

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064940.D
 Acq On : 7 Dec 2020 13:11
 Operator : JC/MD
 Sample : L4954-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6511-120120RE

Manual Integrations
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 12/8/2020 5:04:06 PM

Quant Time: Dec 08 07:32:59 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	200731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	337969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	353423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111243	47.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.34%		
35) Dibromofluoromethane	7.55	113	103807	51.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.66%		
50) Toluene-d8	10.06	98	442250	53.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.04%		
62) 4-Bromofluorobenzene	12.37	95	173218	58.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	117.16%		

Target Compounds

						Qvalue
31) Cyclohexane	7.61	56	1024085	314.859	ug/l	96
39) Methylcyclohexane	9.05	83	1116960	331.217	ug/l	97
40) Benzene	8.00	78	51174	5.331	ug/l	99
67) Ethyl Benzene	11.48	91	1177356	92.858	ug/l	100
68) m/p-Xylenes	11.59	106	9900m	2.062	ug/l	
69) o-Xylene	11.92	106	4328	0.950	ug/l	94
73) Isopropylbenzene	12.22	105	662541	54.656	ug/l	100
78) n-propylbenzene	12.56	91	757021	54.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	829519	82.329	ug/l	100
83) tert-Butylbenzene	12.97	119	25085	2.970	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.01	105	5602002	549.905	ug/l	90
85) sec-Butylbenzene	13.14	105	183720	16.384	ug/l	81
86) p-Isopropyltoluene	13.26	119	143142	14.021	ug/l	99
89) n-Butylbenzene	13.59	91	101963	11.373	ug/l #	79
95) Naphthalene	15.10	128	1993586	188.685	ug/l	99

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

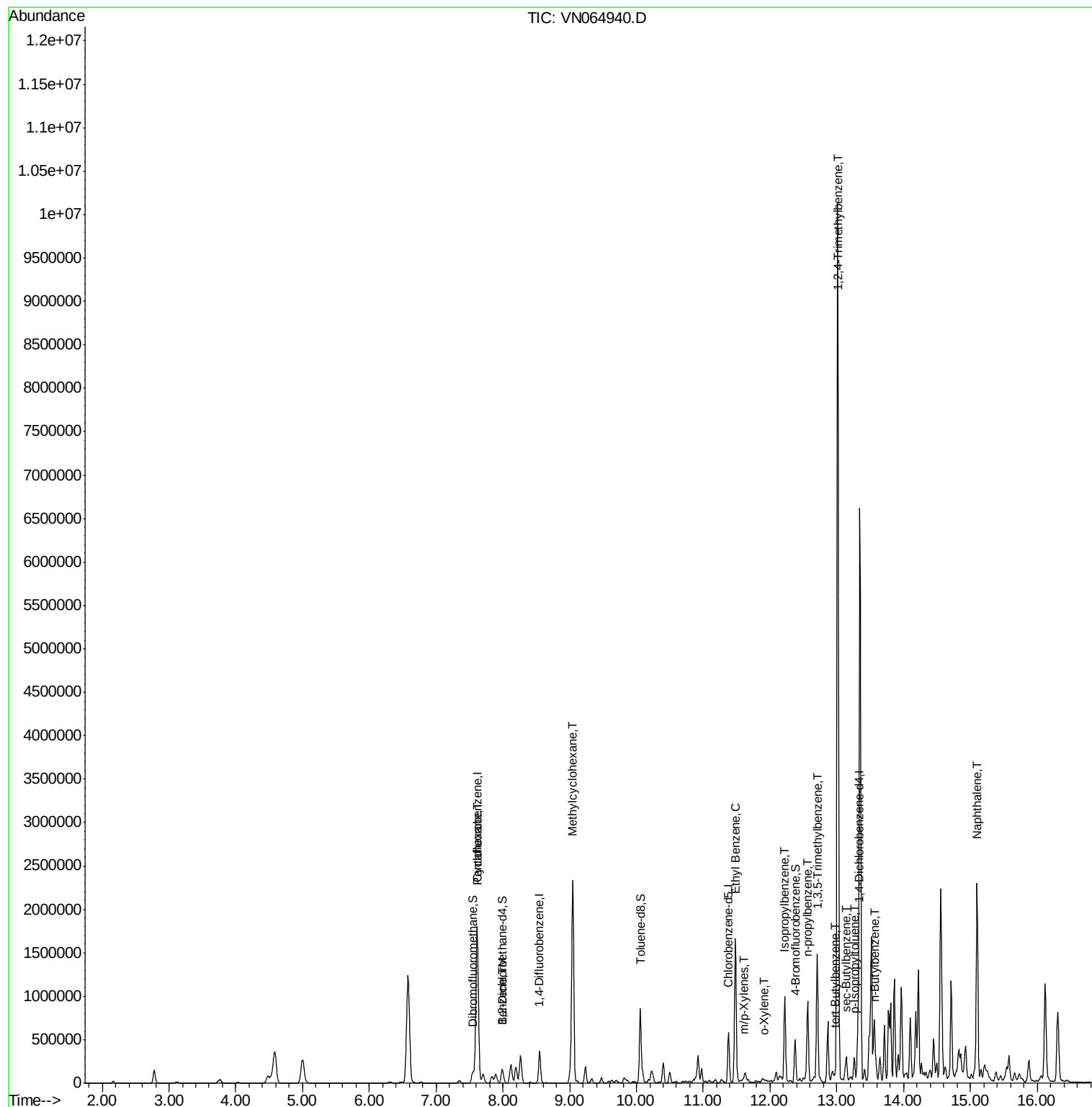
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
Data File : VN064940.D
Acq On : 7 Dec 2020 13:11
Operator : JC/MD
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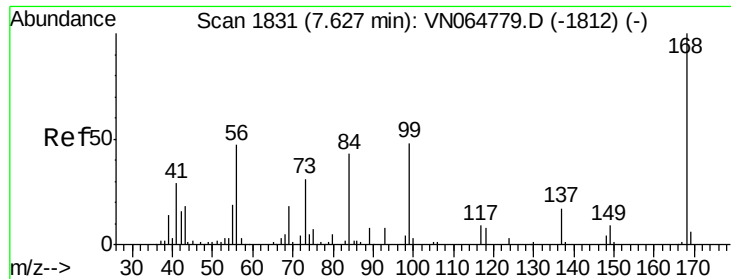
Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

Manual Integrations
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Quant Time: Dec 08 07:32:59 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: VN064940.D

Acq: 7 Dec 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6511-120120RE

Tot Ion:168 Resp: 200731

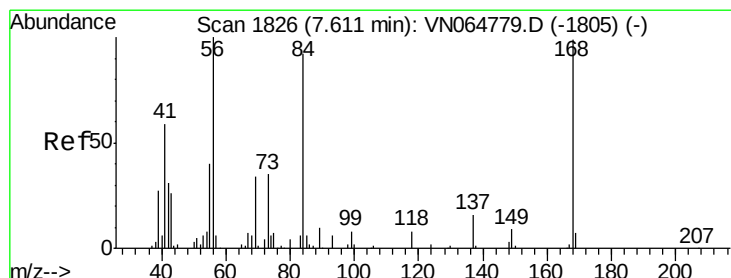
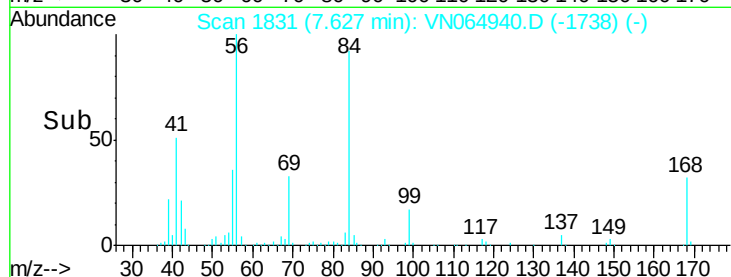
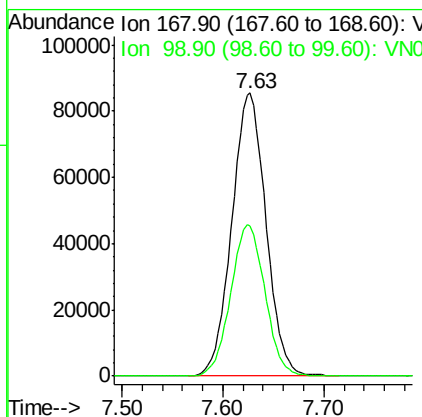
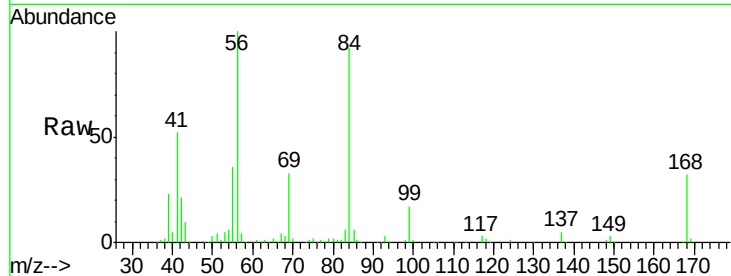
Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4

Manual Integrations
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#31

Cyclohexane

Concen: 314.859 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

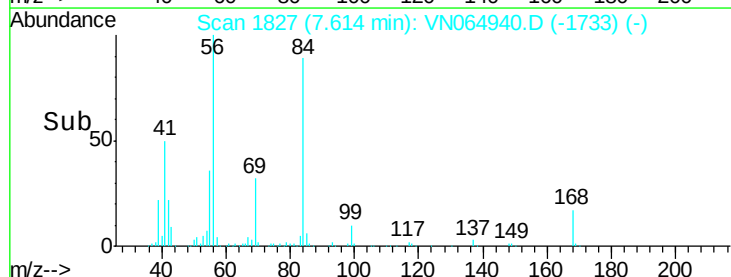
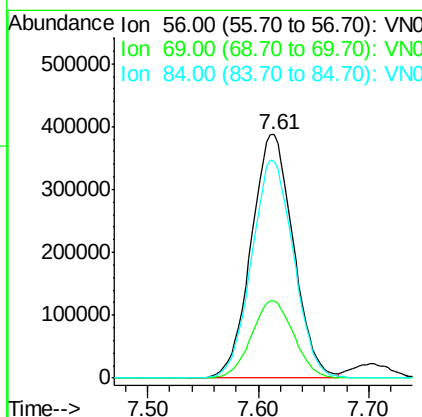
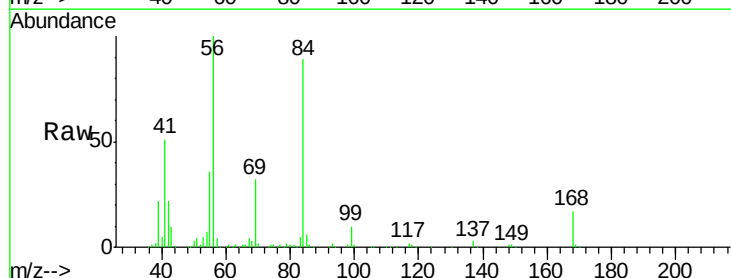
Tgt Ion: 56 Resp: 1024085

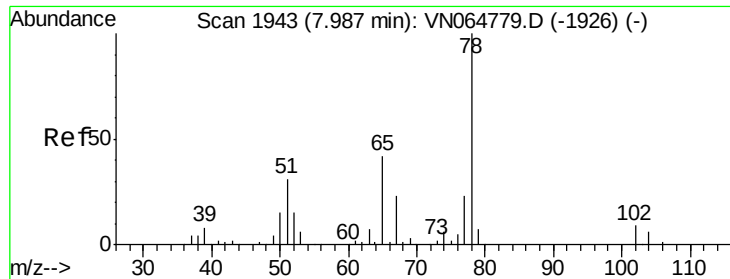
Ion Ratio Lower Upper

56 100

69 31.9 27.5 41.3

84 89.1 73.9 110.9





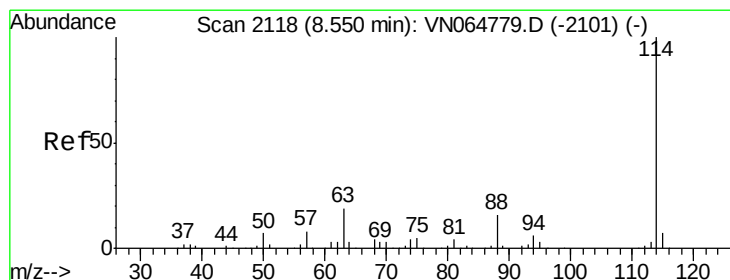
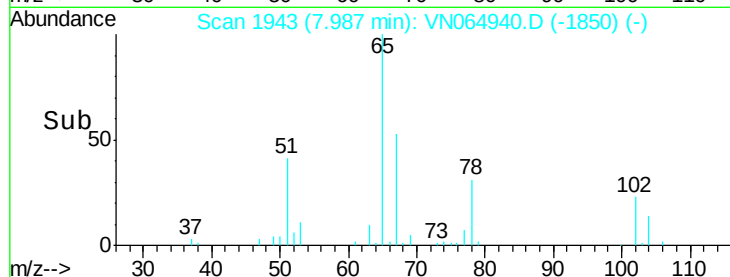
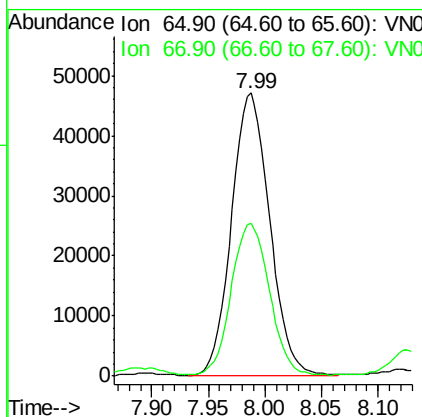
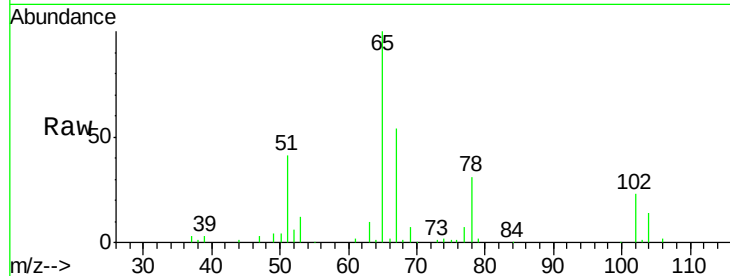
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 1,2-Dichloroethane-d4
 Concen: 47.669 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6511-120120RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111243		
67	52.9	0.0	108.2	

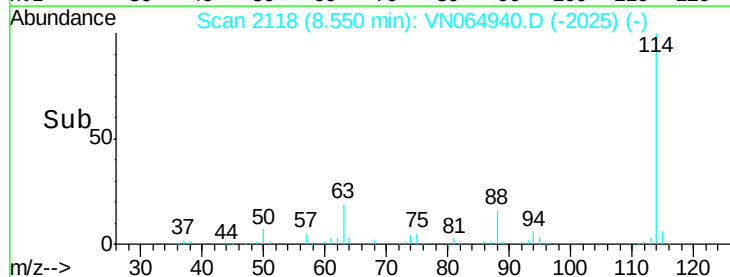
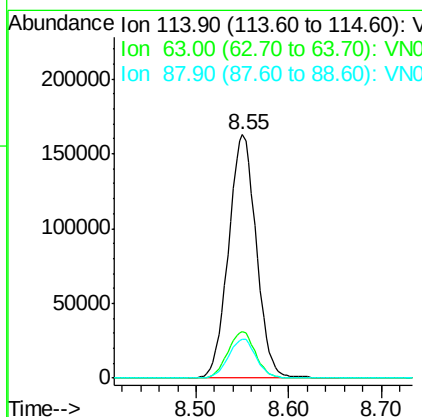
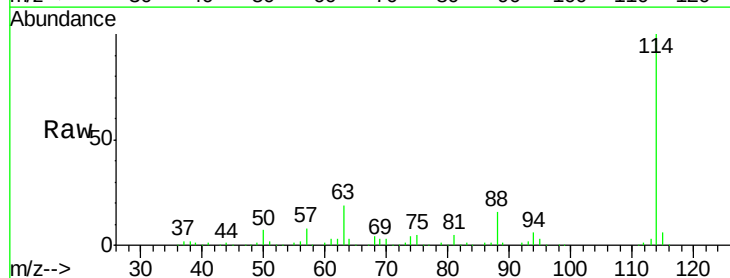
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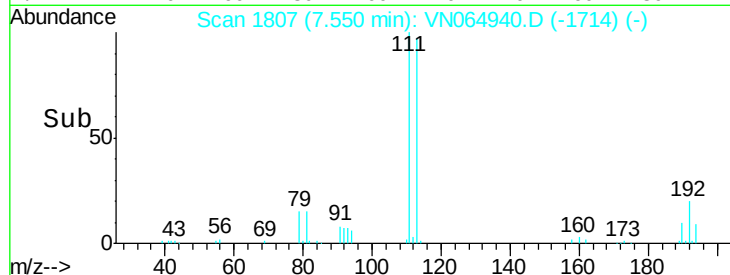
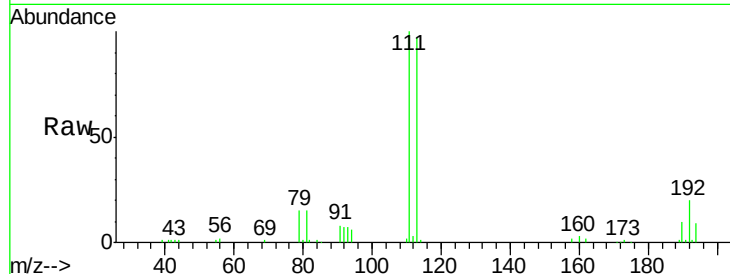
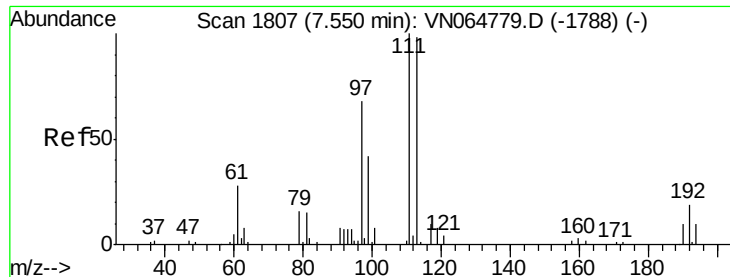
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	337969		
63	19.2	0.0	38.6	
88	16.0	0.0	32.6	





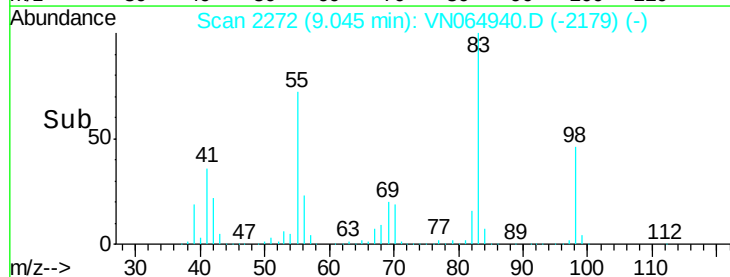
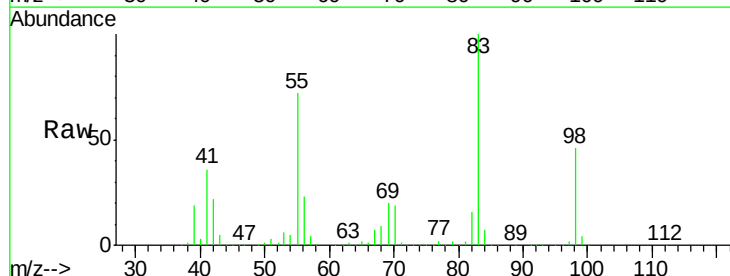
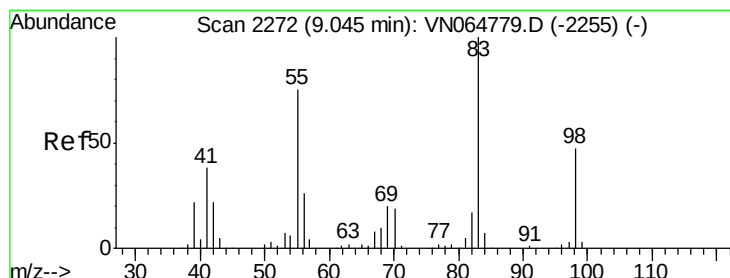
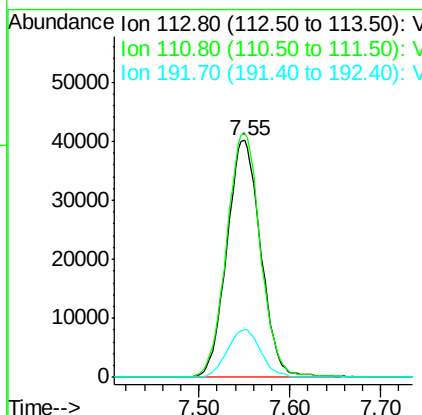
#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.0	81.6	122.4	
192	19.9	16.2	24.2	

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

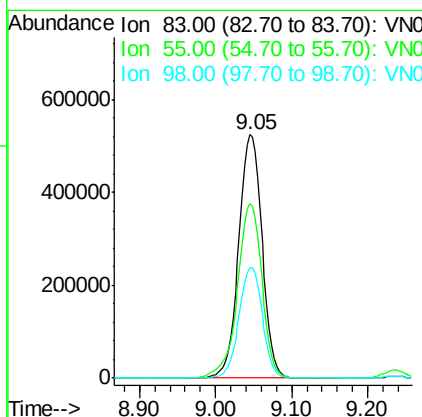
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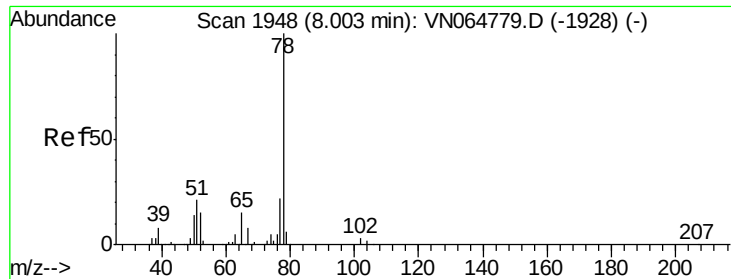
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#39
Methylcyclohexane
Concen: 331.217 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.8	60.2	90.2	
98	45.6	37.4	56.2	





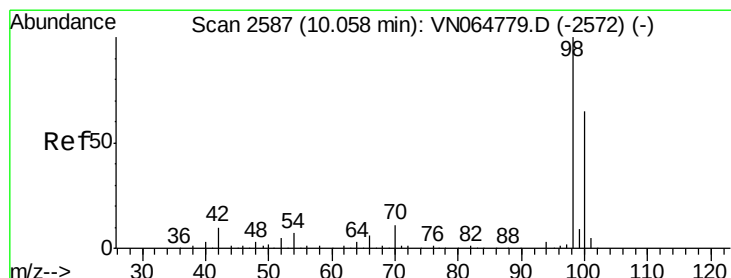
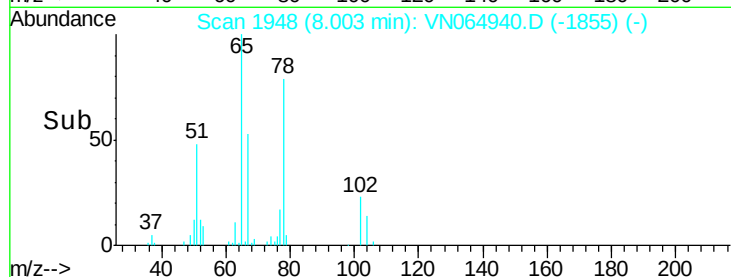
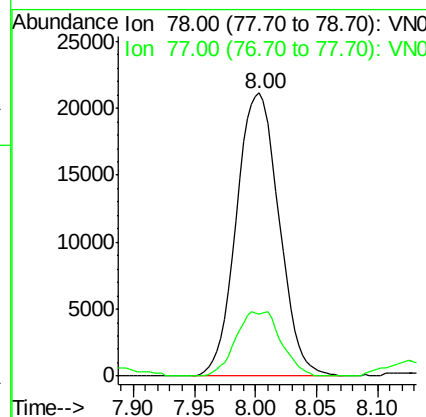
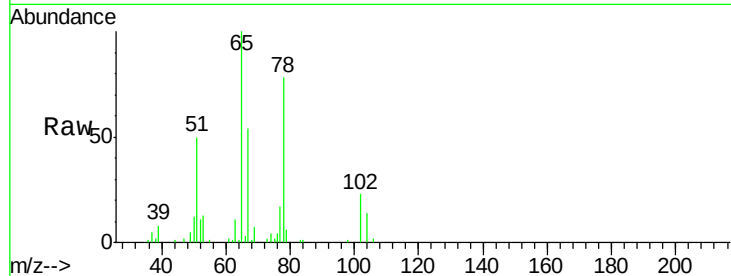
#40
Benzene
Concen: 5.331 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

Tot Ion: 78 Resp: 51174
Ion Ratio Lower Upper
78 100
77 21.8 17.9 26.9

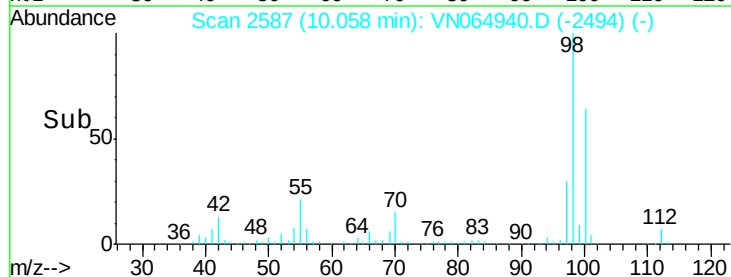
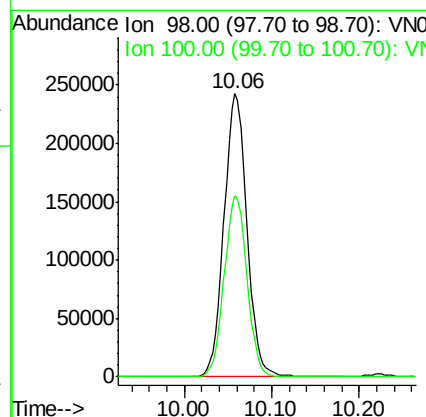
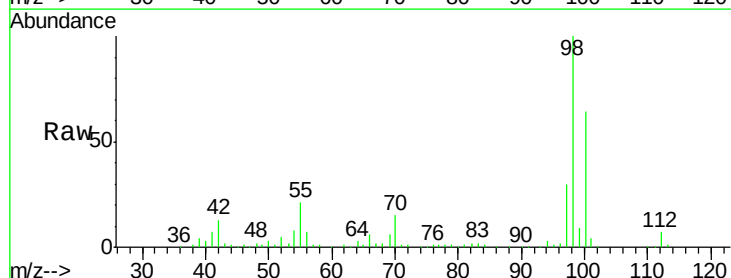
Manual Integrations
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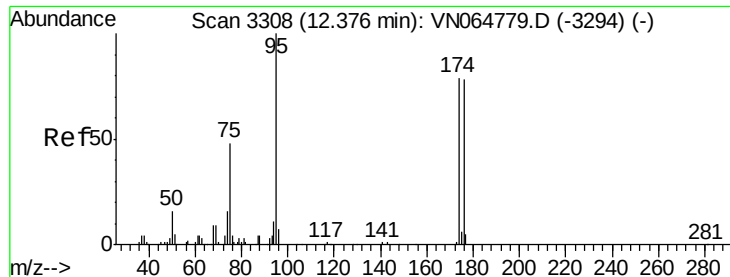
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#50
Toluene-d8
Concen: 53.522 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion: 98 Resp: 442250
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 58.576 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

Instrument :

MSVOA_N

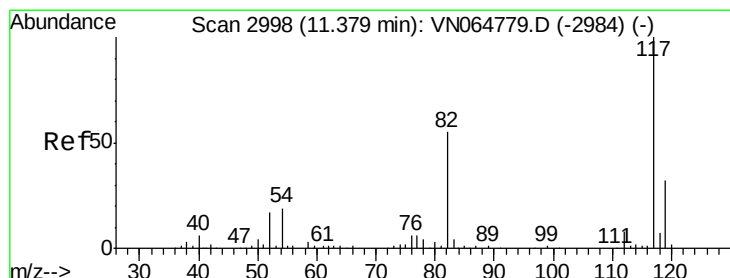
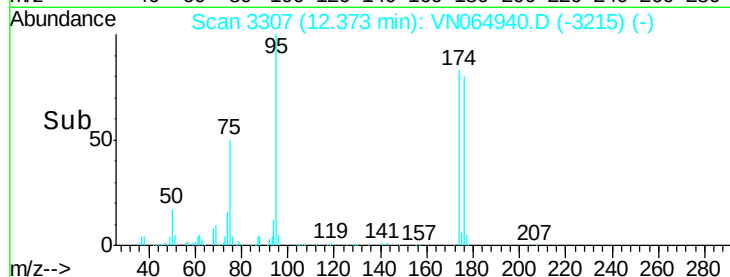
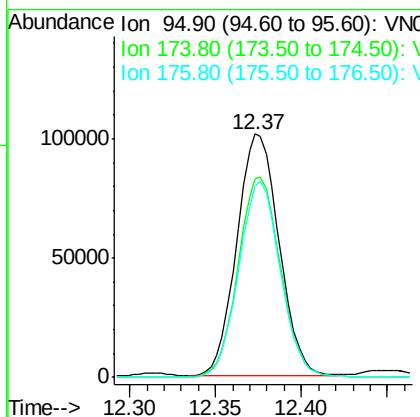
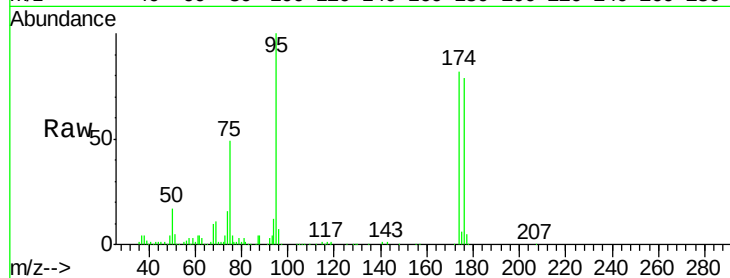
ClientSampleId :

SS013-13-6511-120120RE

Tot Ion:	95	Resp:	173218
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	160.4
176	80.1	0.0	158.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

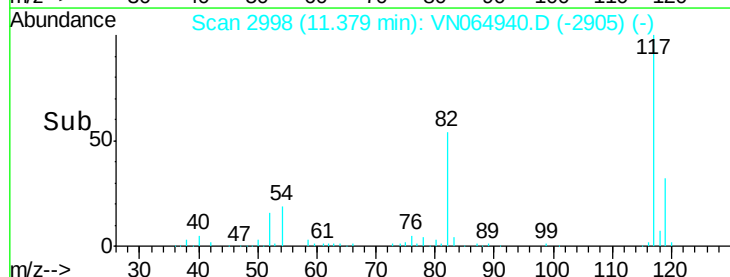
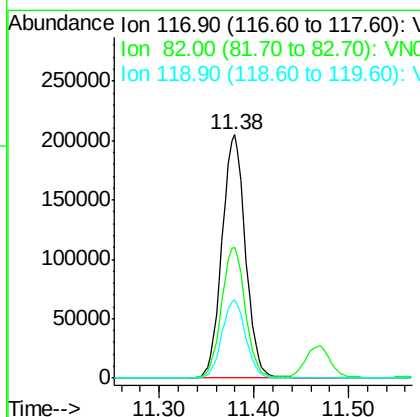
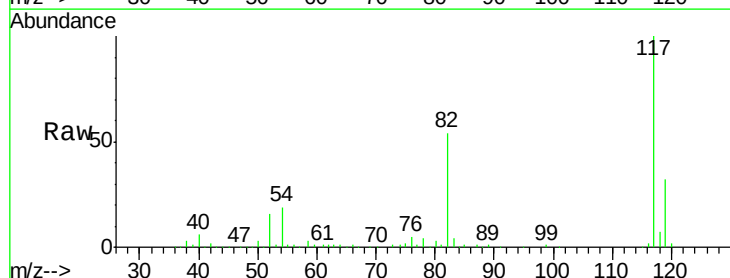
RT: 11.38 min Scan# 2998

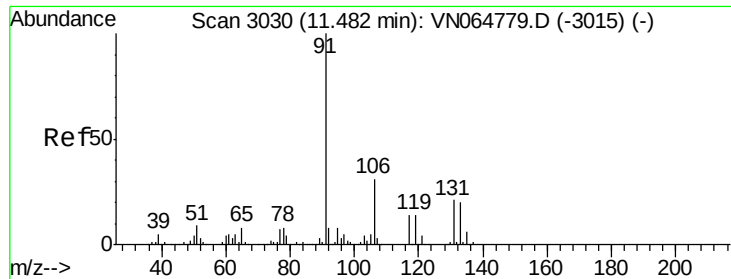
Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

Tgt Ion:	117	Resp:	353423
Ion Ratio	Lower	Upper	
117	100		
82	53.5	44.2	66.2
119	32.1	25.8	38.6





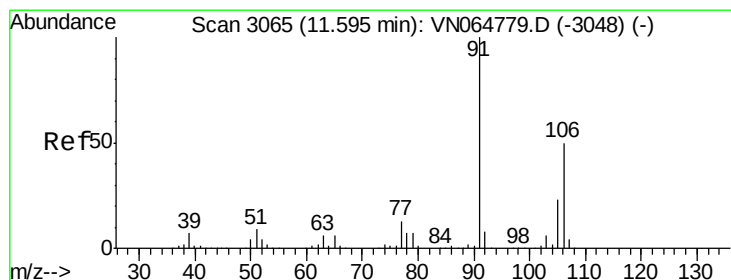
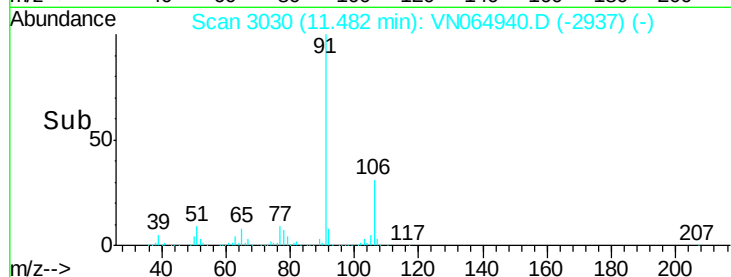
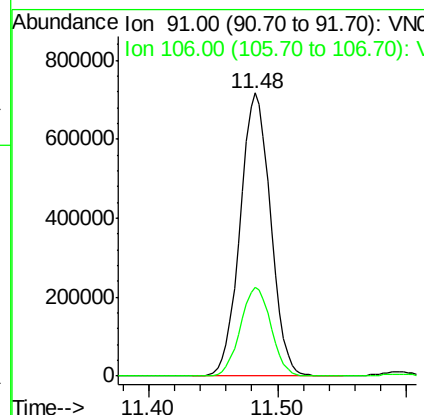
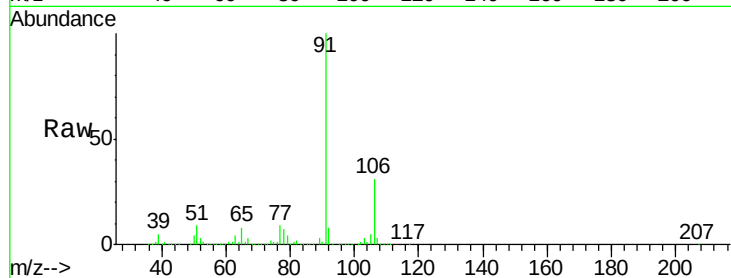
#67
Ethyl Benzene
Concen: 92.858 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

Tot Ion: 91 Resp: 1177356
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

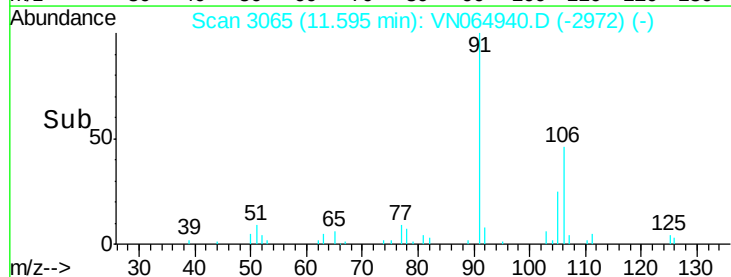
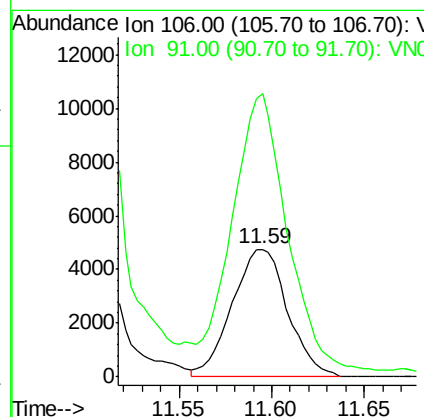
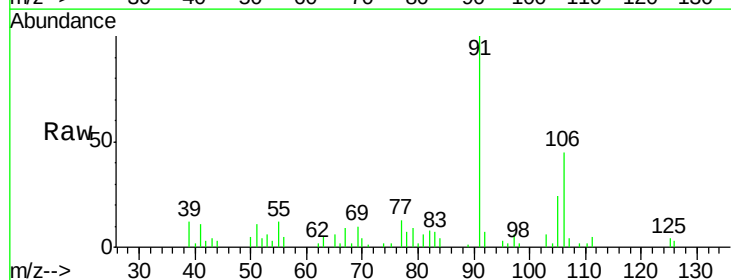
Manual Integrations
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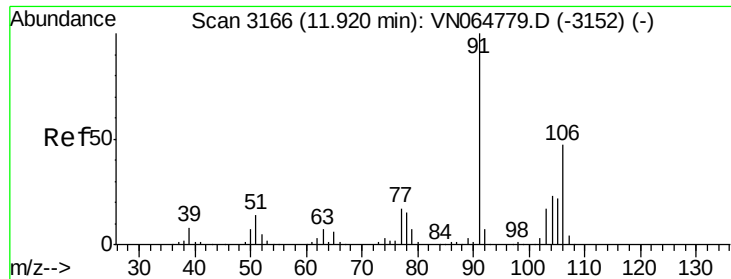
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#68
m/p-Xylenes
Concen: 2.062 ug/l m
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion: 106 Resp: 9900
Ion Ratio Lower Upper
106 100
91 11892.5 161.0 241.4#





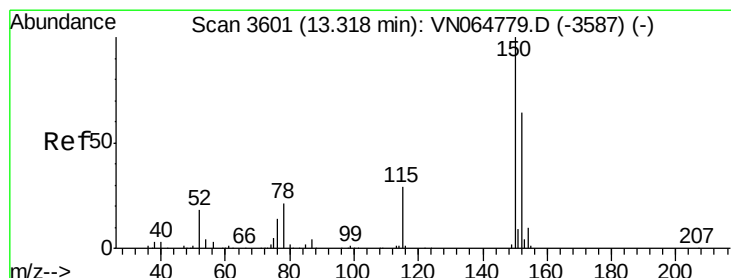
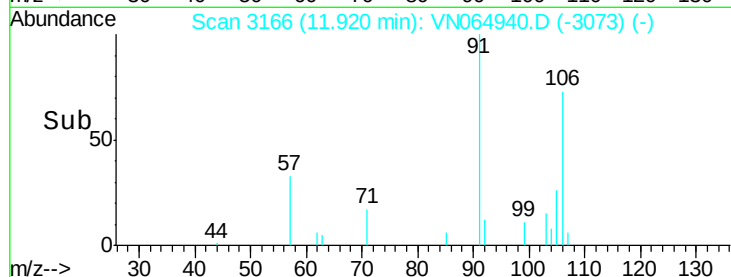
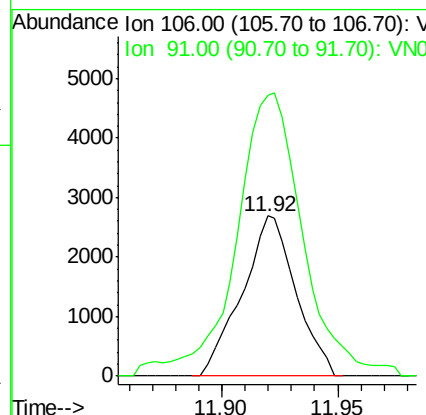
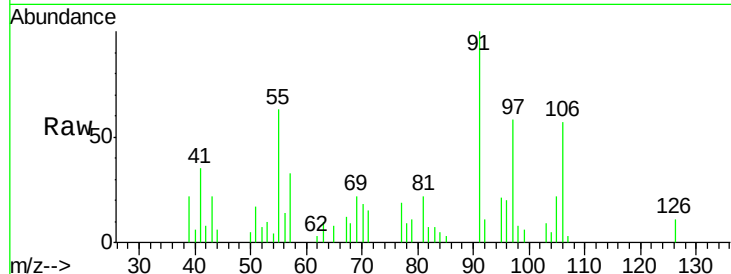
#69
o-Xylene
Concen: 0.950 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

Tot Ion:106 Resp: 4328
Ion Ratio Lower Upper
106 100
91 220.5 105.5 316.5

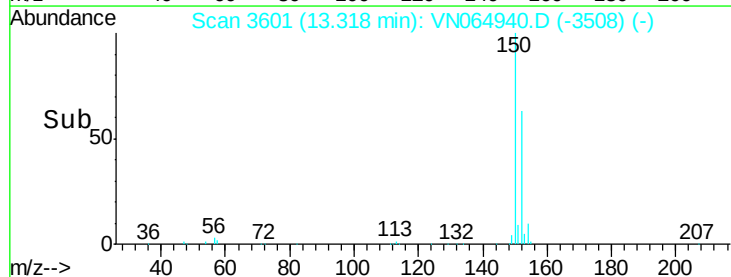
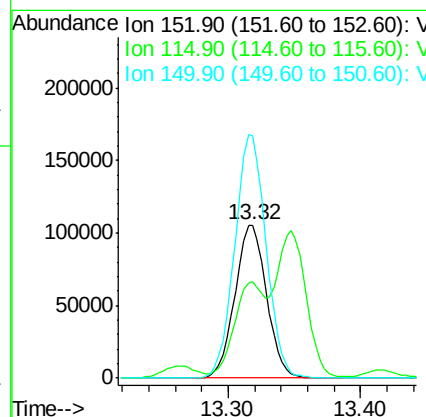
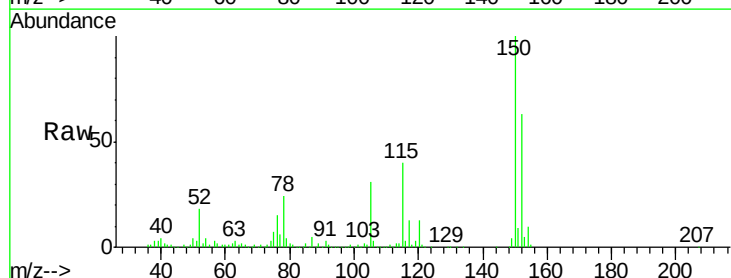
Manual Integrations
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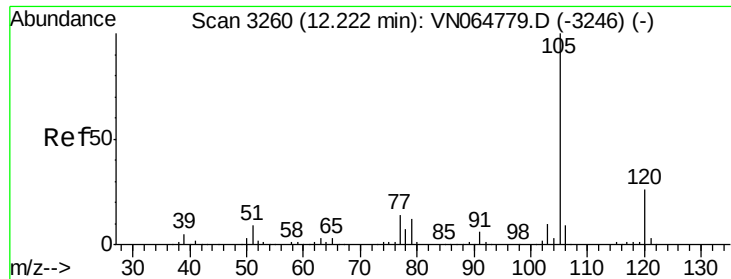
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Tgt Ion:152 Resp: 174273
Ion Ratio Lower Upper
152 100
115 54.7 29.7 89.1
150 158.5 0.0 350.6





#73

Isopropylbenzene

Concen: 54.656 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064940.D

Acq: 7 Dec 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6511-120120RE

Tot Ion:105 Resp: 662541

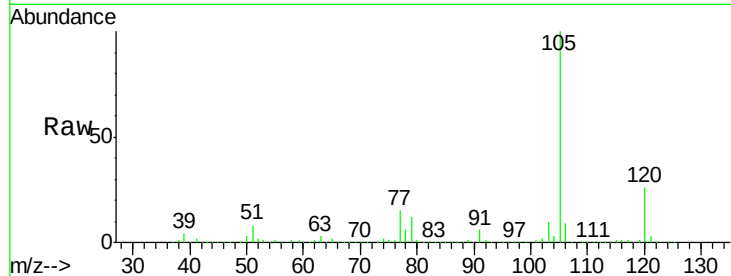
Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9

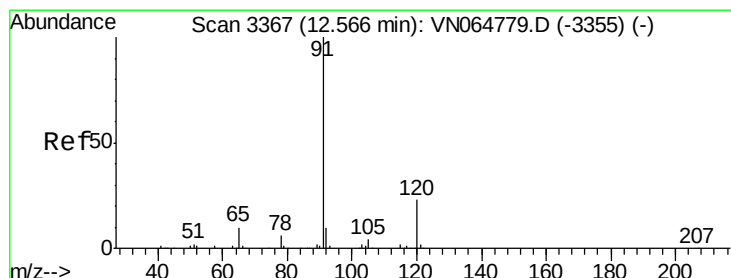
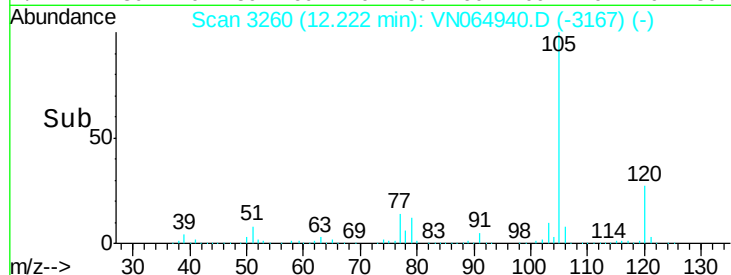
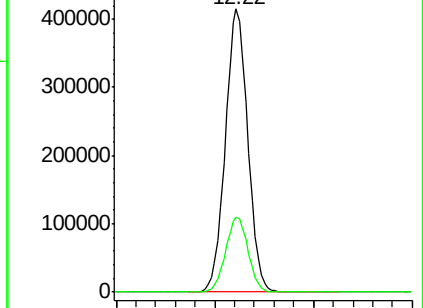
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 54.820 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064940.D

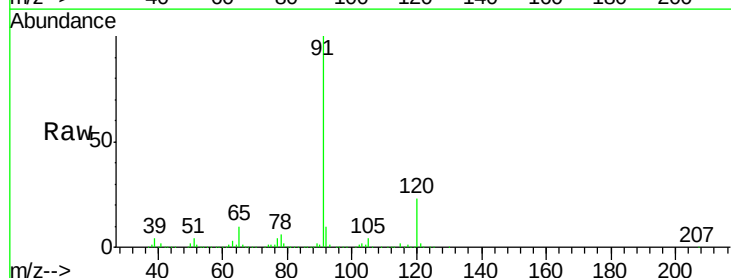
Acq: 7 Dec 2020 13:11

Tgt Ion: 91 Resp: 757021

Ion Ratio Lower Upper

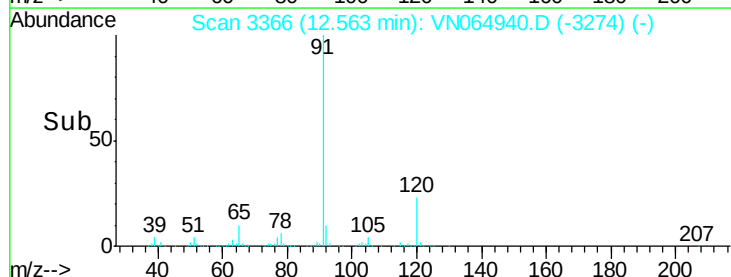
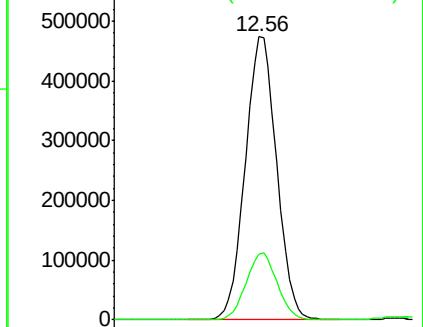
91 100

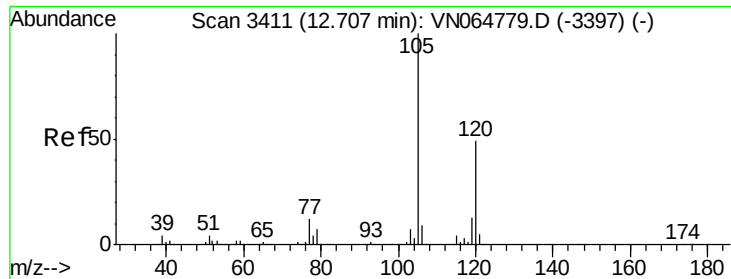
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





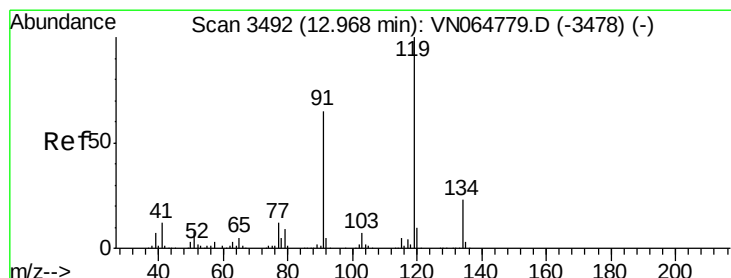
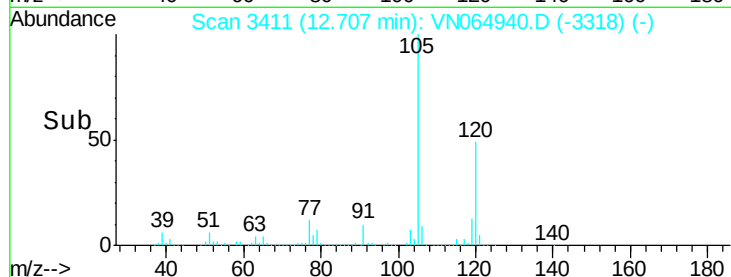
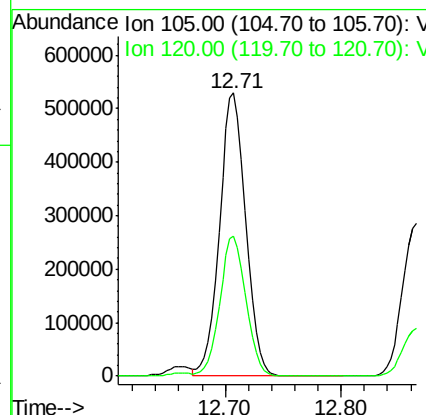
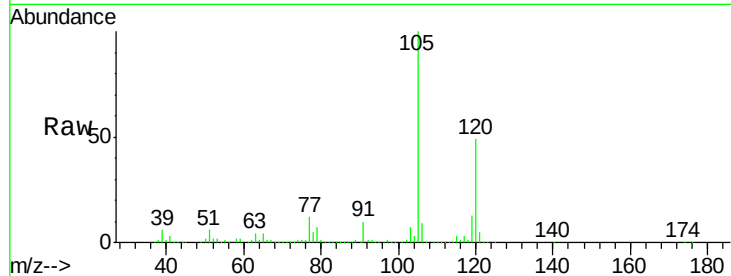
#80
 1,3,5-Trimethylbenzene
 Concen: 82.329 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6511-120120RE

Tot Ion:105 Resp: 829519
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.6

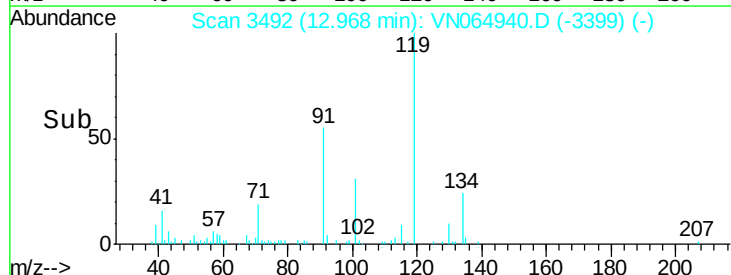
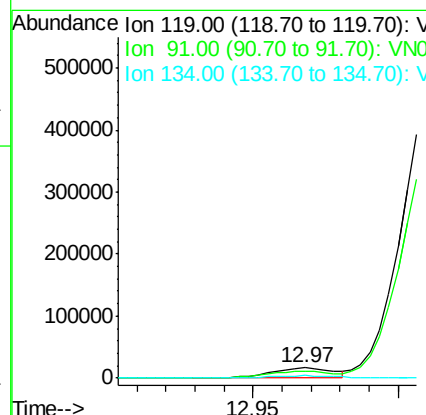
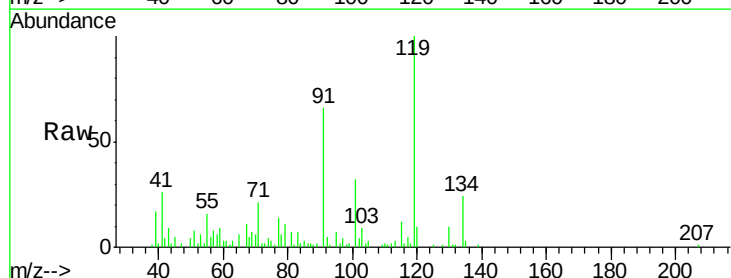
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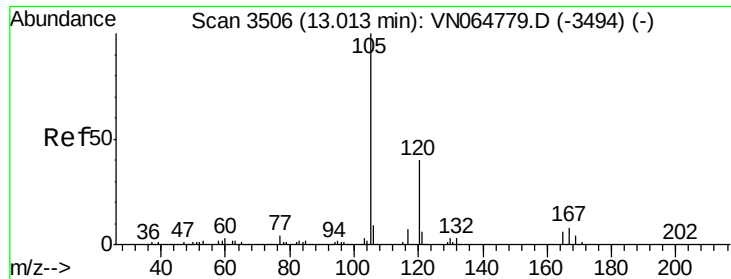
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#83
 tert-Butylbenzene
 Concen: 2.970 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion:119 Resp: 25085
 Ion Ratio Lower Upper
 119 100
 91 0.0 32.3 96.8#
 134 25.4 12.6 37.6





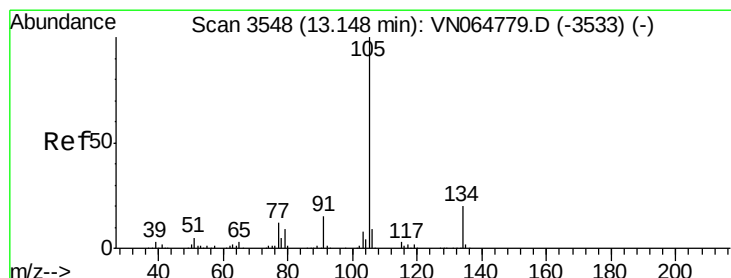
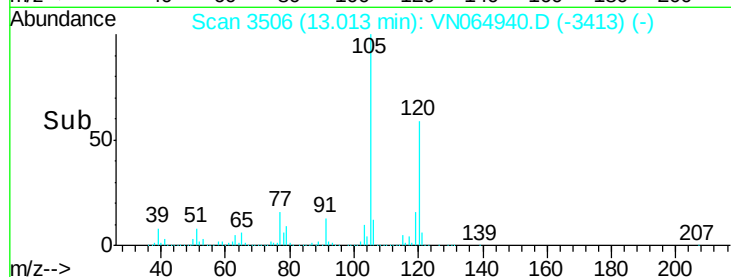
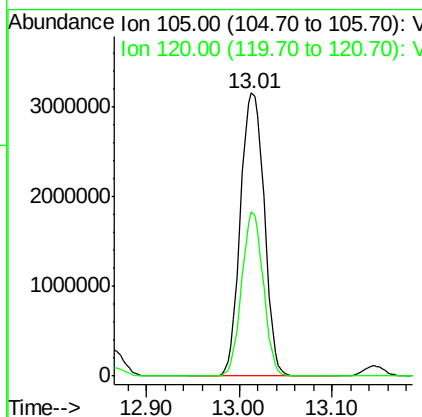
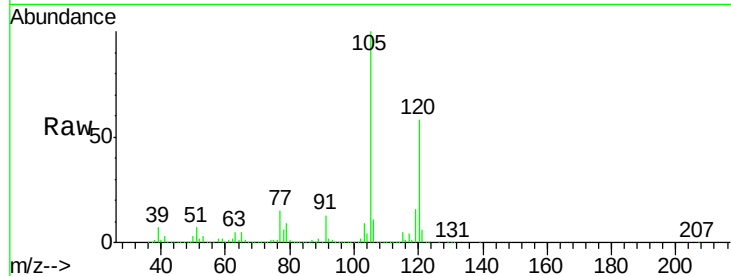
#84
 1,2,4-Trimethylbenzene
 Concen: 549.905 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6511-120120RE

Tot Ion:105 Resp: 5602002
 Ion Ratio Lower Upper
 105 100
 120 52.7 23.1 69.2

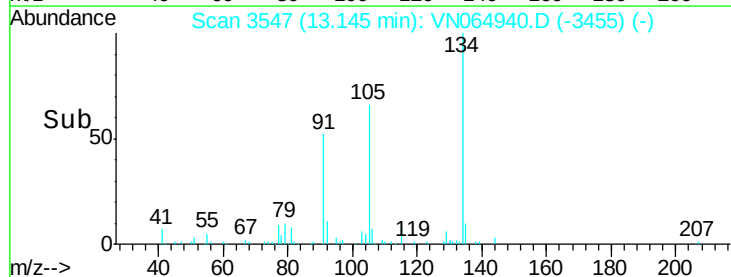
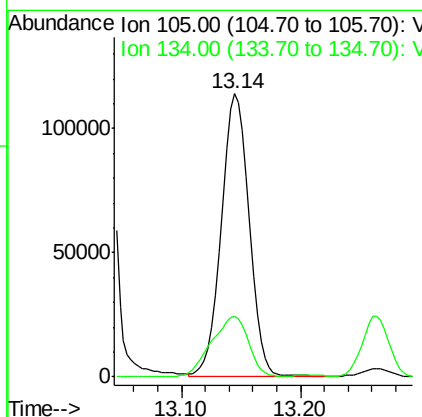
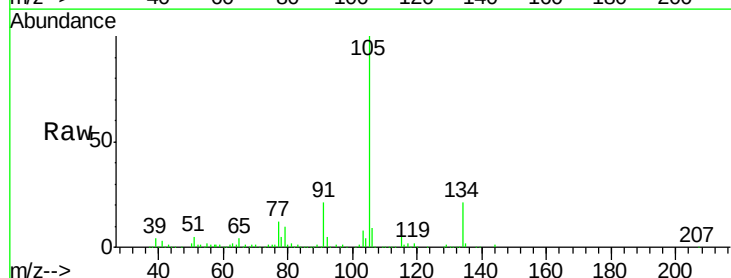
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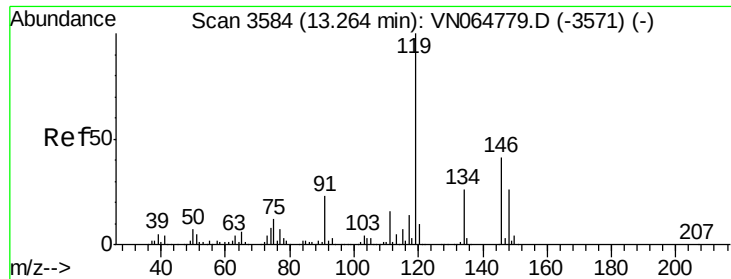
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#85
 sec-Butylbenzene
 Concen: 16.384 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion:105 Resp: 183720
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.1 30.1





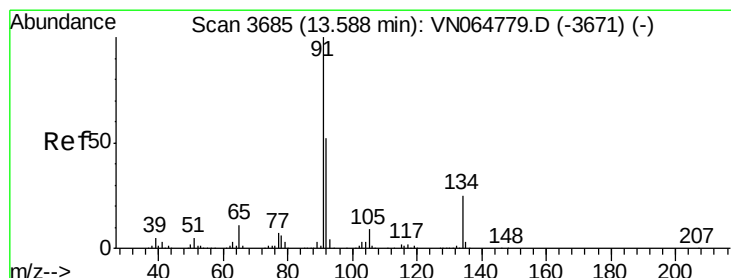
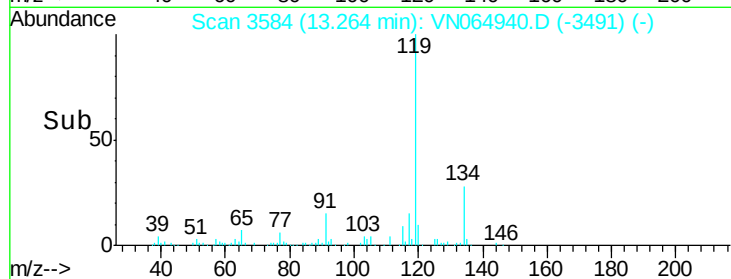
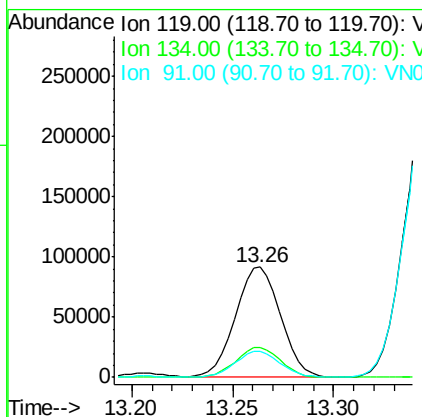
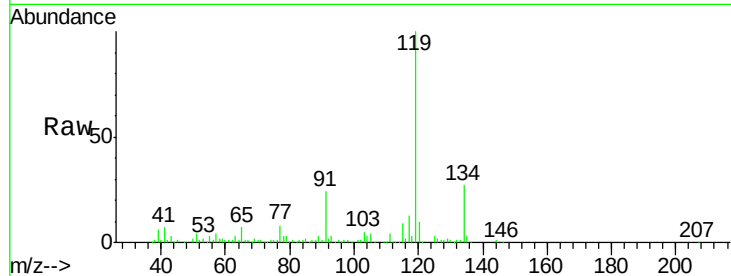
#86
 p-Isopropyltoluene
 Concen: 14.021 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6511-120120RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.1
91	23.1	11.5	34.5

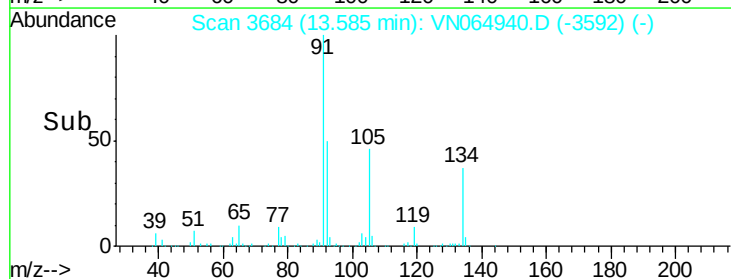
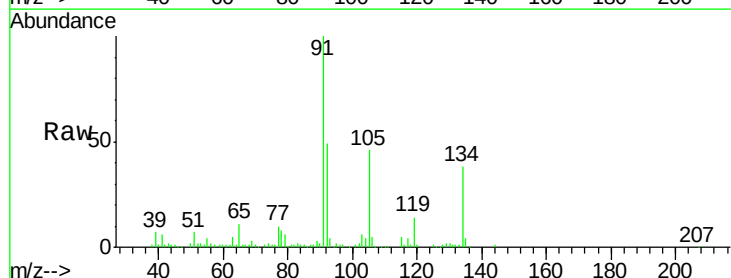
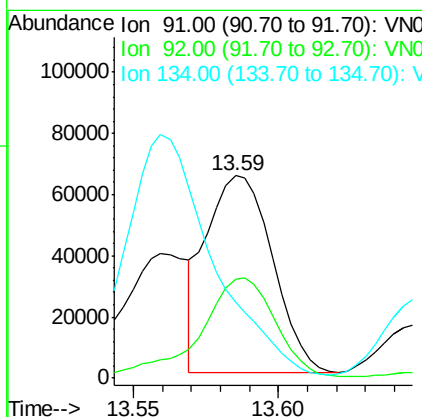
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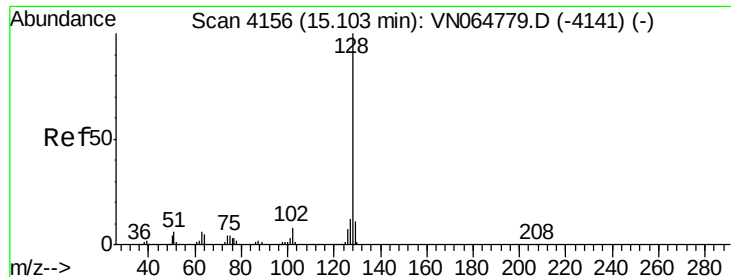
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#89
 n-Butylbenzene
 Concen: 11.373 ug/l
 RT: 13.59 min Scan# 3684
 Delta R.T. -0.00 min
 Lab File: VN064940.D
 Acq: 7 Dec 2020 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.6	26.0	78.0
134	0.0	12.9	38.6





#95
Naphthalene
Concen: 188.685 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064940.D
Acq: 7 Dec 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6511-120120RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.9	8.7	13.1

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