

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064334.D
 Acq On : 27 Oct 2020 18:26
 Operator : JC/MD
 Sample : L4486-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1806

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 11:46:04 AM

Quant Time: Oct 28 04:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186707	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	7.55	113	132126	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.06	98	489279	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	216015	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	22144	42.867	ug/l #	80
16) Acetone	3.78	43	11470m	2.172	ug/l	
17) Carbon Disulfide	4.01	76	11388	1.819	ug/l	99
25) 2-Butanone	6.79	43	84583	47.339	ug/l	98
52) Toluene	10.13	92	2239	0.327	ug/l	92
67) Ethyl Benzene	11.48	91	5184	0.343	ug/l	95
68) m/p-Xylenes	11.59	106	10336	1.848	ug/l	88
69) o-Xylene	11.92	106	6540	1.214	ug/l	93
78) n-propylbenzene	12.56	91	5005	0.337	ug/l	87
80) 1,3,5-Trimethylbenzene	12.71	105	10674	0.961	ug/l	89
84) 1,2,4-Trimethylbenzene	13.01	105	42764	3.854	ug/l	90
89) n-Butylbenzene	13.59	91	2261	0.242	ug/l #	77

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

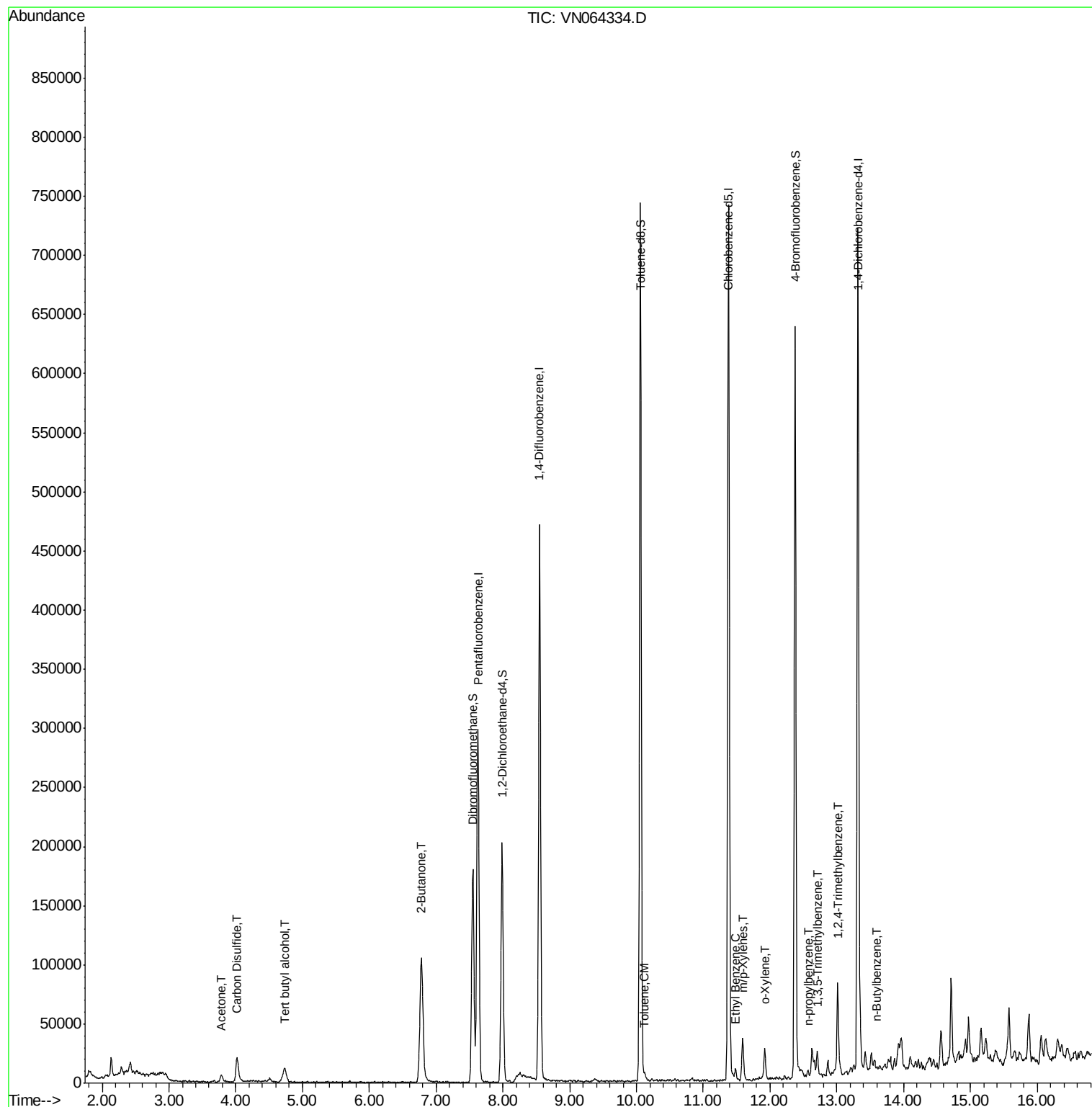
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102720\
Data File : VN064334.D
Acq On : 27 Oct 2020 18:26
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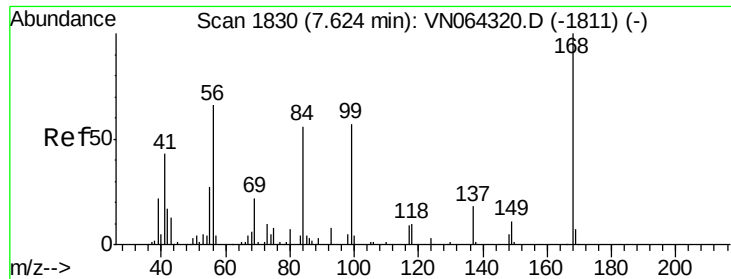
Instrument :
MSVOA_N
ClientSampleId :
1806

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Quant Time: Oct 28 04:51:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

1806

Tot Ion:168 Resp: 221440

Ion Ratio Lower Upper

168 100

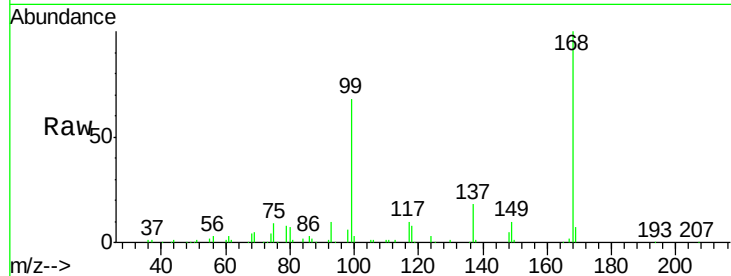
99 67.7 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

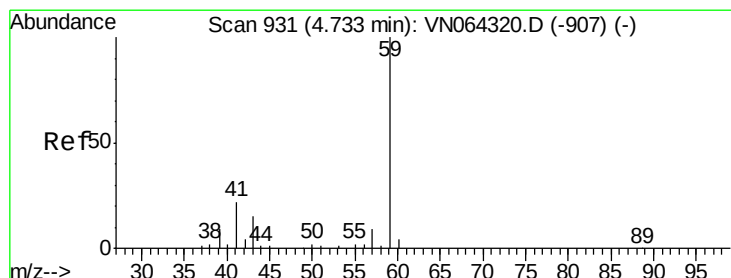
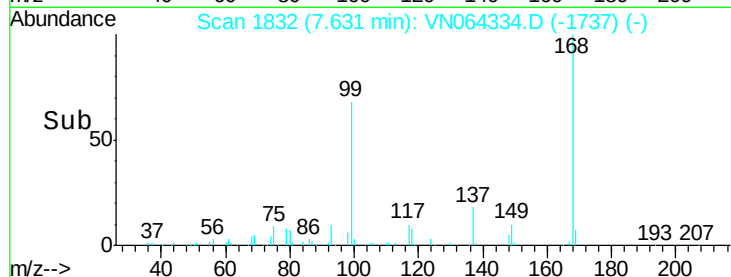
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#11

Tert butyl alcohol

Concen: 42.867 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: VN064334.D

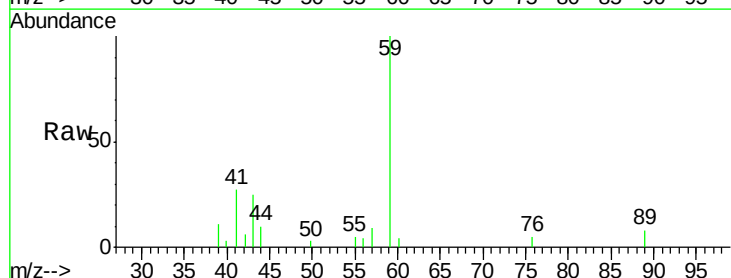
Acq: 27 Oct 2020 18:26

Tgt Ion: 59 Resp: 22144

Ion Ratio Lower Upper

59 100

57 4.1 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.73

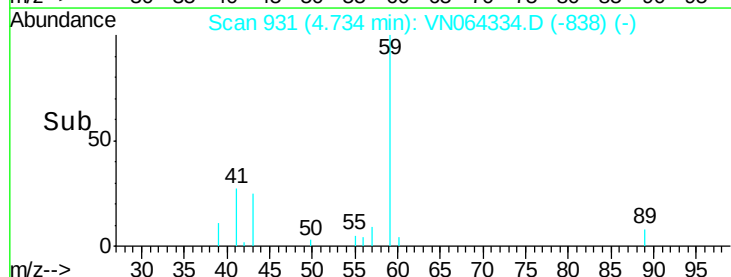
6000

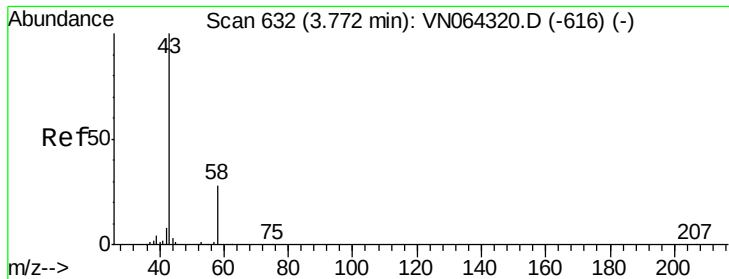
4000

2000

0

Time--> 4.60 4.70 4.80





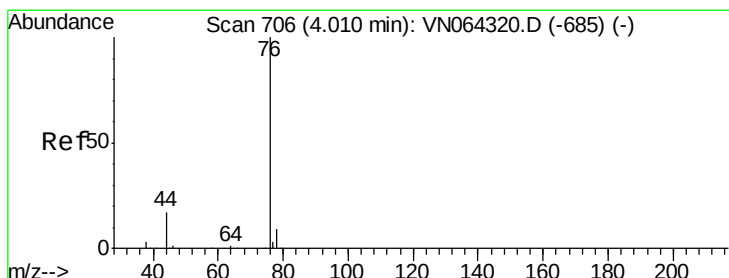
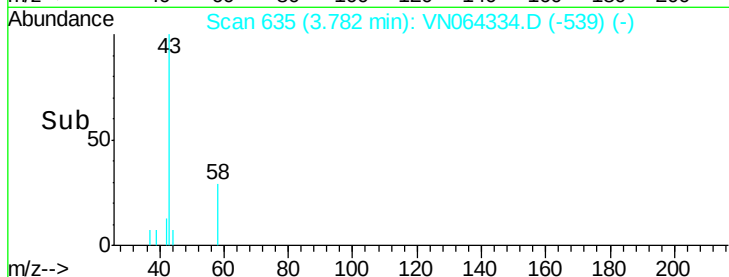
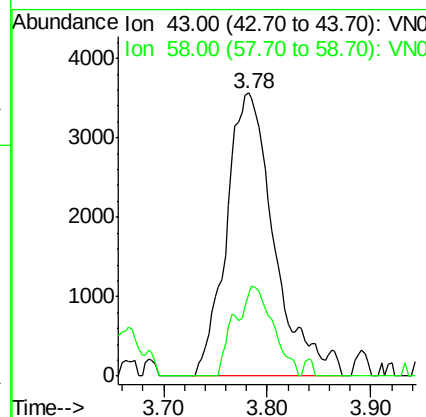
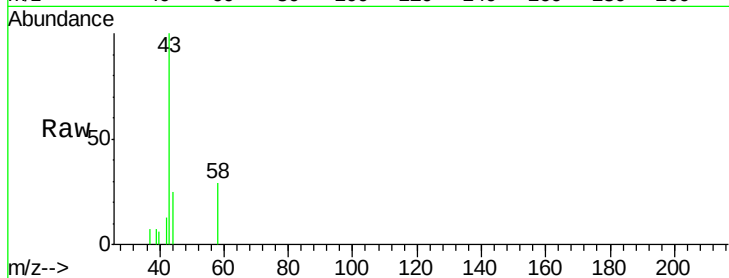
#16
Acetone
Concen: 2.172 ug/l m
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
1806

Tot Ion: 43 Resp: 11470
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1

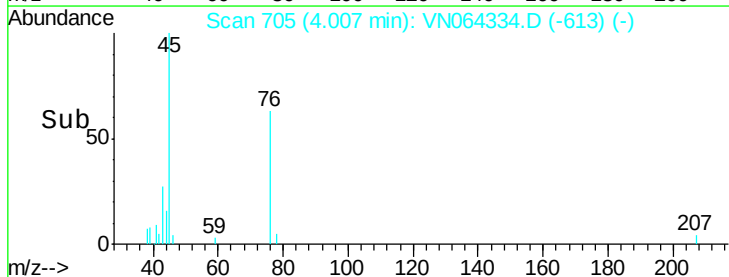
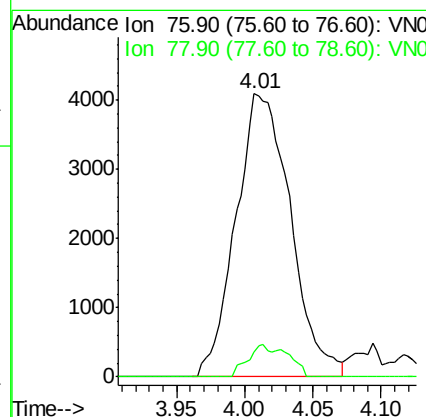
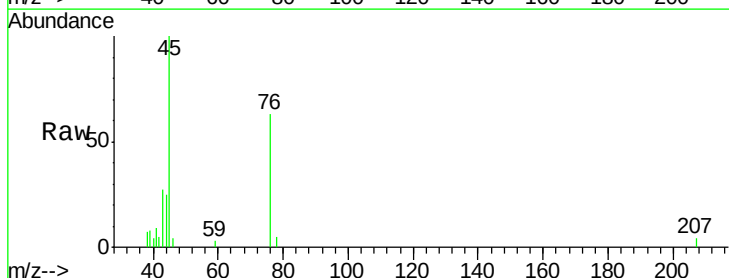
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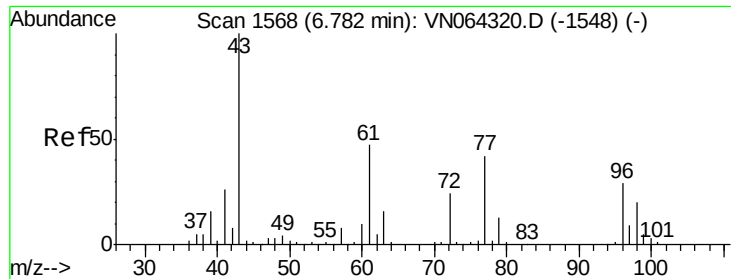
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#17
Carbon Disulfide
Concen: 1.819 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Tgt Ion: 76 Resp: 11388
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9





#25

2-Butanone

Concen: 47.339 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

1806

Tot Ion: 43 Resp: 84583

Ion Ratio Lower Upper

43 100

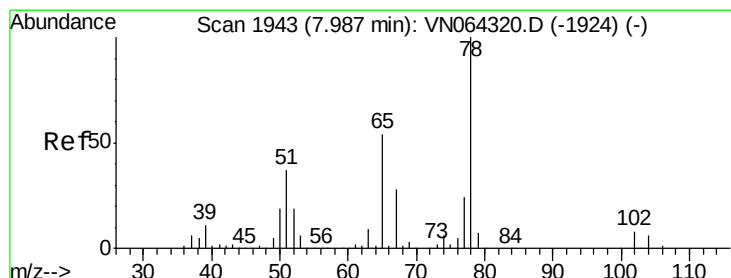
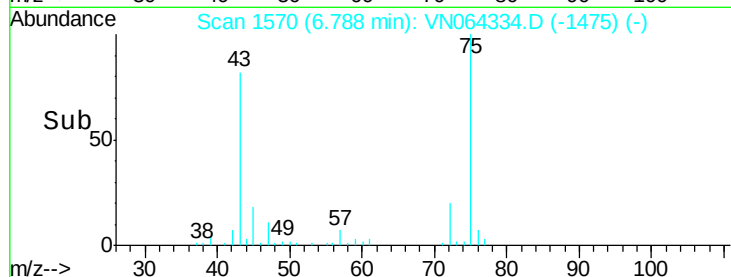
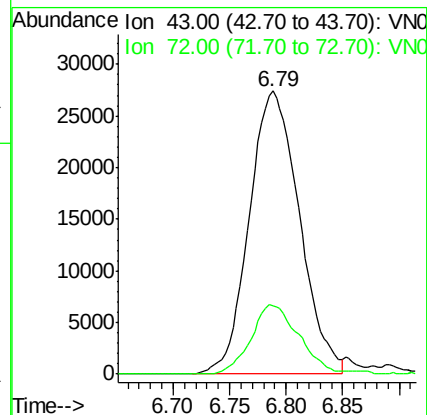
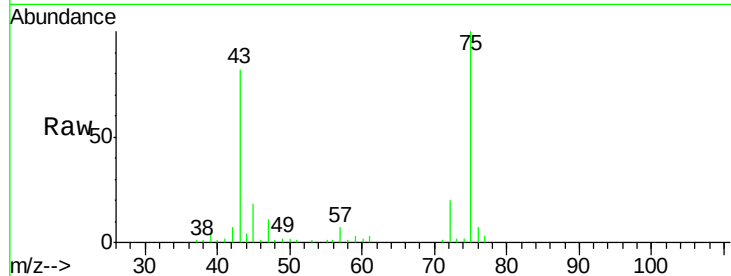
72 24.2 18.8 28.2

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#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064334.D

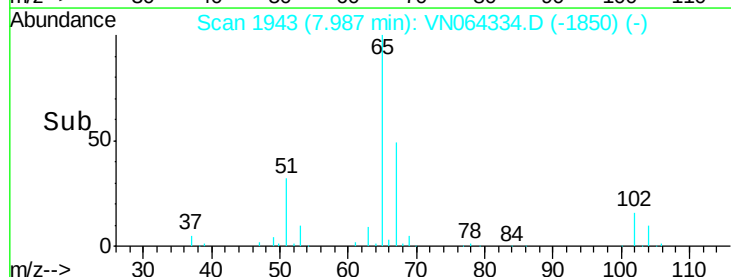
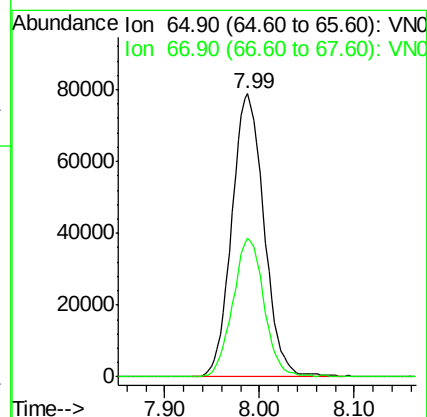
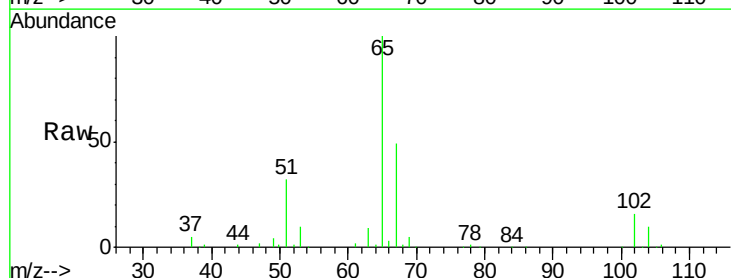
Acq: 27 Oct 2020 18:26

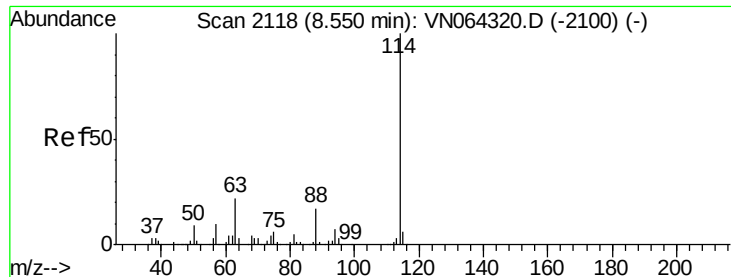
Tgt Ion: 65 Resp: 186707

Ion Ratio Lower Upper

65 100

67 47.4 0.0 99.2





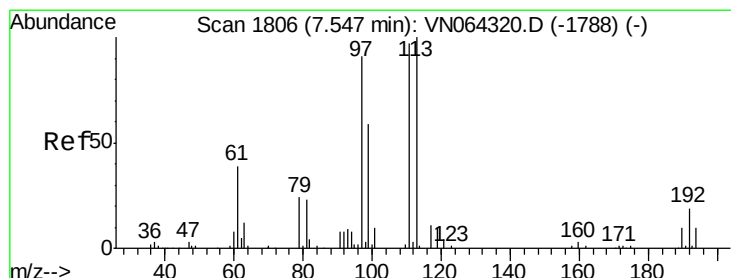
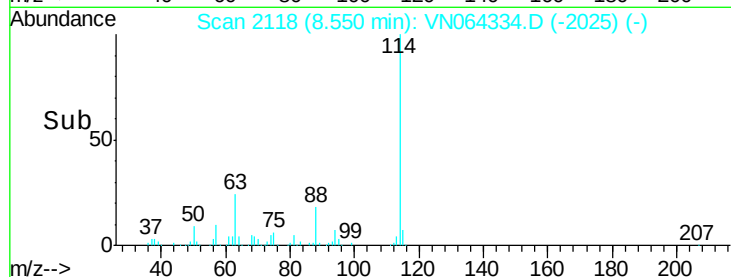
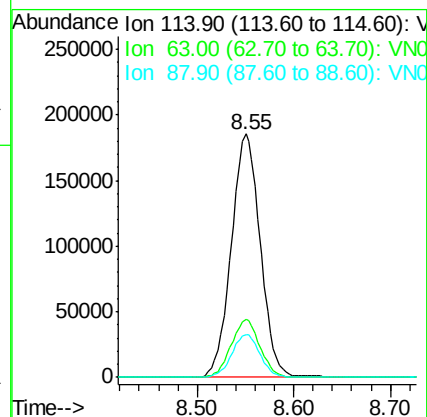
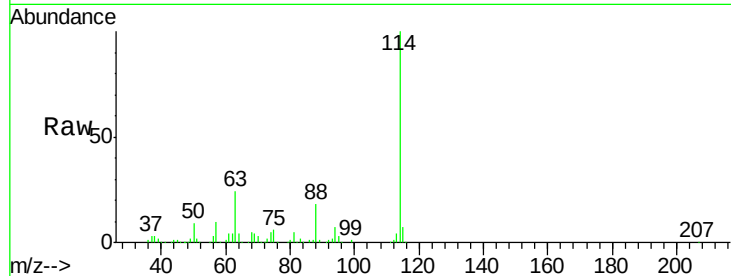
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064334.D
 Acq: 27 Oct 2020 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 1806

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.7	0.0	44.6
88	17.7	0.0	33.4

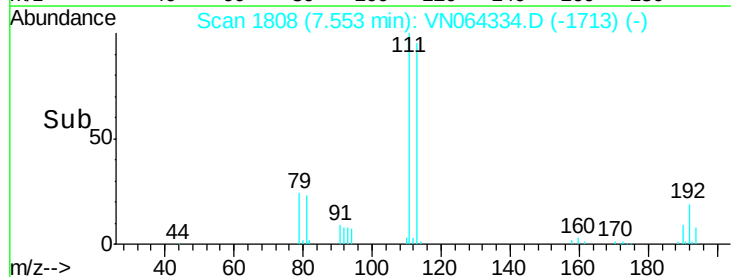
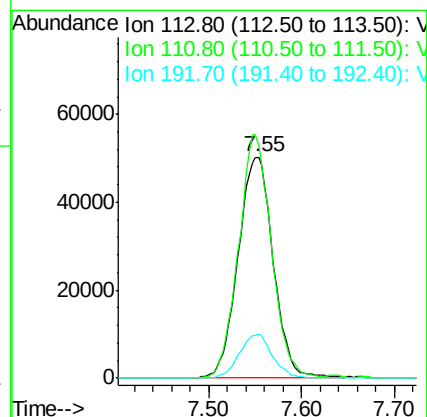
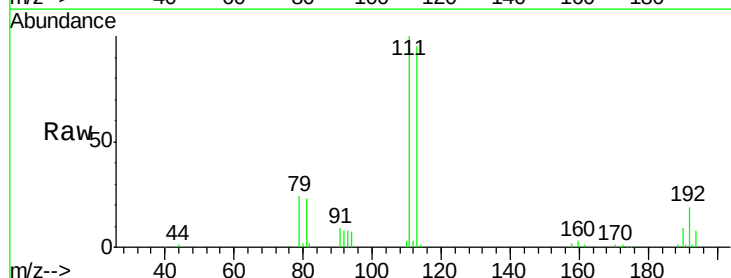
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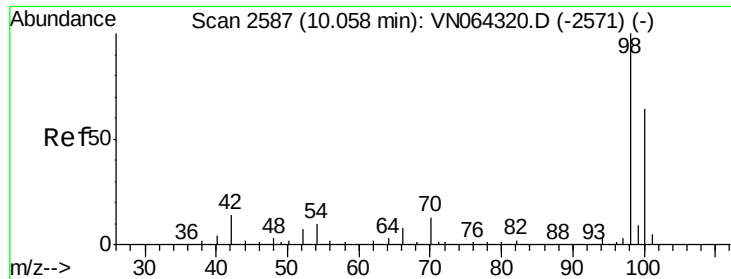
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#35
 Dibromofluoromethane
 Concen: 51.348 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064334.D
 Acq: 27 Oct 2020 18:26

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.1	81.5	122.3
192	18.6	15.0	22.4





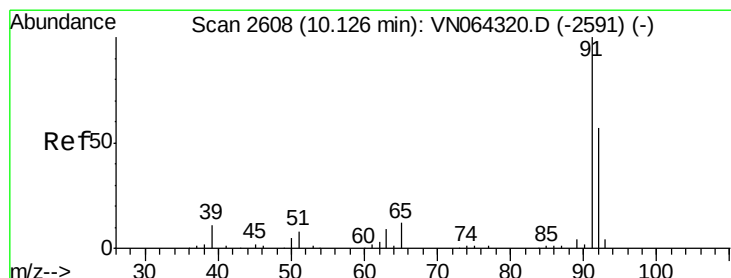
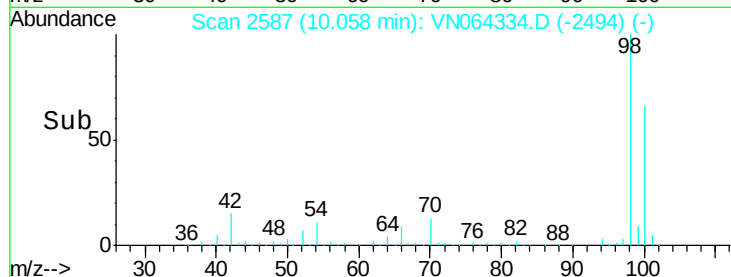
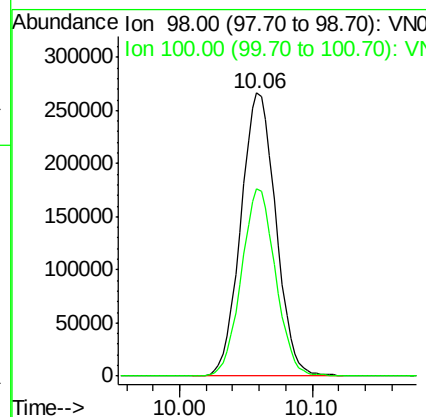
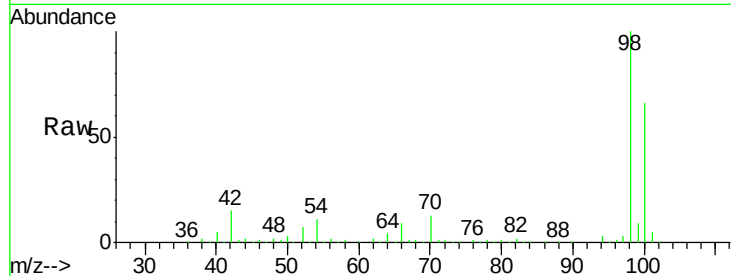
#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Instrument :
MSVOA_N
ClientSampleId :
1806

Tot Ion: 98 Resp: 489279
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

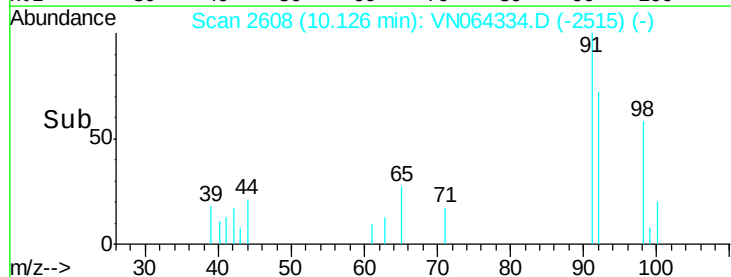
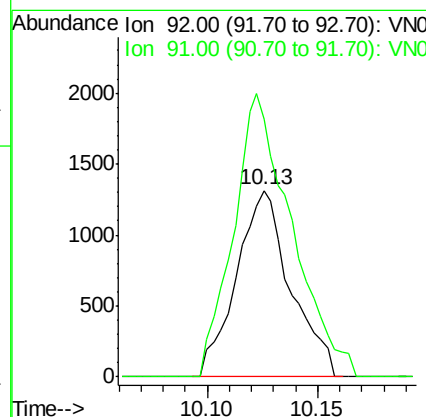
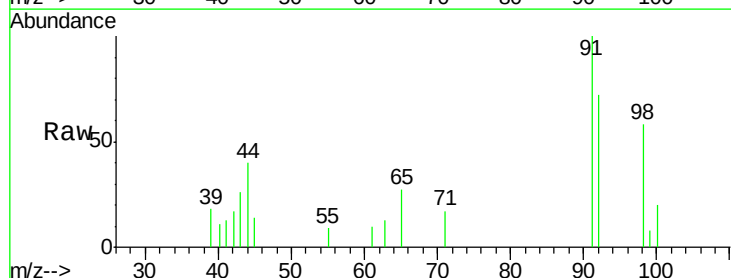
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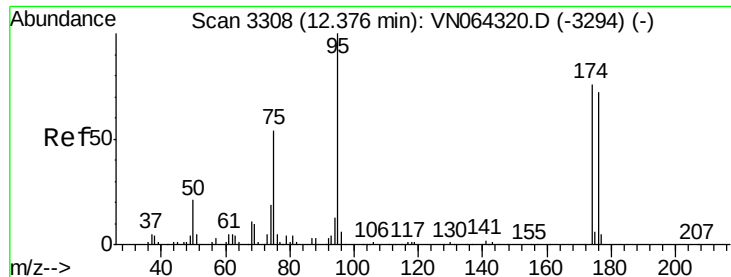
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#52
Toluene
Concen: 0.327 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Tgt Ion: 92 Resp: 2239
Ion Ratio Lower Upper
92 100
91 163.2 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 58.210 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Instrument :

MSVOA_N

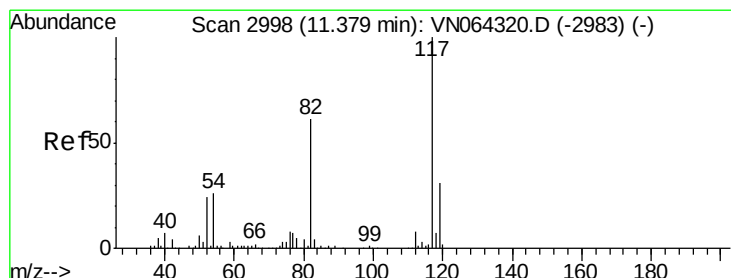
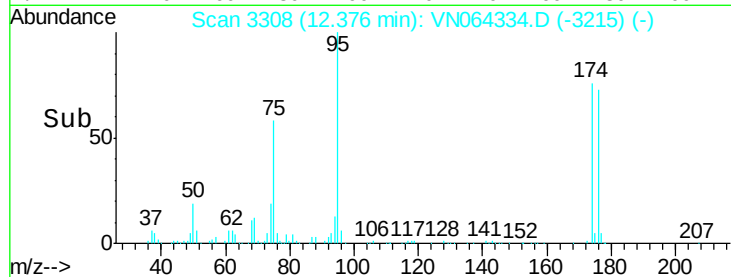
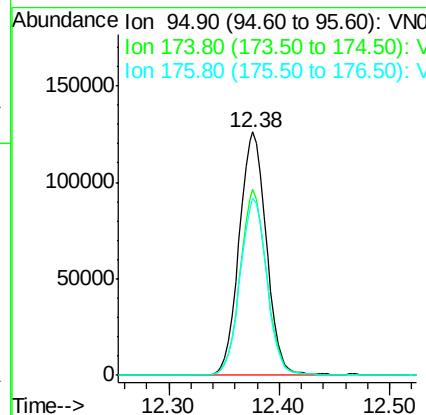
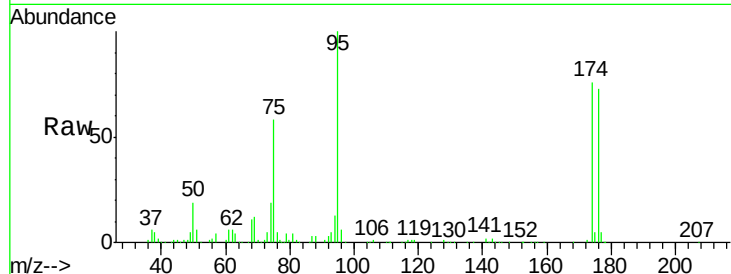
ClientSampled :

1806

Tot Ion:	95	Resp:	216015
Ion Ratio	Lower	Upper	
95	100		
174	74.0	0.0	147.4
176	71.0	0.0	143.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

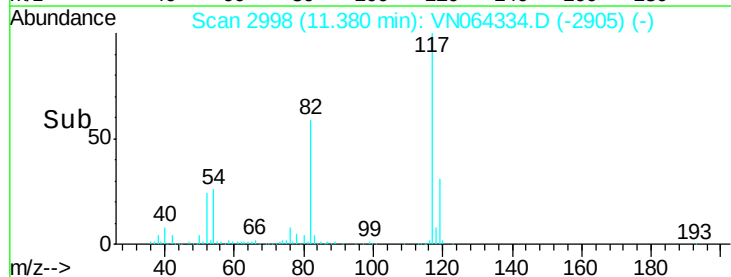
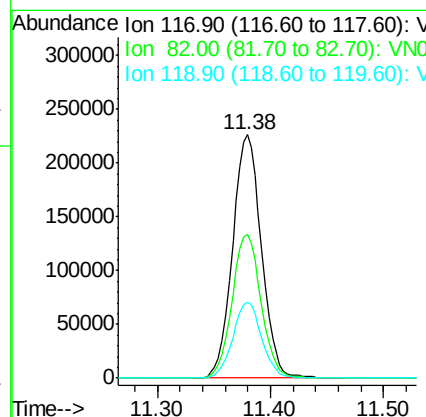
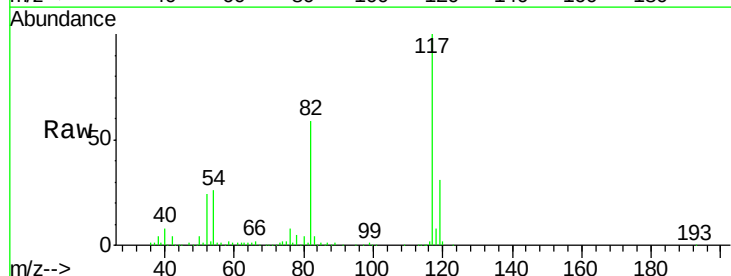
RT: 11.38 min Scan# 2998

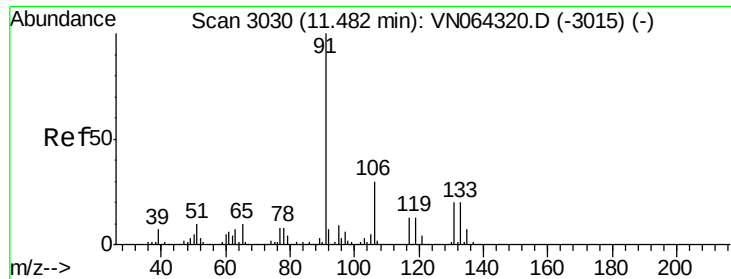
Delta R.T. 0.00 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Tgt Ion:	117	Resp:	400455
Ion Ratio	Lower	Upper	
117	100		
82	58.8	48.8	73.2
119	31.3	25.1	37.7





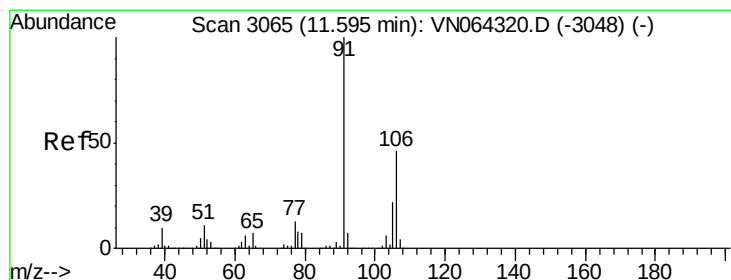
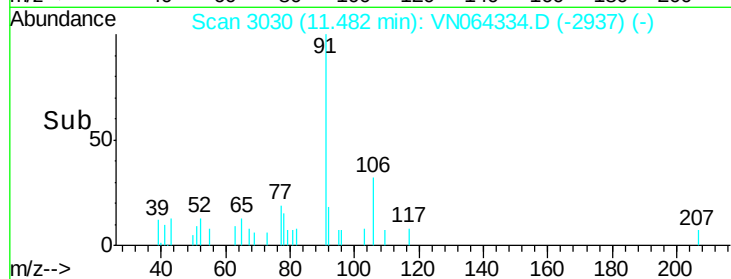
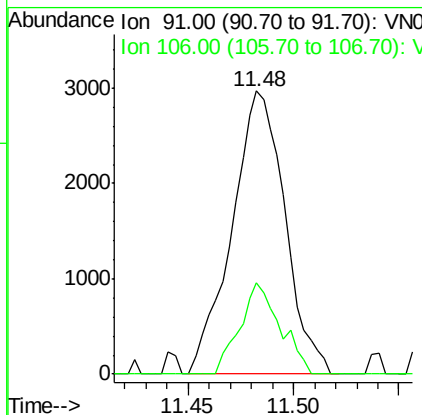
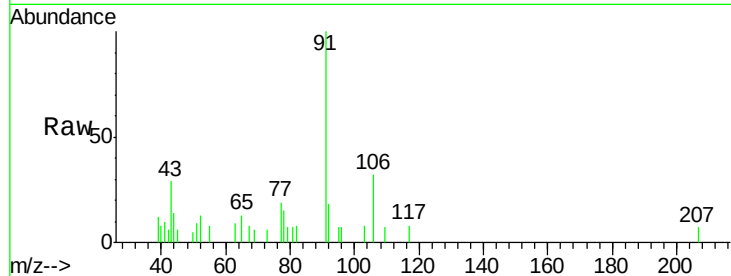
#67
Ethyl Benzene
Concen: 0.343 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
1806

Tot Ion: 91 Resp: 5184
Ion Ratio Lower Upper
91 100
106 32.1 23.7 35.5

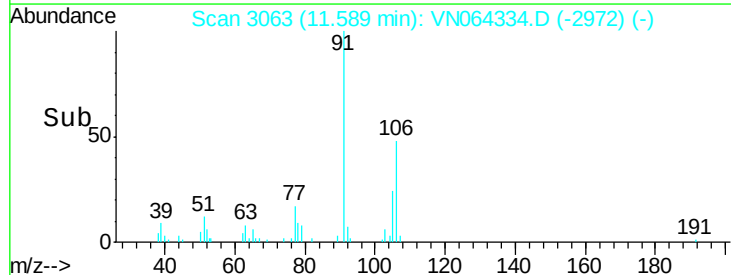
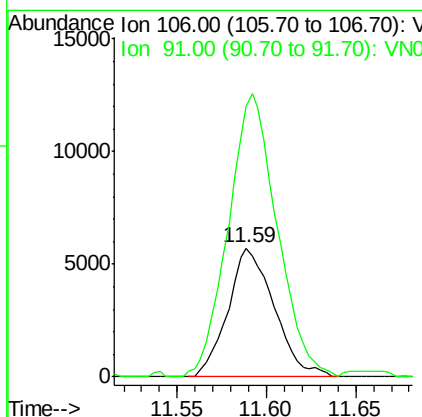
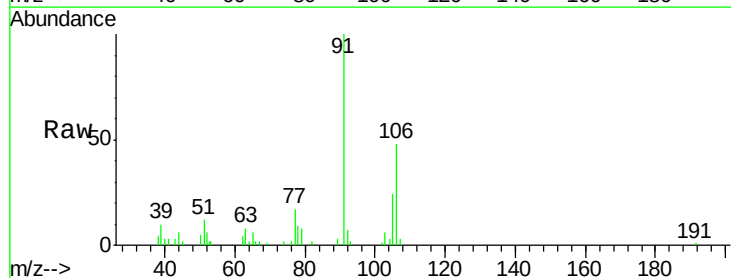
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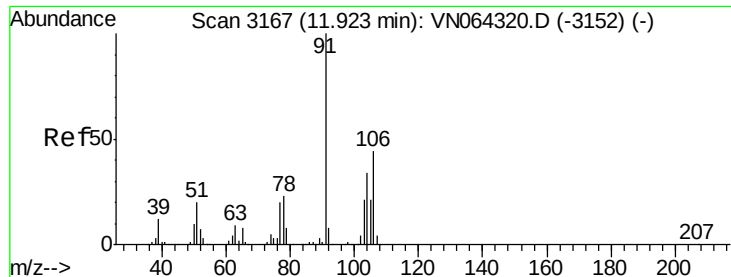
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#68
m/p-Xylenes
Concen: 1.848 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064334.D
Acq: 27 Oct 2020 18:26

Tgt Ion: 106 Resp: 10336
Ion Ratio Lower Upper
106 100
91 231.8 170.2 255.4





#69

o-Xylene

Concen: 1.214 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

1806

Tot Ion:106 Resp: 6540

Ion Ratio Lower Upper

106 100

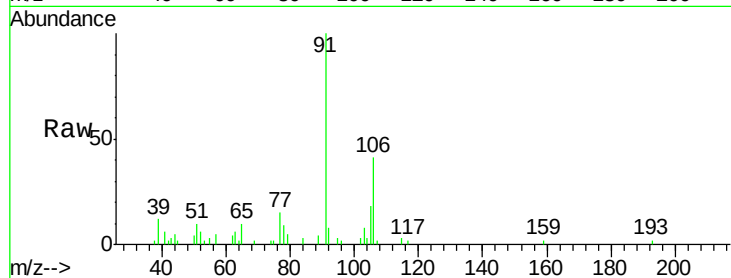
91 241.4 114.5 343.5

Manual Integrations

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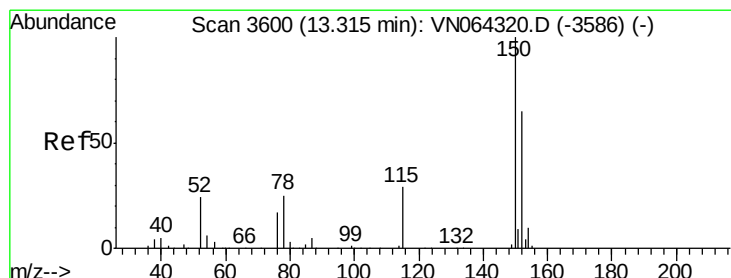
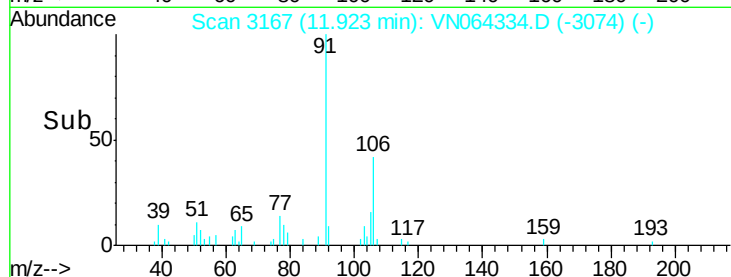
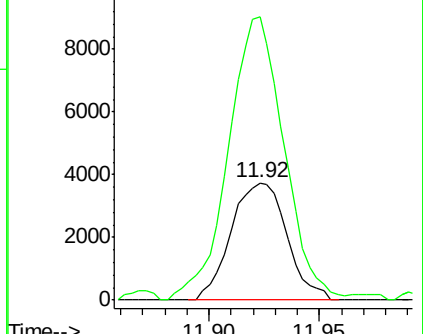
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

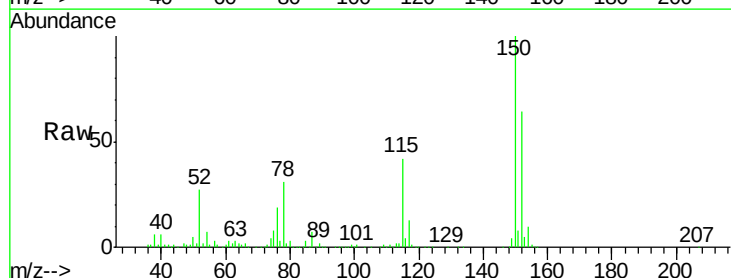
Tgt Ion:152 Resp: 175228

Ion Ratio Lower Upper

152 100

115 64.6 31.5 94.5

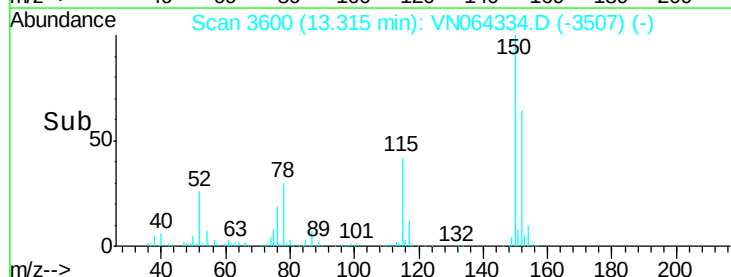
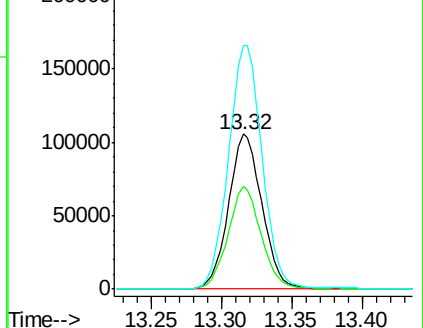
150 157.9 0.0 346.2

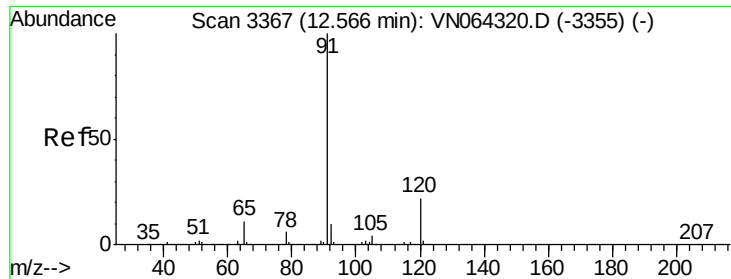


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.337 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064334.D

Acq: 27 Oct 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

1806

Tot Ion: 91 Resp: 5005

Ion Ratio Lower Upper

91 100

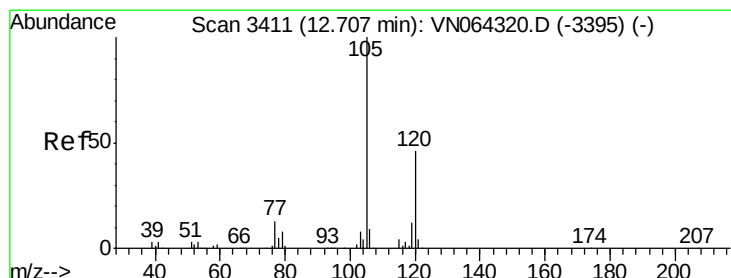
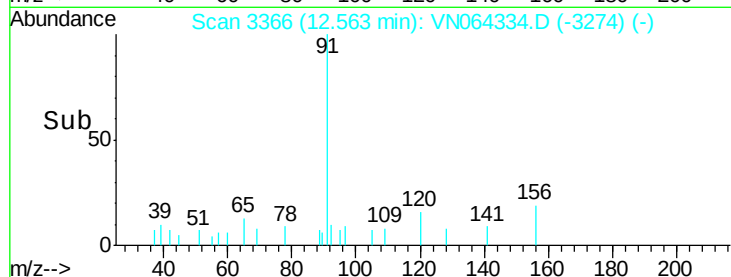
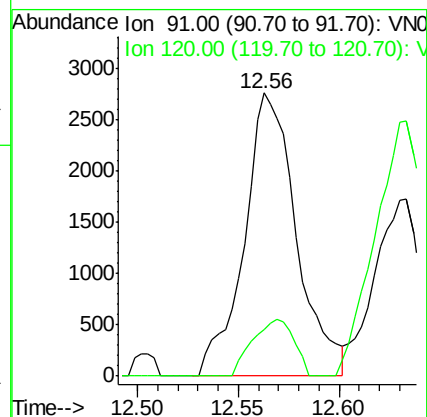
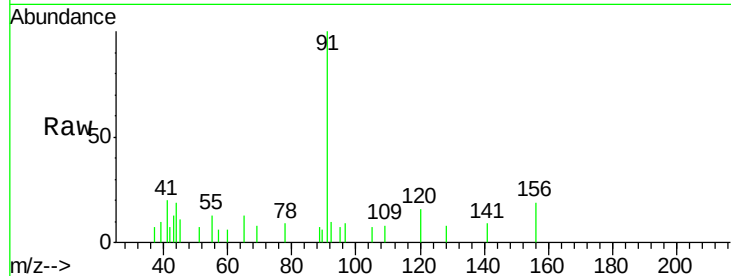
120 16.0 11.2 33.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 0.961 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064334.D

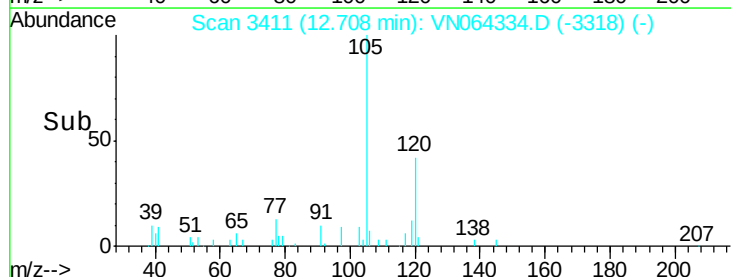
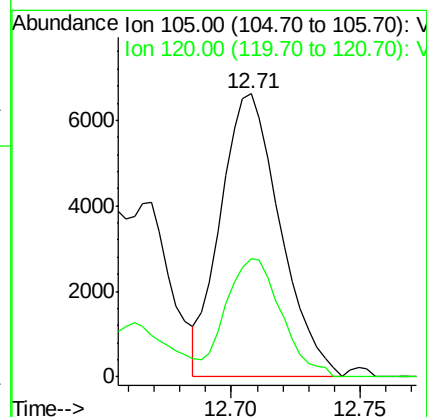
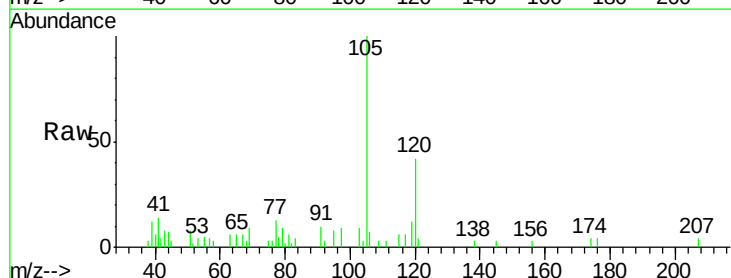
Acq: 27 Oct 2020 18:26

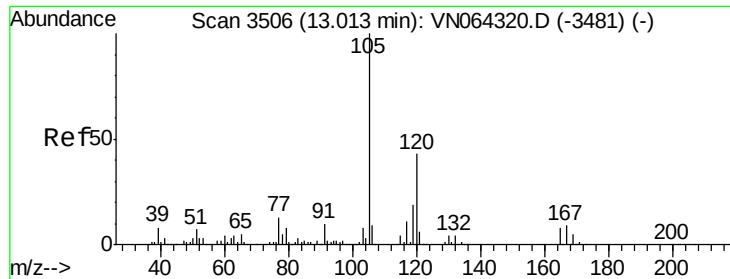
Tgt Ion: 105 Resp: 10674

Ion Ratio Lower Upper

105 100

120 38.3 22.9 68.8





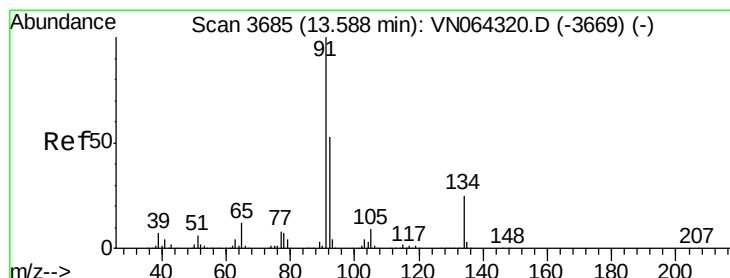
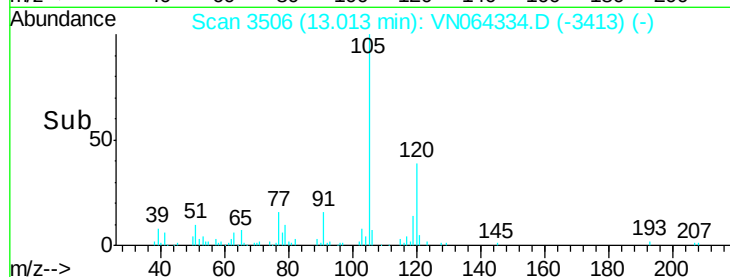
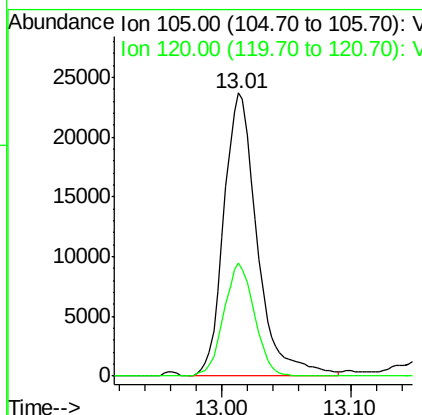
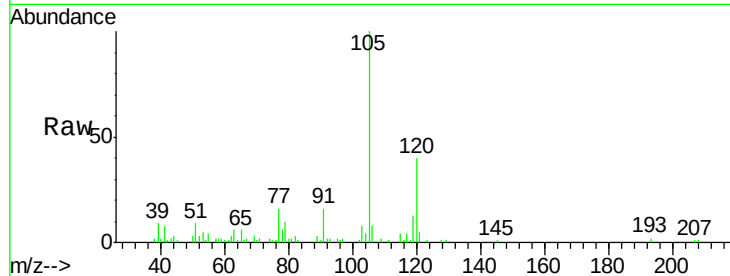
#84
 1,2,4-Trimethylbenzene
 Concen: 3.854 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064334.D
 Acq: 27 Oct 2020 18:26

Instrument :
 MSVOA_N
 ClientSampled :
 1806

Tot Ion:105 Resp: 42764
 Ion Ratio Lower Upper
 105 100
 120 36.4 21.3 64.0

Manual Integrations
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 10/28/2020 11:46:04 AM



#89
 n-Butylbenzene
 Concen: 0.242 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064334.D
 Acq: 27 Oct 2020 18:26

Tgt Ion: 91 Resp: 2261
 Ion Ratio Lower Upper
 91 100
 92 44.6 26.2 78.5
 134 0.0 12.4 37.4#

