

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064941.D
 Acq On : 7 Dec 2020 13:35
 Operator : JC/MD
 Sample : L4954-05RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Dec 08 08:58:52 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	181221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109183	51.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.64%
35) Dibromofluoromethane	7.55	113	100941	52.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.86%
50) Toluene-d8	10.06	98	402798	51.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.42%
62) 4-Bromofluorobenzene	12.38	95	165179	58.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.34%

Target Compounds

					Qvalue
16) Acetone	3.79	43	1953m	2.820	ug/l
39) Methylcyclohexane	9.03	83	4422m	1.377	ug/l
78) n-propylbenzene	12.57	91	2794	0.221	ug/l
80) 1,3,5-Trimethylbenzene	12.70	105	2007	0.217	ug/l
84) 1,2,4-Trimethylbenzene	13.01	105	14194	1.520	ug/l
95) Naphthalene	15.10	128	21344	2.203	ug/l

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

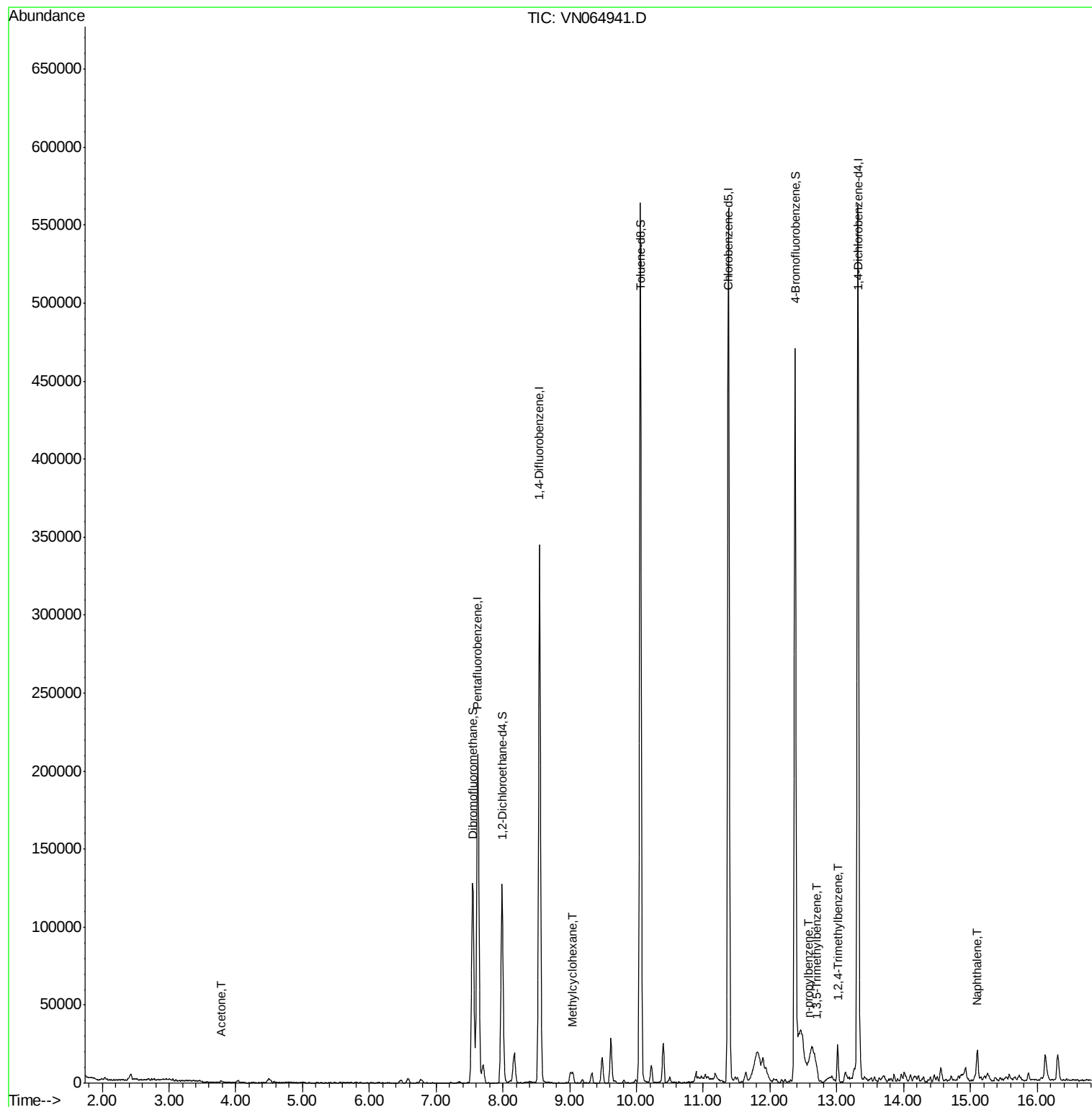
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
Data File : VN064941.D
Acq On : 7 Dec 2020 13:35
Operator : JC/MD
Sample : L4954-05RE
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

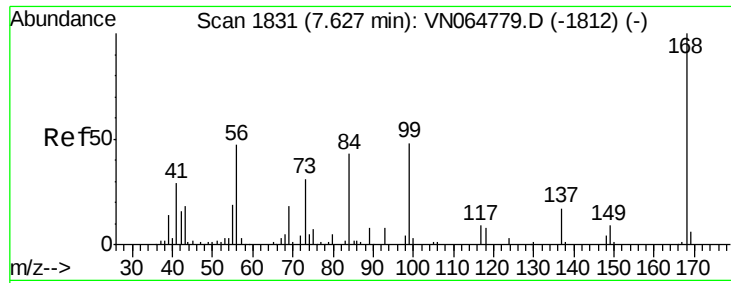
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6095-120120RE

Manual Integrations
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Quant Time: Dec 08 08:58:52 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: VN064941.D

Acq: 7 Dec 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6095-120120RE

Tot Ion:168 Resp: 181221

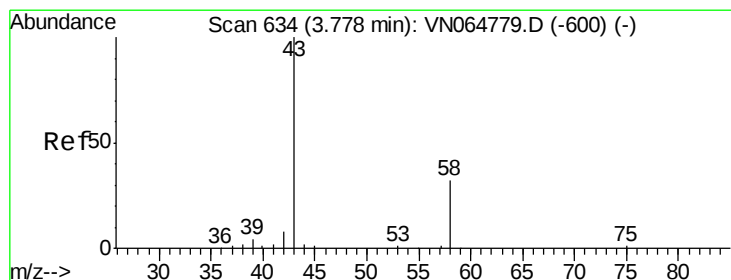
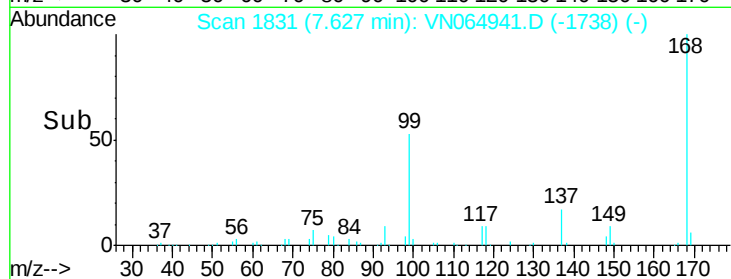
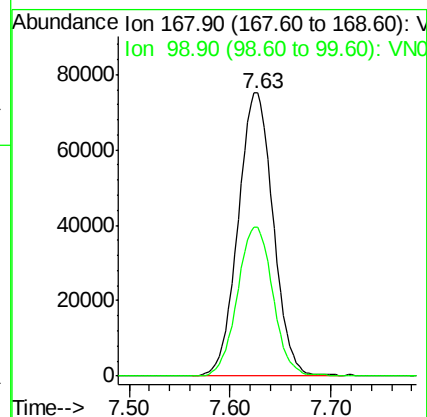
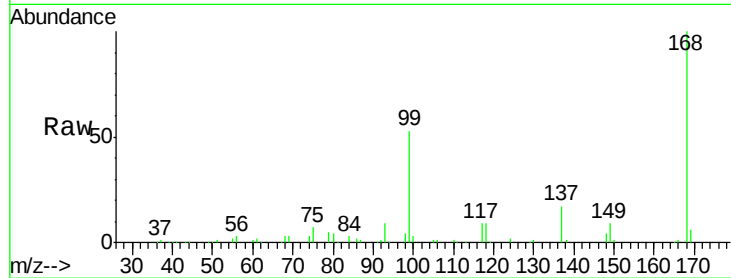
Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.4

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#16

Acetone

Concen: 2.820 ug/l m

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064941.D

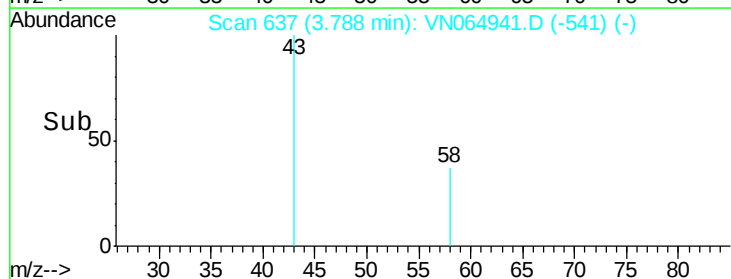
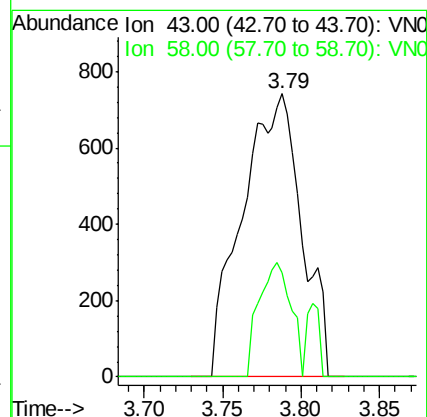
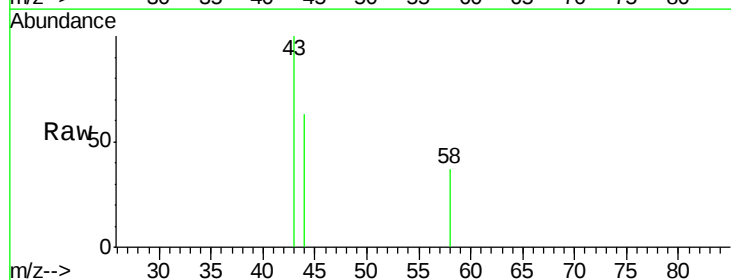
Acq: 7 Dec 2020 13:35

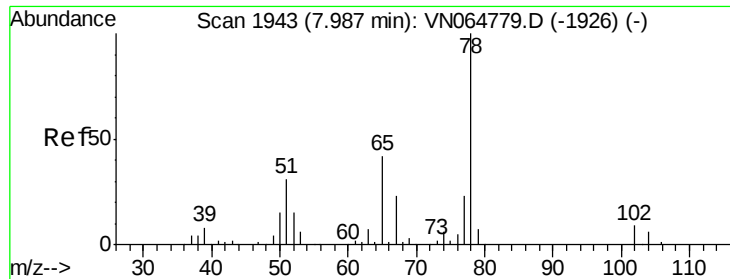
Tgt Ion: 43 Resp: 1953

Ion Ratio Lower Upper

43 100

58 36.8 25.7 38.5





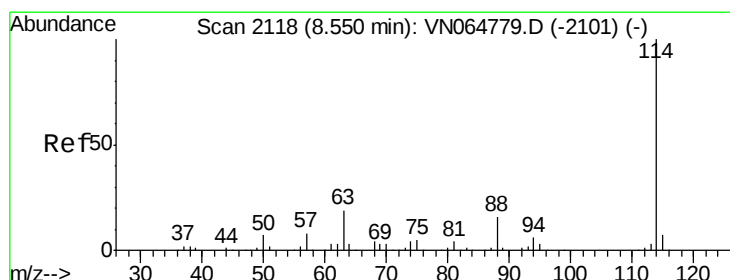
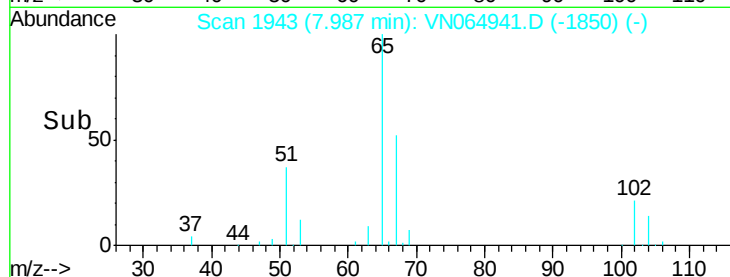
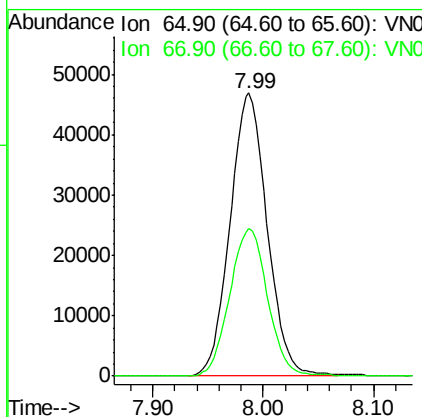
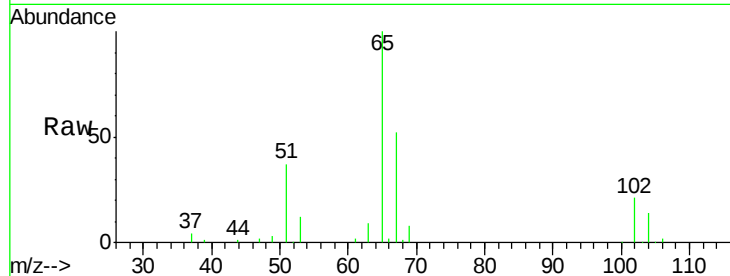
#33
 1,2-Dichloroethane-d4
 Concen: 51.824 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064941.D
 Acq: 7 Dec 2020 13:35

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109183		
67	53.2	0.0	108.2	

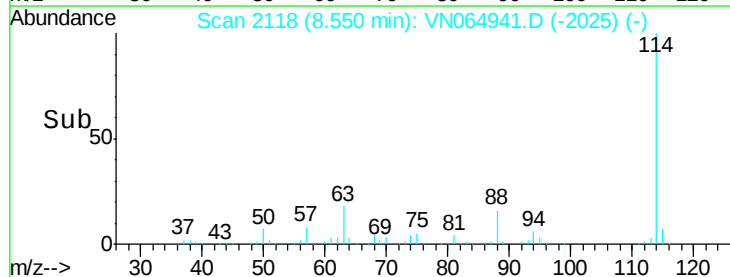
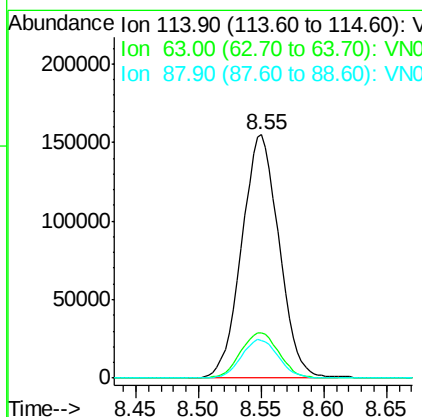
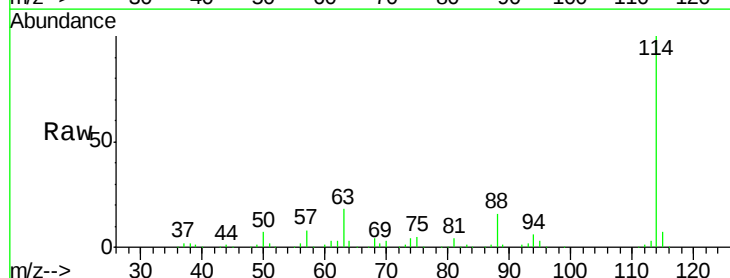
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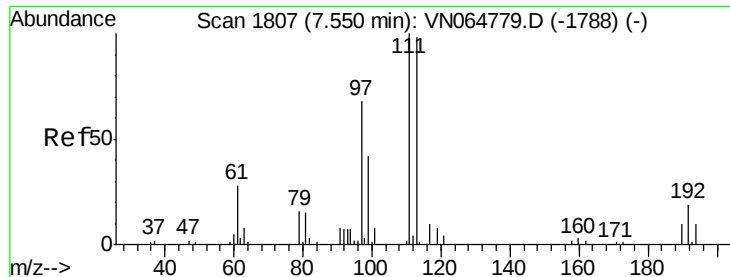
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064941.D
 Acq: 7 Dec 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	321745		
63	18.5	0.0	38.6	
88	15.6	0.0	32.6	





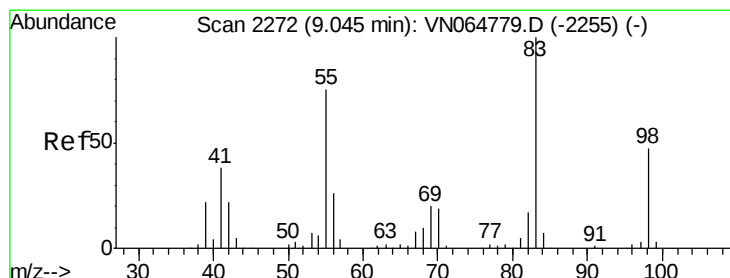
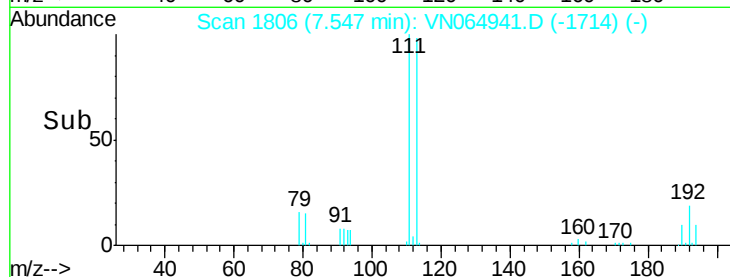
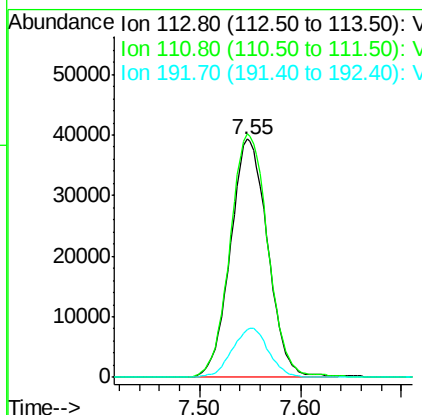
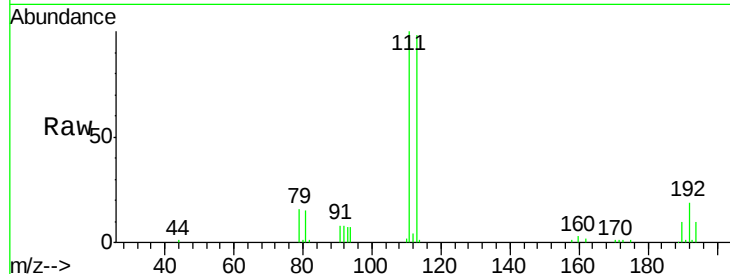
#35
Dibromofluoromethane
Concen: 52.431 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064941.D
Acq: 7 Dec 2020 13:35

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	20.0	16.2	24.2

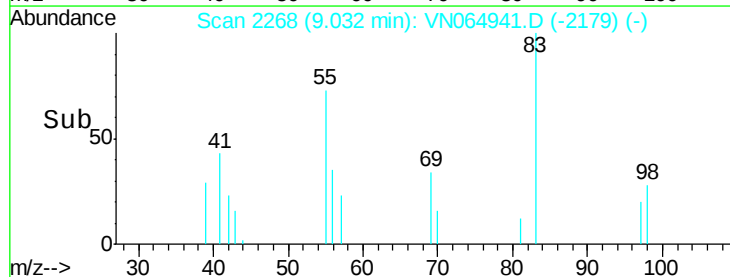
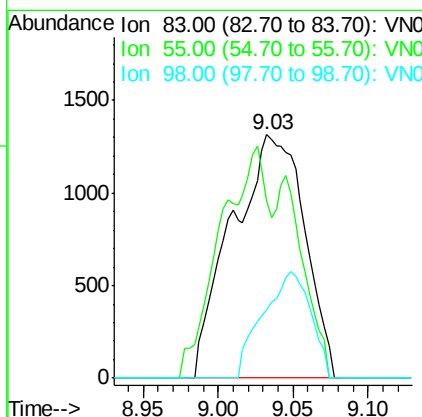
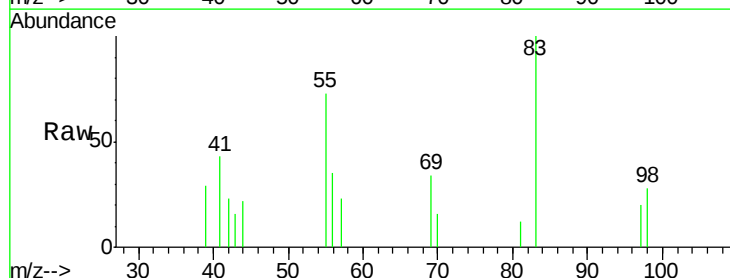
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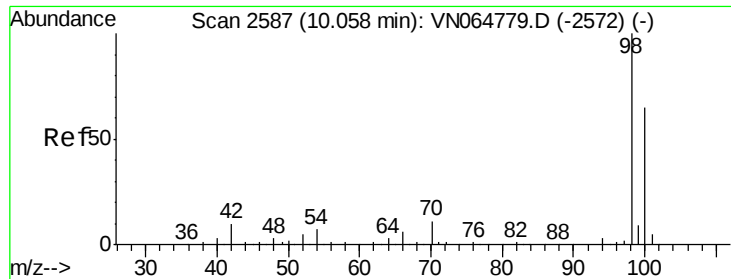
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#39
Methylcyclohexane
Concen: 1.377 ug/l m
RT: 9.03 min Scan# 2268
Delta R.T. -0.01 min
Lab File: VN064941.D
Acq: 7 Dec 2020 13:35

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.2	90.2
98	28.3	37.4	56.2#





#50

Toluene-d8

Concen: 51.206 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064941.D

Acq: 7 Dec 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6095-120120RE

Tot Ion: 98 Resp: 402798

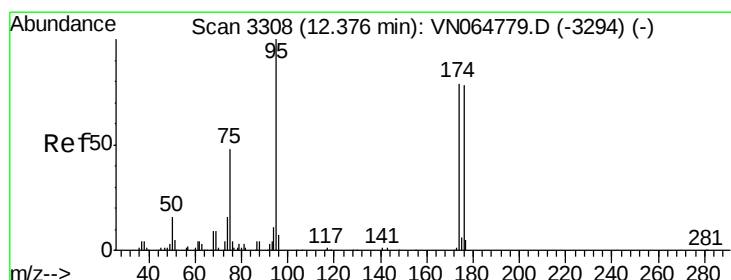
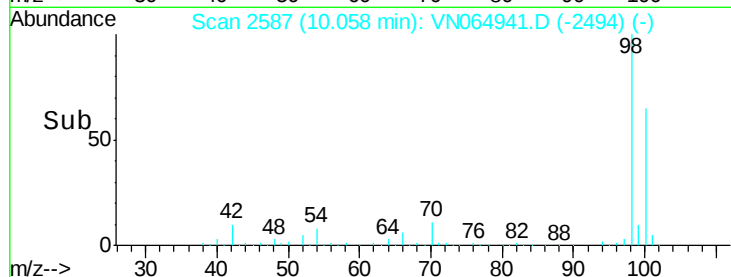
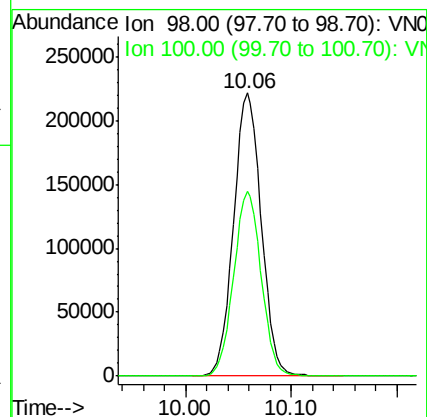
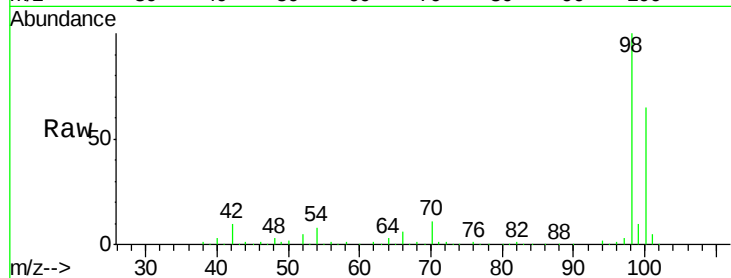
Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

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#62

4-Bromofluorobenzene

Concen: 58.674 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064941.D

Acq: 7 Dec 2020 13:35

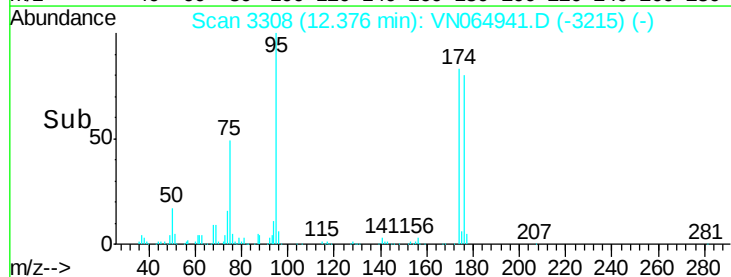
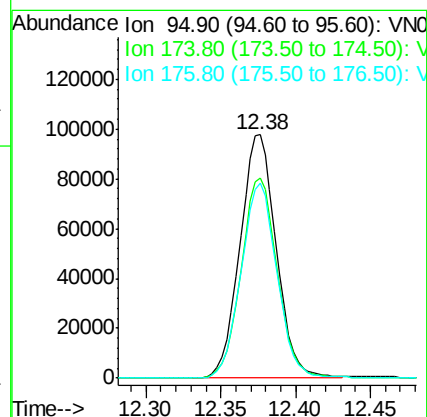
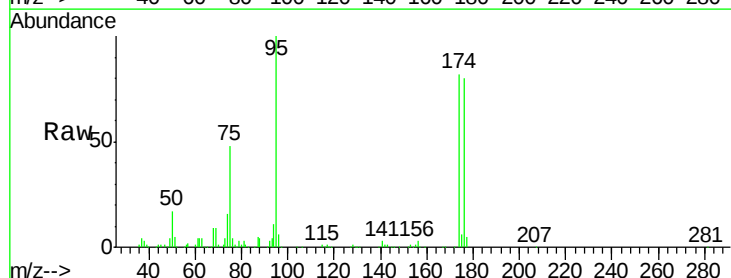
Tgt Ion: 95 Resp: 165179

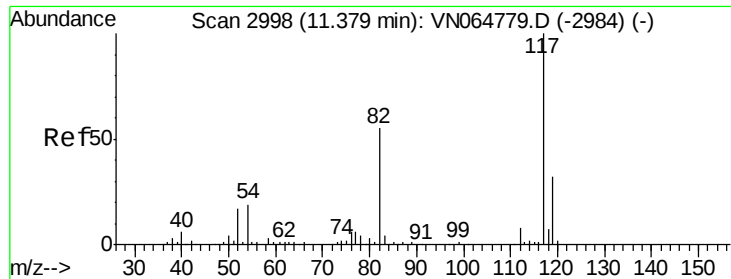
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.4

176 79.3 0.0 158.4





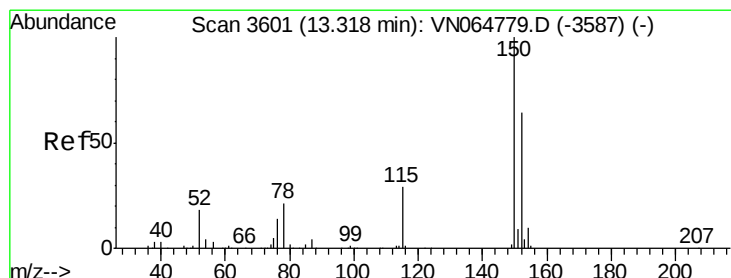
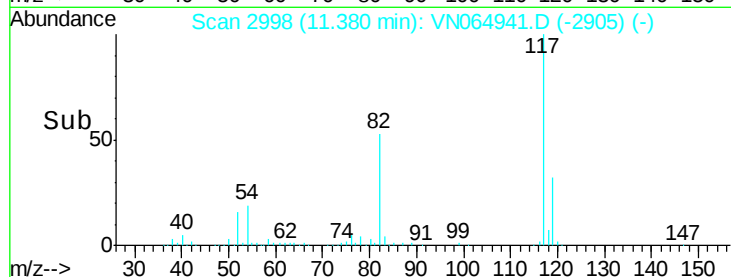
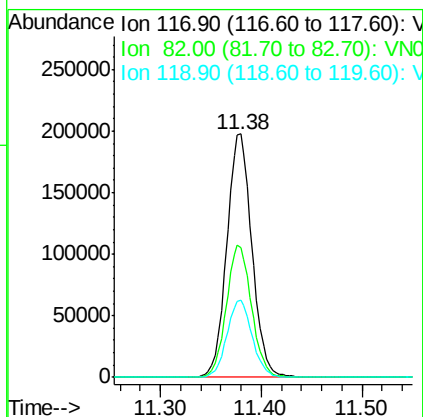
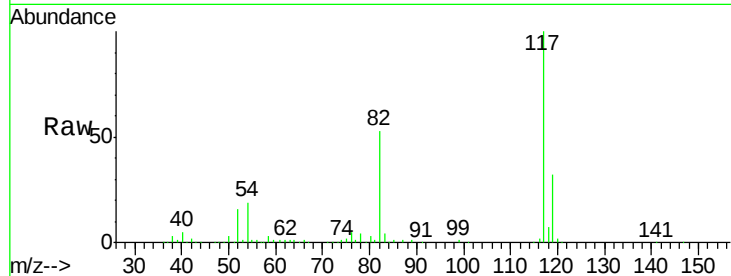
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064941.D
Acq: 7 Dec 2020 13:35

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	343975		
82	53.4	44.2	66.2	
119	31.7	25.8	38.6	

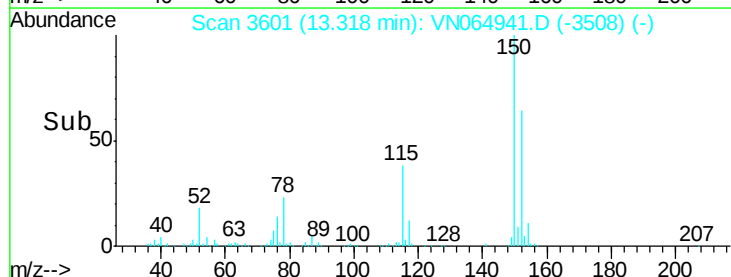
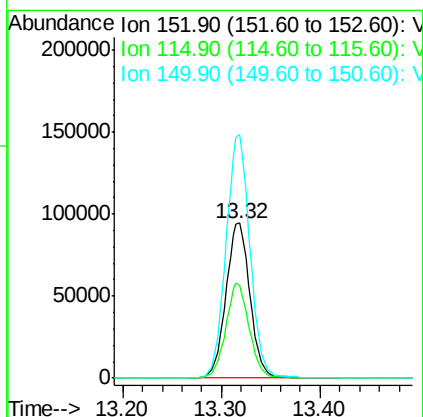
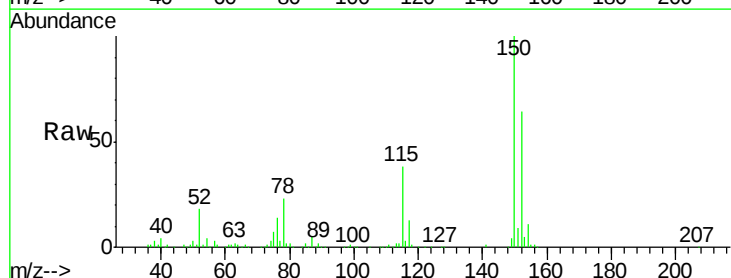
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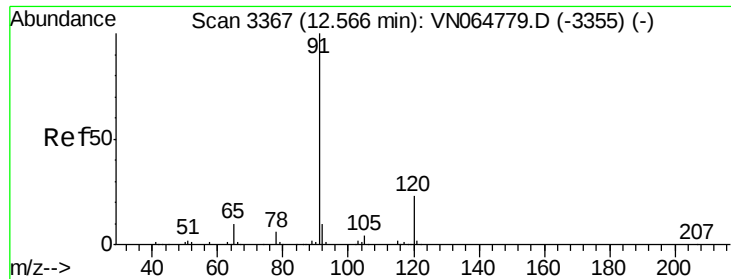
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064941.D
Acq: 7 Dec 2020 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	159786		
115	59.6	29.7	89.1	
150	158.1	0.0	350.6	





#78

n-propylbenzene

Concen: 0.221 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064941.D

Acq: 7 Dec 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6095-120120RE

Tot Ion: 91 Resp: 2794

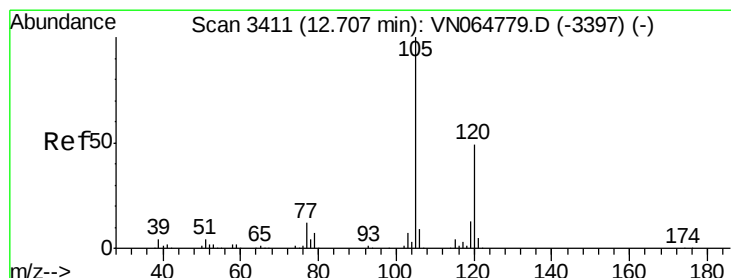
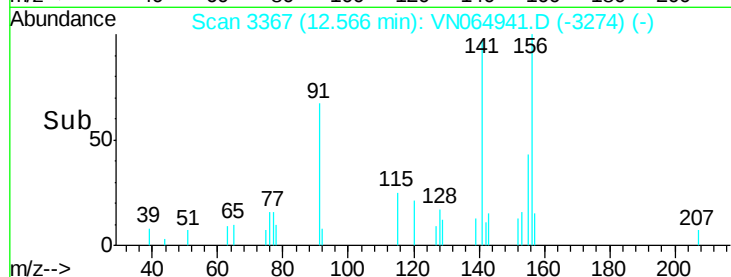
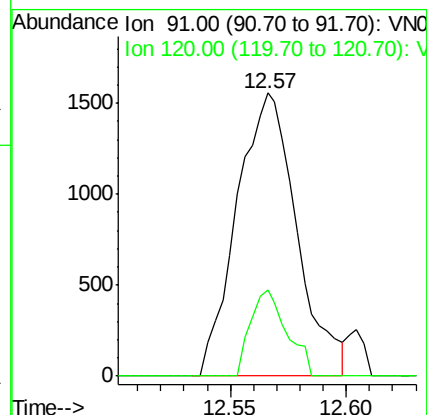
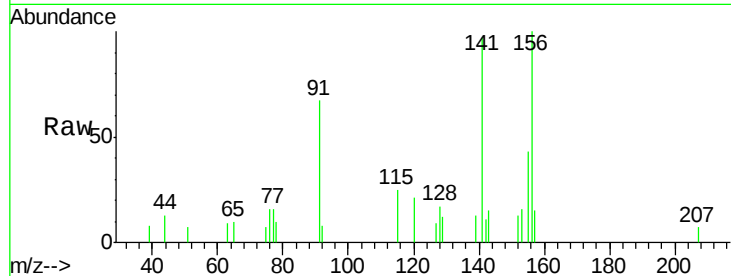
Ion Ratio Lower Upper

91 100

120 18.5 11.6 34.7

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#80

1,3,5-Trimethylbenzene

Concen: 0.217 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064941.D

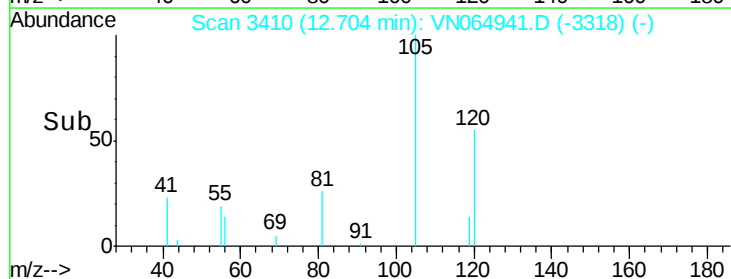
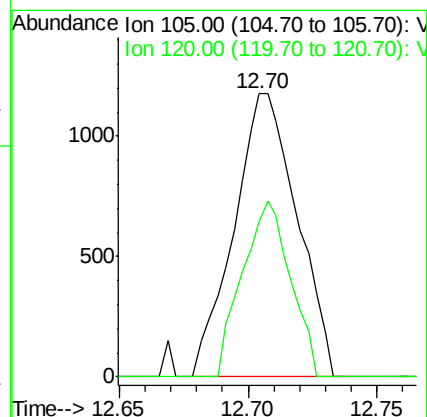
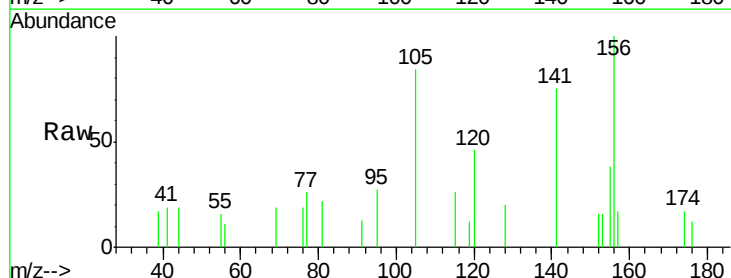
Acq: 7 Dec 2020 13:35

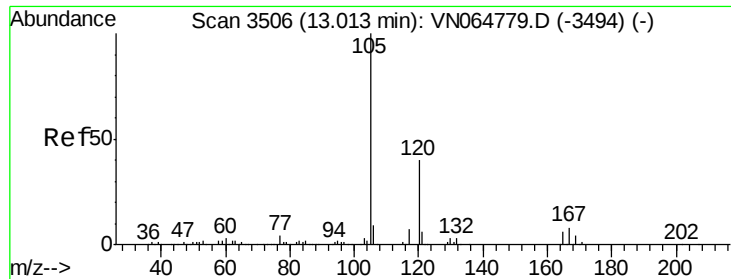
Tgt Ion: 105 Resp: 2007

Ion Ratio Lower Upper

105 100

120 47.5 24.6 73.6





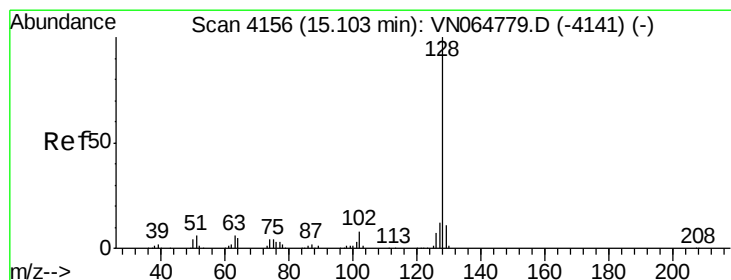
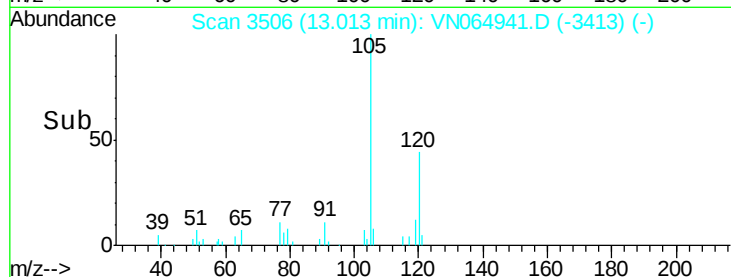
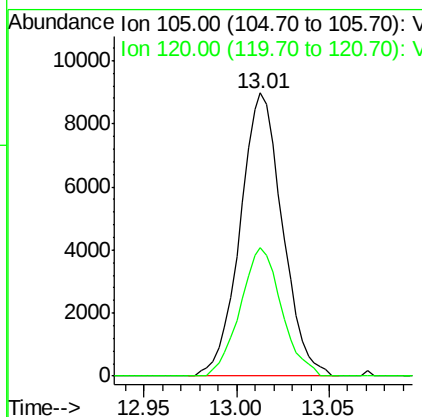
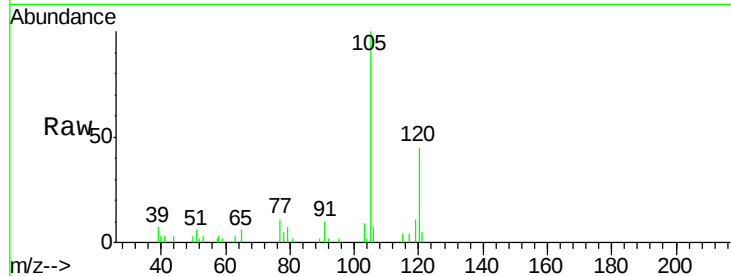
#84
 1,2,4-Trimethylbenzene
 Concen: 1.520 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064941.D
 Acq: 7 Dec 2020 13:35

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.1	69.2

Manual Integrations
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#95
 Naphthalene
 Concen: 2.203 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064941.D
 Acq: 7 Dec 2020 13:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.3	8.7	13.1

