

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064811.D
 Acq On : 24 Nov 2020 15:27
 Operator : JC/MD
 Sample : L4829-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:57:21 PM

Quant Time: Nov 25 15:23:51 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	172071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	319436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104776	52.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.76%
35) Dibromofluoromethane	7.55	113	95542	51.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.98%
50) Toluene-d8	10.06	98	385908	50.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.37	95	155746	57.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.80%

Target Compounds

					Qvalue
16) Acetone	3.76	43	3015m	4.585	ug/l
30) Chloroform	7.33	83	3469	1.022	ug/l
40) Benzene	8.00	78	29742	3.377	ug/l
44) Trichloroethene	8.80	130	1070	0.412	ug/l
64) Tetrachloroethene	10.60	164	6794	2.186	ug/l
69) o-Xylene	11.92	106	1354	0.329	ug/l
73) Isopropylbenzene	12.22	105	26404	2.473	ug/l
84) 1,2,4-Trimethylbenzene	13.02	105	2178m	0.243	ug/l
85) sec-Butylbenzene	13.14	105	6626	0.671	ug/l #
89) n-Butylbenzene	13.59	91	3161	0.400	ug/l
95) Naphthalene	15.10	128	19321	2.076	ug/l

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

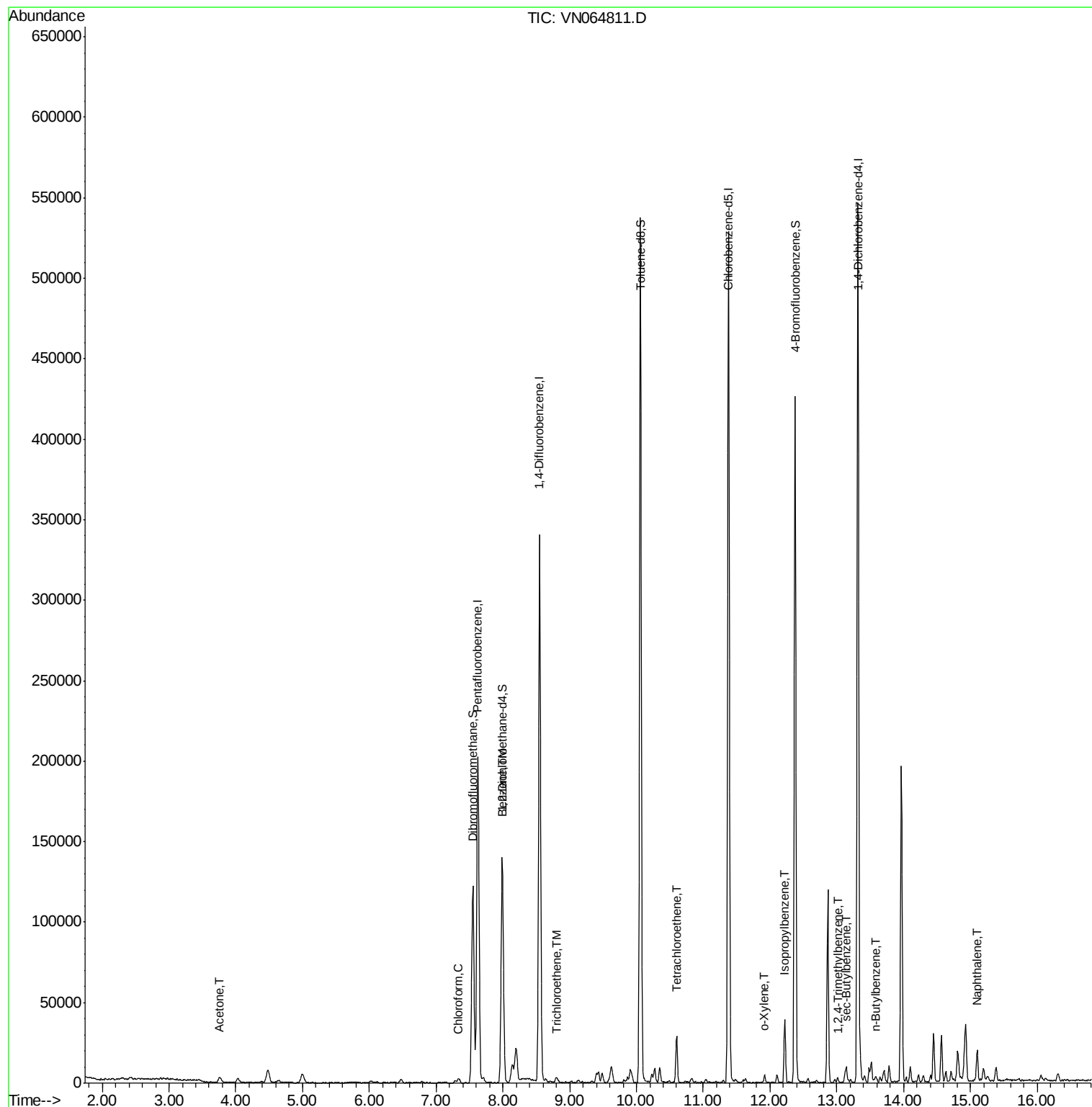
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064811.D
Acq On : 24 Nov 2020 15:27
Operator : JC/MD
Sample : L4829-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

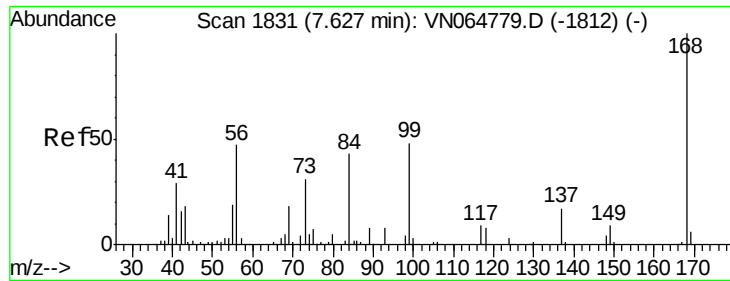
Instrument :
MSVOA_N
ClientSampleId :
MW-9

Manual Integrations
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11/25/2020 3:57:21 PM

Quant Time: Nov 25 15:23:51 2020
Quant Method : Z:\V0ASRV\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: VN064811.D

Acq: 24 Nov 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion:168 Resp: 172071

Ion Ratio Lower Upper

168 100

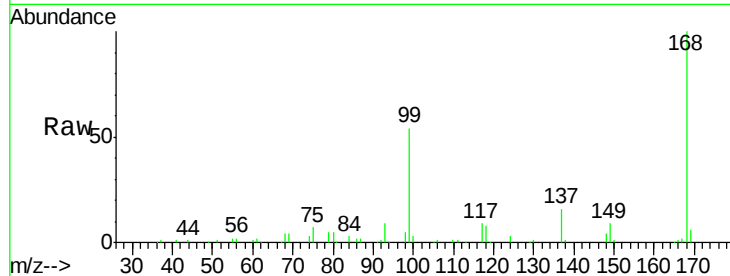
99 54.3 43.0 64.4

Manual Integrations

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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

80000

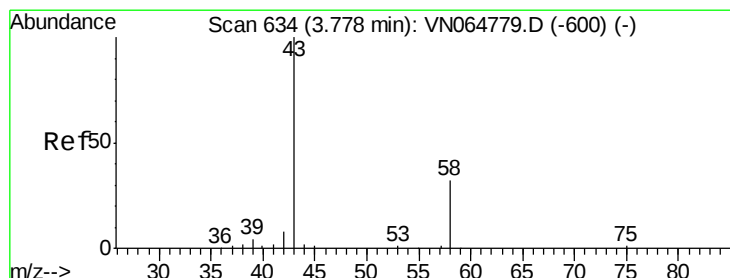
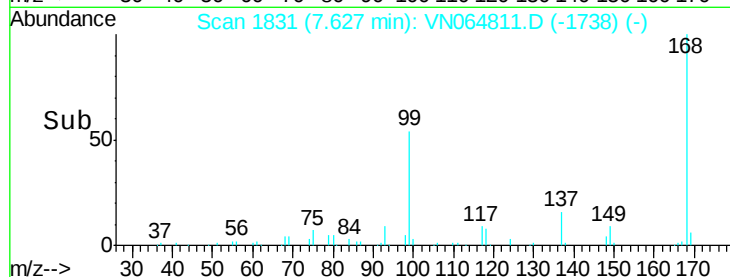
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.585 ug/l m

RT: 3.76 min Scan# 629

Delta R.T. -0.02 min

Lab File: VN064811.D

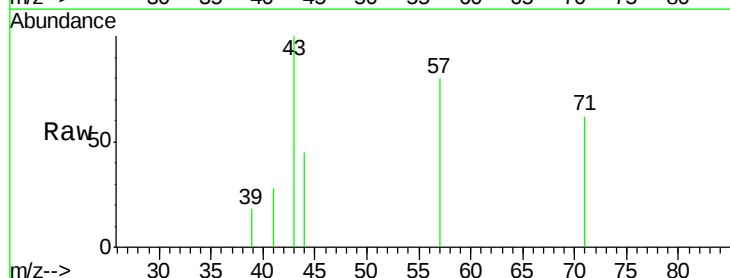
Acq: 24 Nov 2020 15:27

Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.76

1000

800

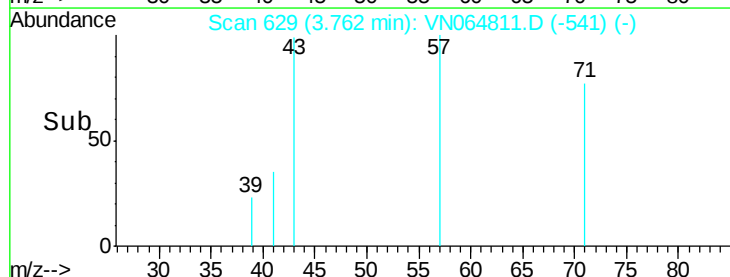
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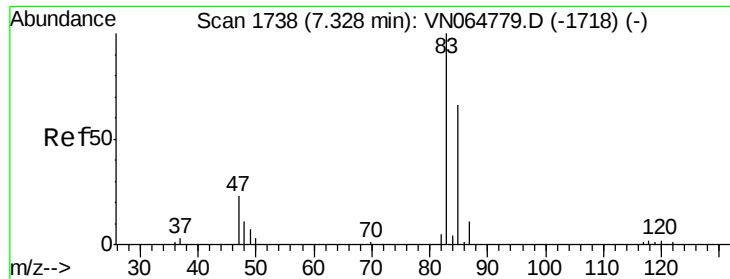
400

200

0

Time-->





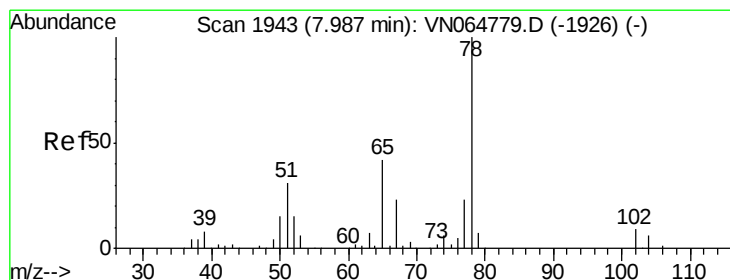
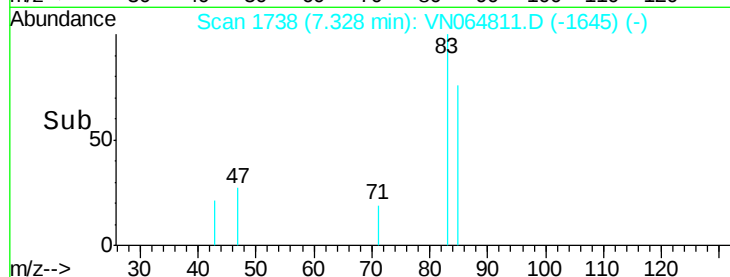
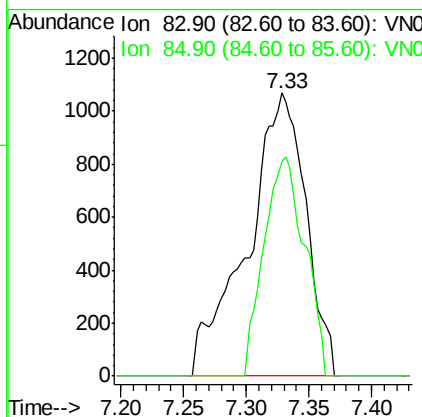
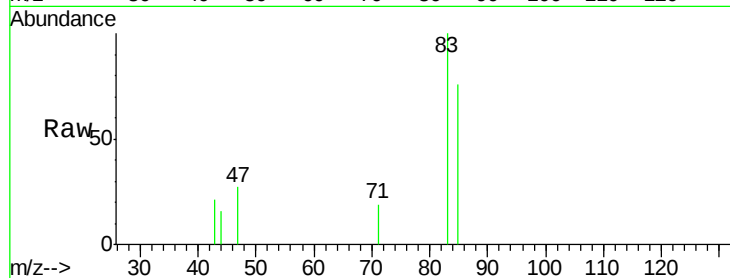
#30
Chloroform
Concen: 1.022 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tot Ion: 83 Resp: 3469
Ion Ratio Lower Upper
83 100
85 75.9 52.6 78.8

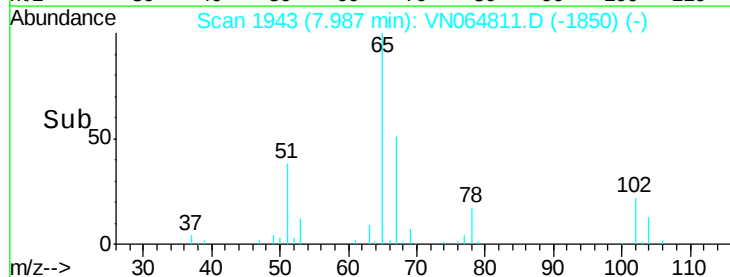
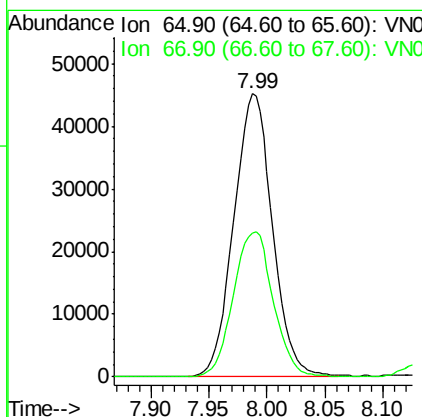
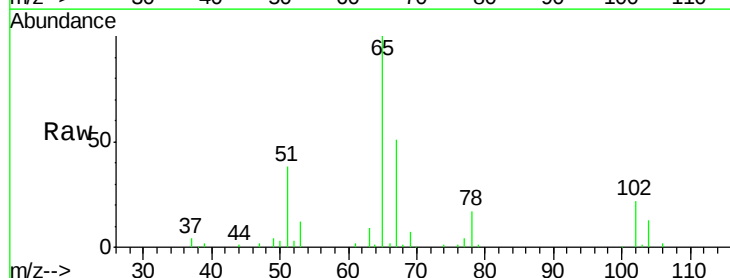
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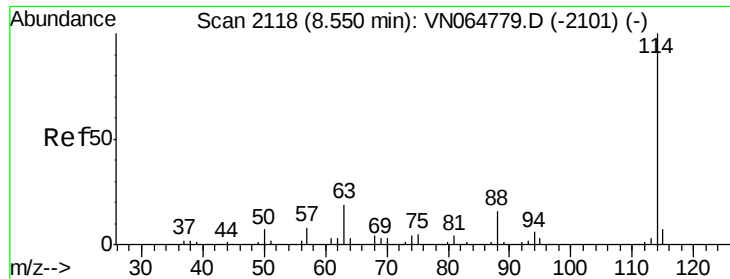
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#33
1,2-Dichloroethane-d4
Concen: 52.376 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Tgt Ion: 65 Resp: 104776
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2





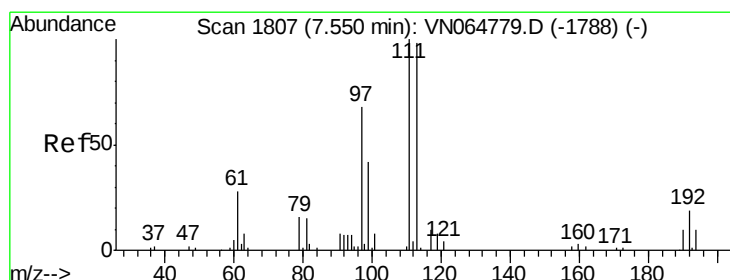
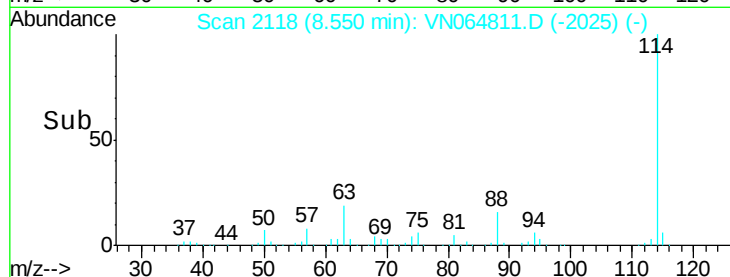
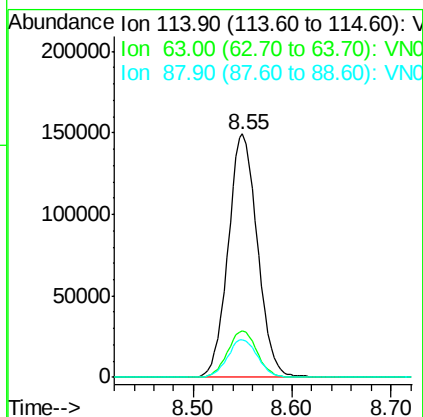
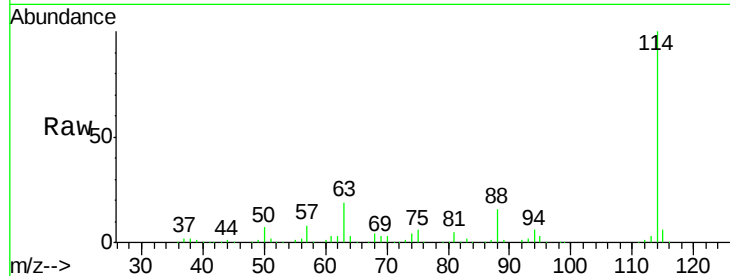
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.6	0.0	32.6

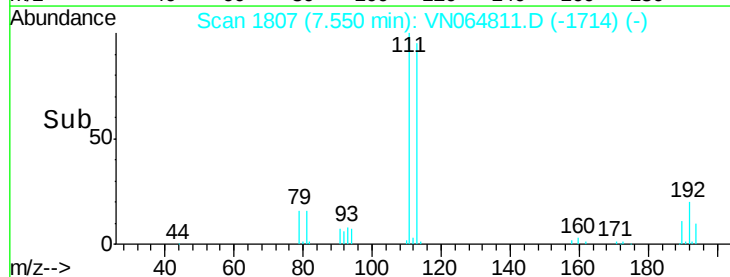
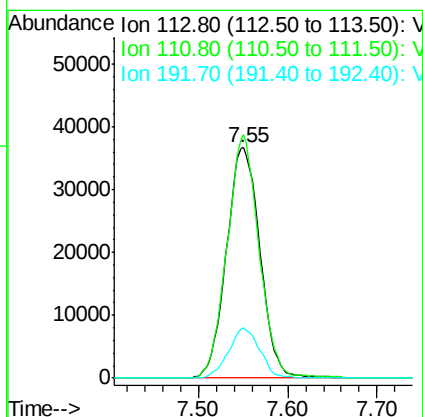
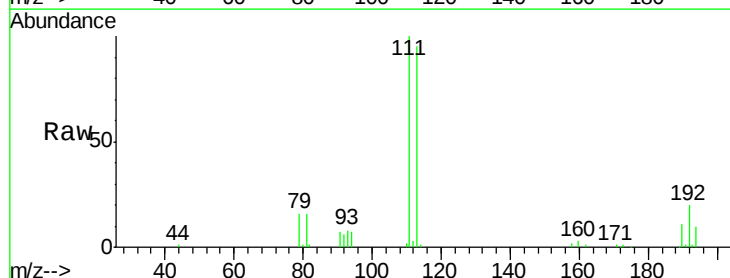
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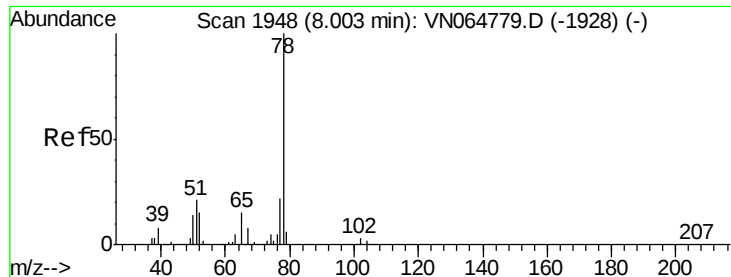
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#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.9	81.6	122.4
192	20.1	16.2	24.2





#40

Benzene

Concen: 3.377 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064811.D

Acq: 24 Nov 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

MW-9

Tot Ion: 78 Resp: 29742

Ion Ratio Lower Upper

78 100

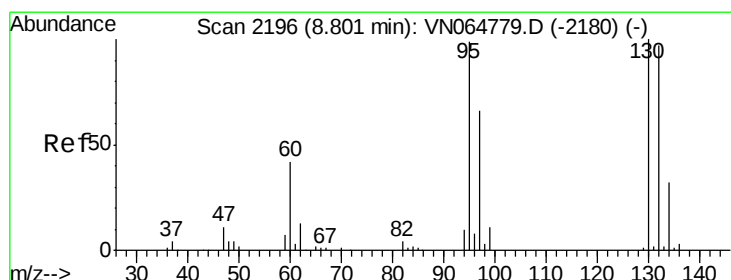
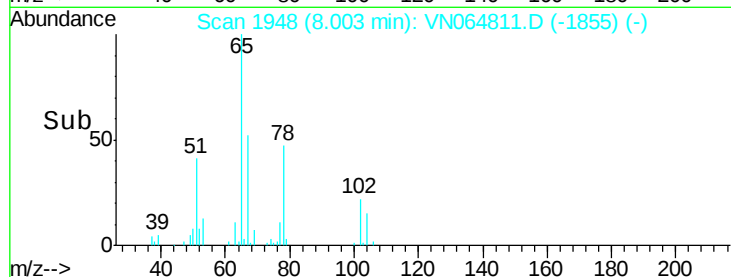
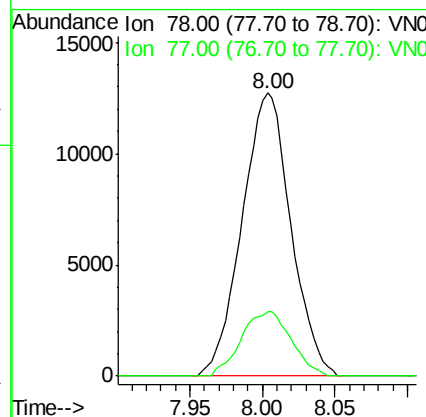
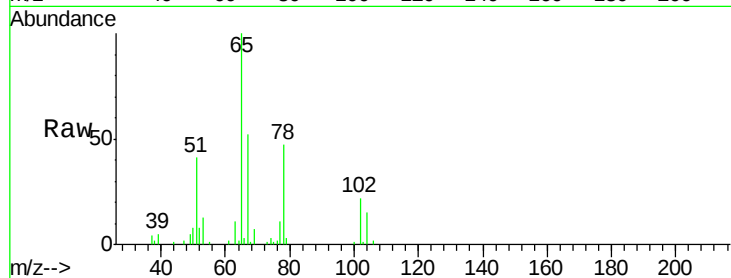
77 22.6 17.9 26.9

Manual Integrations

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#44

Trichloroethene

Concen: 0.412 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064811.D

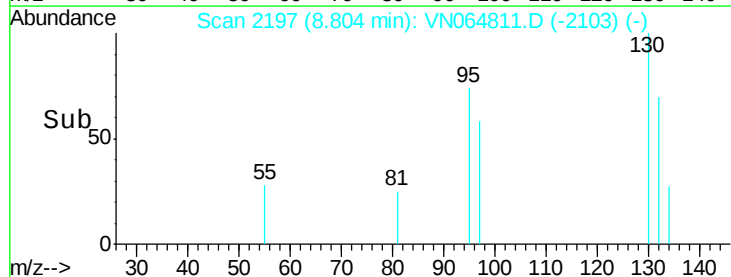
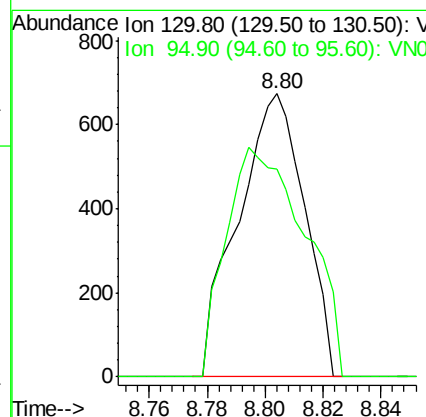
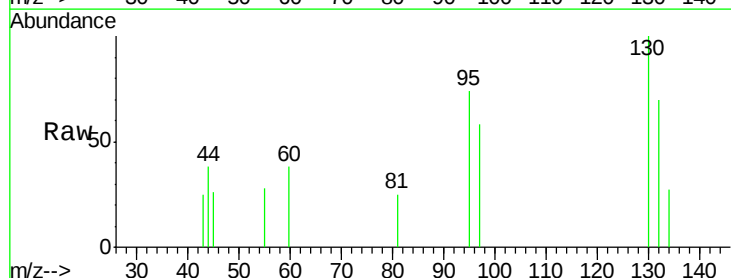
Acq: 24 Nov 2020 15:27

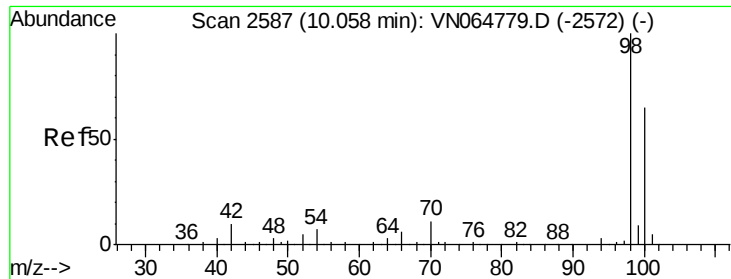
Tgt Ion: 130 Resp: 1070

Ion Ratio Lower Upper

130 100

95 73.6 0.0 197.8





#50

Toluene-d8

Concen: 50.900 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064811.D

Acq: 24 Nov 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion: 98 Resp: 385908

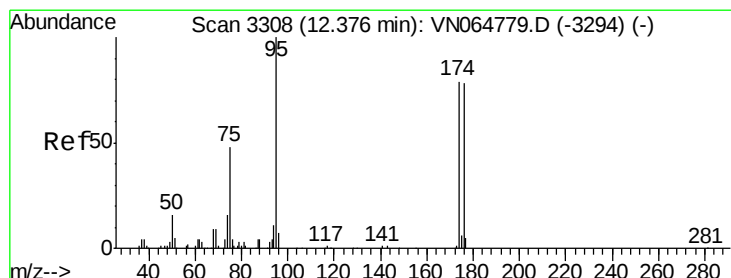
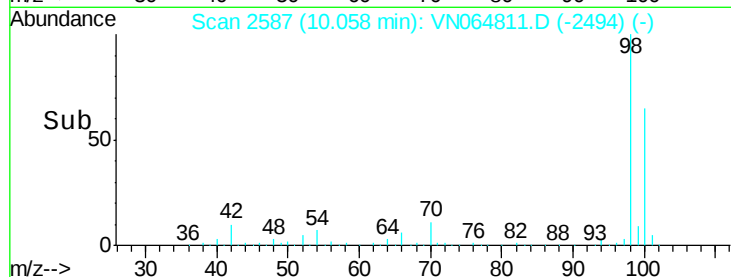
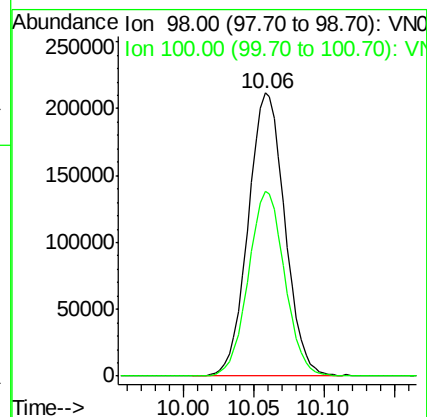
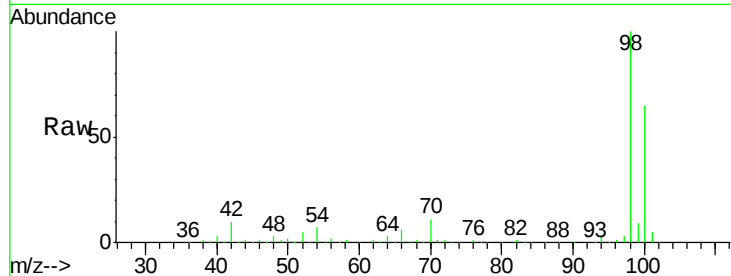
Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 57.400 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064811.D

Acq: 24 Nov 2020 15:27

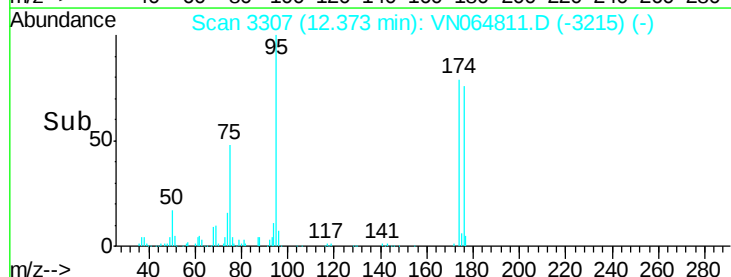
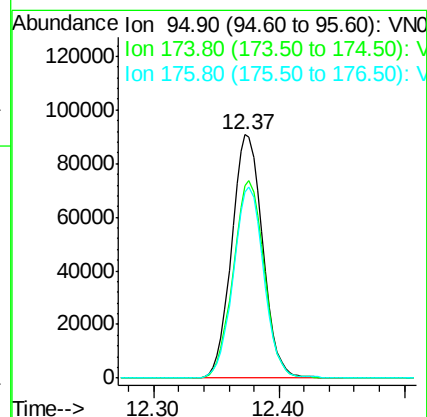
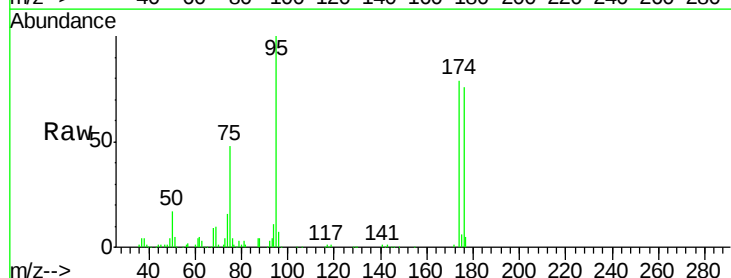
Tgt Ion: 95 Resp: 155746

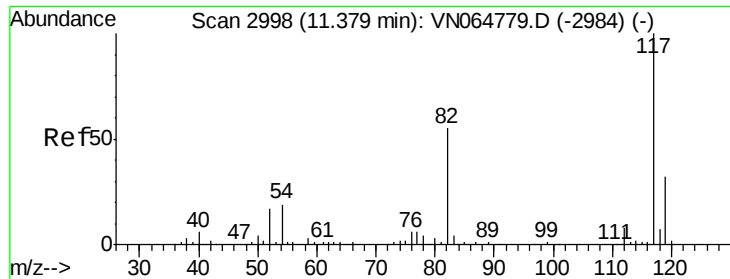
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.4

176 77.6 0.0 158.4





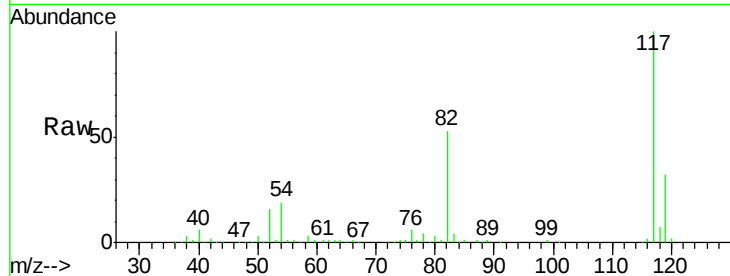
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	31.7	25.8	38.6

Manual Integrations
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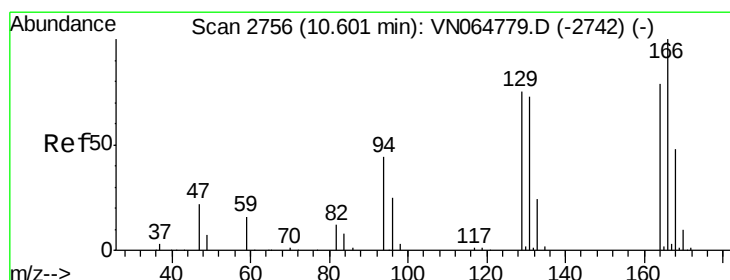
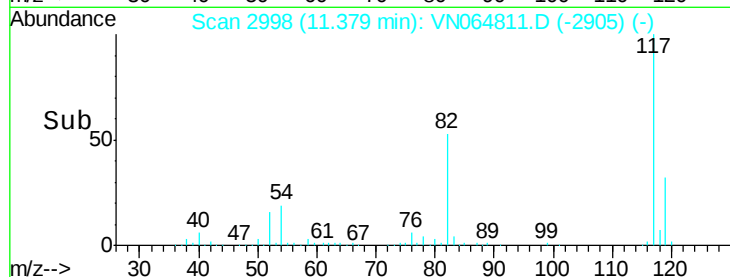
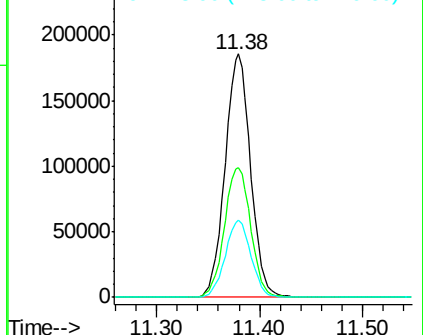


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 2.186 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.4	152.0
129	96.0	76.1	114.1
131	90.2	74.2	111.2

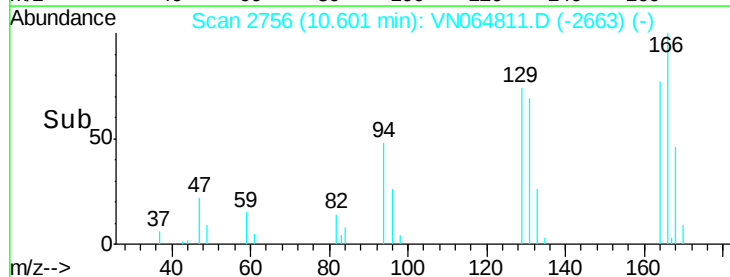
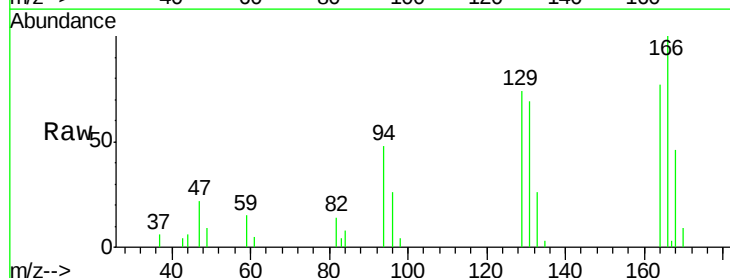
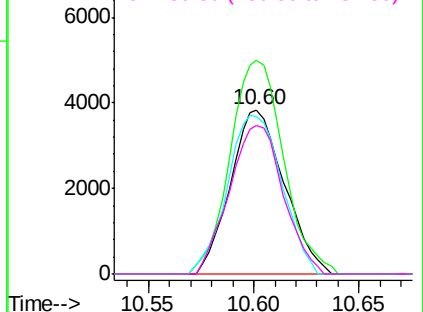
Abundance

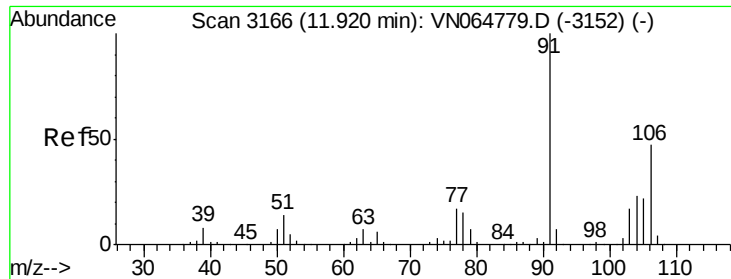
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





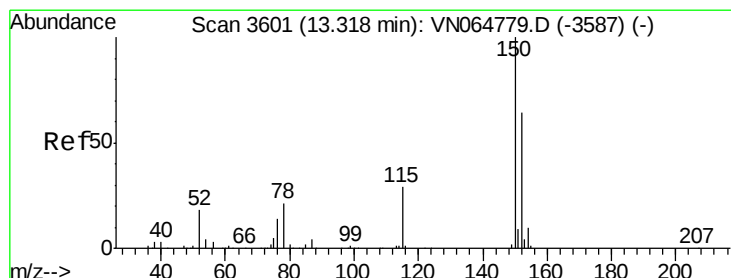
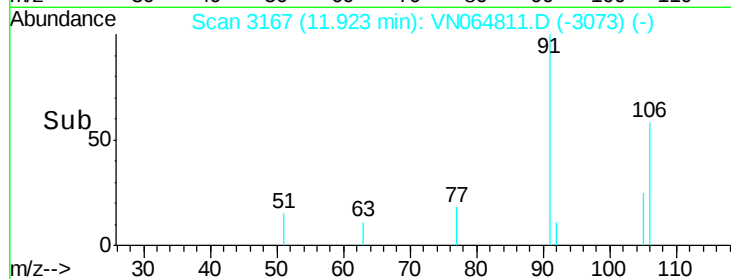
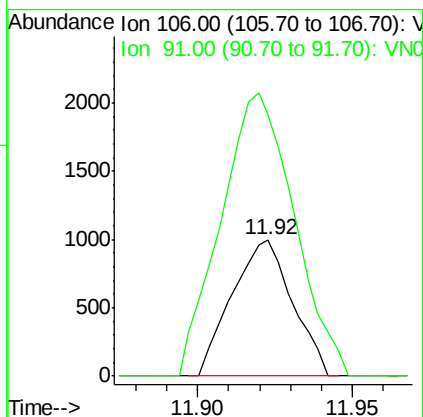
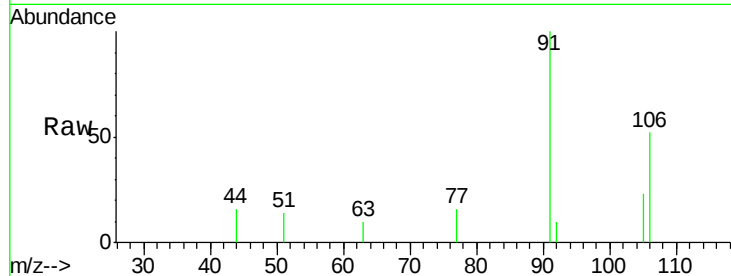
#69
o-Xylene
Concen: 0.329 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion:106 Resp: 1354
Ion Ratio Lower Upper
106 100
91 251.5 105.5 316.5

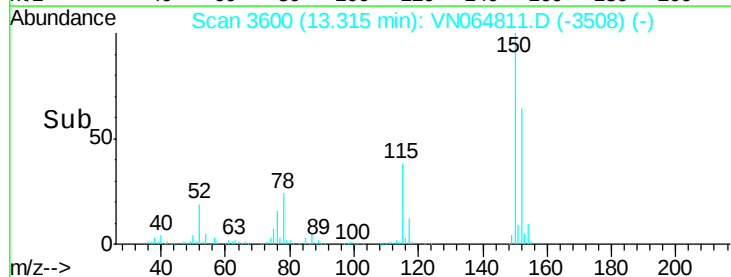
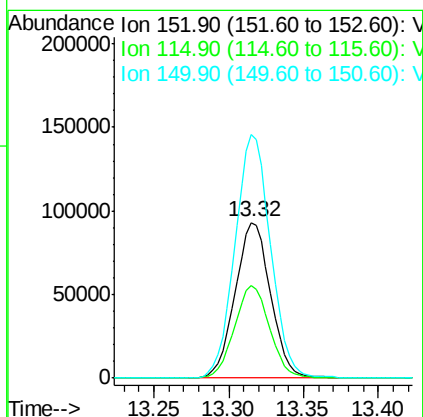
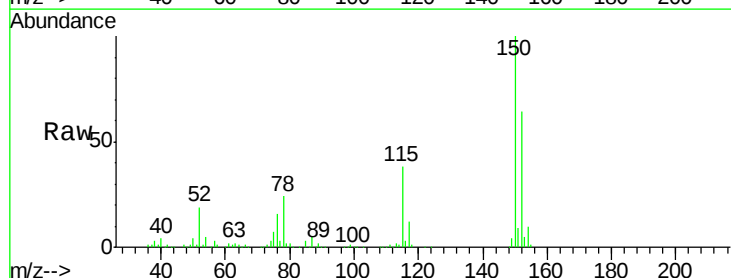
Manual Integrations
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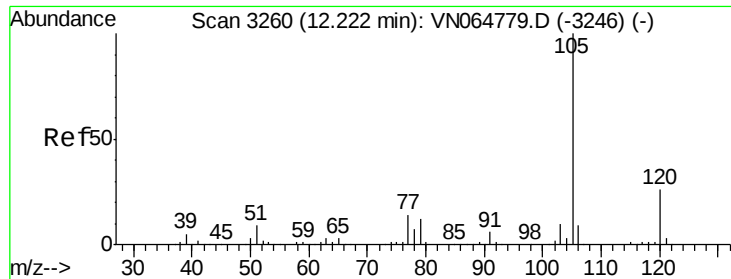
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11/25/2020 3:57:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Tgt Ion:152 Resp: 153487
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 157.7 0.0 350.6





#73

Isopropylbenzene

Concen: 2.473 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064811.D

Acq: 24 Nov 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

MW-9

Tot Ion:105 Resp: 26404

Ion Ratio Lower Upper

105 100

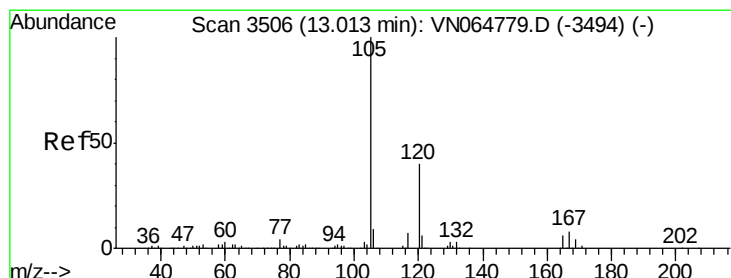
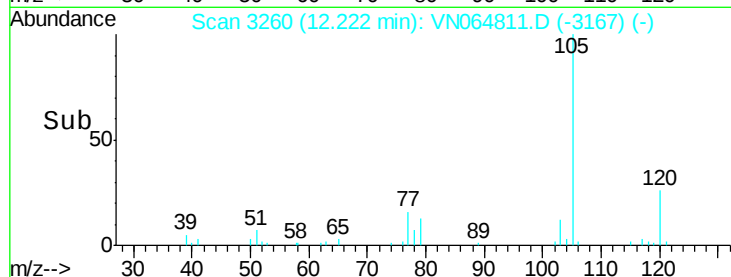
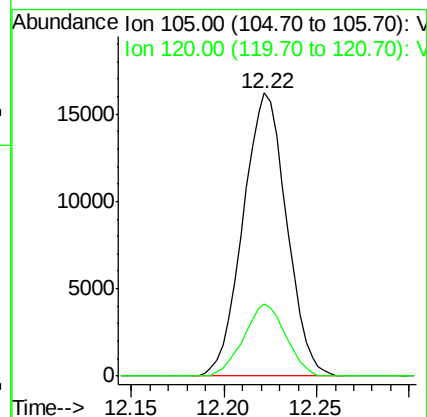
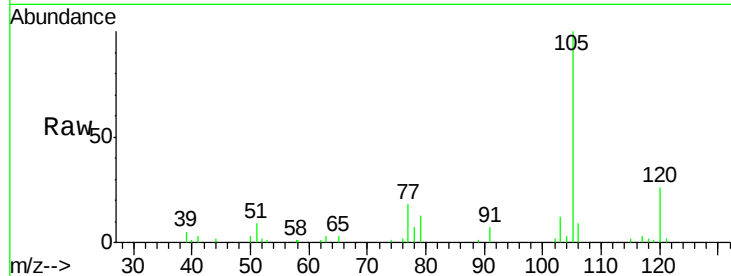
120 24.5 13.3 39.9

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 0.243 ug/l m

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064811.D

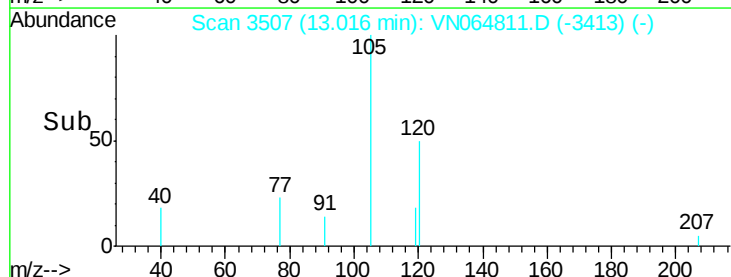
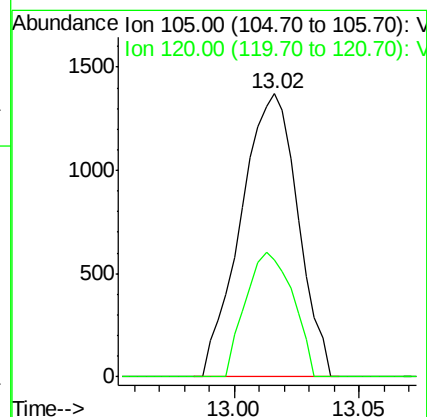
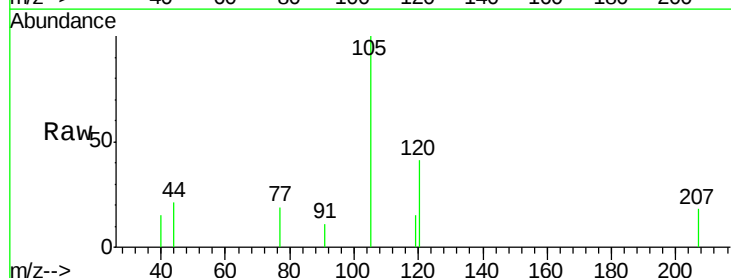
Acq: 24 Nov 2020 15:27

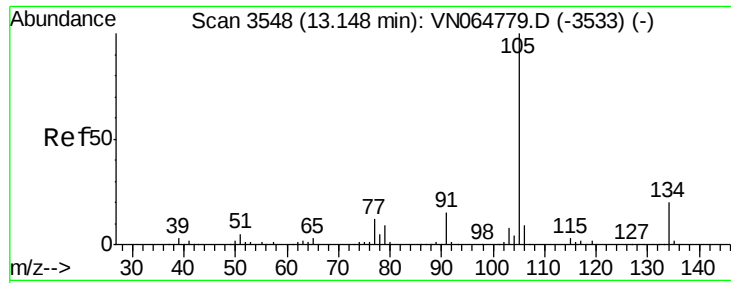
Tgt Ion:105 Resp: 2178

Ion Ratio Lower Upper

105 100

120 1103.7 23.1 69.2#





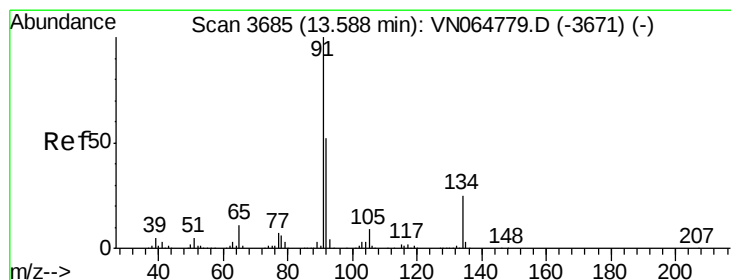
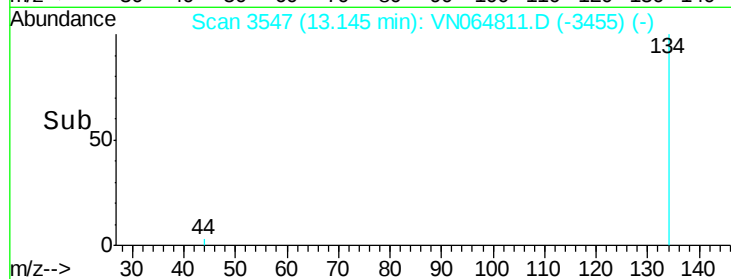
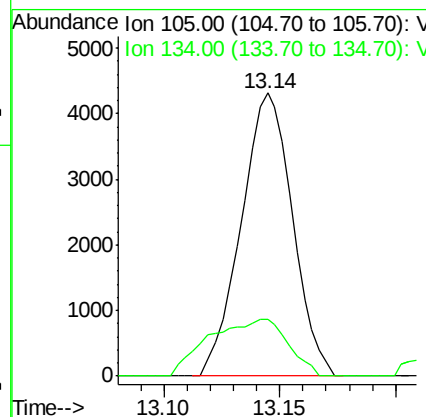
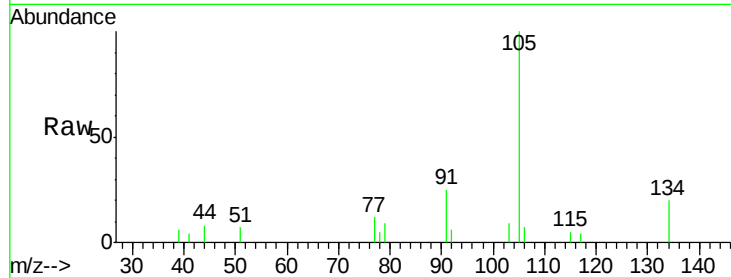
#85
 sec-Butylbenzene
 Concen: 0.671 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064811.D
 Acq: 24 Nov 2020 15:27

Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

Tot Ion: 105 Resp: 6626
 Ion Ratio Lower Upper
 105 100
 134 30.9 10.1 30.1#

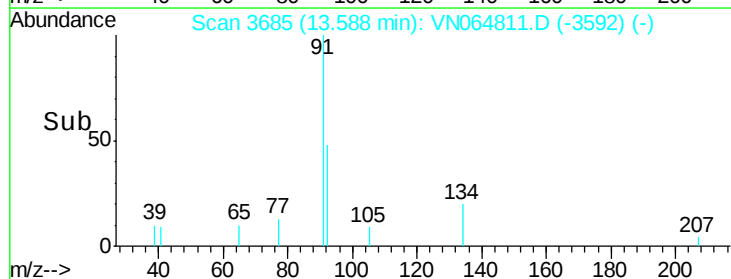
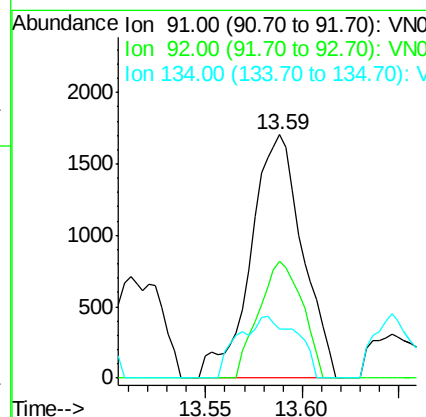
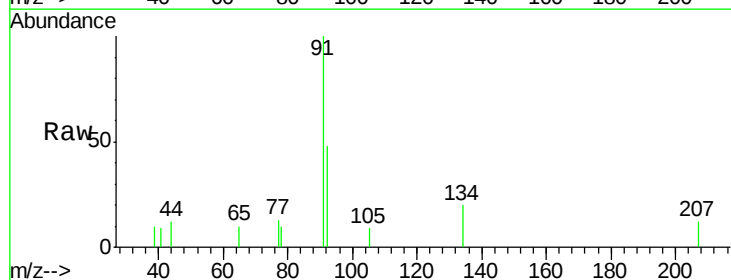
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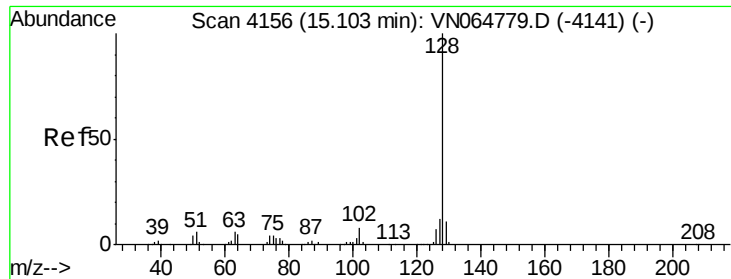
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#89
 n-Butylbenzene
 Concen: 0.400 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064811.D
 Acq: 24 Nov 2020 15:27

Tgt Ion: 91 Resp: 3161
 Ion Ratio Lower Upper
 91 100
 92 40.7 26.0 78.0
 134 28.9 12.9 38.6





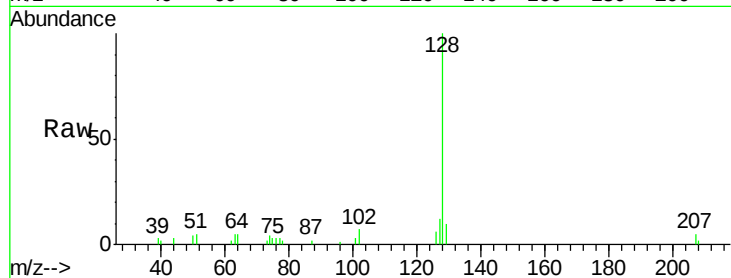
#95
Naphthalene
Concen: 2.076 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064811.D
Acq: 24 Nov 2020 15:27

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	9.7	8.7	13.1

Manual Integrations
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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

