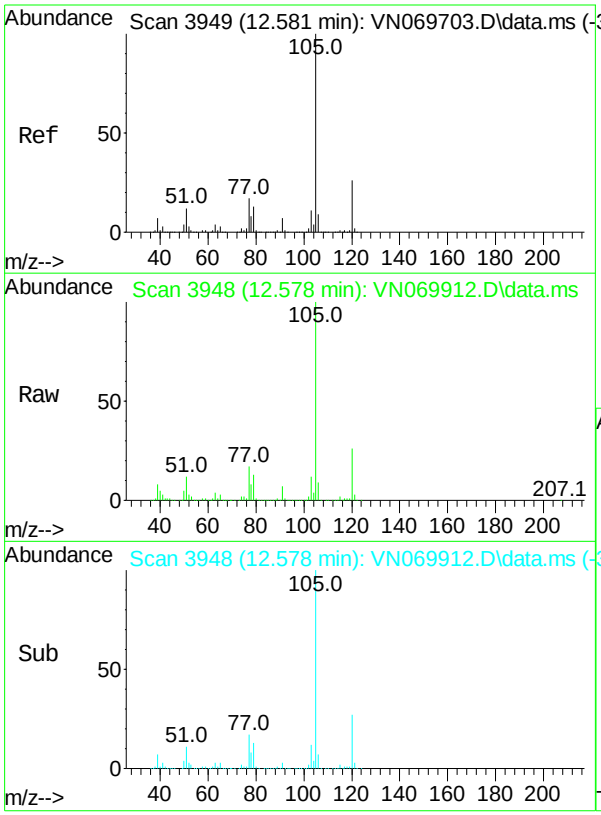
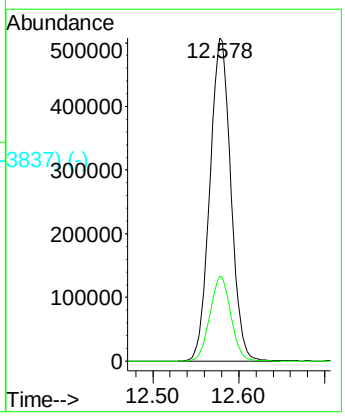
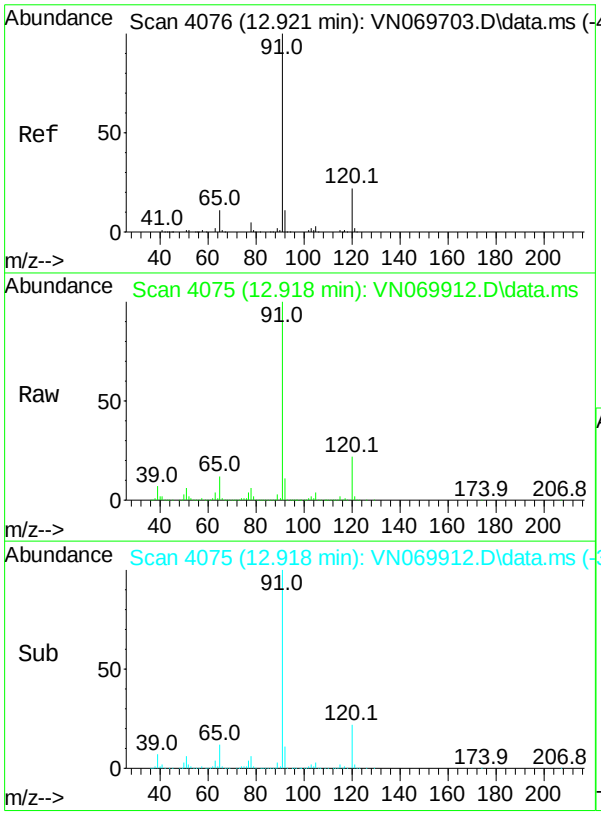


#33
Isopropylbenzene
Concen: 8.267 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:105 Resp: 856177

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.4	40.1





#79
n-propylbenzene
Concen: 22.164 ug/l
RT: 12.918 min Scan# 4
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion: 91 Resp: 25542

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.9	35.9

Instrument :
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MW-16

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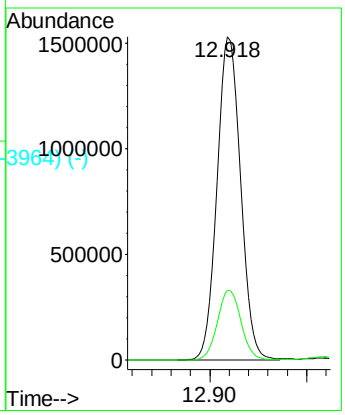
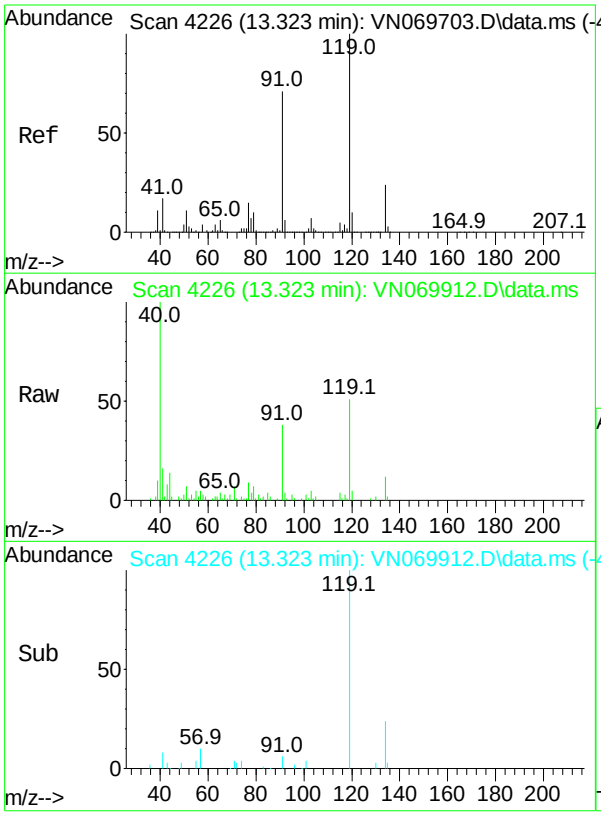
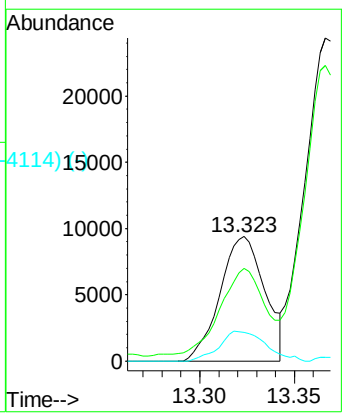


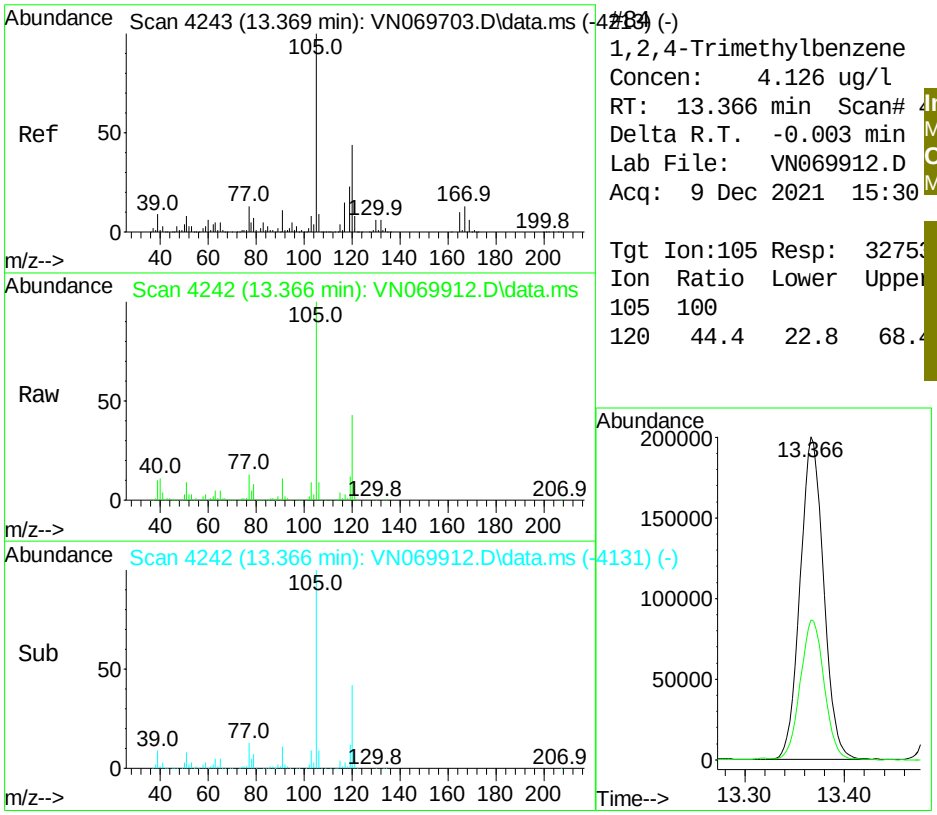


#83
tert-Butylbenzene
Concen: 0.211 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:119 Resp: 15538

Ion	Ratio	Lower	Upper
119	100		
91	71.7	31.5	94.5
134	24.8	12.4	37.4





#34
1,2,4-Trimethylbenzene
Concen: 4.126 ug/l
RT: 13.366 min Scan# 4
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:105 Resp: 3275

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.8	68.4

Instrument :
MSVOA_N
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MW-16

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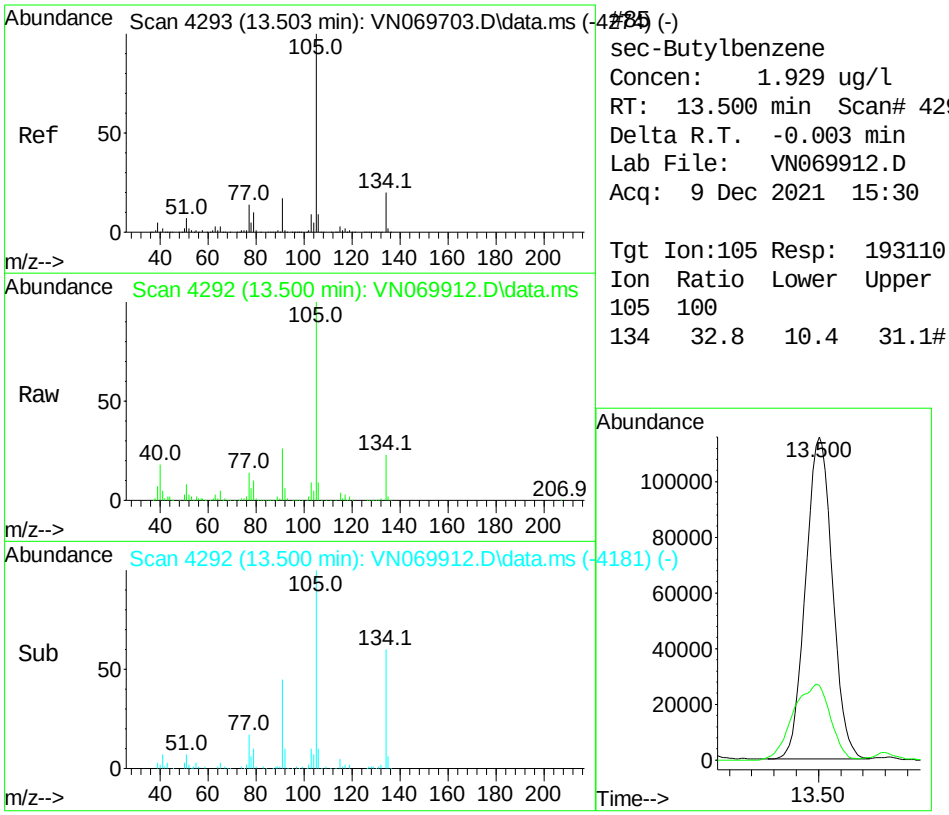
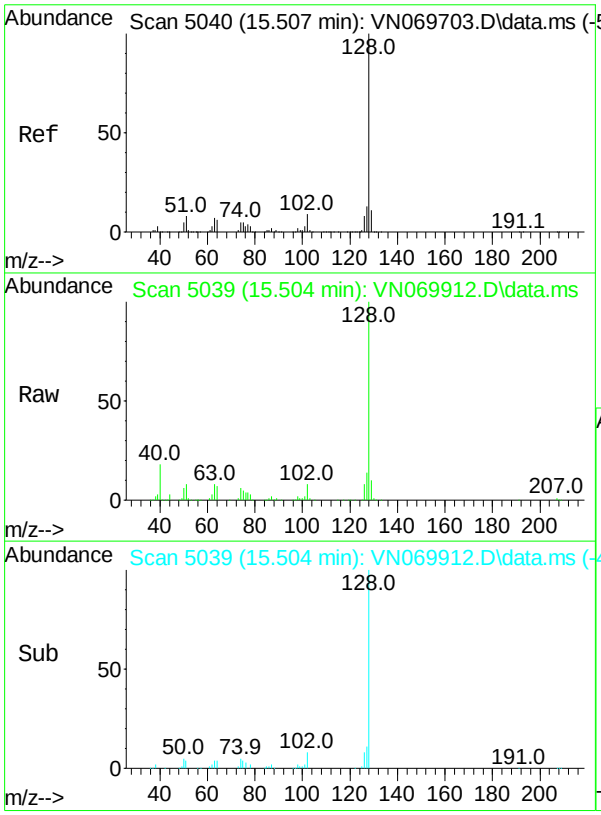


#35
sec-Butylbenzene
Concen: 1.929 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:105 Resp: 193110

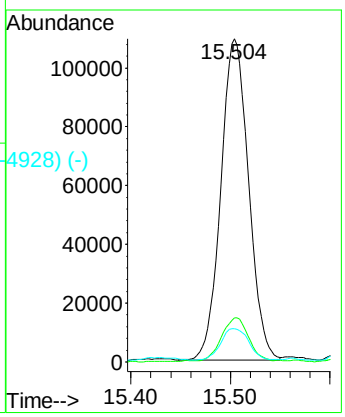
Ion	Ratio	Lower	Upper
105	100		
134	32.8	10.4	31.1#



#95
Naphthalene
Concen: 7.410 ug/l
RT: 15.504 min Scan# 5
Delta R.T. -0.003 min
Lab File: VN069912.D
Acq: 9 Dec 2021 15:30

Tgt Ion:128 Resp: 21168

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.0	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
MW-16

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