

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064665.D
 Acq On : 16 Nov 2020 17:12
 Operator : JC/MD
 Sample : L4772-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Manual Integrations
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 11/17/2020 7:02:18 PM

Quant Time: Nov 17 04:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	214547	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	7.55	113	160811	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.06	98	588210	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	271298	61.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	4806	1.374	ug/l	93
11) Tert butyl alcohol	4.75	59	11314	26.624	ug/l #	85
16) Acetone	3.78	43	12736	8.677	ug/l	98
20) Methylene Chloride	4.51	84	2752	0.945	ug/l #	73
27) cis-1,2-Dichloroethene	6.79	96	1595m	0.512	ug/l	
30) Chloroform	7.33	83	3151	0.555	ug/l	95
39) Methylcyclohexane	9.05	83	7492	1.785	ug/l	88
44) Trichloroethene	8.80	130	1409	0.406	ug/l	54
64) Tetrachloroethene	10.60	164	1903	0.491	ug/l #	68
67) Ethyl Benzene	11.48	91	762500	38.891	ug/l	100
68) m/p-Xylenes	11.59	106	38242	5.378	ug/l	99
69) o-Xylene	11.92	106	80399	11.701	ug/l	95
73) Isopropylbenzene	12.22	105	2368009	107.875	ug/l	100
78) n-propylbenzene	12.57	91	4982301	199.084	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	237300	13.104	ug/l	99
83) tert-Butylbenzene	12.97	119	256100	18.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	8933975	490.749	ug/l	68
85) sec-Butylbenzene	13.15	105	1208767	67.482	ug/l #	78
86) p-Isopropyltoluene	13.26	119	69827m	4.334	ug/l	
89) n-Butylbenzene	13.59	91	692454	49.986	ug/l #	80
95) Naphthalene	15.10	128	197984	15.746	ug/l	98

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

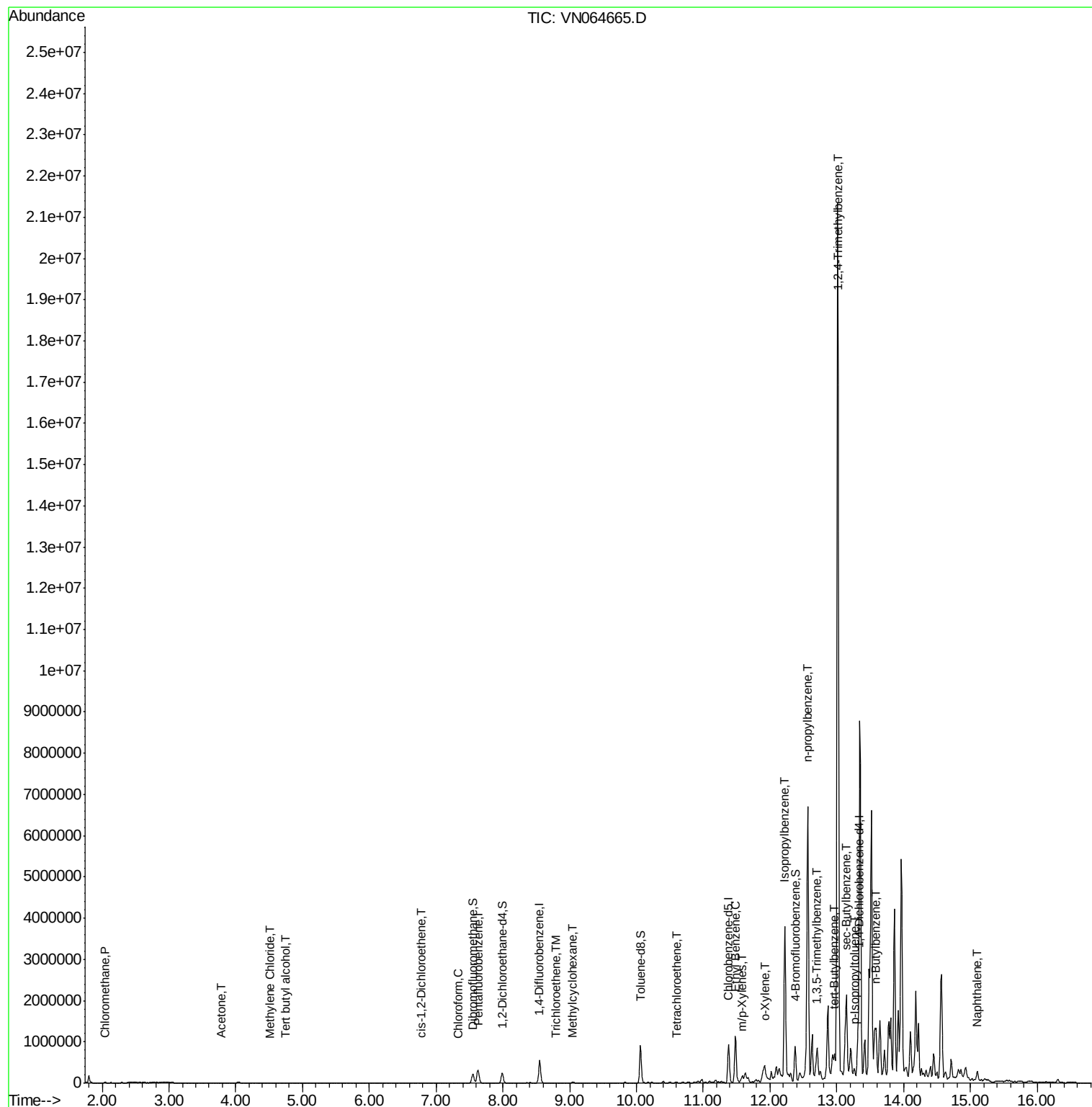
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064665.D
Acq On : 16 Nov 2020 17:12
Operator : JC/MD
Sample : L4772-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

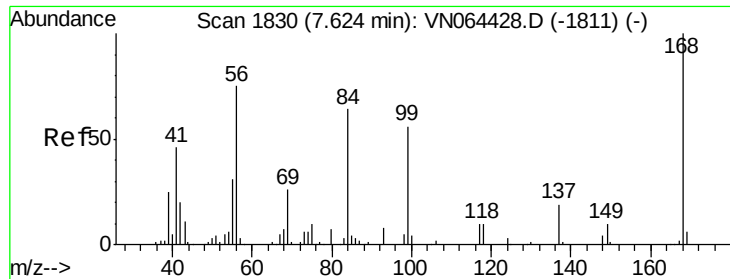
Instrument :
MSVOA_N
ClientSampleId :
MW-5

Manual Integrations
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Quant Time: Nov 17 04:54:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

MW-5

Tot Ion:168 Resp: 221229

Ion Ratio Lower Upper

168 100

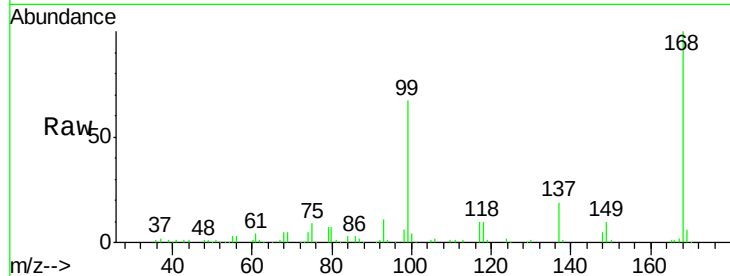
99 66.7 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

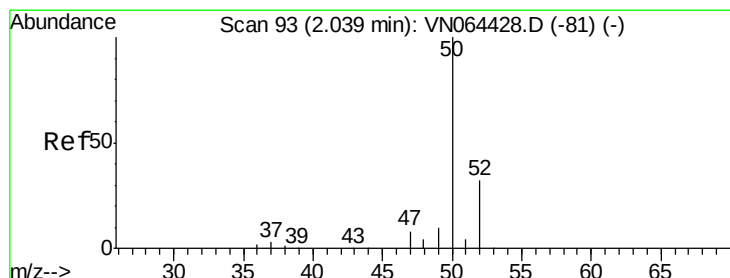
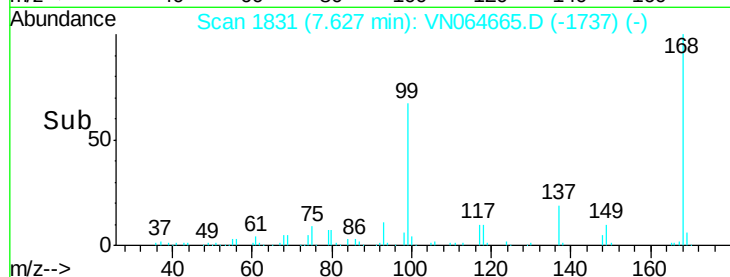
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.374 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064665.D

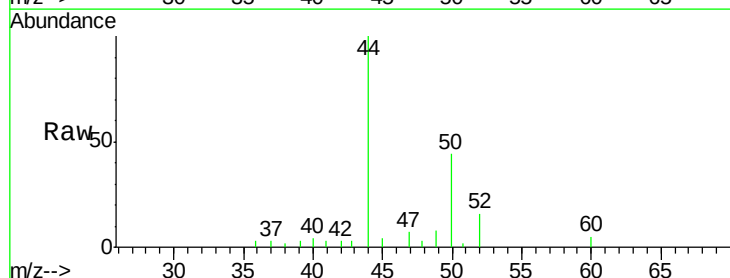
Acq: 16 Nov 2020 17:12

Tgt Ion: 50 Resp: 4806

Ion Ratio Lower Upper

50 100

52 35.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

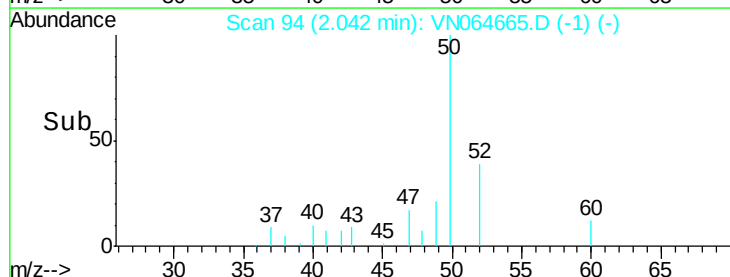
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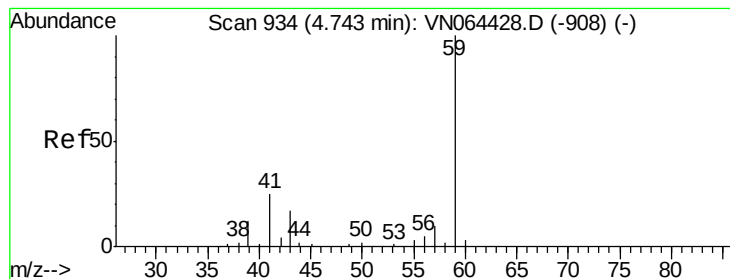
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1000

0

Time-->





#11

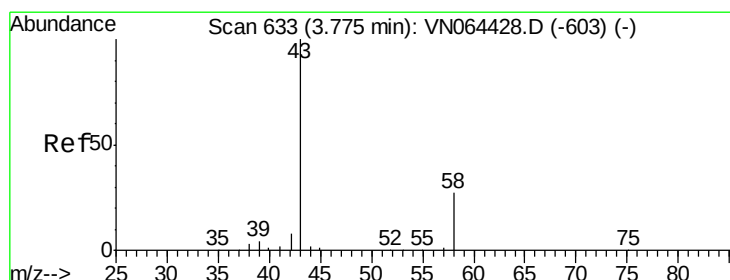
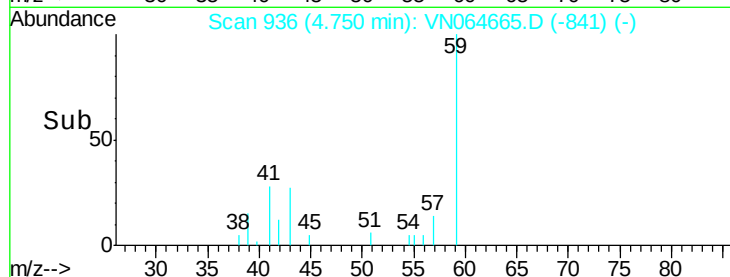
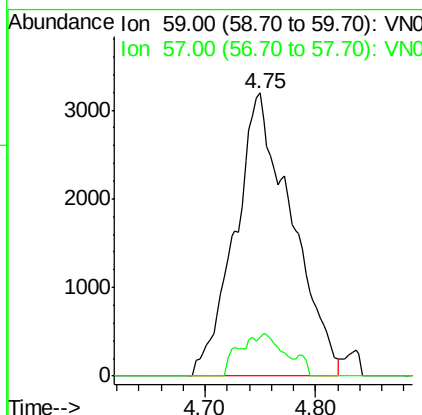
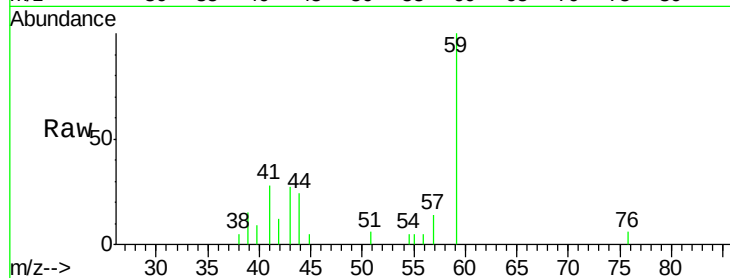
Tert butyl alcohol
 Concen: 26.624 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion: 59 Resp: 11314
 Ion Ratio Lower Upper
 59 100
 57 5.7 9.0 13.4#

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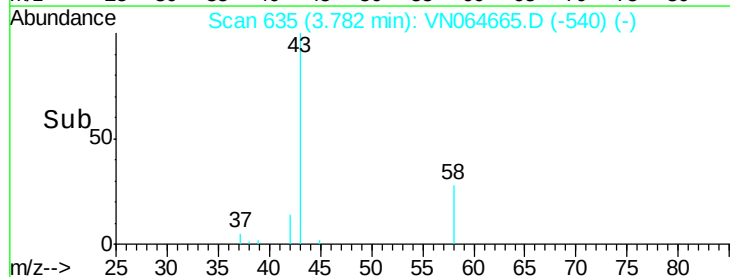
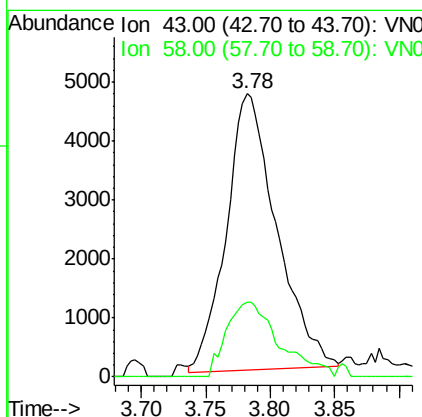
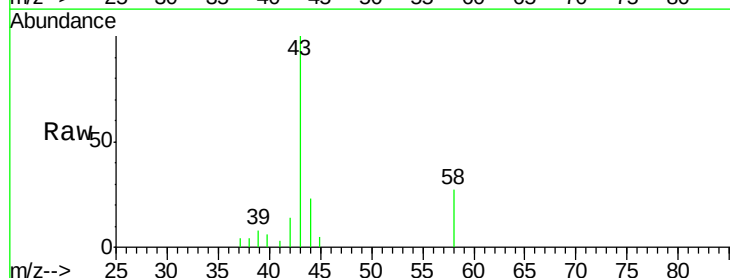
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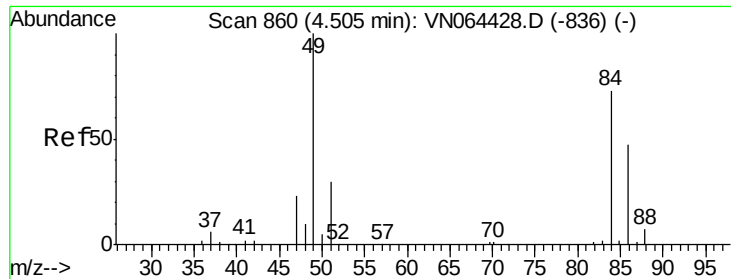


#16

Acetone
 Concen: 8.677 ug/l
 RT: 3.78 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion: 43 Resp: 12736
 Ion Ratio Lower Upper
 43 100
 58 27.6 21.4 32.0





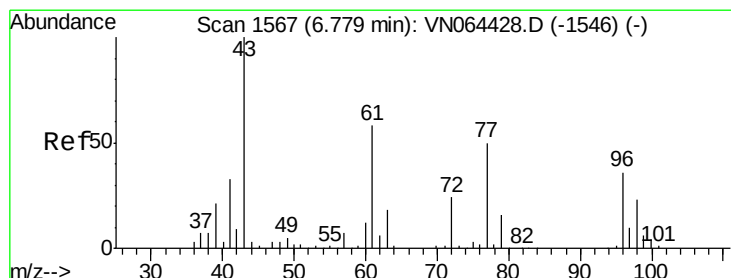
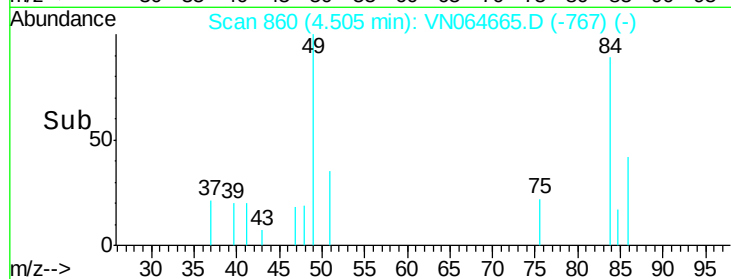
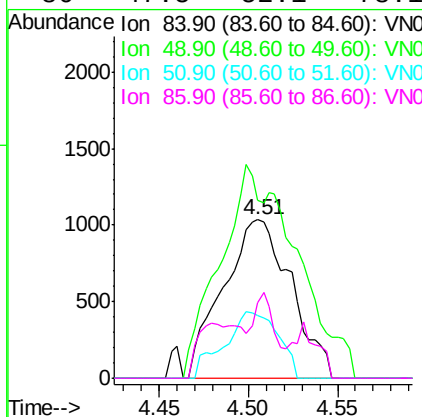
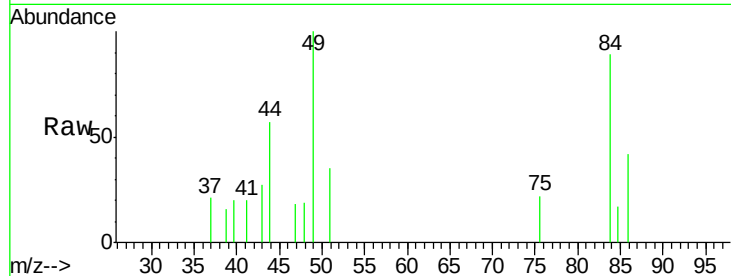
#20
Methylene Chloride
Concen: 0.945 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
84	100		
49	94.7	110.1	165.1#
51	39.3	33.6	50.4
86	47.5	52.1	78.1#

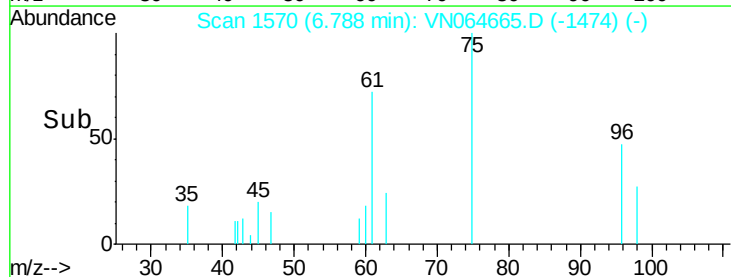
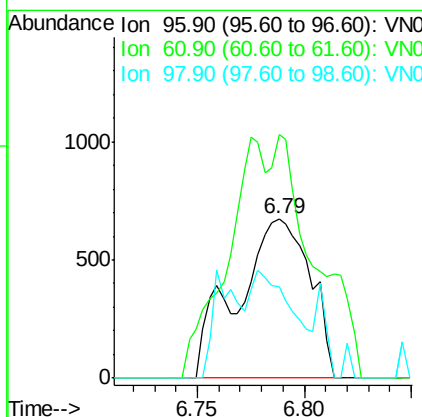
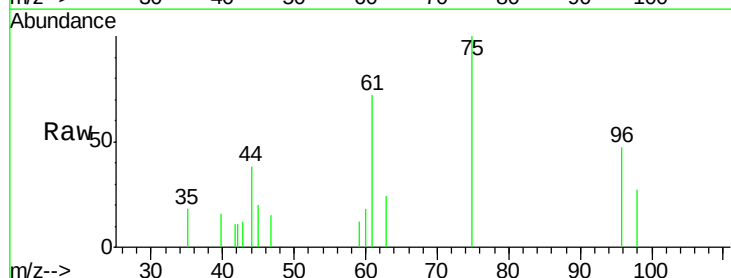
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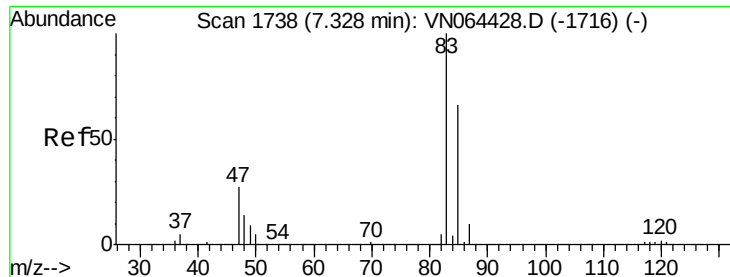
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#27
cis-1,2-Dichloroethene
Concen: 0.512 ug/l m
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	81.6	0.0	329.6
98	39.7	0.0	131.2





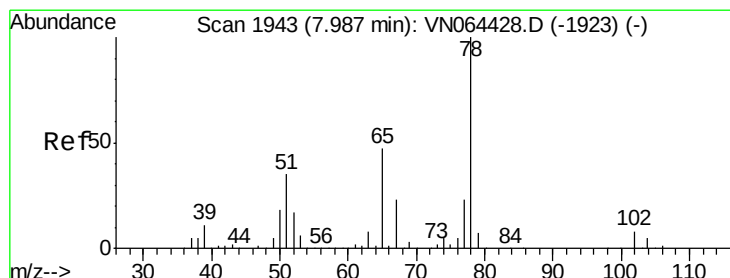
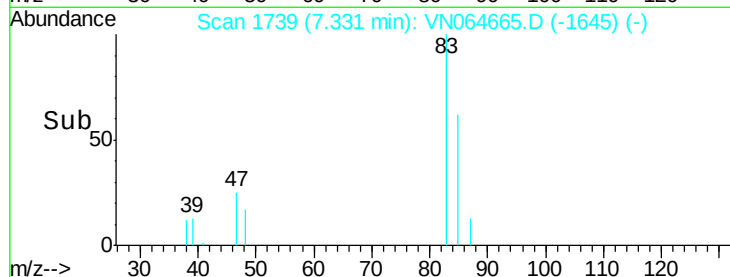
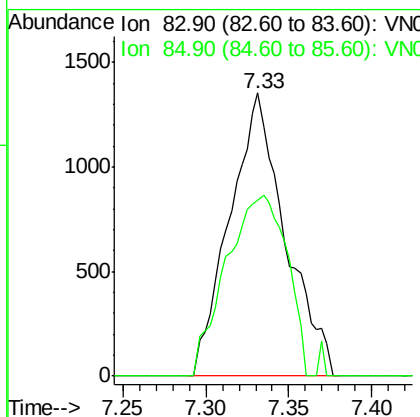
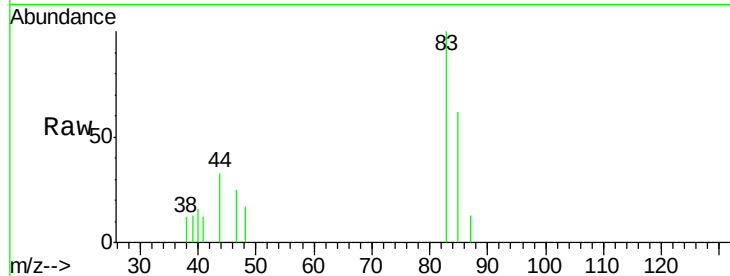
#30
Chloroform
Concen: 0.555 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 83 Resp: 3151
Ion Ratio Lower Upper
83 100
85 62.0 52.5 78.7

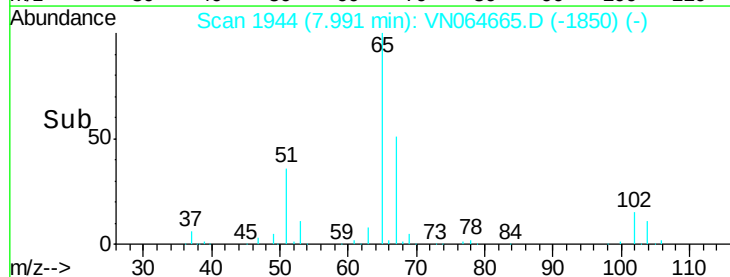
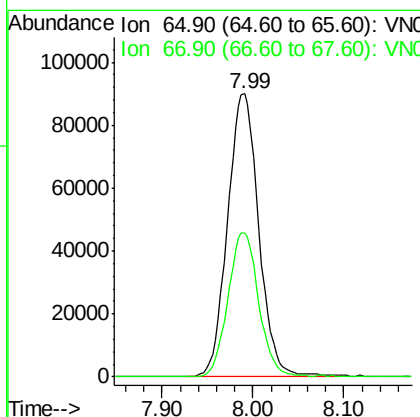
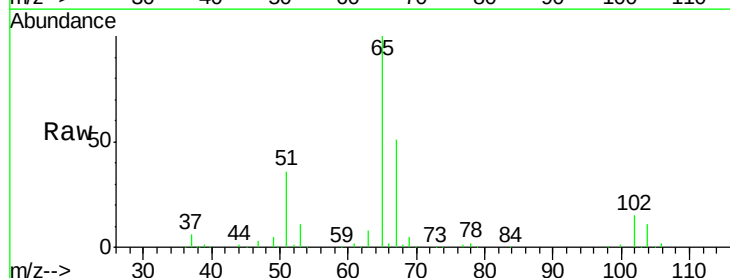
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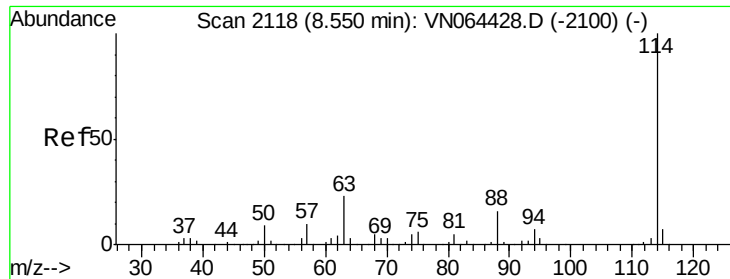
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#33
1,2-Dichloroethane-d4
Concen: 55.676 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 65 Resp: 214547
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6





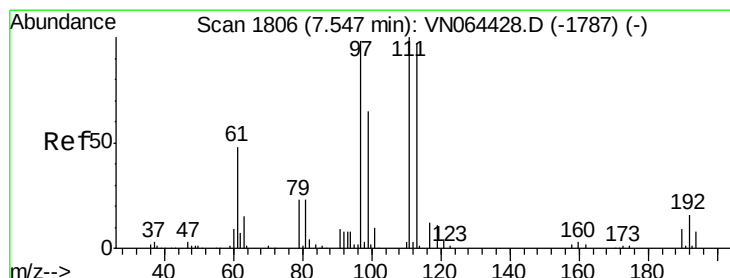
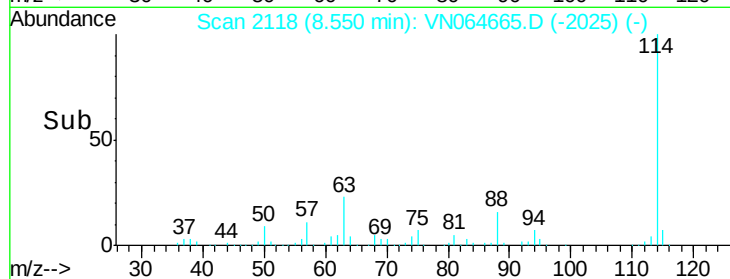
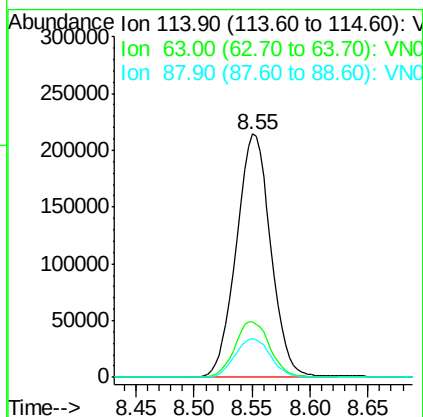
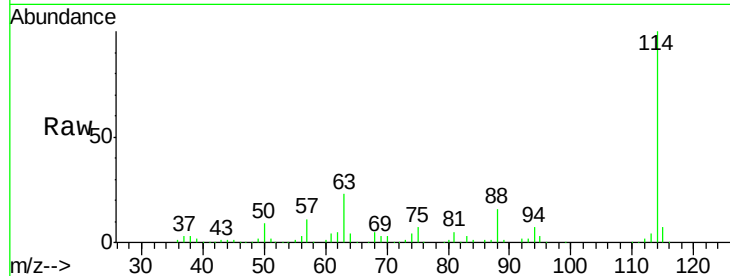
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion	Ratio	Resp	Lower	Upper
114	100	443141		
63	22.6	0.0	45.6	
88	15.9	0.0	32.8	

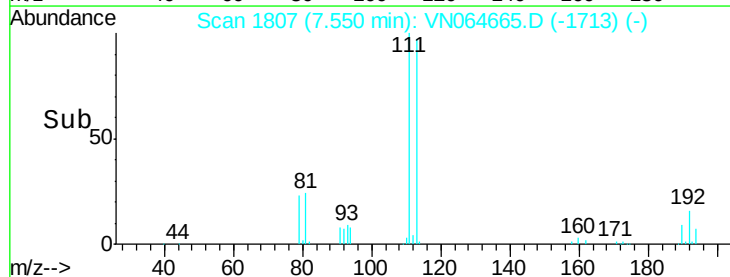
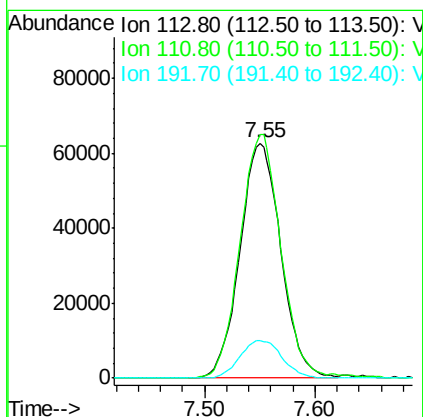
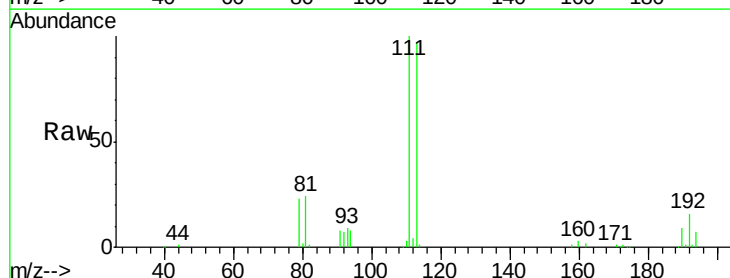
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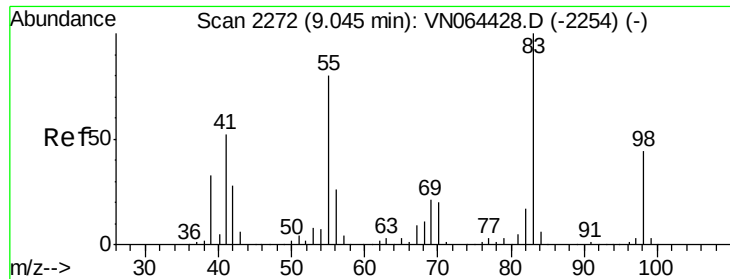
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#35
Dibromofluoromethane
Concen: 53.298 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	160811		
111	104.3	81.1	121.7	
192	16.5	12.8	19.2	





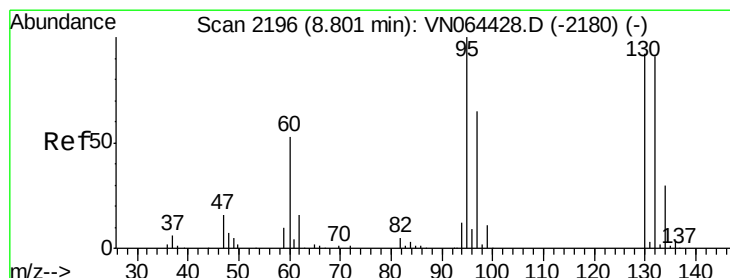
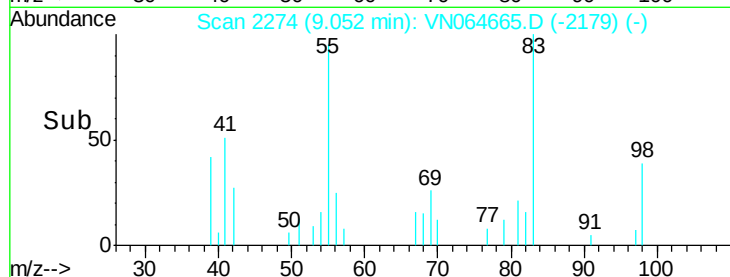
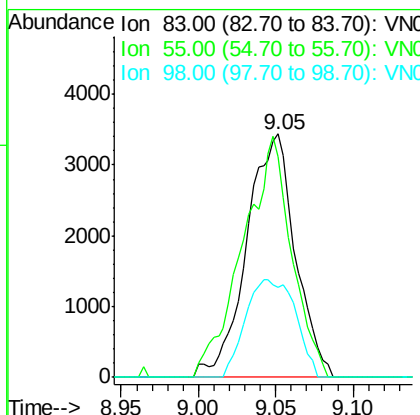
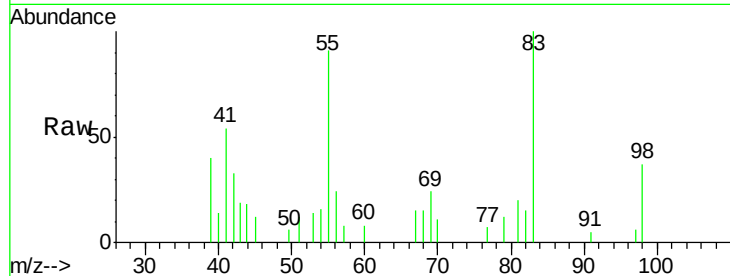
#39
Methylvlcyclohexane
Concen: 1.785 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tot Ion	83	Resp	7492
Ion Ratio	100	Lower	Upper
83	100		
55	90.7	63.8	95.6
98	36.9	35.4	53.2

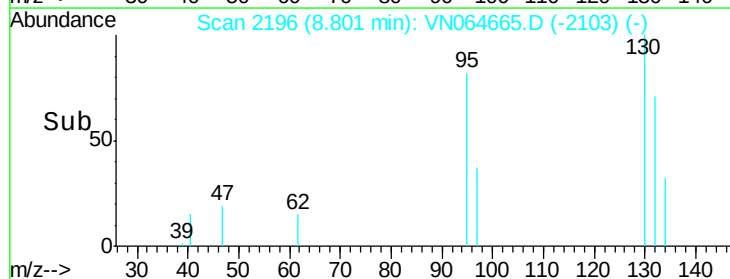
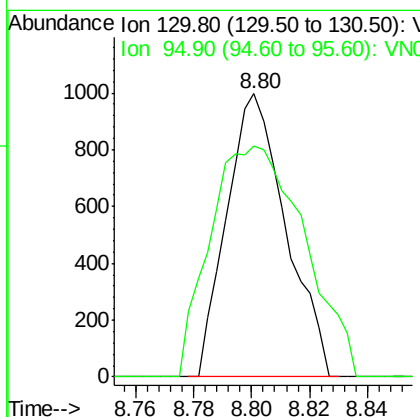
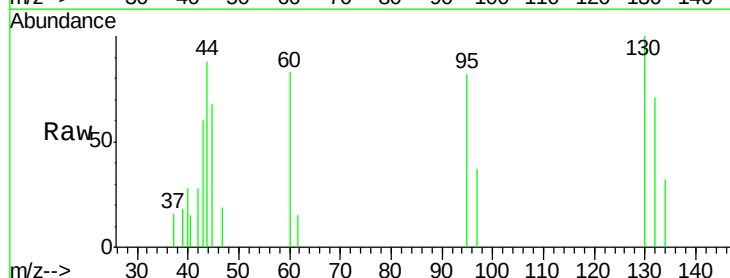
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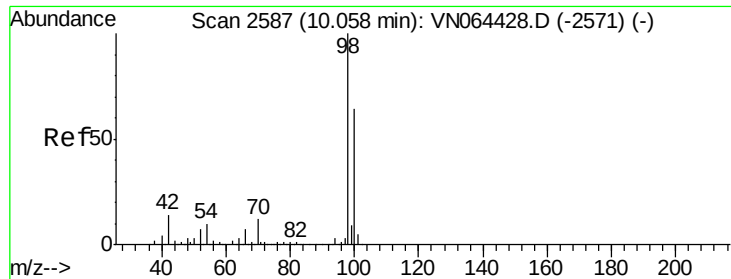
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#44
Trichloroethene
Concen: 0.406 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion	130	Resp	1409
Ion Ratio	100	Lower	Upper
130	100		
95	60.0	0.0	216.8





#50

Toluene-d8

Concen: 50.441 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 98 Resp: 588210

Ion Ratio Lower Upper

98 100

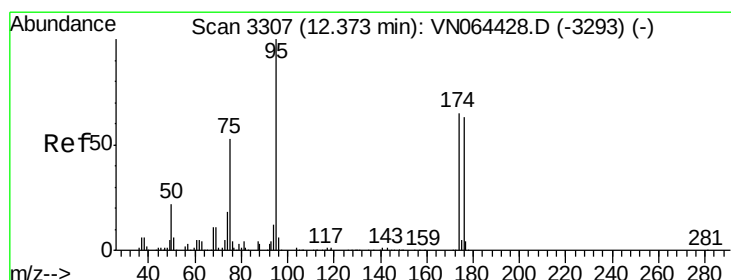
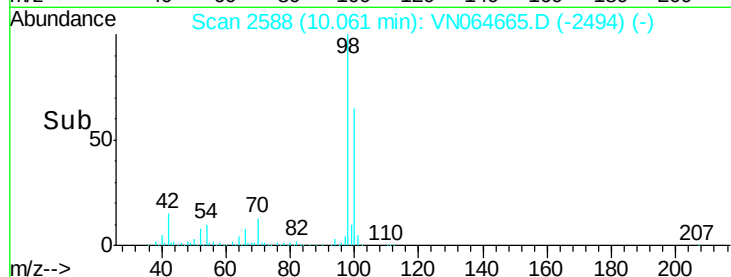
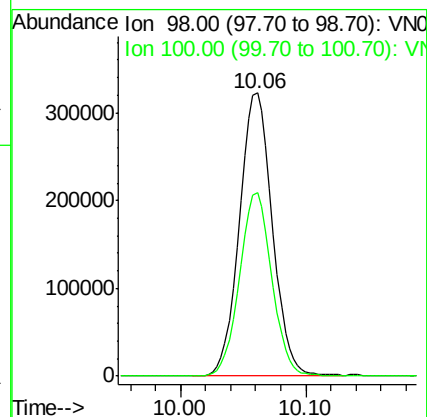
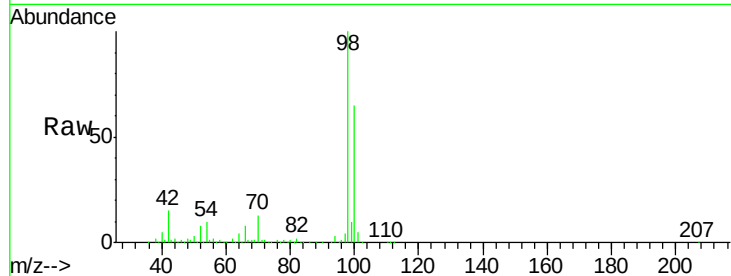
100 63.5 50.7 76.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 61.516 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

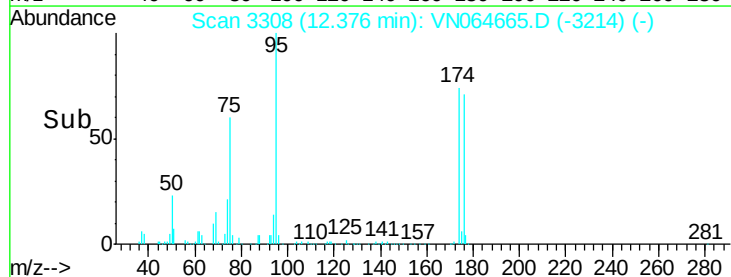
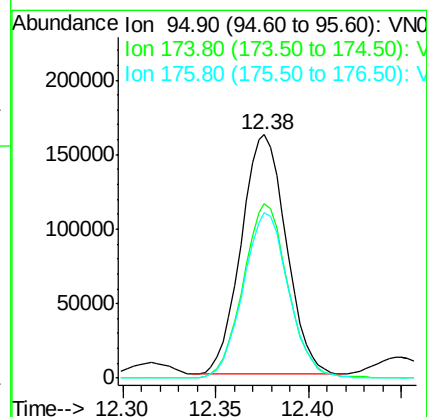
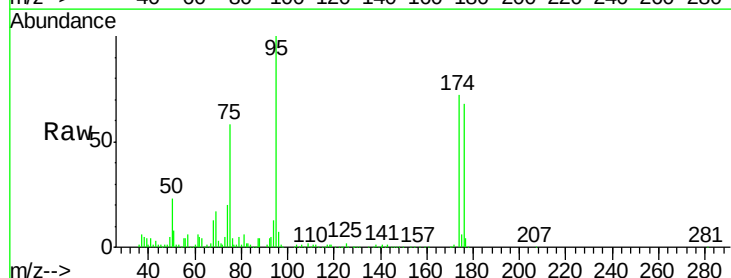
Tgt Ion: 95 Resp: 271298

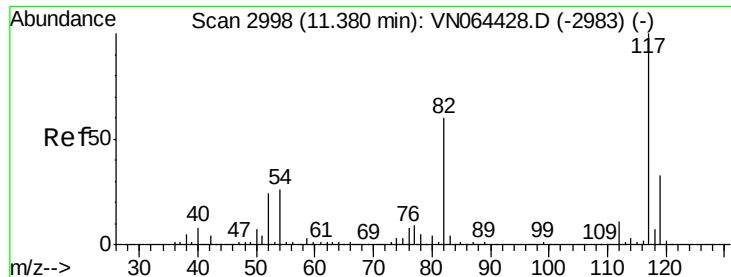
Ion Ratio Lower Upper

95 100

174 72.5 0.0 132.6

176 69.7 0.0 129.2





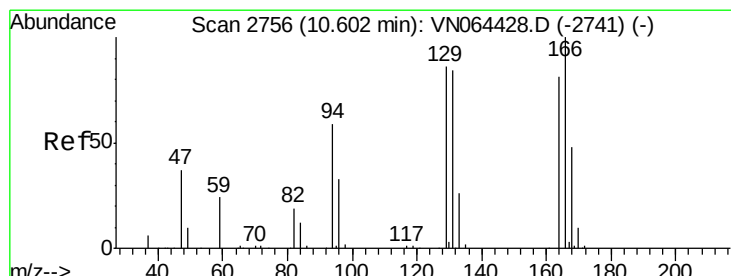
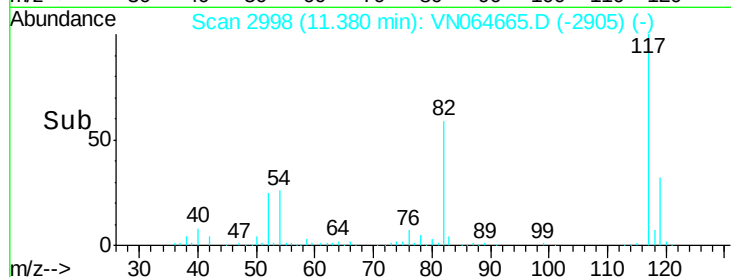
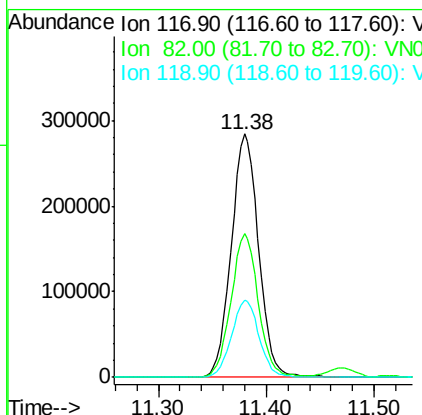
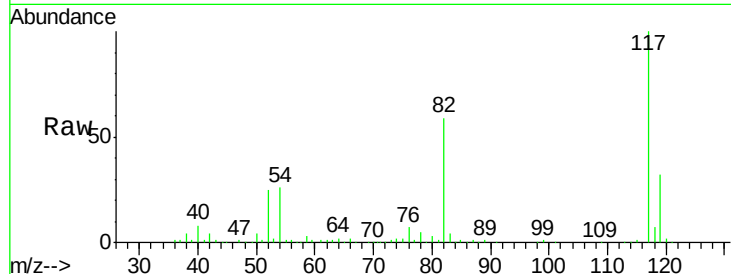
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	48.1	72.1
119	31.8	26.2	39.4

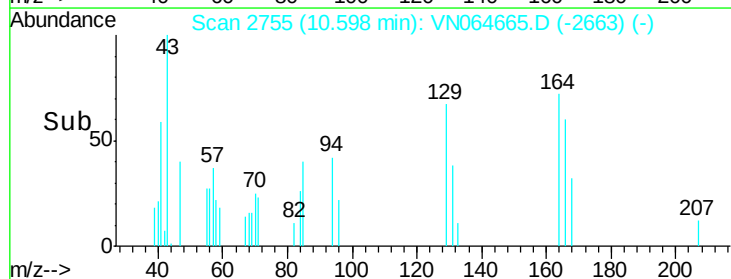
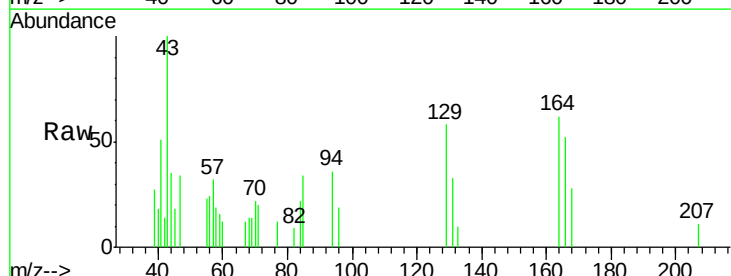
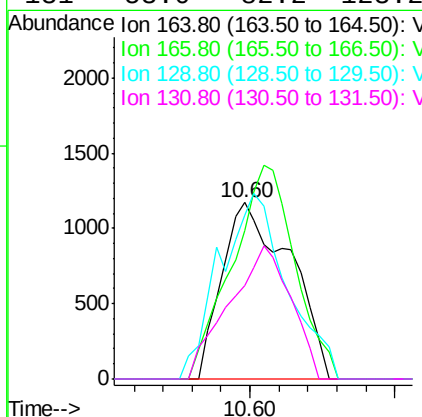
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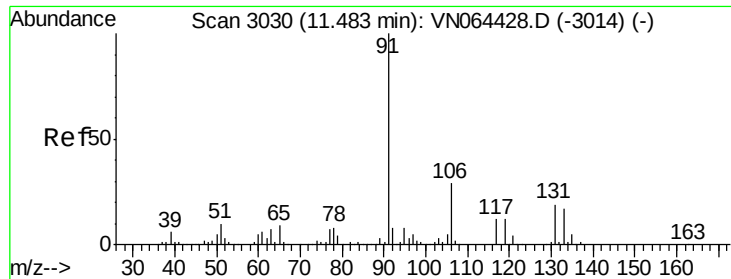
MMDadoda
11/17/2020 7:02:18 PM



#64
Tetrachloroethene
Concen: 0.491 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	83.9	98.2	147.2#
129	93.3	84.6	127.0
131	53.0	82.2	123.2#





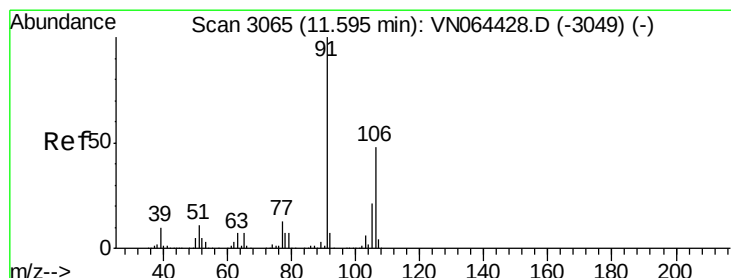
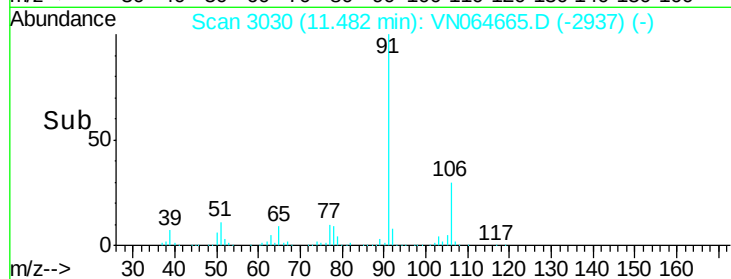
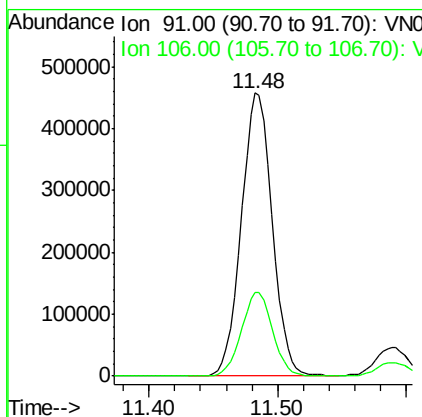
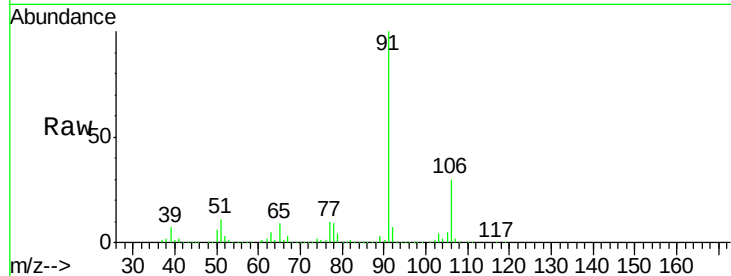
#67
Ethyl Benzene
Concen: 38.891 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tot Ion: 91 Resp: 762500
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

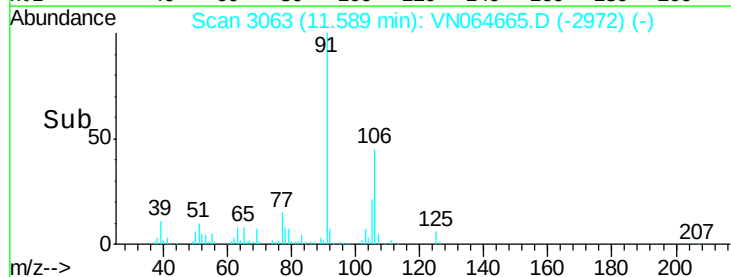
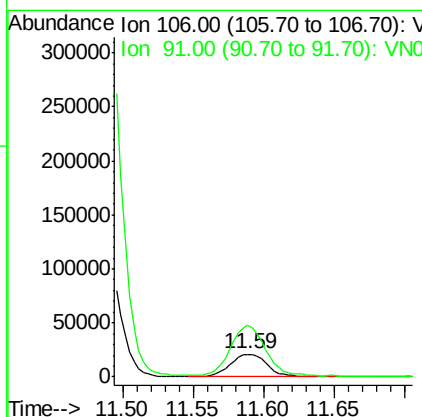
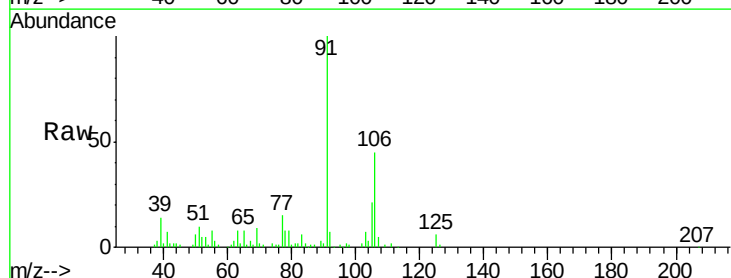
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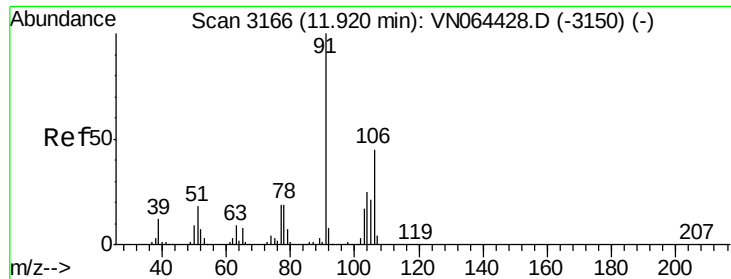
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#68
m/p-Xylenes
Concen: 5.378 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion: 106 Resp: 38242
Ion Ratio Lower Upper
106 100
91 213.7 169.4 254.2





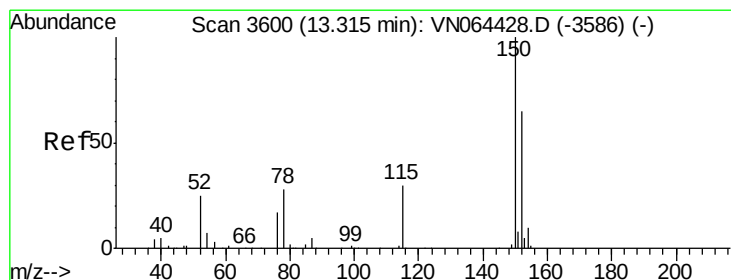
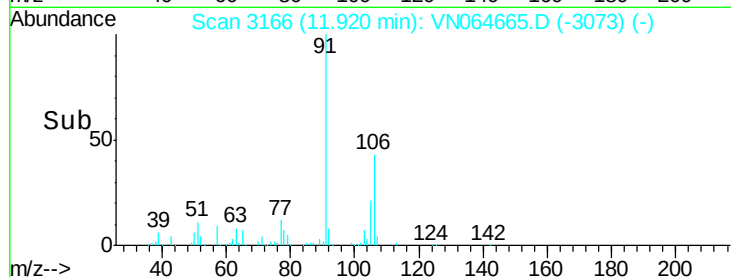
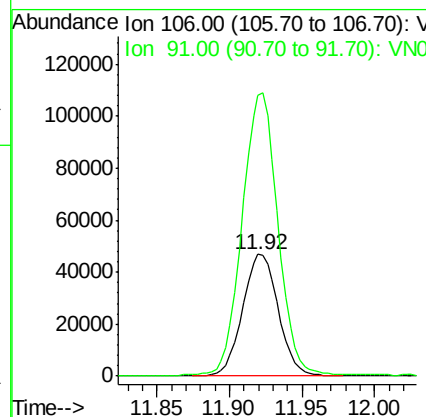
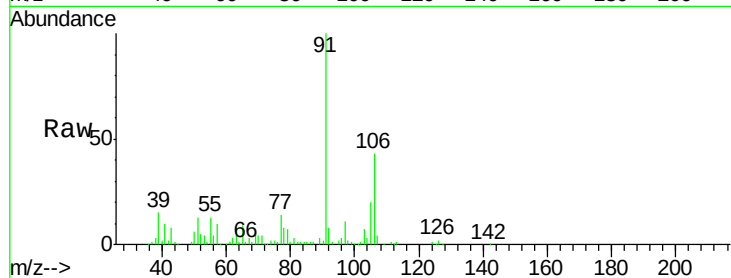
#69
o-Xylene
Concen: 11.701 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion:106 Resp: 80399
Ion Ratio Lower Upper
106 100
91 231.9 111.7 334.9

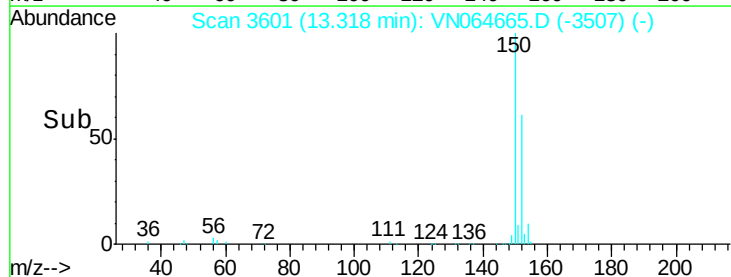
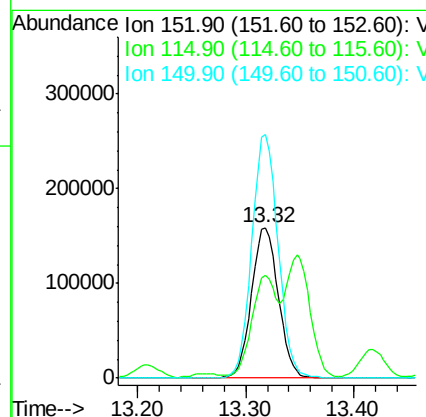
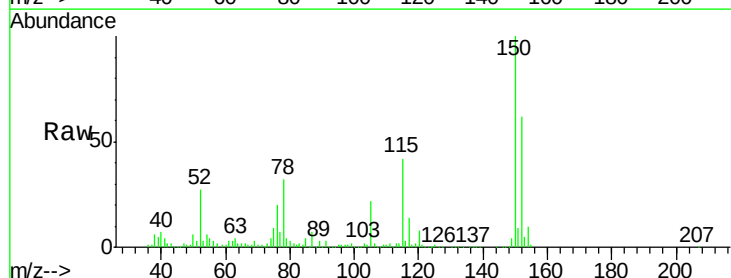
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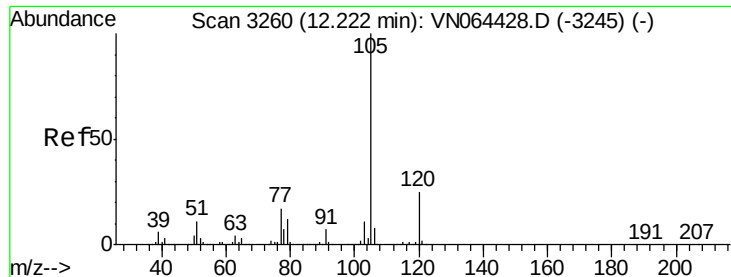
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Tgt Ion:152 Resp: 276176
Ion Ratio Lower Upper
152 100
115 61.4 32.0 96.0
150 157.4 0.0 353.8





#73

Isopropylbenzene

Concen: 107.875 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064665.D

Acq: 16 Nov 2020 17:12

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion:105 Resp: 2368009

Ion Ratio Lower Upper

105 100

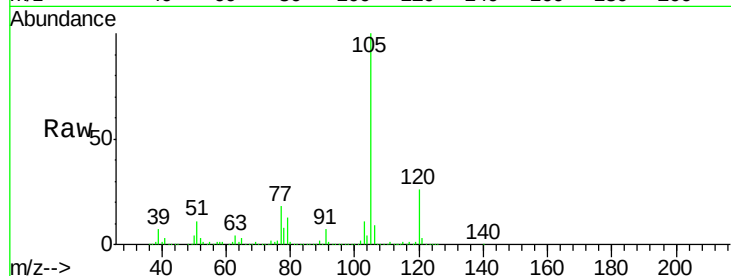
120 25.7 12.8 38.3

Manual Integrations

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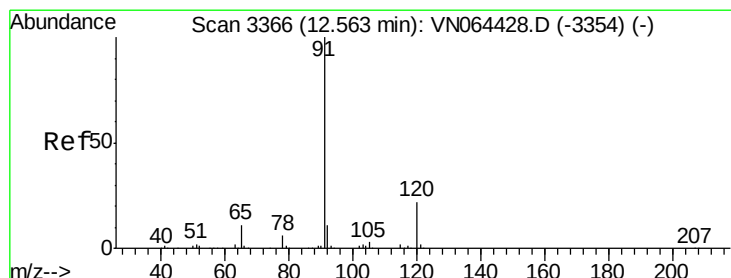
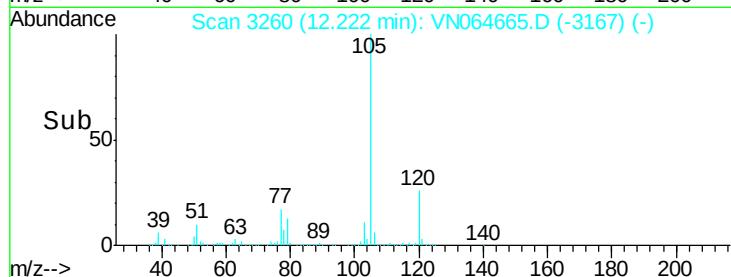
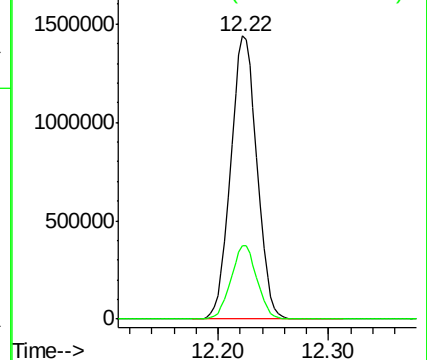
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 199.084 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064665.D

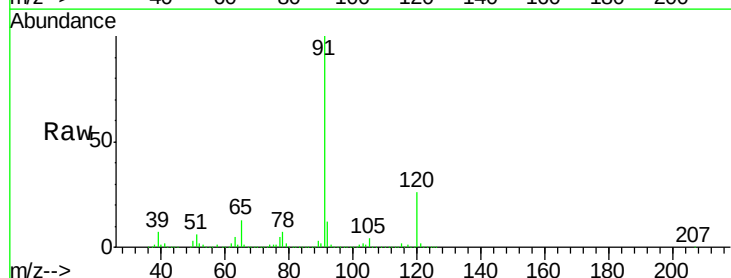
Acq: 16 Nov 2020 17:12

Tgt Ion: 91 Resp: 4982301

Ion Ratio Lower Upper

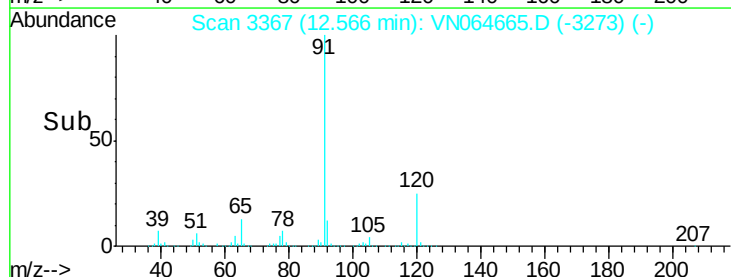
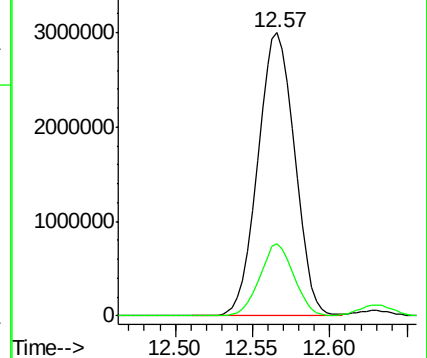
91 100

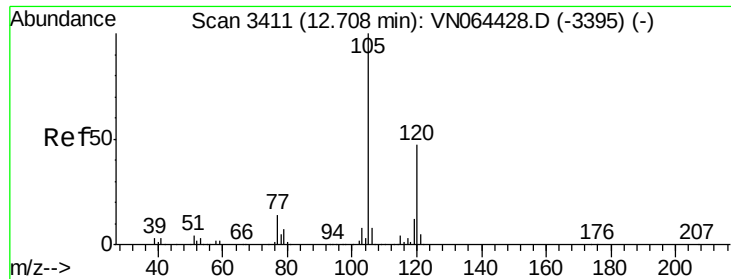
120 23.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





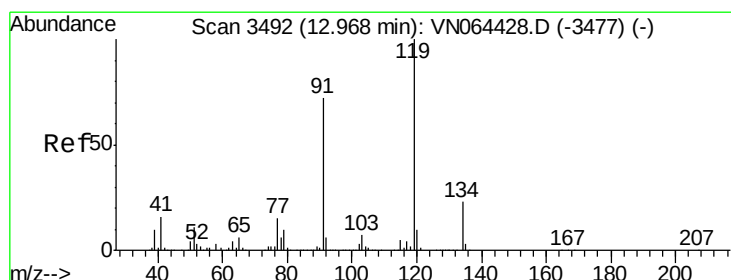
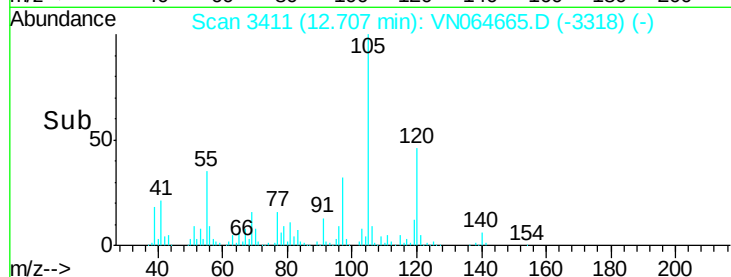
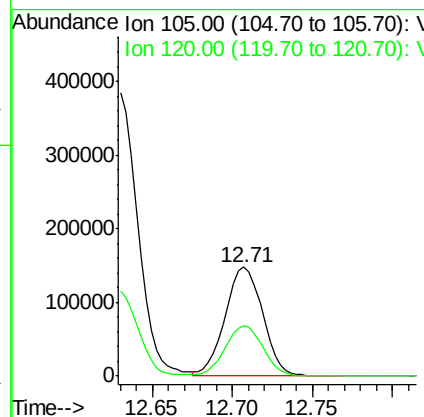
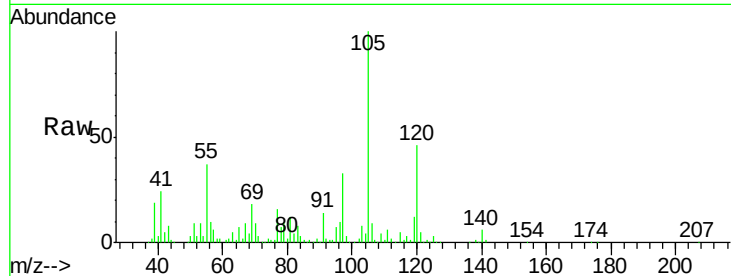
#80
 1,3,5-Trimethylbenzene
 Concen: 13.104 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion:105 Resp: 237300
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2

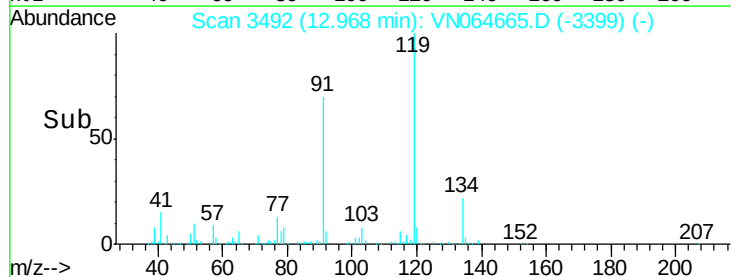
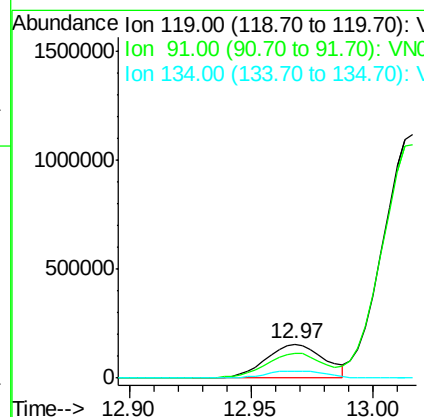
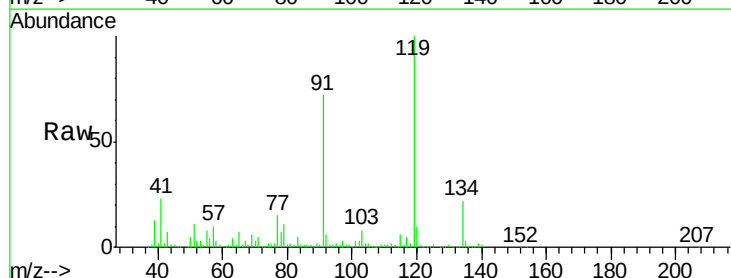
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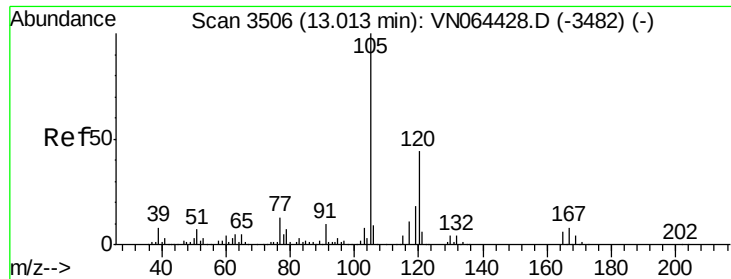
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#83
 tert-Butylbenzene
 Concen: 18.107 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion:119 Resp: 256100
 Ion Ratio Lower Upper
 119 100
 91 69.4 36.1 108.3
 134 22.4 11.7 35.1





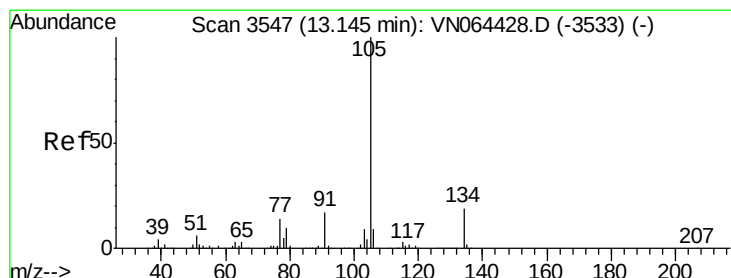
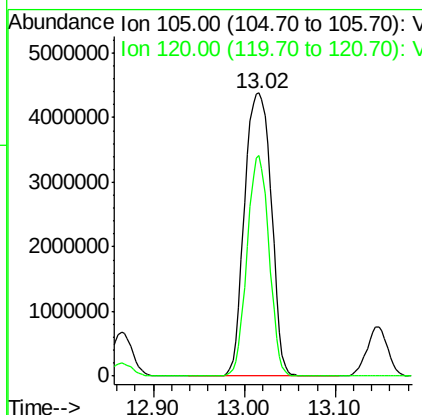
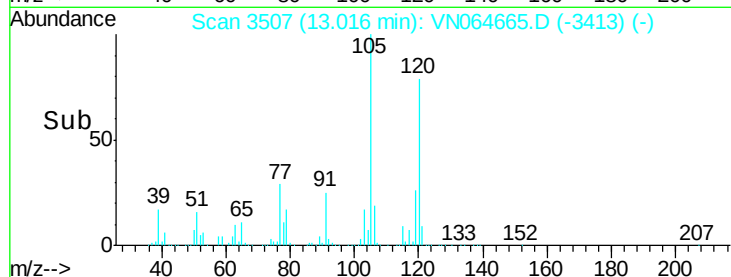
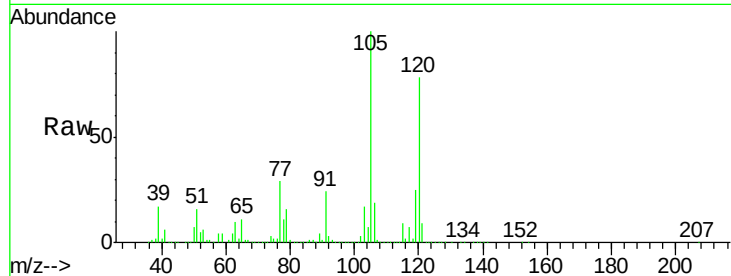
#84
 1,2,4-Trimethylbenzene
 Concen: 490.749 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion:105 Resp: 8933975
 Ion Ratio Lower Upper
 105 100
 120 64.2 21.9 65.7

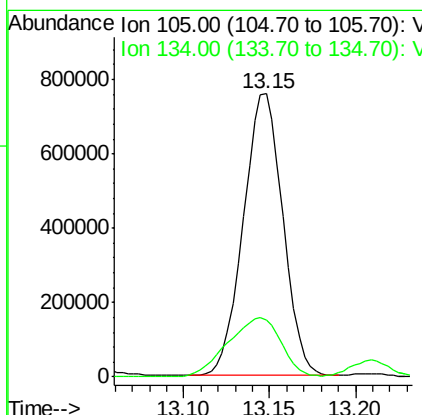
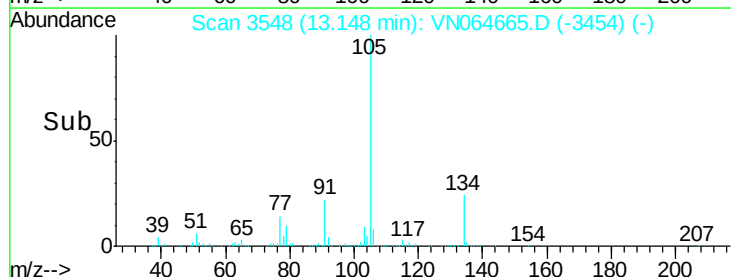
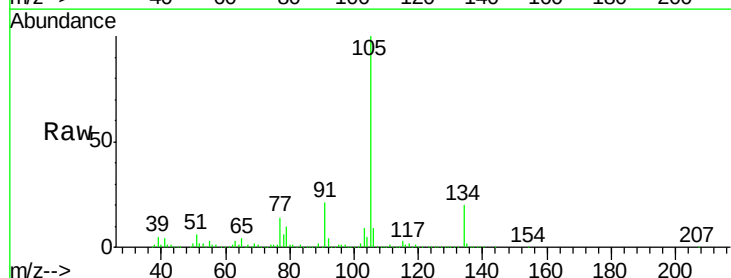
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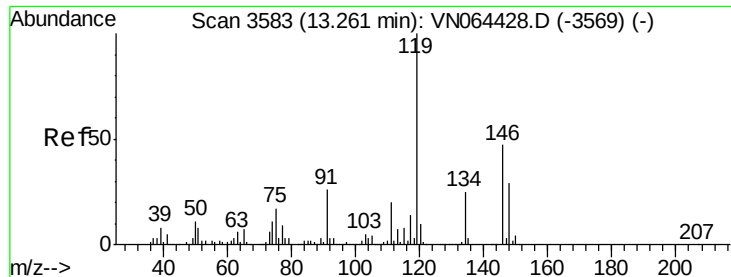
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#85
 sec-Butylbenzene
 Concen: 67.482 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion:105 Resp: 1208767
 Ion Ratio Lower Upper
 105 100
 134 28.6 9.4 28.2#





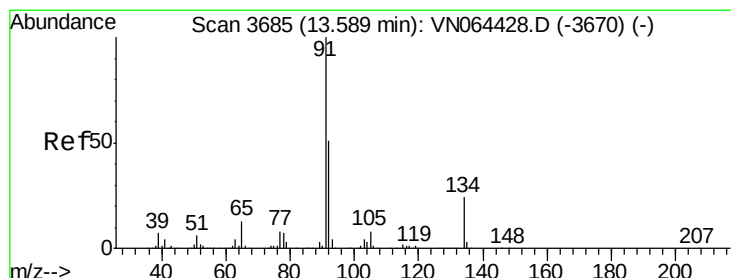
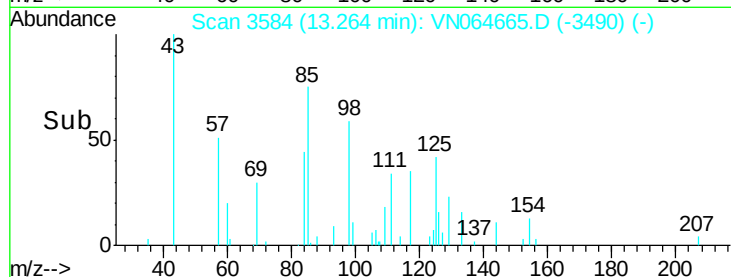
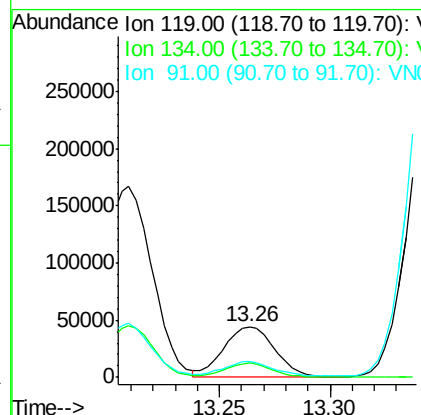
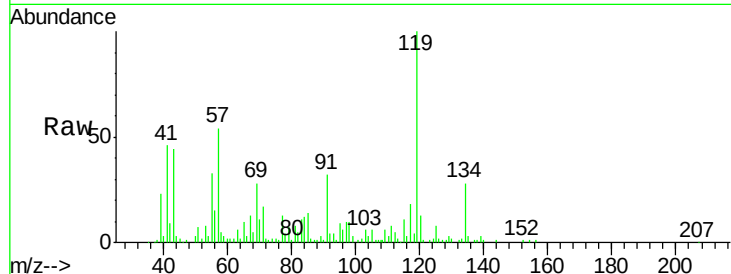
#86
 p-Isopropyltoluene
 Concen: 4.334 ug/l m
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
119	100		
134	102.3	12.6	37.6#
91	93.9	12.8	38.3#

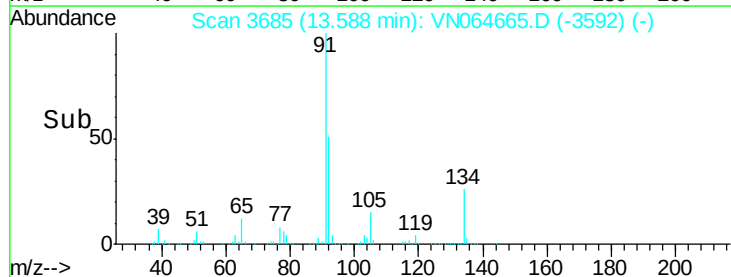
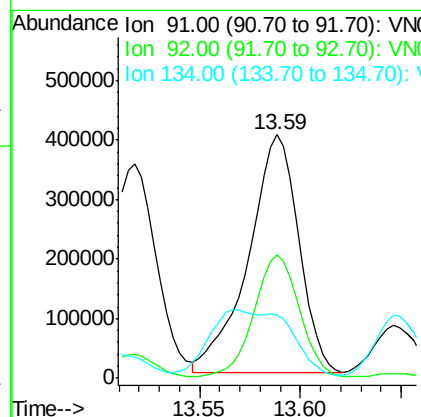
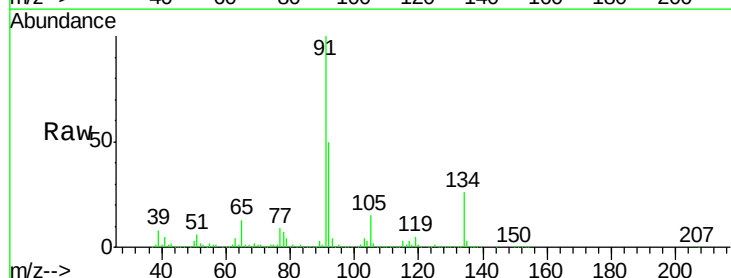
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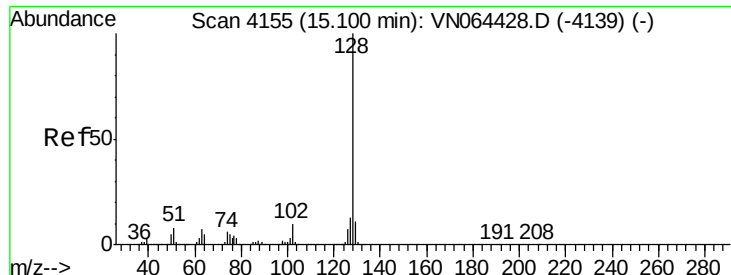
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#89
 n-Butylbenzene
 Concen: 49.986 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN064665.D
 Acq: 16 Nov 2020 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.2	25.3	75.9
134	0.0	11.8	35.4#





#95
Naphthalene
Concen: 15.746 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064665.D
Acq: 16 Nov 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.5	15.7
129	9.9	8.8	13.2

Manual Integrations
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