

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064804.D
 Acq On : 24 Nov 2020 12:38
 Operator : JC/MD
 Sample : L4829-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

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 11/25/2020 3:57:12 PM

Quant Time: Nov 25 04:40:01 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	7.63	168	180239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	312834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	331382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	100715	48.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.12%
35) Dibromofluoromethane	7.55	113	93611	50.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.02%
50) Toluene-d8	10.06	98	400521	52.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.74%
62) 4-Bromofluorobenzene	12.37	95	169640	61.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.96%

Target Compounds

						Qvalue
16) Acetone	3.78	43	10652	15.464	ug/l #	79
31) Cyclohexane	7.61	56	57745	19.772	ug/l	86
39) Methylcyclohexane	9.05	83	68749	22.024	ug/l	96
40) Benzene	8.00	78	600574	67.590	ug/l	98
52) Toluene	10.12	92	142626	26.064	ug/l	97
67) Ethyl Benzene	11.48	91	5498230	462.490	ug/l #	87
68) m/p-Xylenes	11.60	106	464368	103.170	ug/l	100
69) o-Xylene	11.92	106	170529	39.925	ug/l	99
73) Isopropylbenzene	12.22	105	293645	24.883	ug/l	100
78) n-propylbenzene	12.56	91	663102	49.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.66	105	229418	23.388	ug/l	71
83) tert-Butylbenzene	12.97	119	3827m	0.465	ug/l	
84) 1,2,4-Trimethylbenzene	13.01	105	4865219	490.558	ug/l	95
85) sec-Butylbenzene	13.14	105	69536m	6.370	ug/l	
86) p-Isopropyltoluene	13.26	119	43424	4.369	ug/l #	78
89) n-Butylbenzene	13.59	91	139316	15.962	ug/l #	73
95) Naphthalene	15.10	128	2520785	245.064	ug/l	100

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

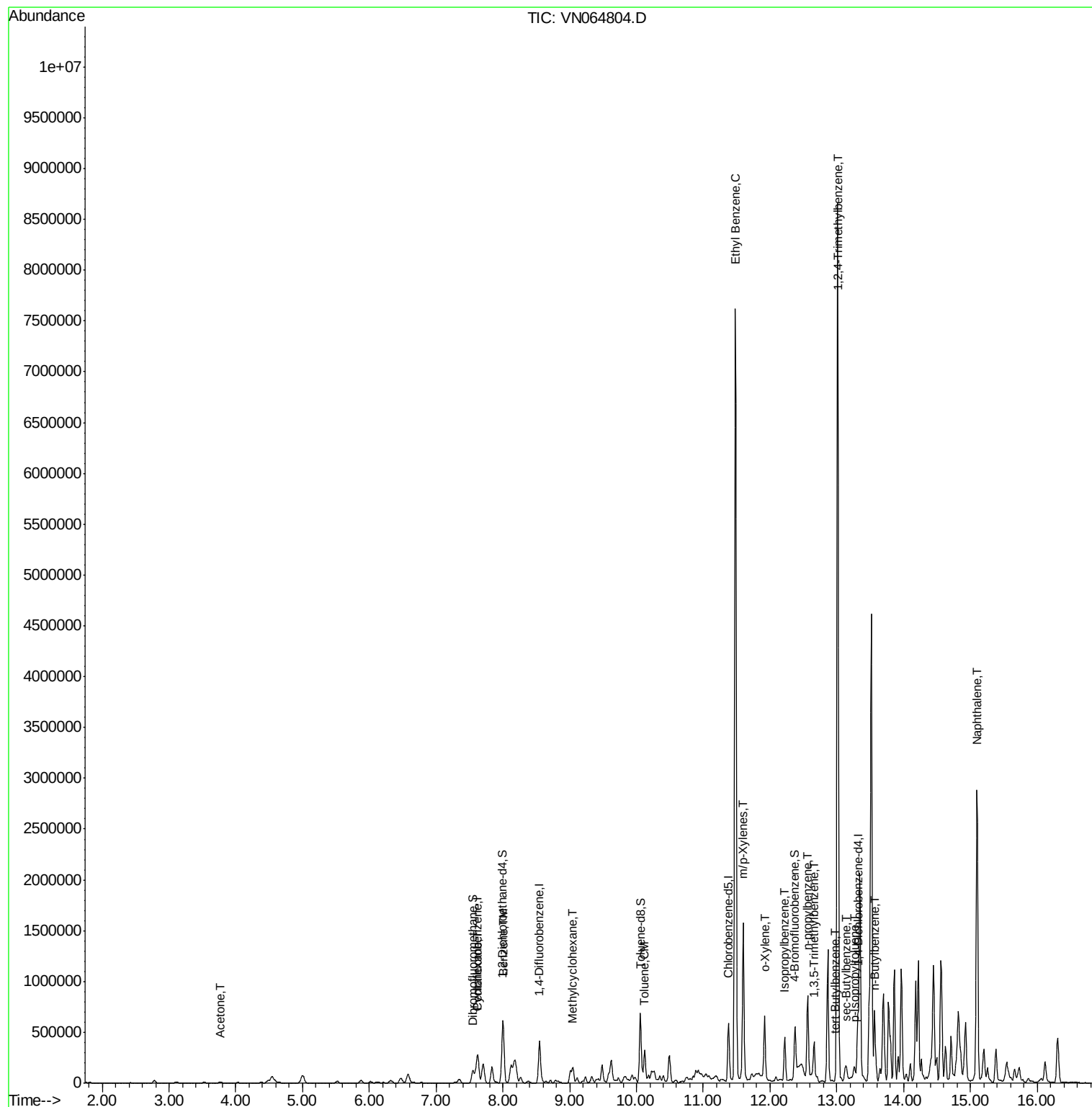
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
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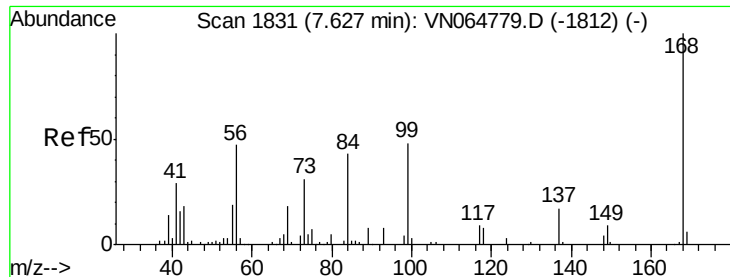
Instrument :
MSVOA_N
ClientSampleId :
MW-3

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Quant Time: Nov 25 04:40:01 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:168 Resp: 180239

Ion Ratio Lower Upper

168 100

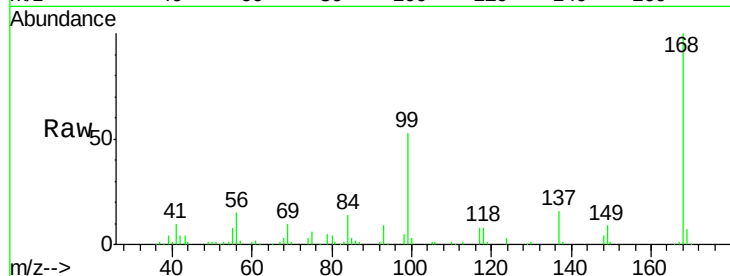
99 53.5 43.0 64.4

Manual Integrations

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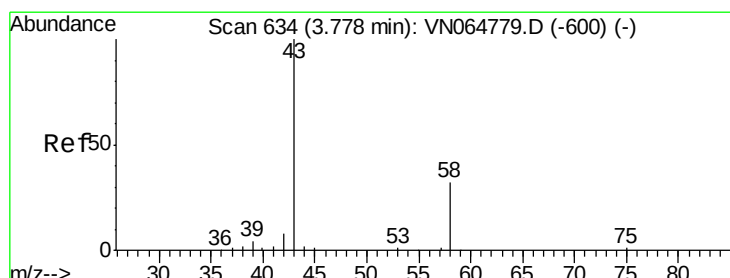
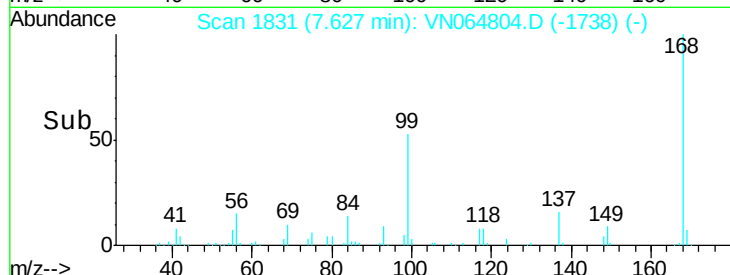
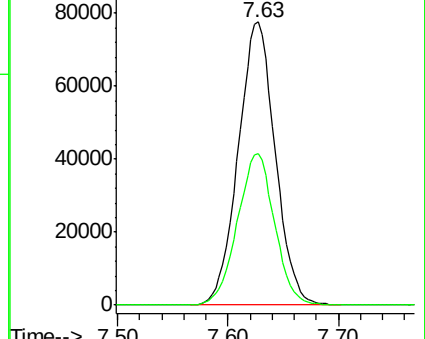
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 15.464 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064804.D

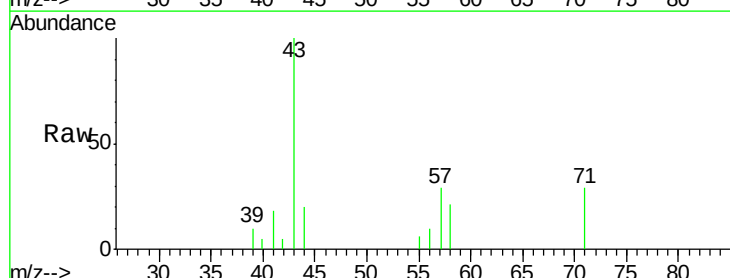
Acq: 24 Nov 2020 12:38

Tgt Ion: 43 Resp: 10652

Ion Ratio Lower Upper

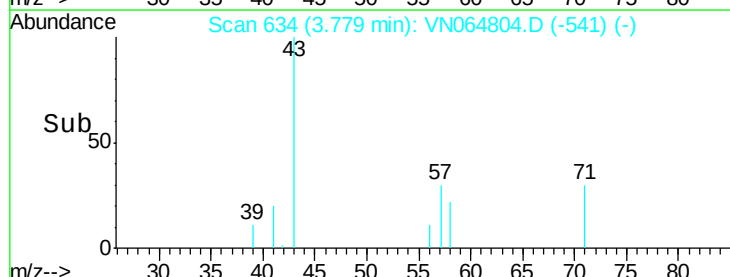
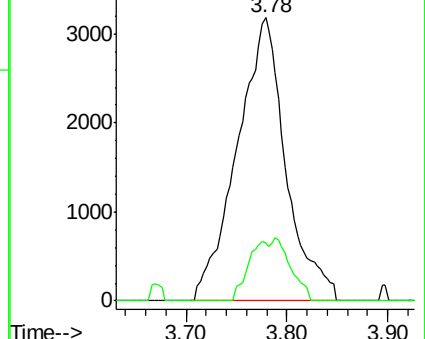
43 100

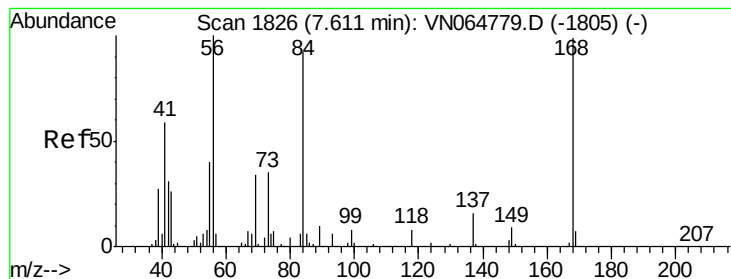
58 20.6 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#31

Cyclohexane

Concen: 19.772 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3

Tot Ion: 56 Resp: 57745

Ion Ratio Lower Upper

56 100

69 31.5 27.5 41.3

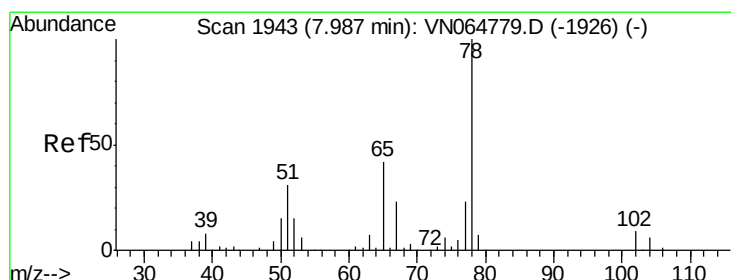
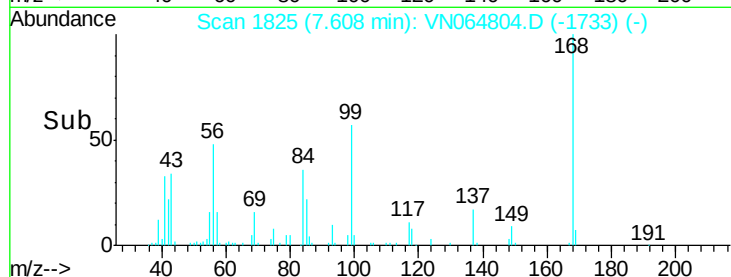
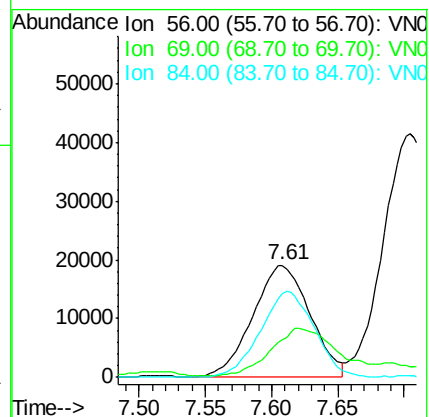
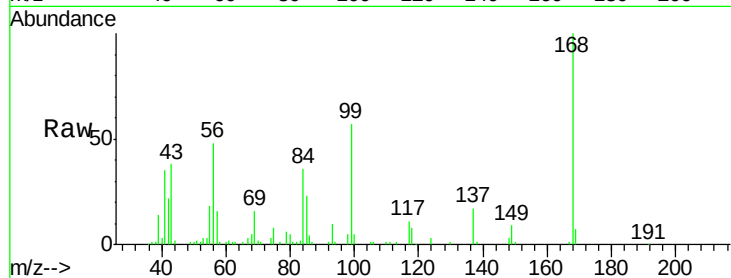
84 75.3 73.9 110.9

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#33

1,2-Dichloroethane-d4

Concen: 48.065 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064804.D

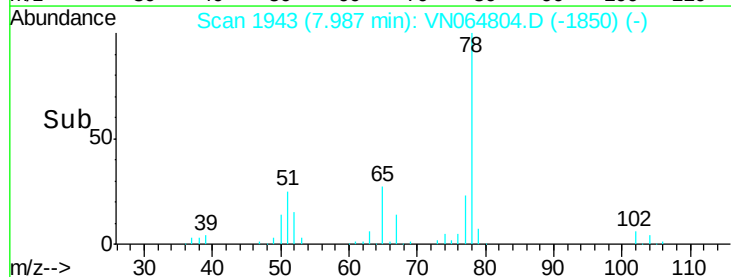
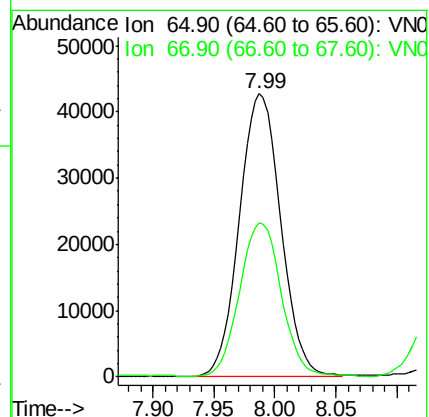
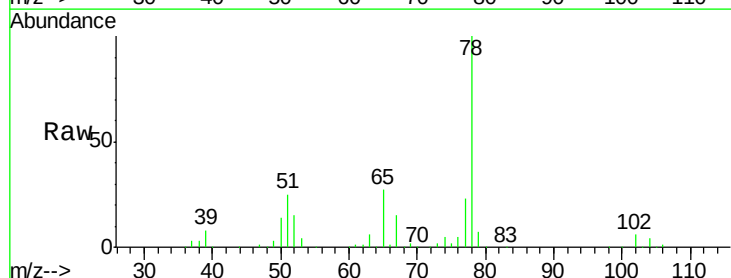
Acq: 24 Nov 2020 12:38

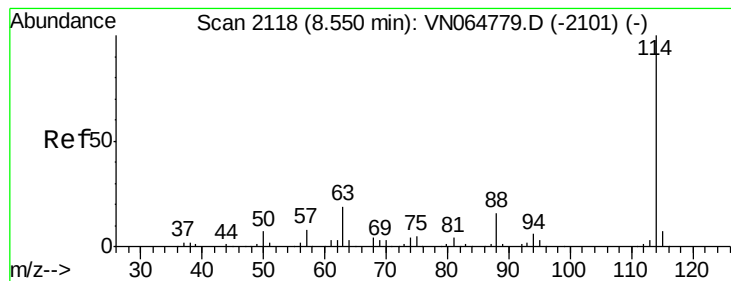
Tgt Ion: 65 Resp: 100715

Ion Ratio Lower Upper

65 100

67 55.0 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: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

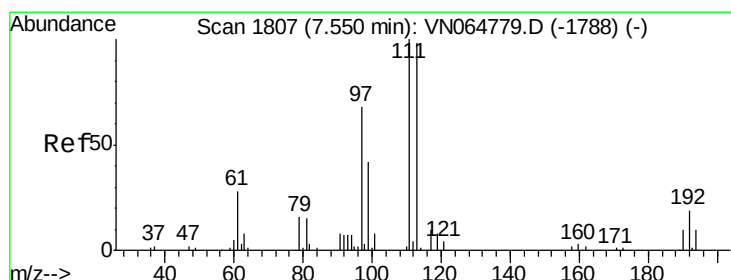
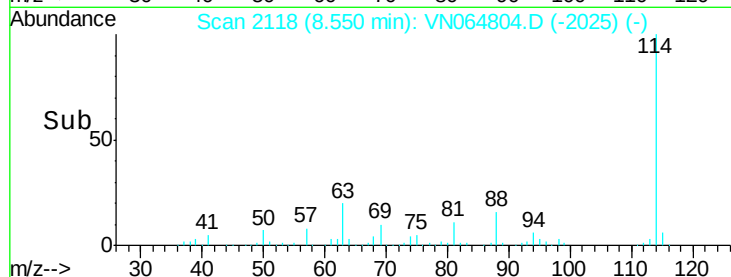
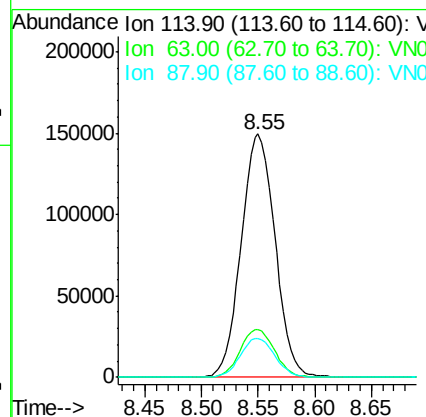
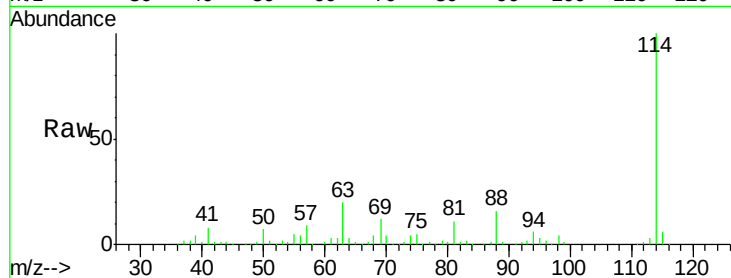
ClientSampled :

MW-3

Tot Ion:	114	Resp:	312834
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	38.6
88	16.2	0.0	32.6

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#35

Dibromofluoromethane

Concen: 50.009 ug/l

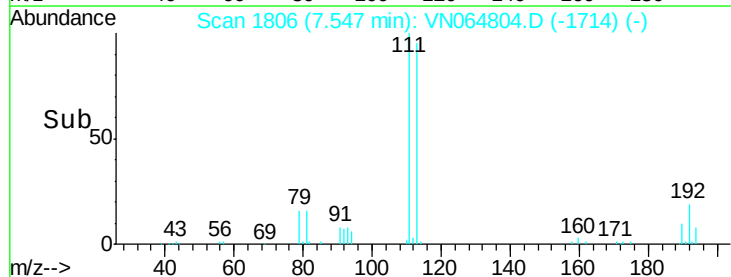
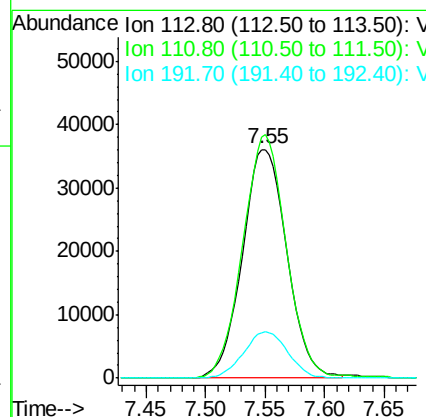
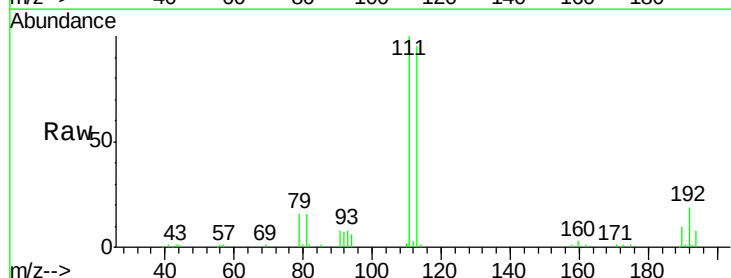
RT: 7.55 min Scan# 1806

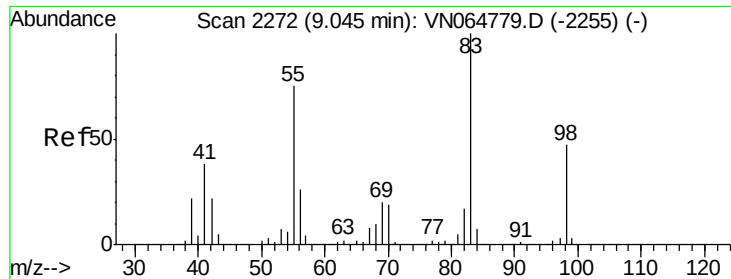
Delta R.T. -0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Tgt Ion:	113	Resp:	93611
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	20.1	16.2	24.2





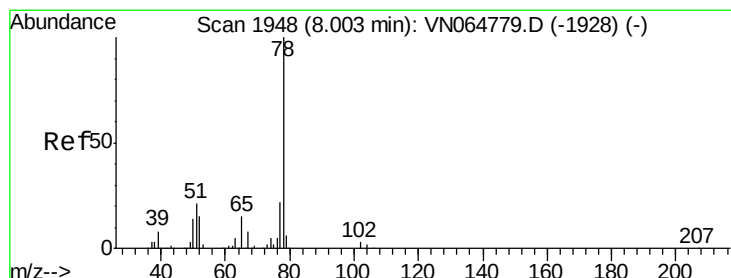
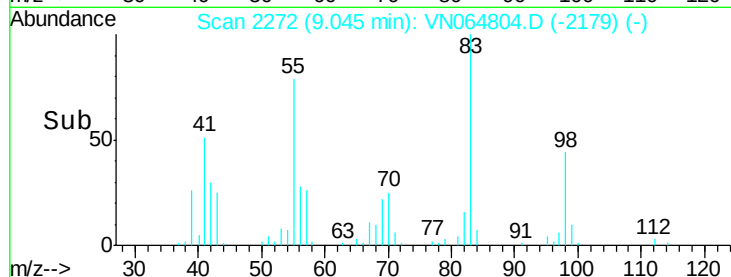
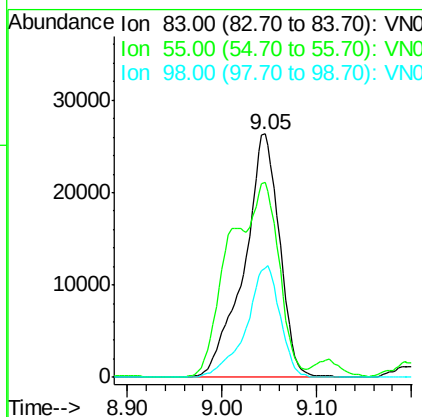
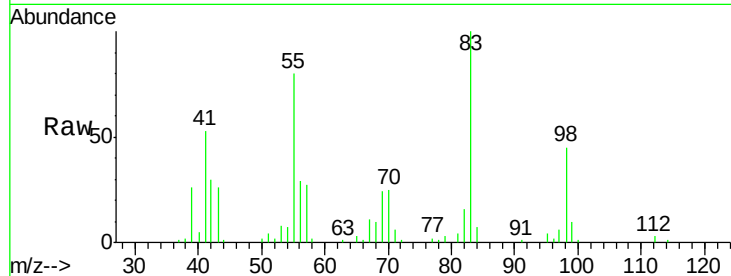
#39
Methylvlcyclohexane
Concen: 22.024 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion	83.00	Resp	68749
Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.2	90.2
98	45.1	37.4	56.2

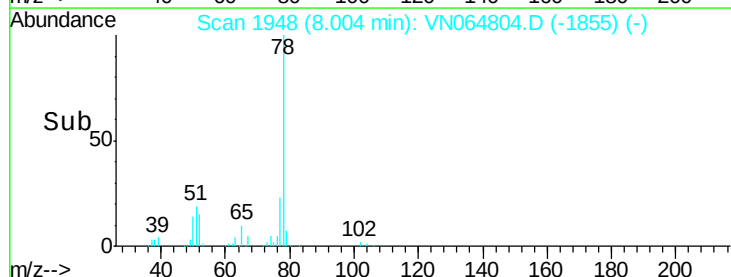
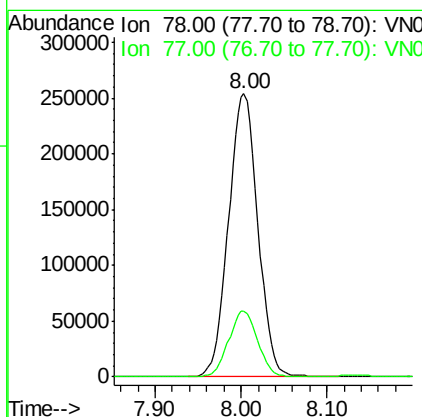
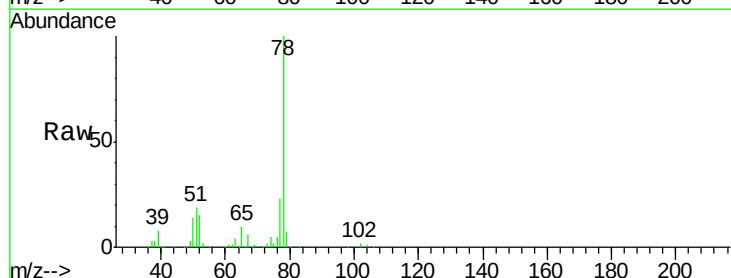
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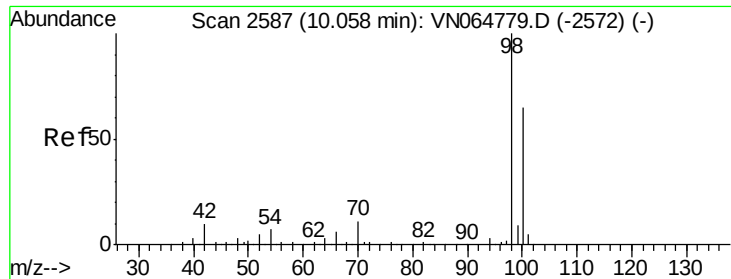
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#40
Benzene
Concen: 67.590 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion	78.00	Resp	600574
Ion	Ratio	Lower	Upper
78	100		
77	23.2	17.9	26.9





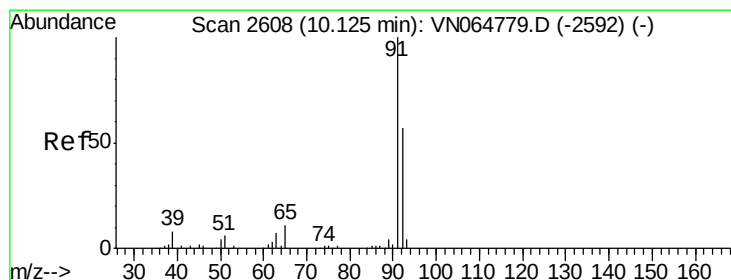
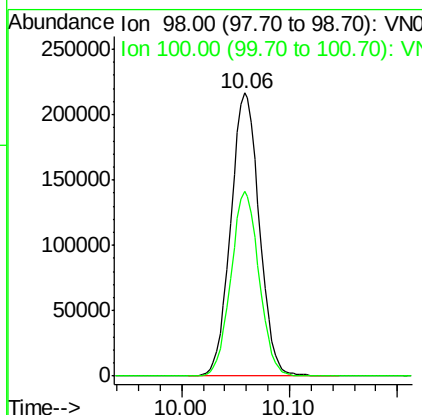
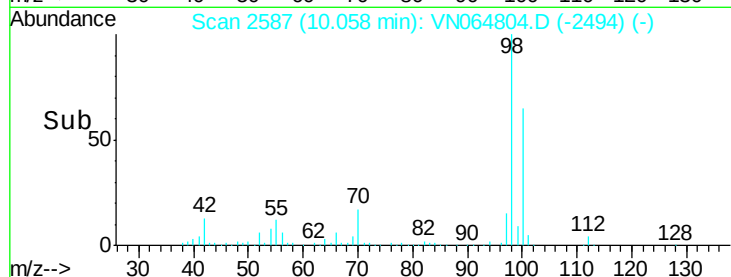
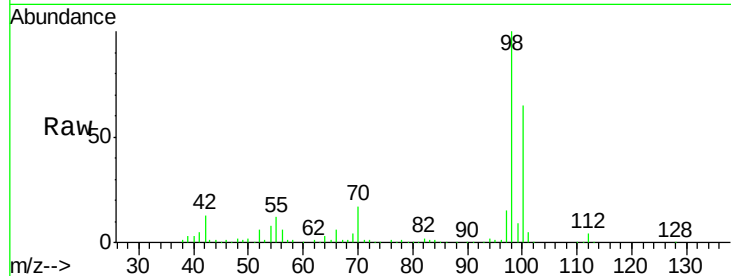
#50
Toluene-d8
Concen: 52.366 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 98 Resp: 400521
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

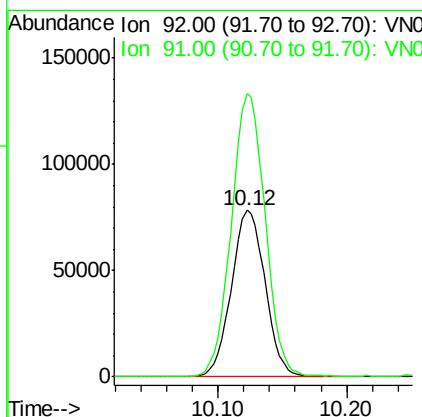
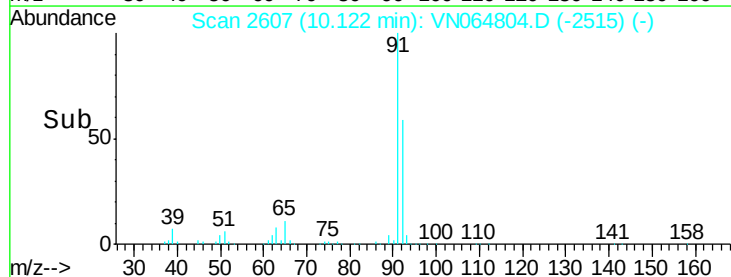
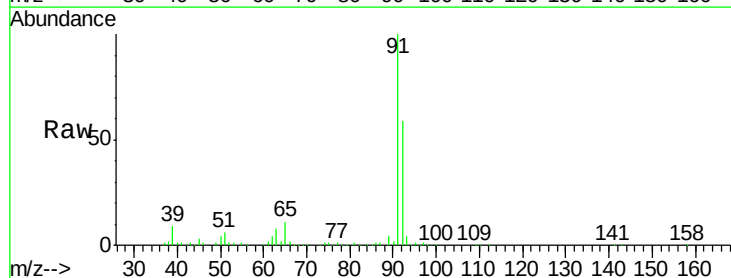
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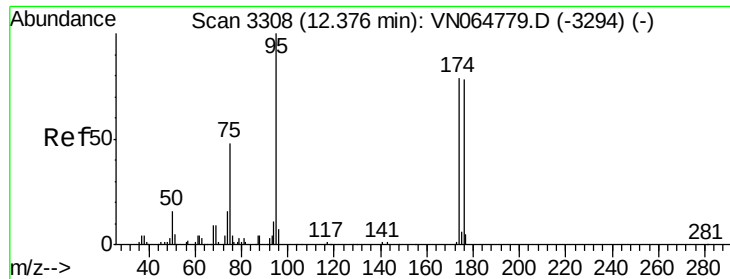
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#52
Toluene
Concen: 26.064 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 92 Resp: 142626
Ion Ratio Lower Upper
92 100
91 169.8 139.1 208.7





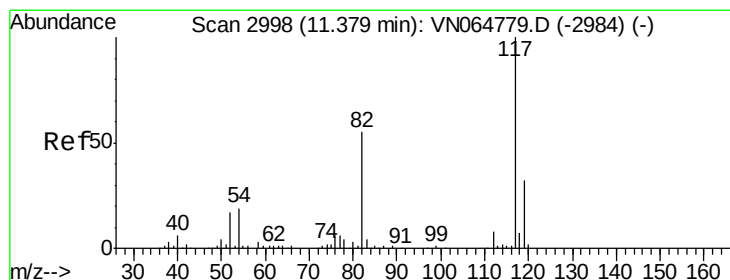
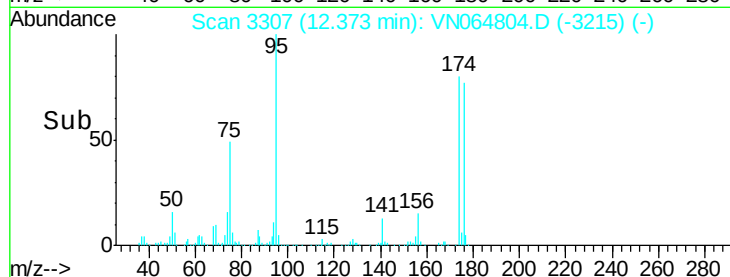
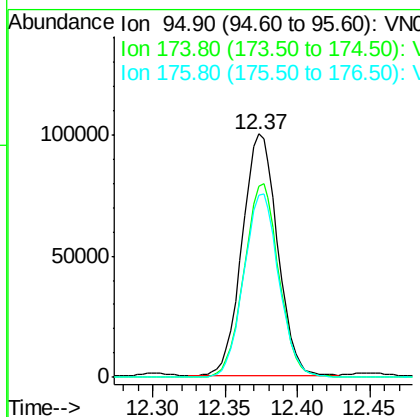
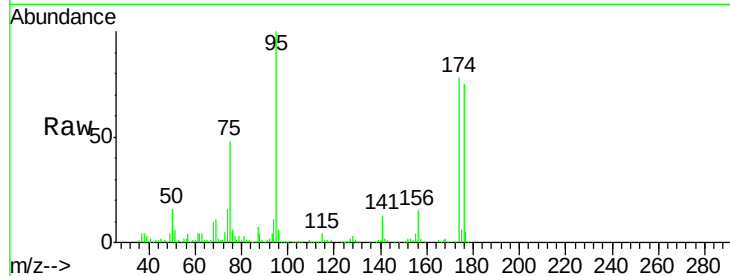
#62
4-Bromofluorobenzene
Concen: 61.975 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	169640		
174	78.7	0.0	160.4	
176	75.5	0.0	158.4	

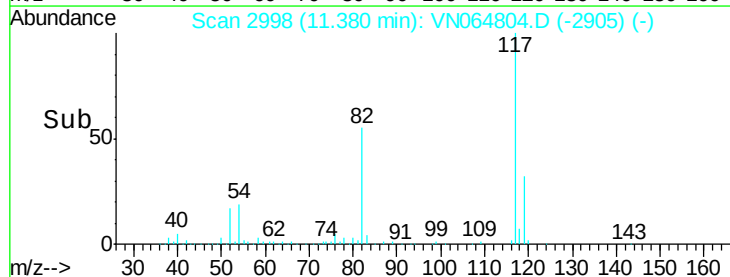
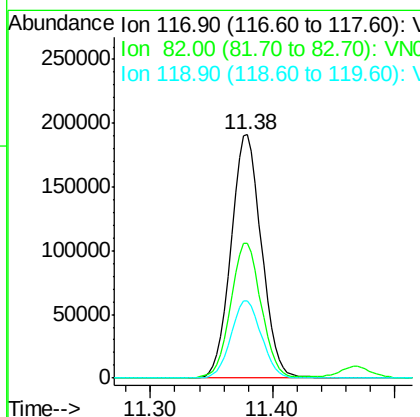
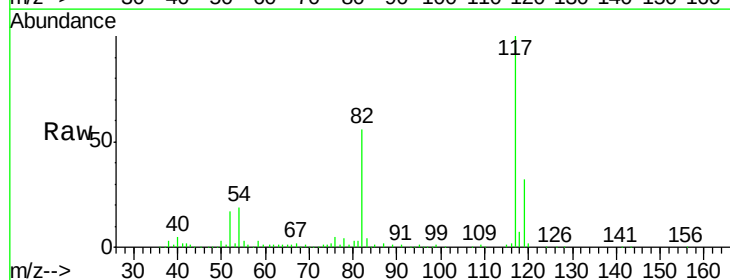
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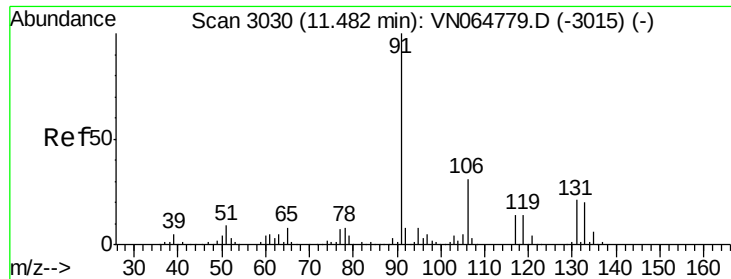
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	331382		
82	55.3	44.2	66.2	
119	32.0	25.8	38.6	





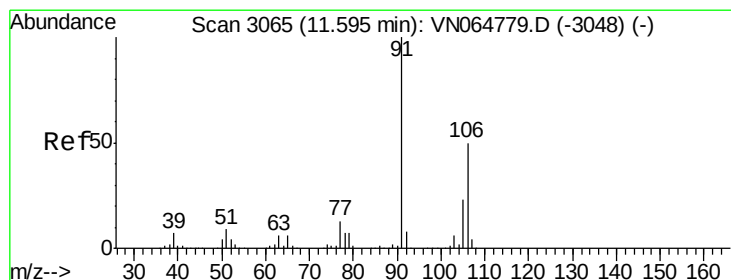
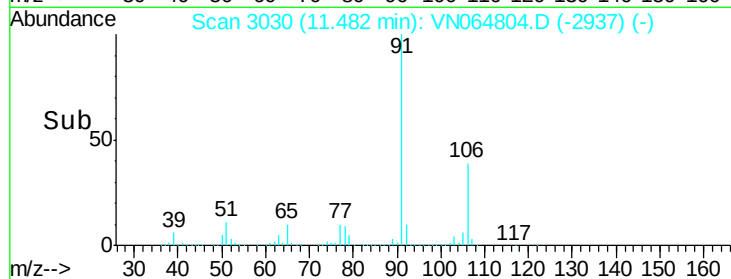
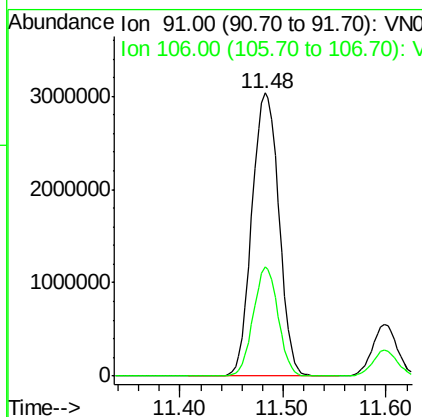
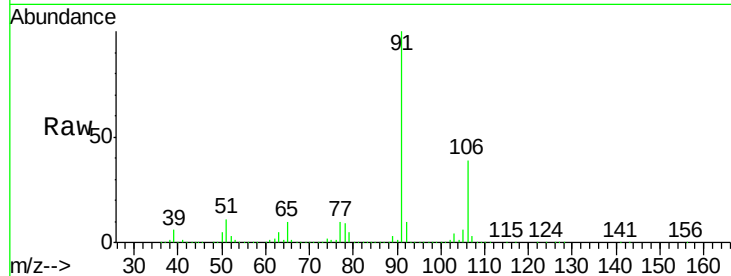
#67
Ethyl Benzene
Concen: 462.490 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion: 91 Resp: 5498230
Ion Ratio Lower Upper
91 100
106 38.7 25.2 37.8#

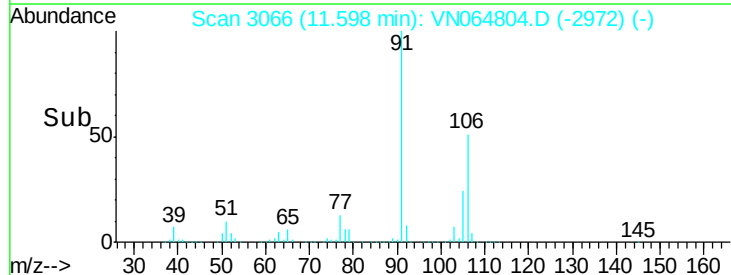
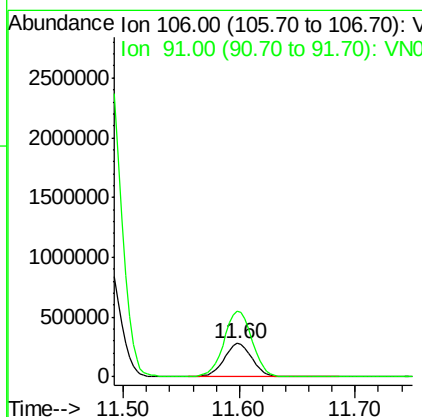
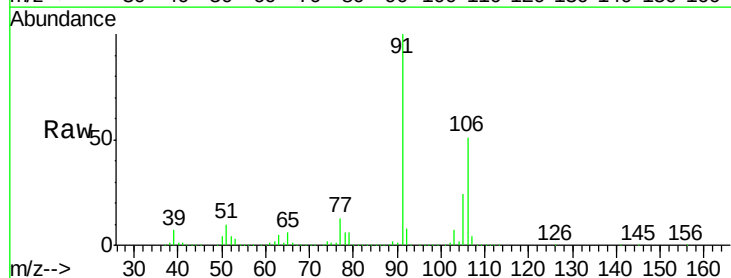
Manual Integrations
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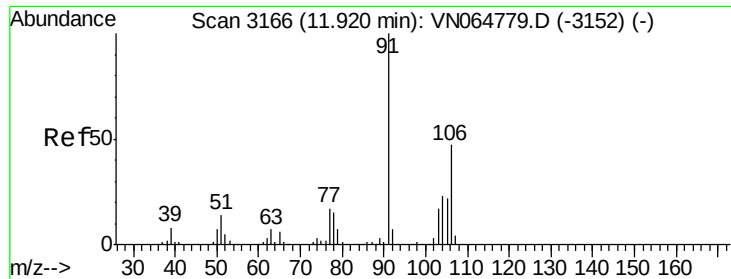
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#68
m/p-Xylenes
Concen: 103.170 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion: 106 Resp: 464368
Ion Ratio Lower Upper
106 100
91 200.5 161.0 241.4





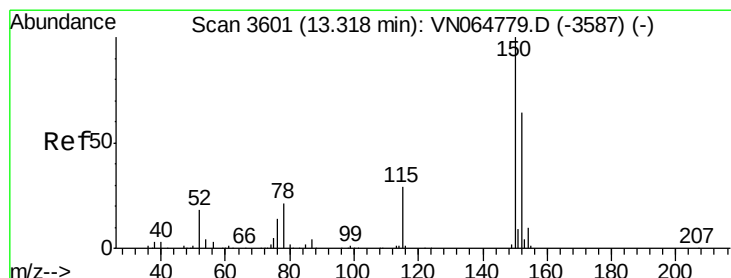
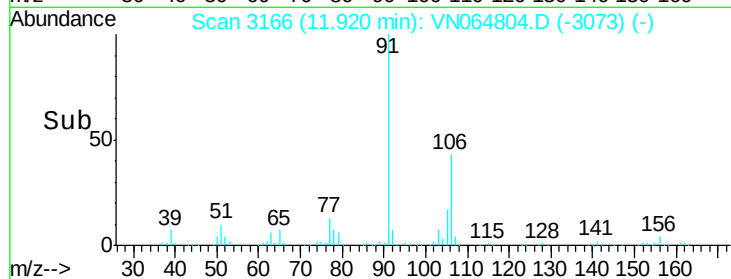
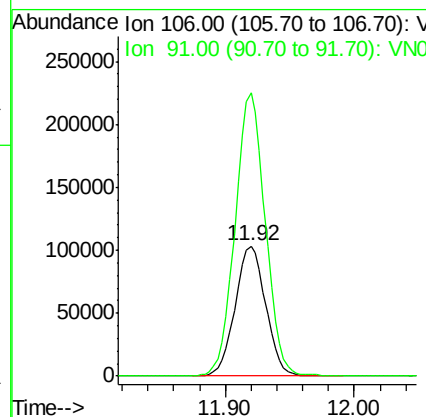
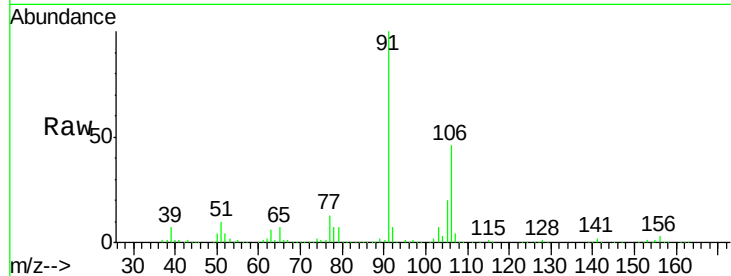
#69
o-Xylene
Concen: 39.925 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	105.5	316.5

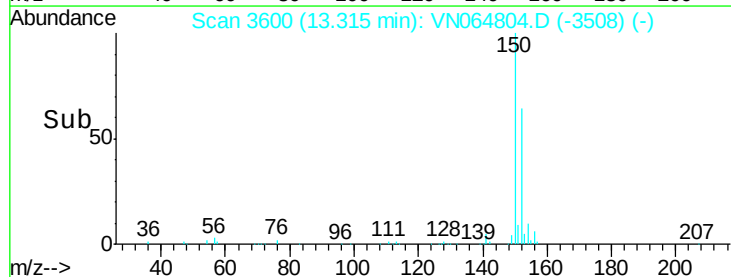
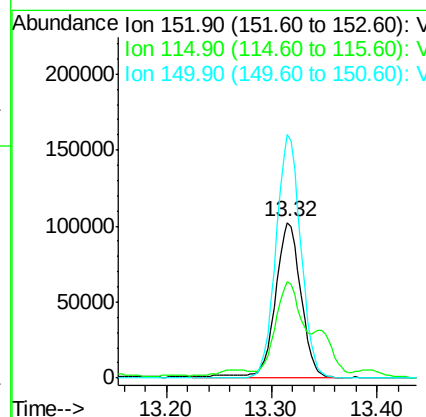
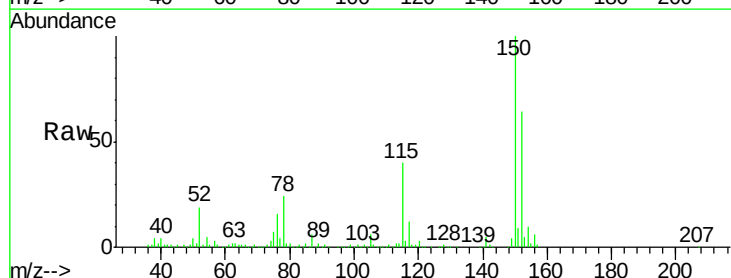
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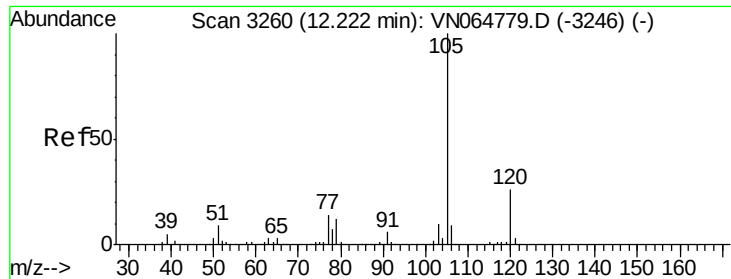
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.7	89.1
150	152.4	0.0	350.6





#73

Isopropylbenzene

Concen: 24.883 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion: 105 Resp: 293645

Ion Ratio Lower Upper

105 100

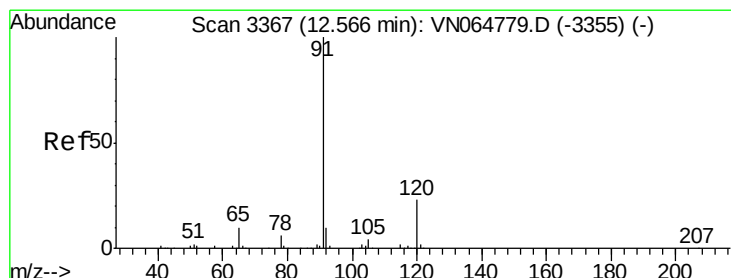
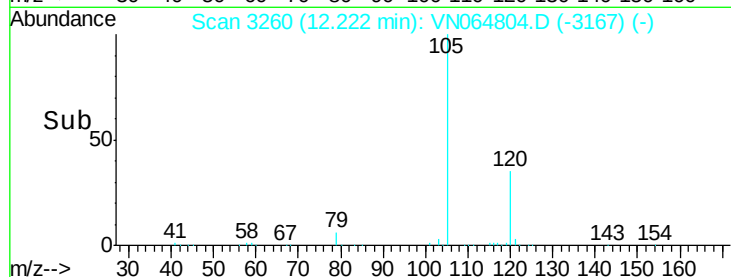
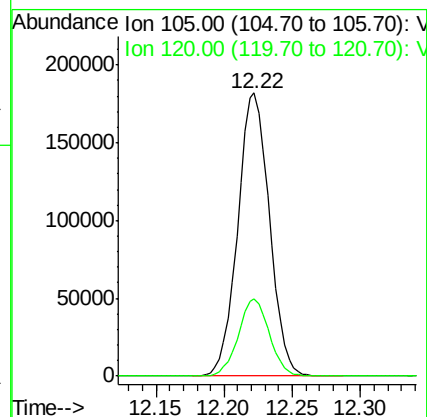
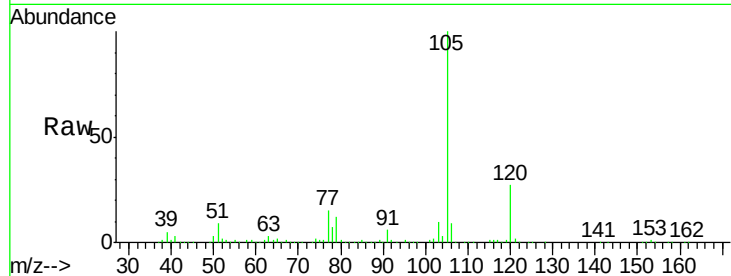
120 26.6 13.3 39.9

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#78

n-propylbenzene

Concen: 49.323 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064804.D

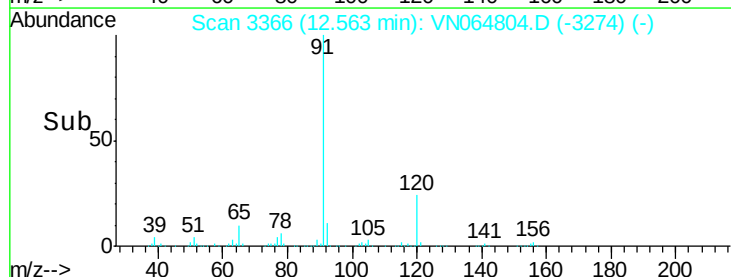
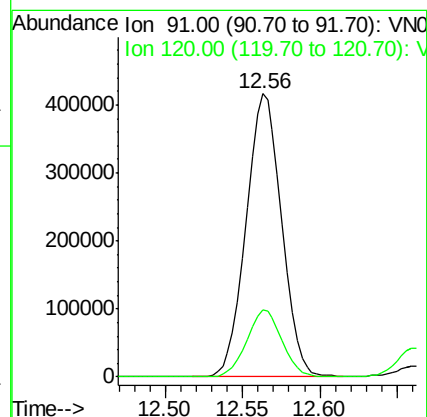
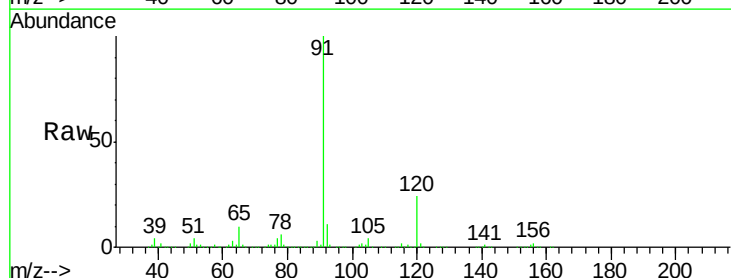
Acq: 24 Nov 2020 12:38

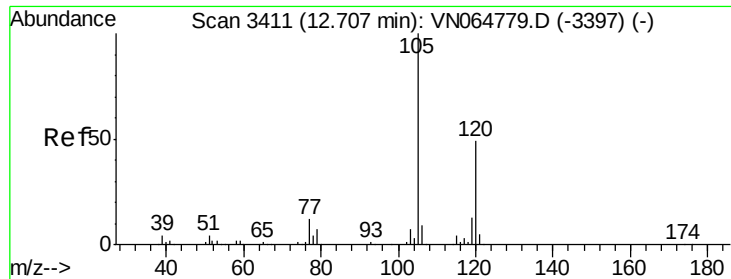
Tgt Ion: 91 Resp: 663102

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7





#80

1,3,5-Trimethylbenzene

Concen: 23.388 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. -0.05 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:105 Resp: 229418

Ion Ratio Lower Upper

105 100

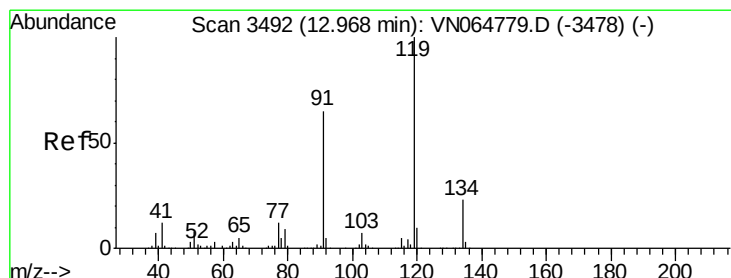
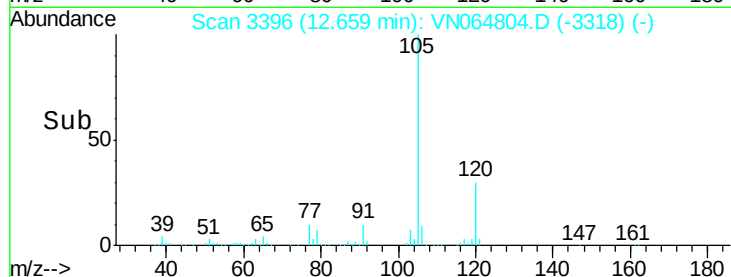
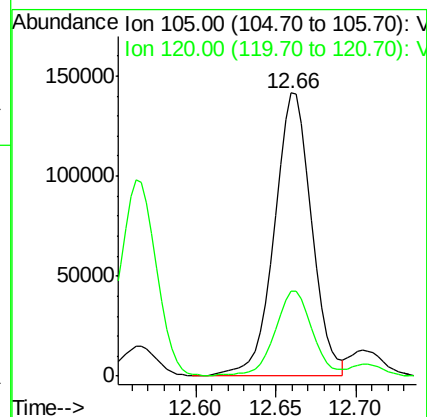
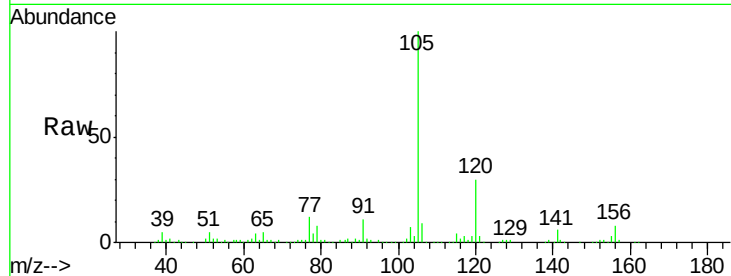
120 29.3 24.6 73.6

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#83

tert-Butylbenzene

Concen: 0.465 ug/l m

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064804.D

Acq: 24 Nov 2020 12:38

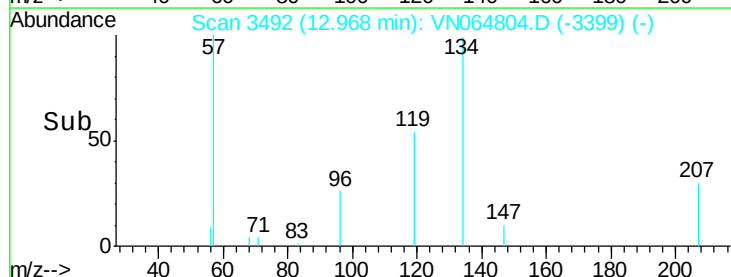
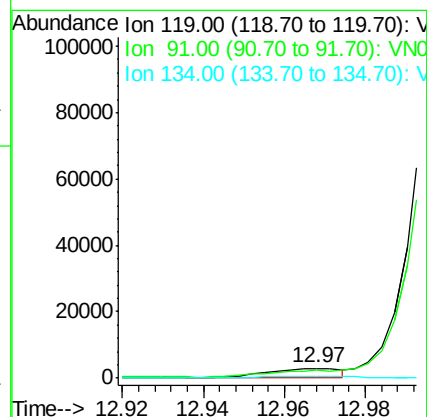
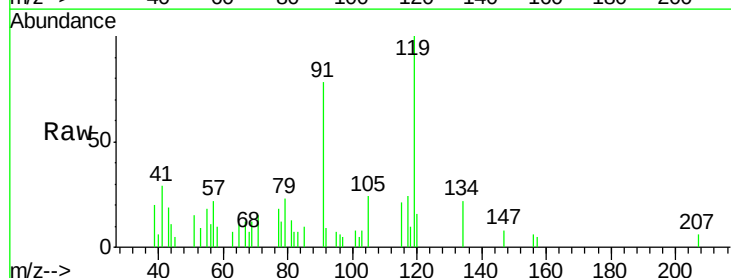
Tgt Ion:119 Resp: 3827

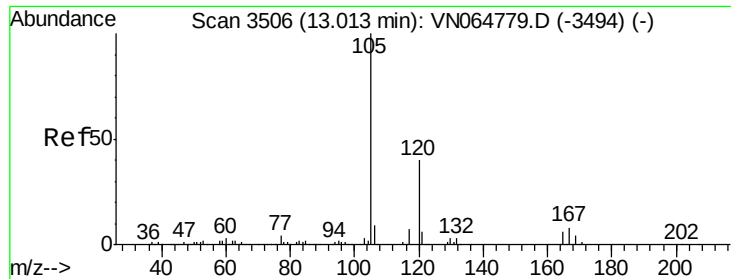
Ion Ratio Lower Upper

119 100

91 13940.1 32.3 96.8#

134 0.0 12.6 37.6#





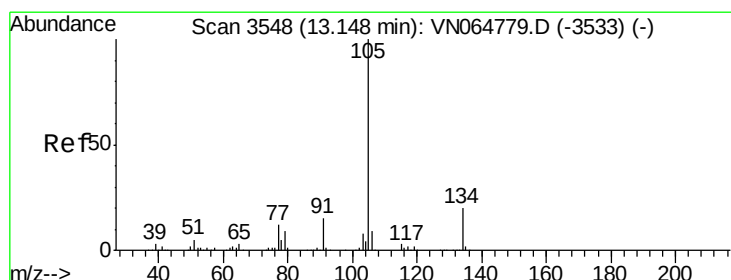
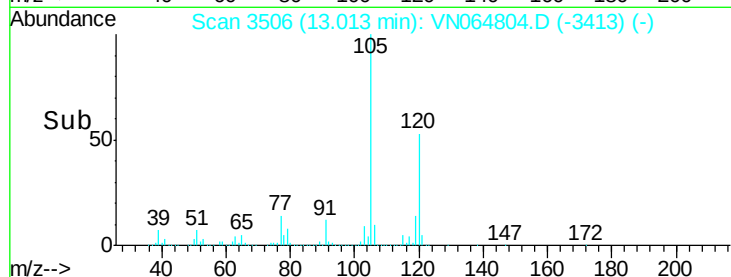
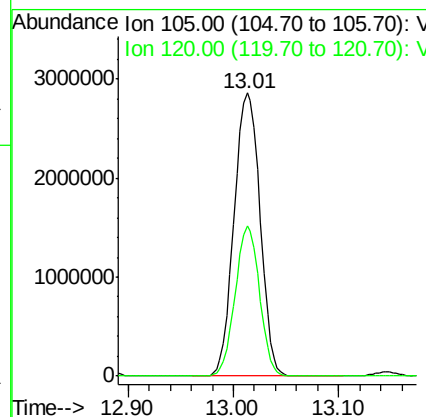
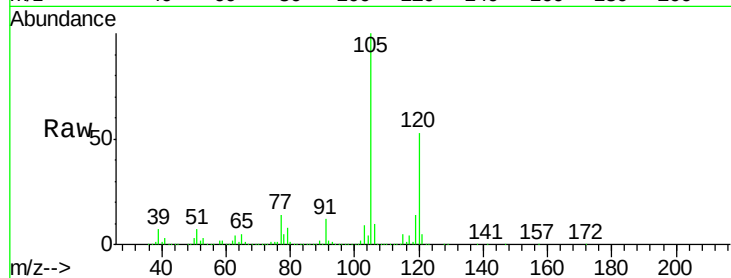
#84
1,2,4-Trimethylbenzene
Concen: 490.558 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion:105 Resp: 4865219
Ion Ratio Lower Upper
105 100
120 49.6 23.1 69.2

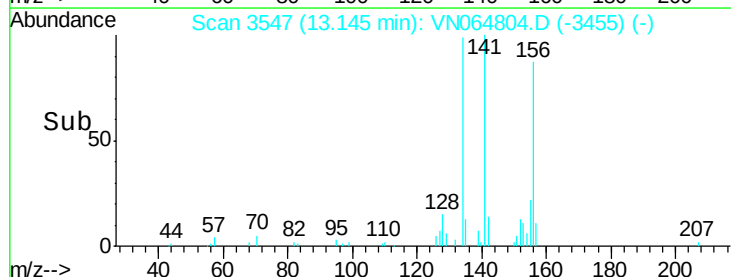
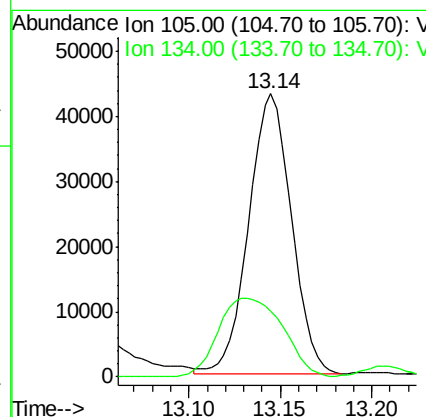
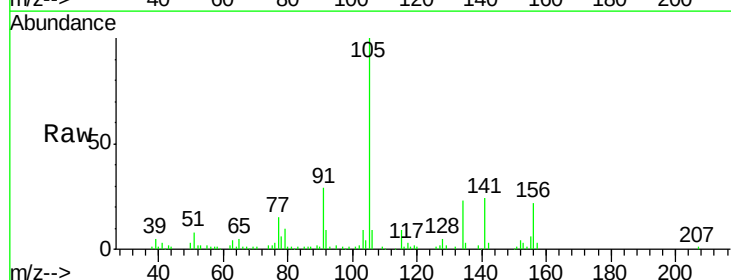
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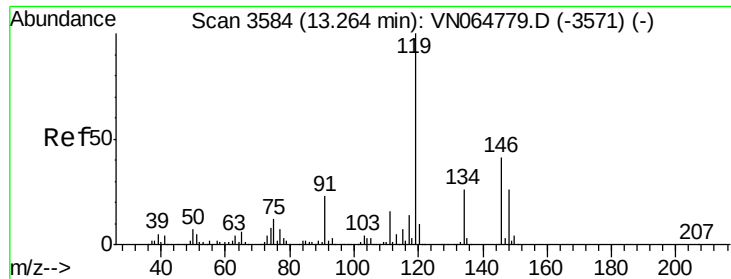
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#85
sec-Butylbenzene
Concen: 6.370 ug/l m
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Tgt Ion:105 Resp: 69536
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





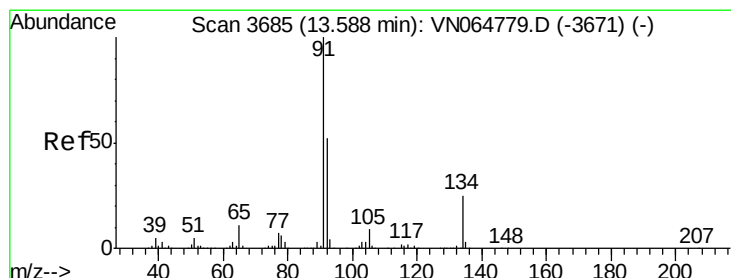
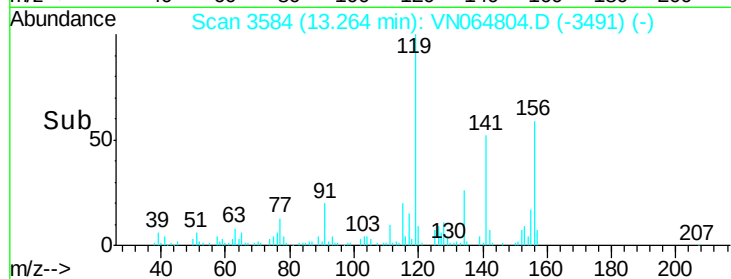
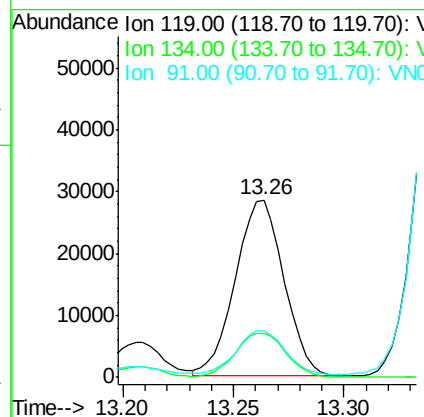
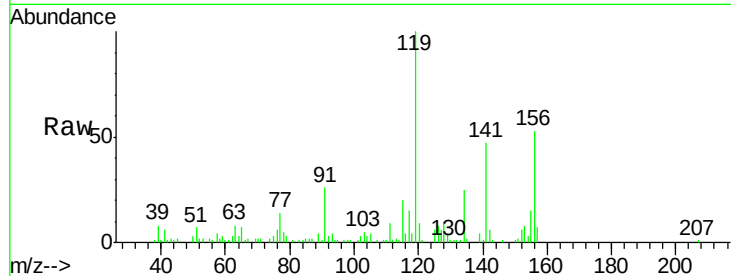
#86
 p-Isopropyltoluene
 Concen: 4.369 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	0.0	11.5	34.5#

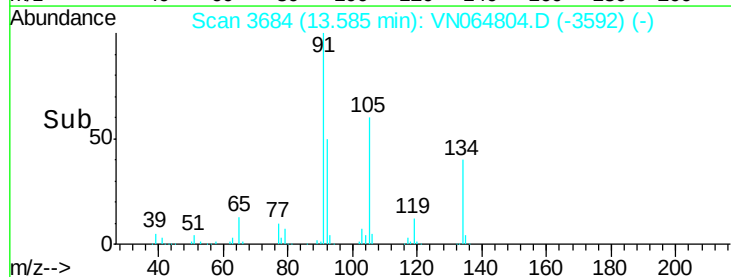
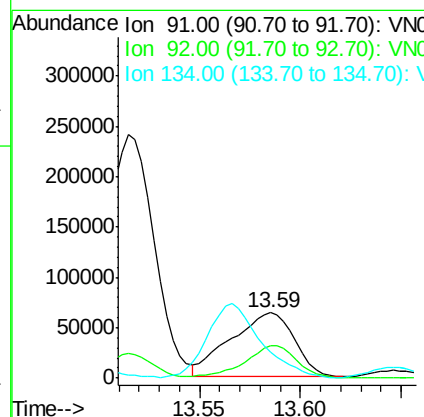
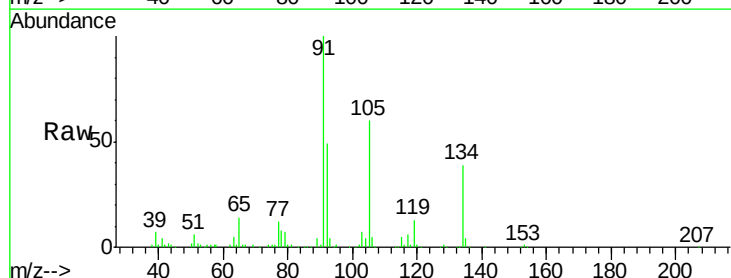
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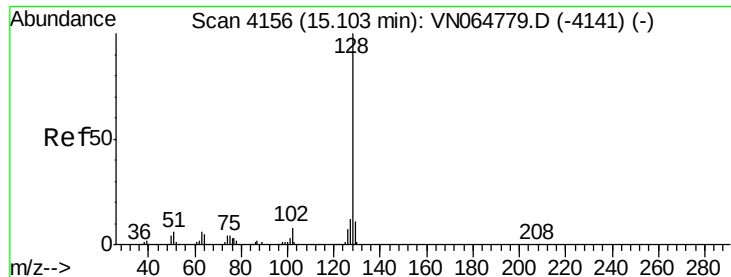
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#89
 n-Butylbenzene
 Concen: 15.962 ug/l
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064804.D
 Acq: 24 Nov 2020 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.2	26.0	78.0
134	0.0	12.9	38.6#





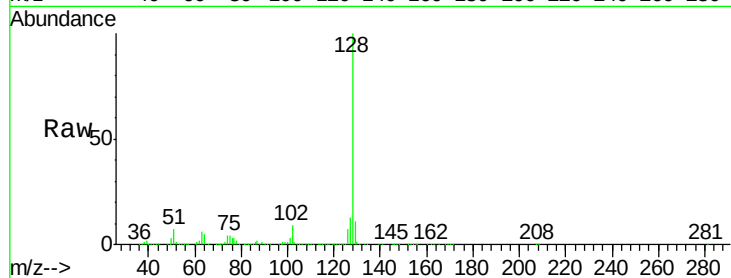
#95
Naphthalene
Concen: 245.064 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064804.D
Acq: 24 Nov 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

