

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055435.D
 Acq On : 7 May 2019 14:14
 Operator : JC/SP
 Sample : K2658-21 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

Manual Integrations
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 5/8/2019 10:21:53 AM

Quant Time: May 08 06:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	460292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	724771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297224	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	231146	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.09	98	858207	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	257710	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.06	50	4360	0.624	ug/l	97
39) Methylcyclohexane	9.09	83	2126	0.288	ug/l #	79
67) Ethyl Benzene	11.51	91	47012	2.254	ug/l	96
68) m/p-Xylenes	11.62	106	101555	13.643	ug/l	95
69) o-Xylene	11.94	106	13429	1.820	ug/l	94
73) Isopropylbenzene	12.25	105	77140	1.974	ug/l	98
78) n-propylbenzene	12.59	91	158604	7.981	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	172830	11.395	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	940774	69.354	ug/l	99
85) sec-Butylbenzene	13.17	105	45317	2.749	ug/l #	76
86) p-Isopropyltoluene	13.29	119	30480	2.250	ug/l	98
89) n-Butylbenzene	13.61	91	25258m	2.623	ug/l	
95) Naphthalene	15.13	128	19063	6.637	ug/l	96

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

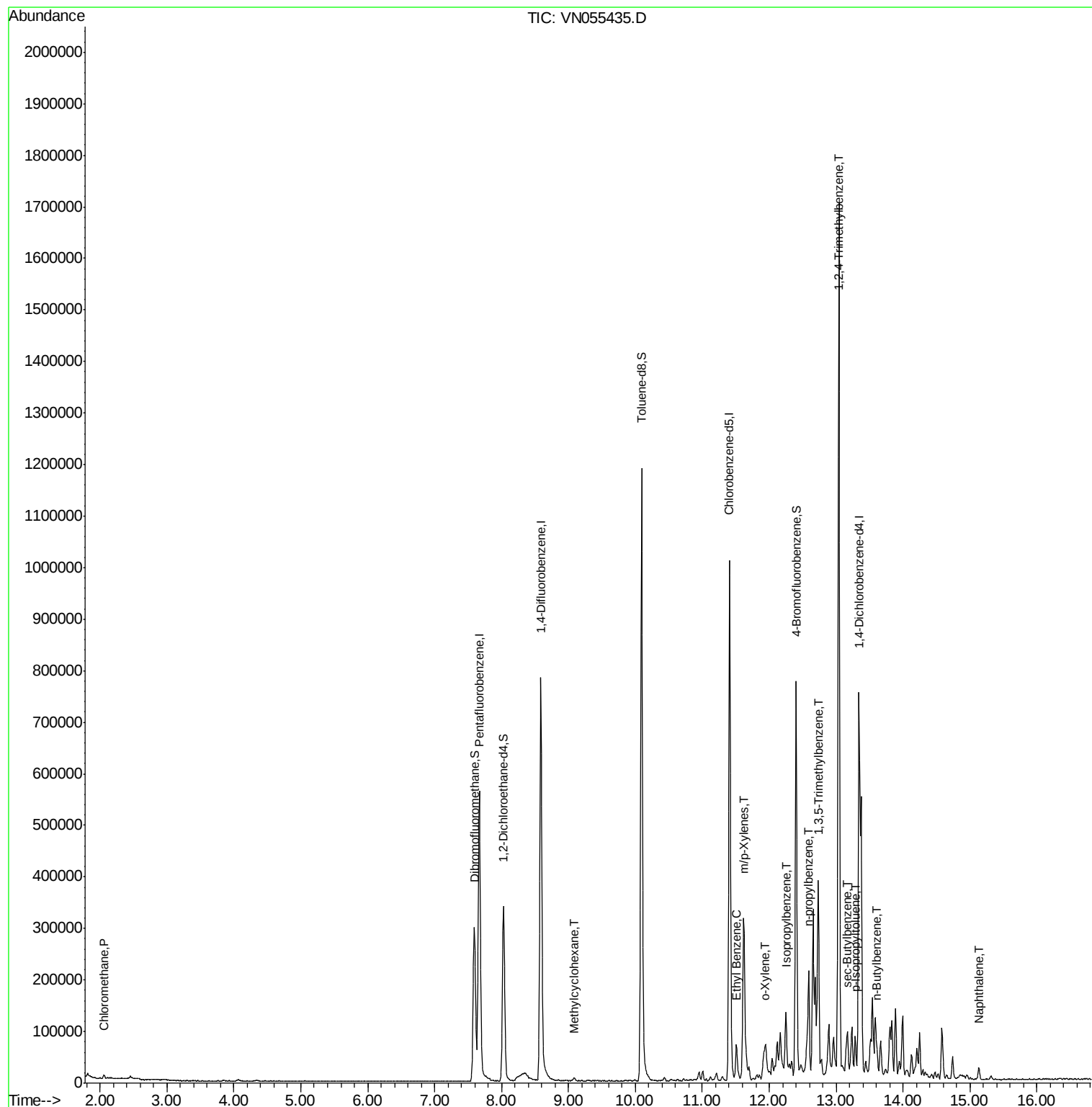
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055435.D
Acq On : 7 May 2019 14:14
Operator : JC/SP
Sample : K2658-21 40X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

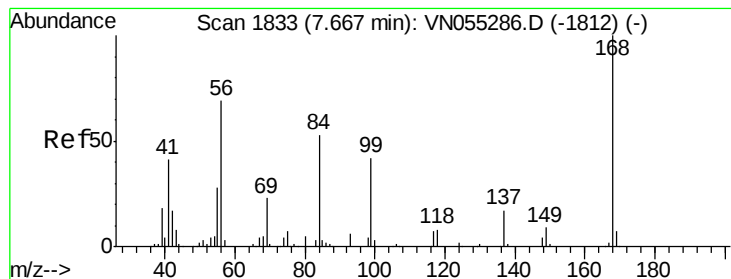
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W1-2

Manual Integrations
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Quant Time: May 08 06:48:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

Tot Ion:168 Resp: 460292

Ion Ratio Lower Upper

168 100

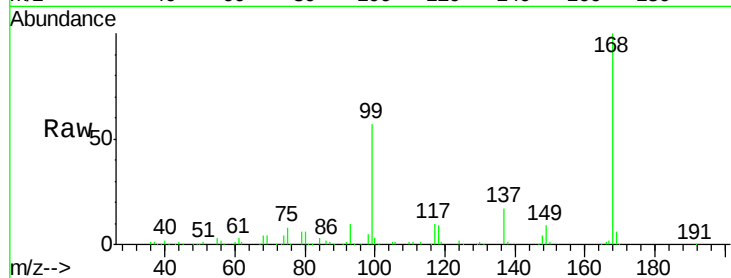
99 57.1 43.6 65.4

Manual Integrations

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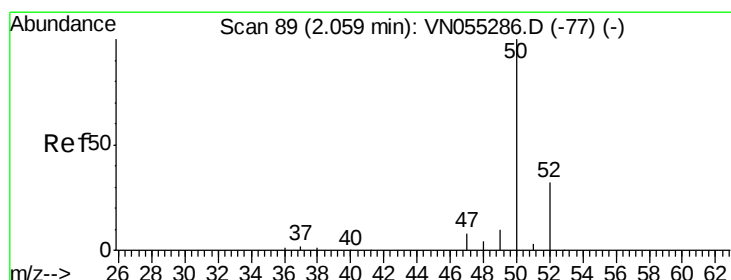
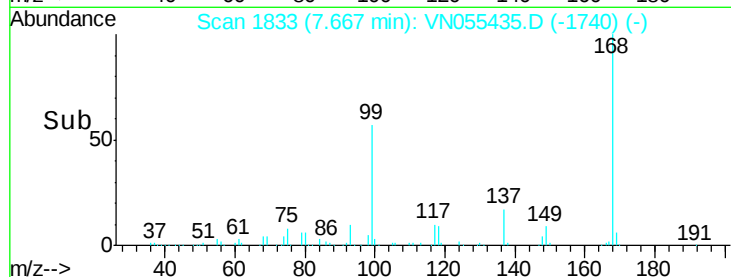
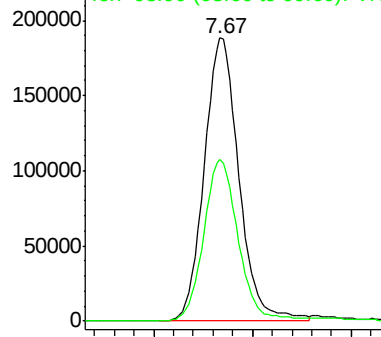
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.624 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055435.D

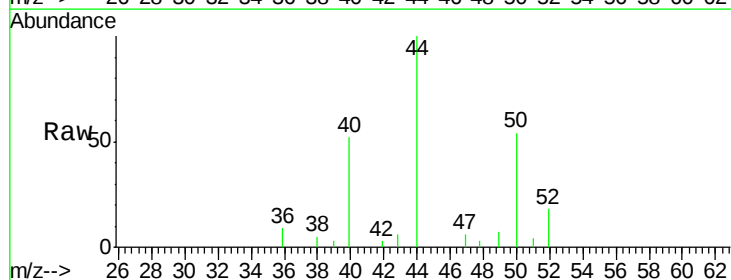
Acq: 7 May 2019 14:14

Tgt Ion: 50 Resp: 4360

Ion Ratio Lower Upper

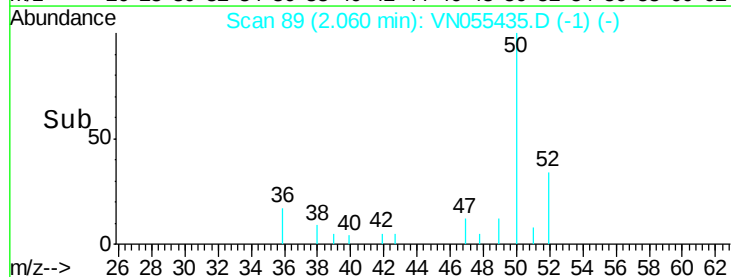
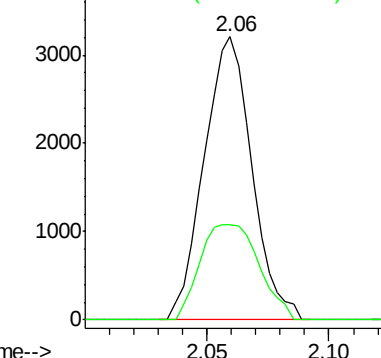
50 100

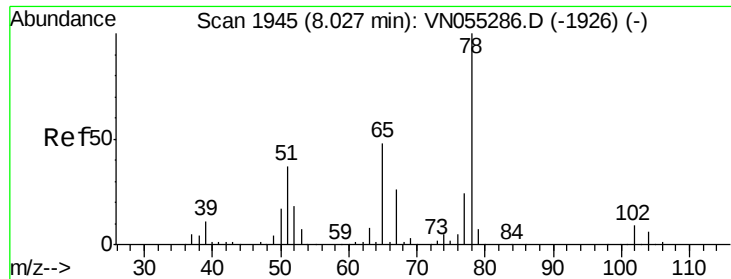
52 33.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





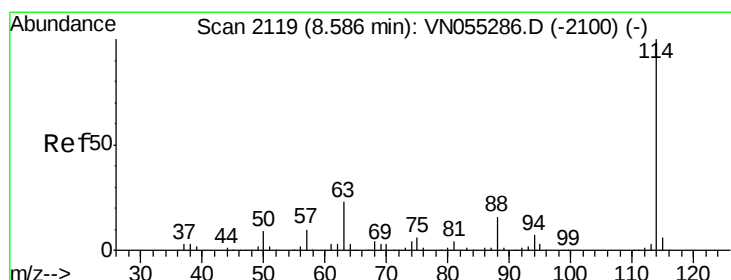
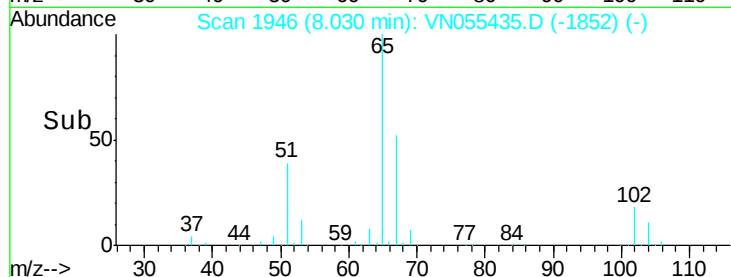
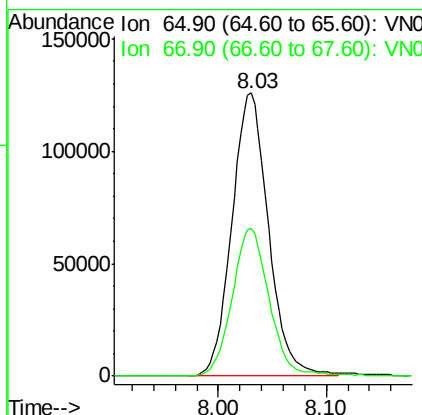
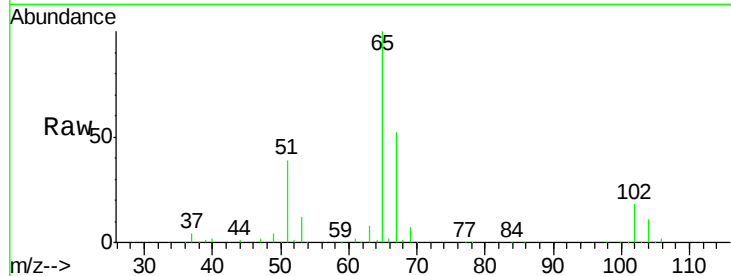
#33
 1,2-Dichloroethane-d4
 Concen: 49.359 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W1-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	297224		
67	52.7	0.0	106.8	

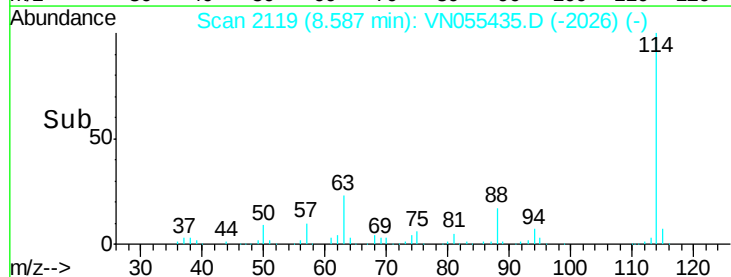
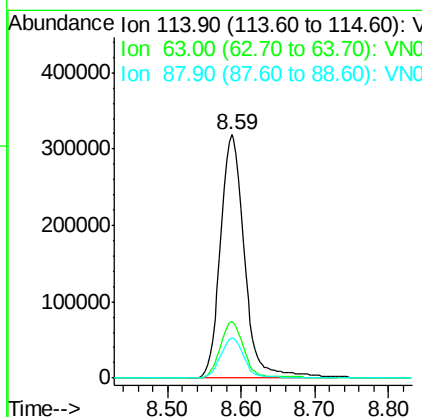
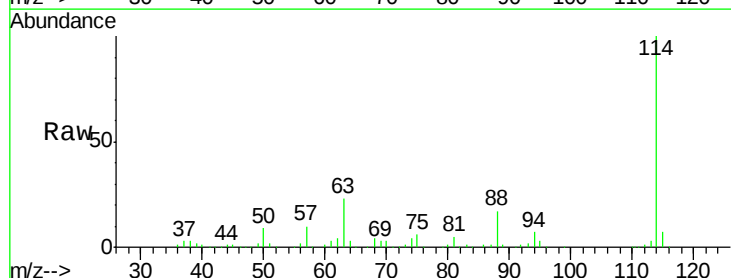
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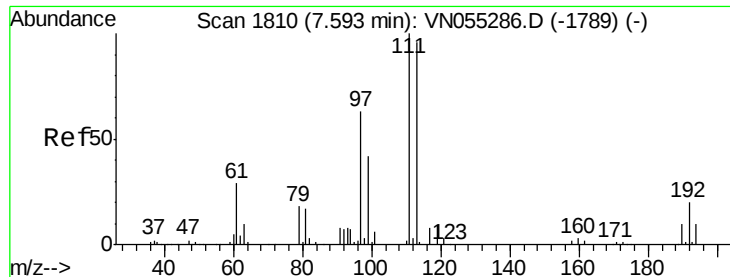
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055435.D
 Acq: 7 May 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	724771		
63	23.5	0.0	45.2	
88	16.7	0.0	31.6	





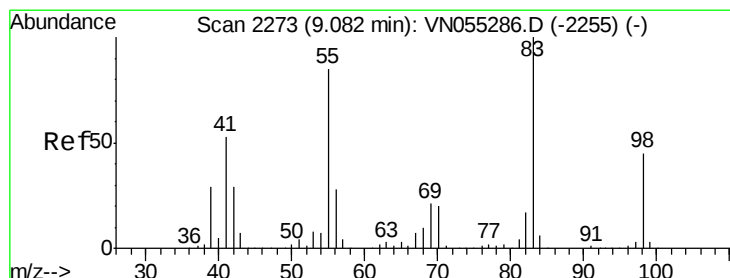
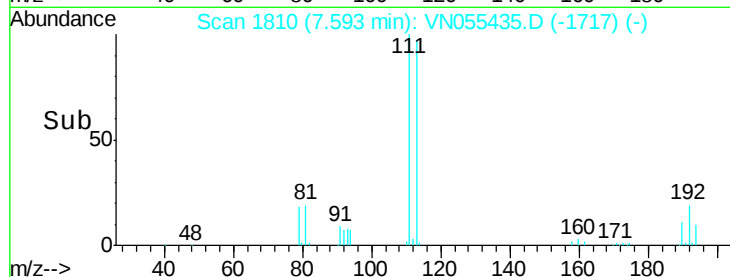
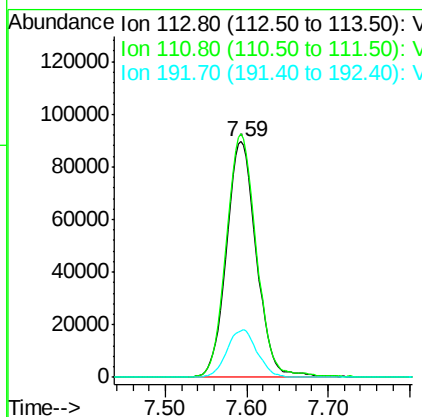
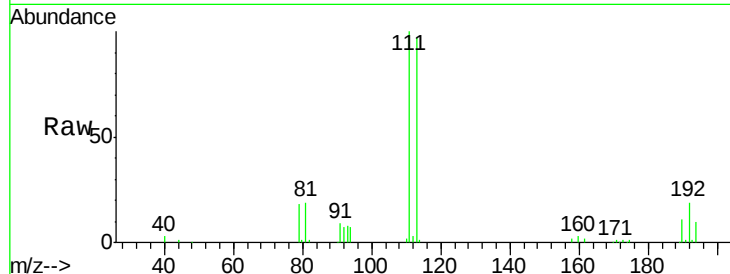
#35
Dibromofluoromethane
Concen: 48.589 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	20.4	17.0	25.6

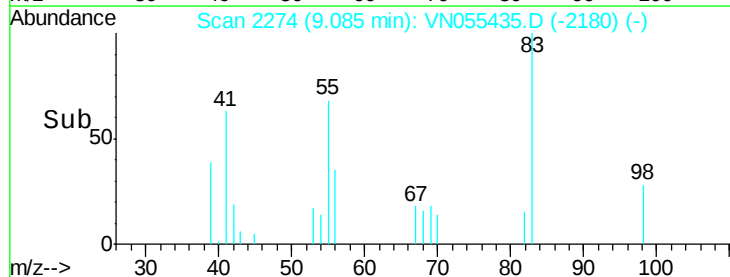
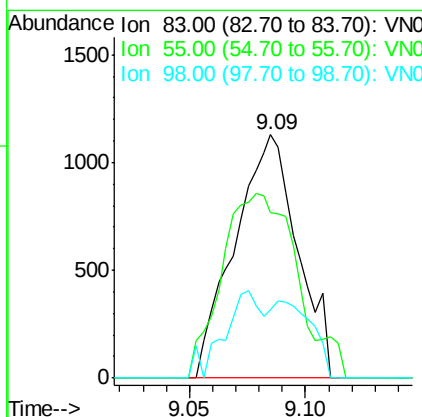
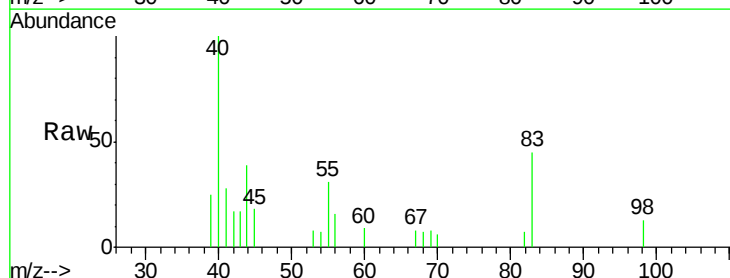
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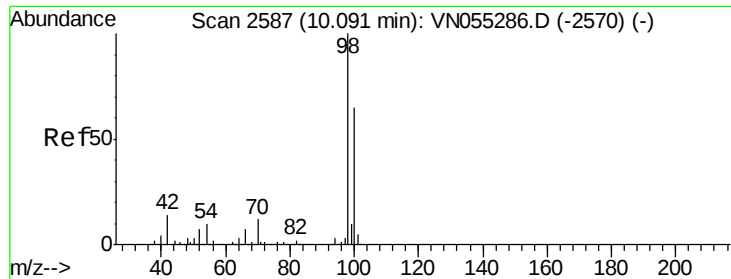
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#39
Methylcyclohexane
Concen: 0.288 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.9	67.8	101.6
98	28.3	36.2	54.4#





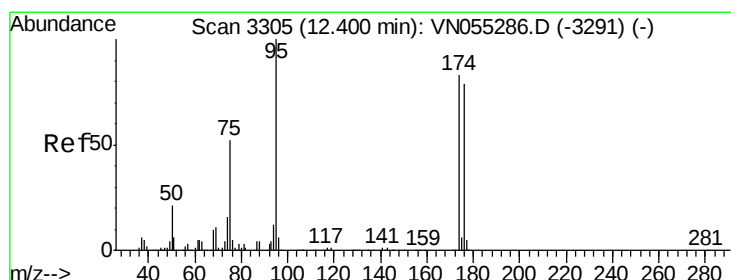
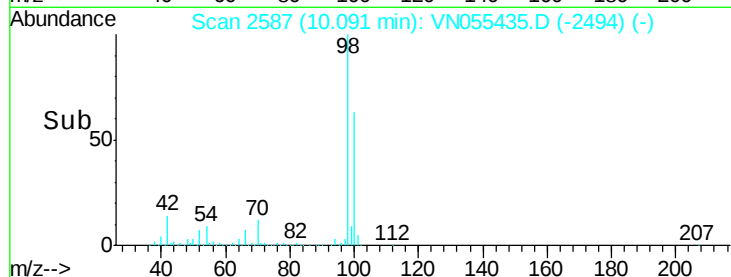
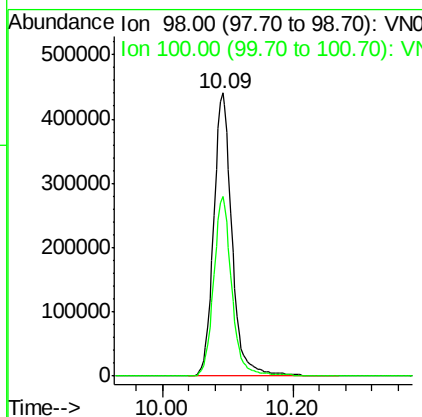
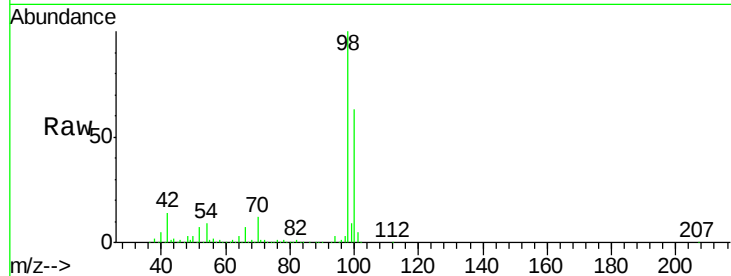
#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion: 98 Resp: 858207
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

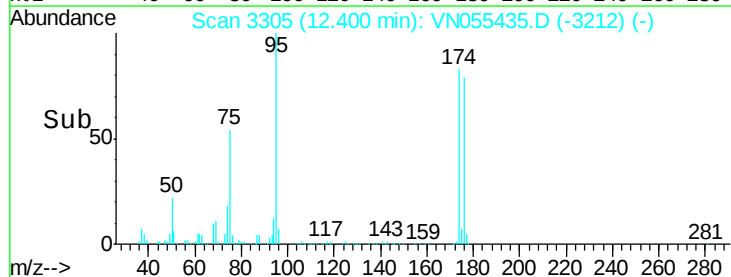
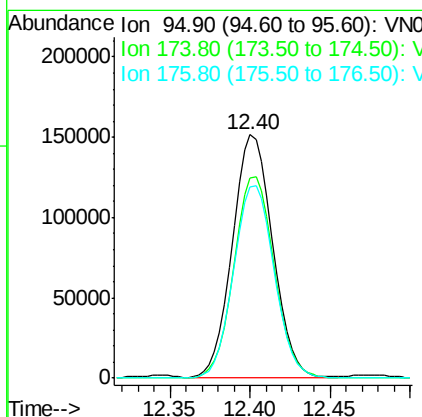
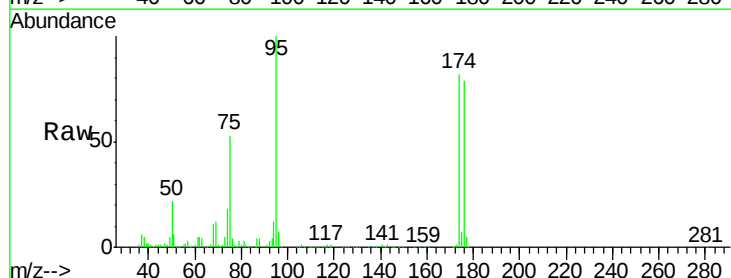
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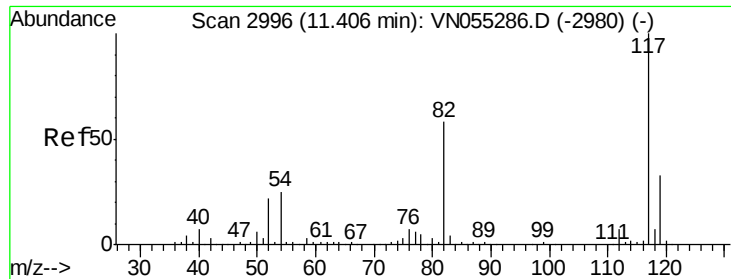
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#62
4-Bromofluorobenzene
Concen: 48.003 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion: 95 Resp: 257710
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.6
176 80.4 0.0 157.8





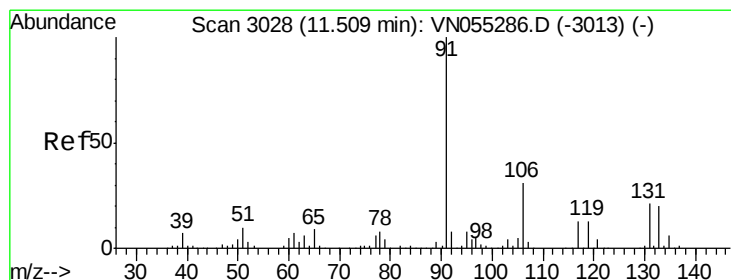
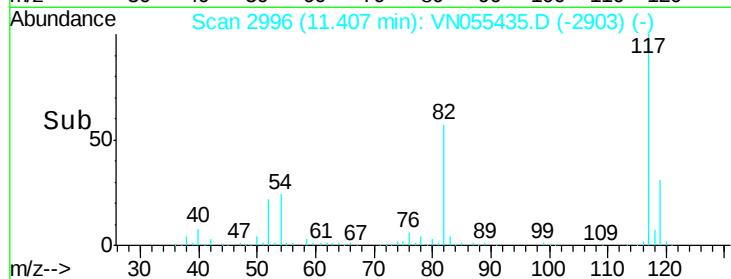
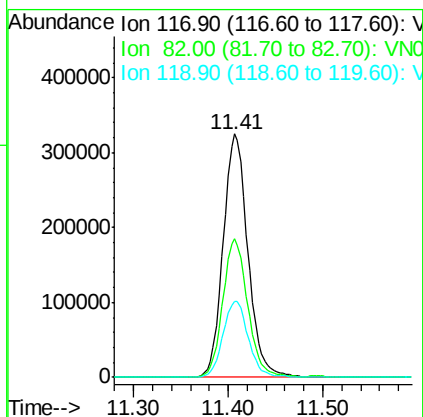
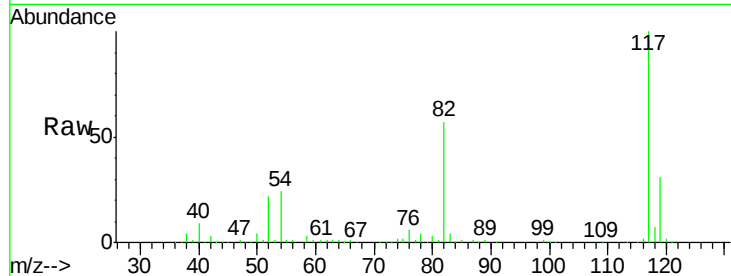
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.2	69.4
119	31.4	26.6	40.0

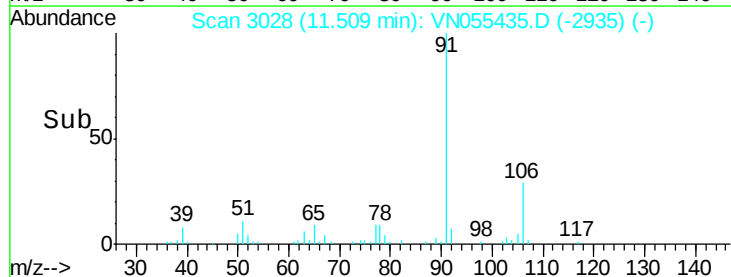
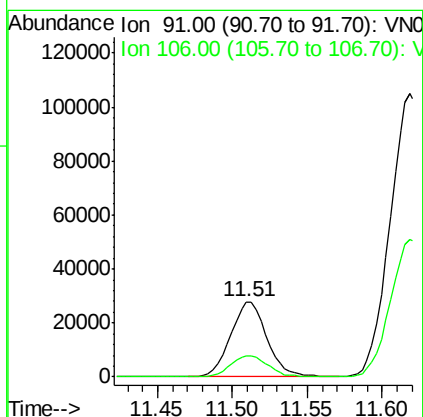
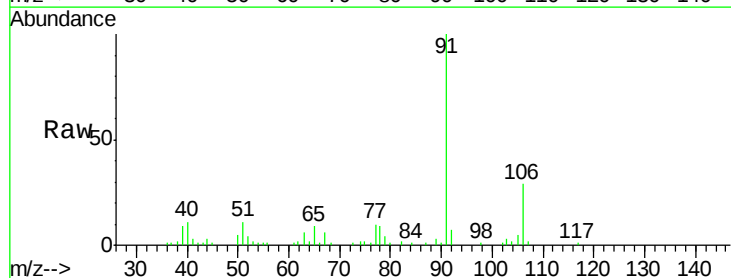
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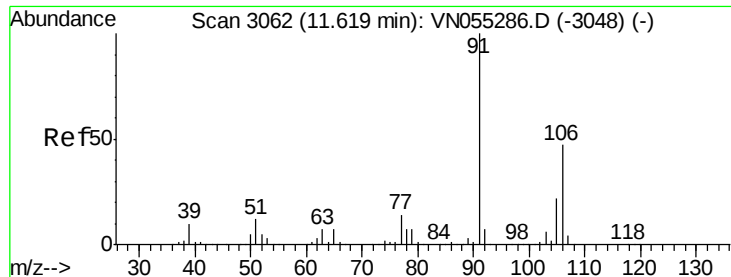
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#67
Ethyl Benzene
Concen: 2.254 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.6	36.8





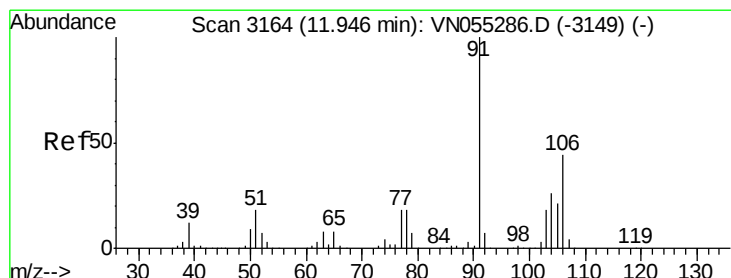
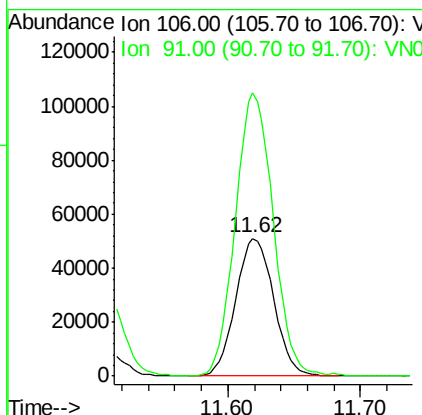
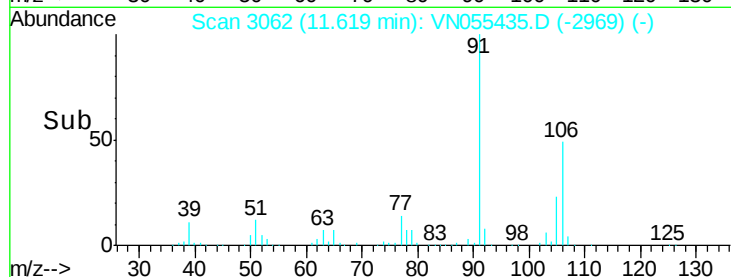
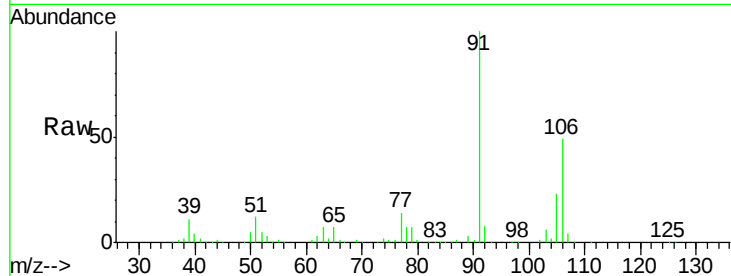
#68
m/p-Xylenes
Concen: 13.643 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion:106 Resp: 101555
Ion Ratio Lower Upper
106 100
91 204.7 169.5 254.3

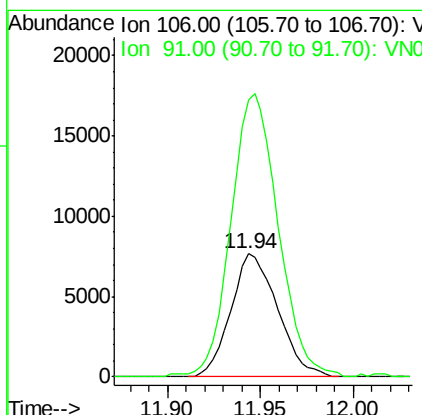
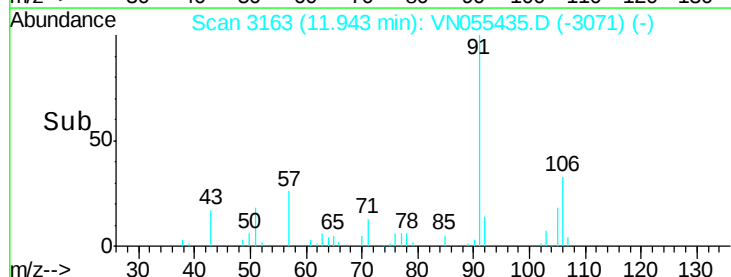
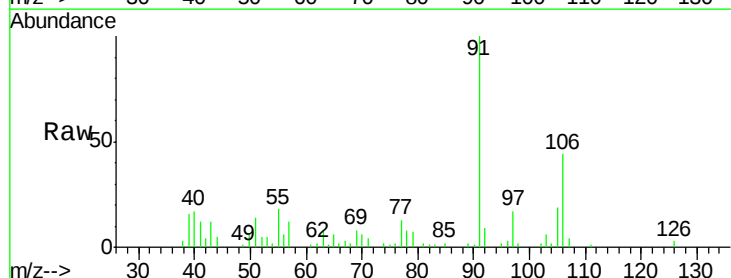
Manual Integrations
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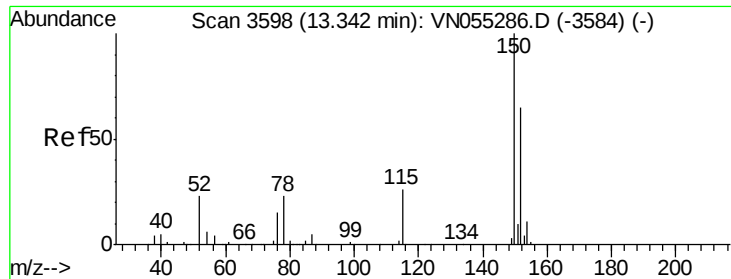
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#69
o-Xylene
Concen: 1.820 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion:106 Resp: 13429
Ion Ratio Lower Upper
106 100
91 232.6 111.5 334.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

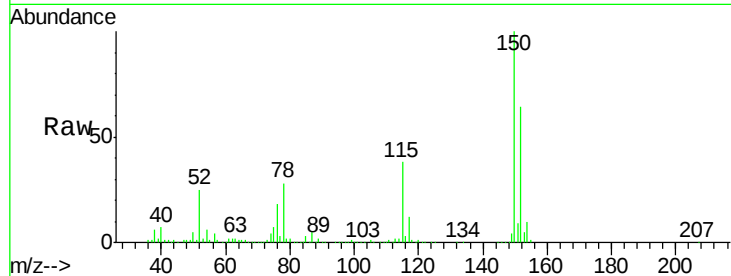
ClientSampleId :

EP1-PZ-W1-2

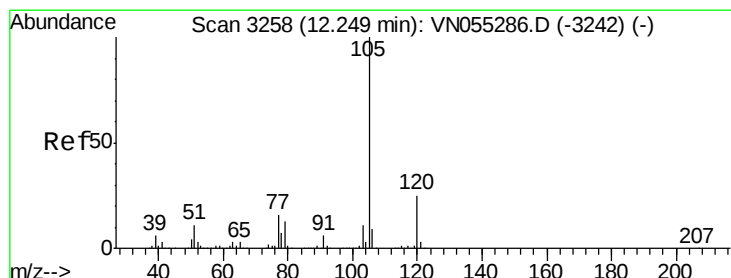
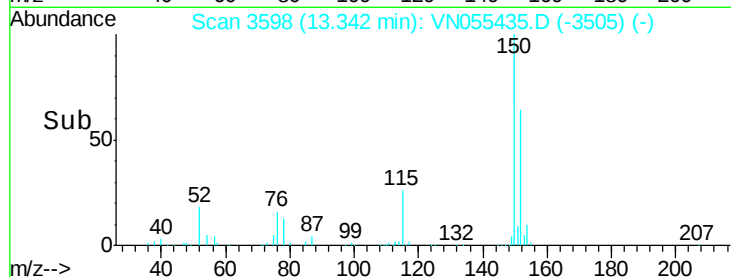
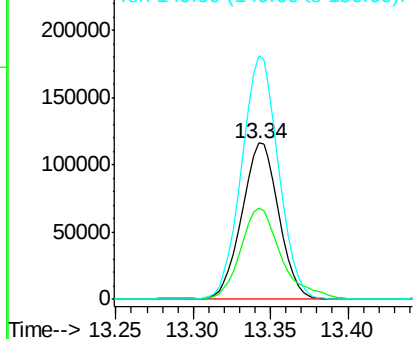
Tot Ion:	152	Resp:	193469
Ion	Ratio	Lower	Upper
152	100		
115	64.3	29.0	87.0
150	155.8	0.0	345.6

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.974 ug/l

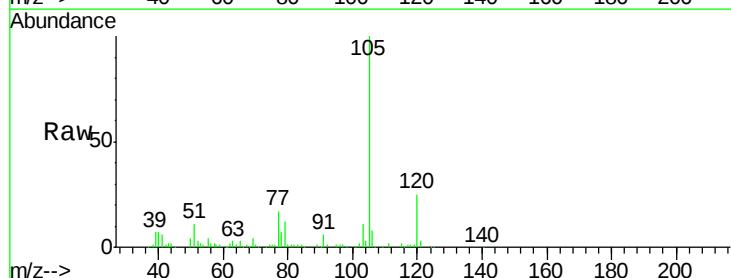
RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

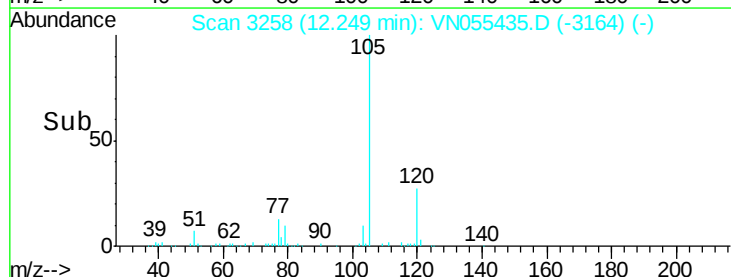
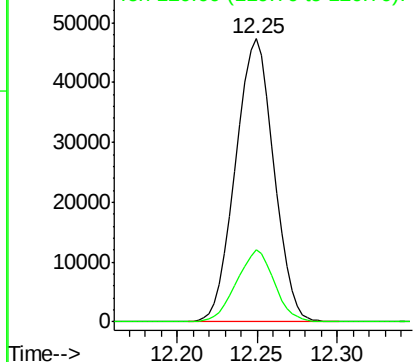
Lab File: VN055435.D

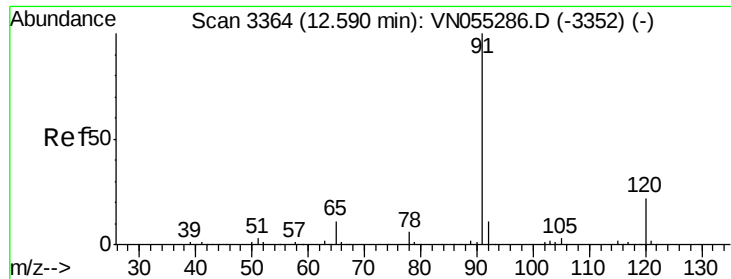
Acq: 7 May 2019 14:14

Tgt Ion:	105	Resp:	77140
Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.9	38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7.981 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

Tot Ion: 91 Resp: 158604

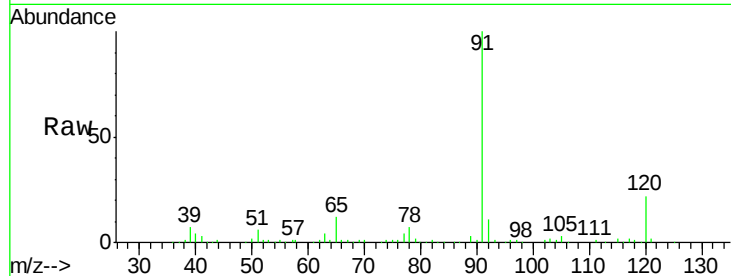
Ion Ratio Lower Upper

91 100

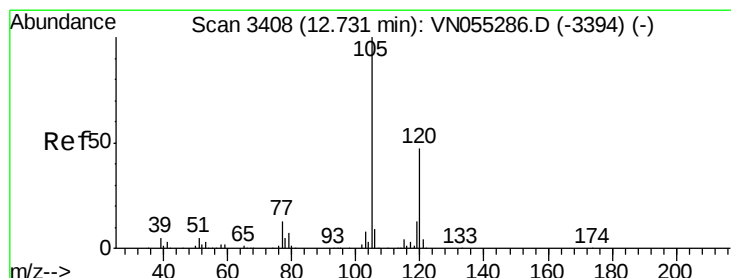
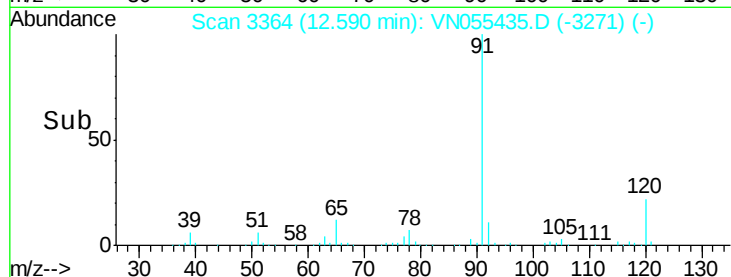
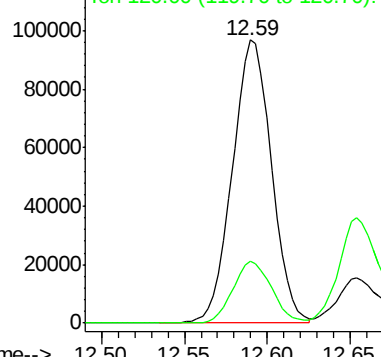
120 21.6 11.0 33.0

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Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 11.395 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055435.D

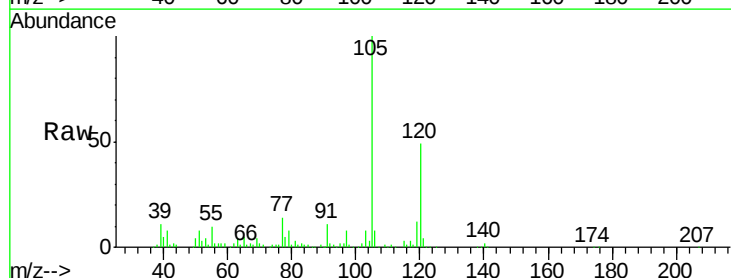
Acq: 7 May 2019 14:14

Tgt Ion: 105 Resp: 172830

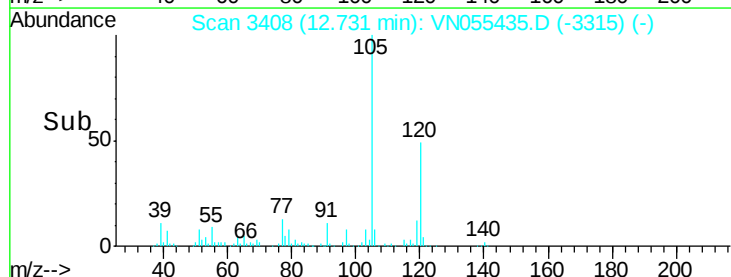
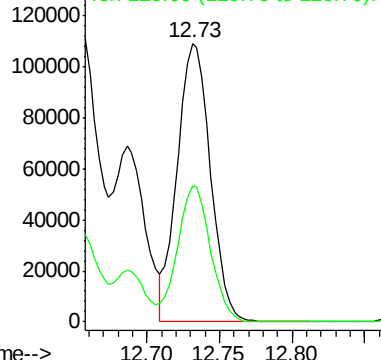
Ion Ratio Lower Upper

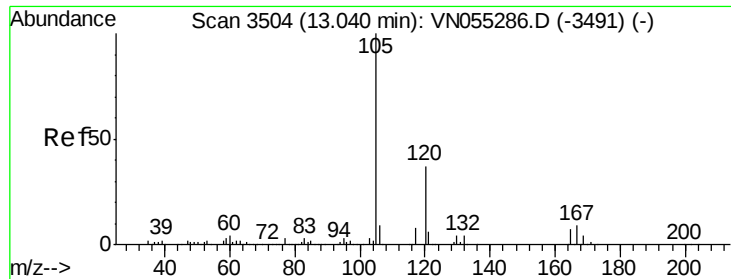
105 100

120 49.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)





#84

1,2,4-Trimethylbenzene

Concen: 69.354 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055435.D

Acq: 7 May 2019 14:14

Instrument :

MSVOA_N

ClientSampled :

EP1-PZ-W1-2

Tot Ion:105 Resp: 940774

Ion Ratio Lower Upper

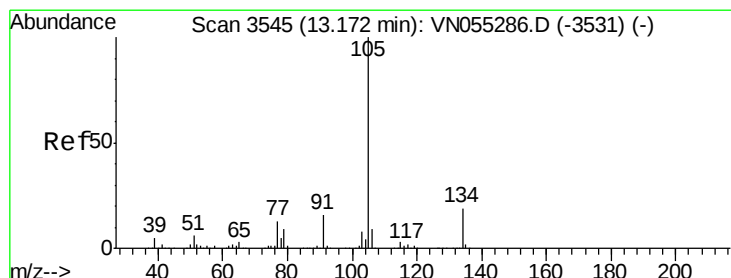
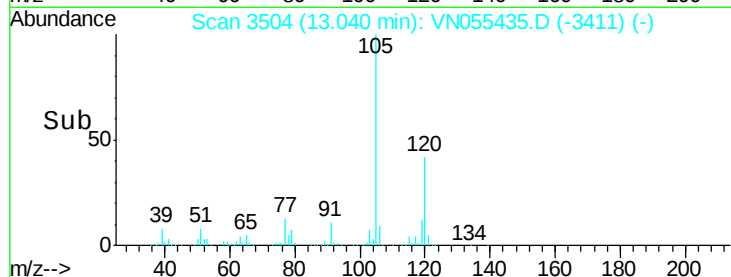
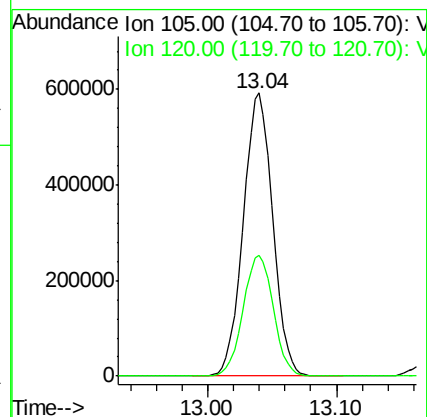
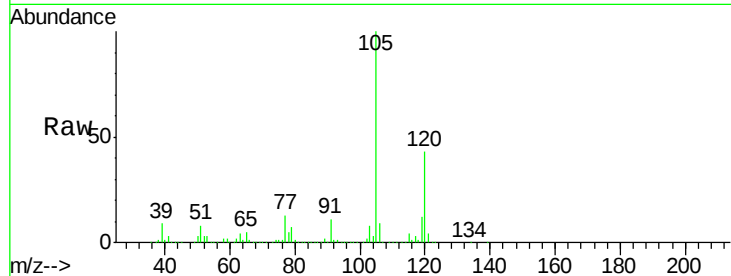
105 100

120 43.9 22.1 66.5

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#85

sec-Butylbenzene

Concen: 2.749 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055435.D

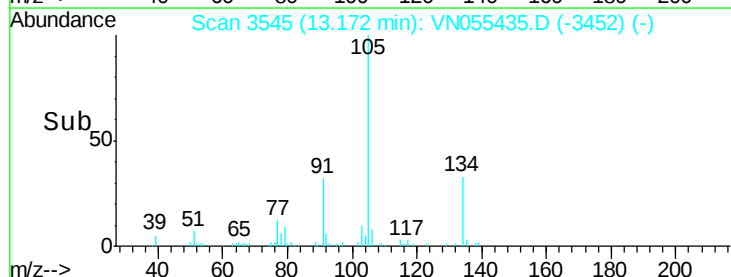
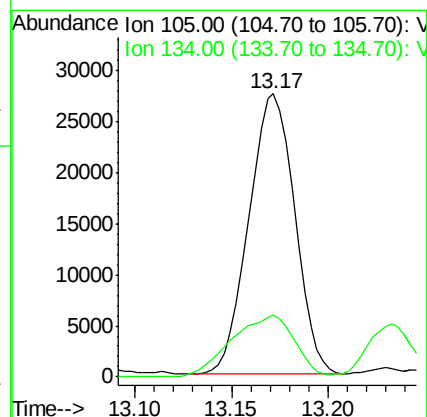
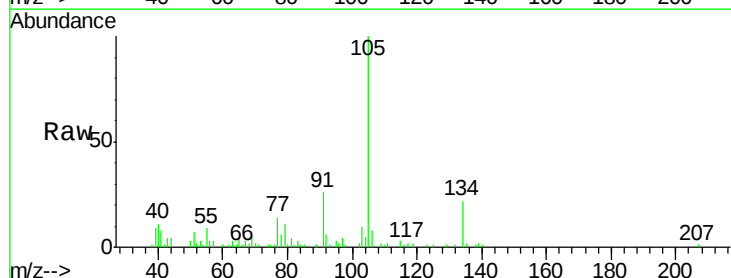
Acq: 7 May 2019 14:14

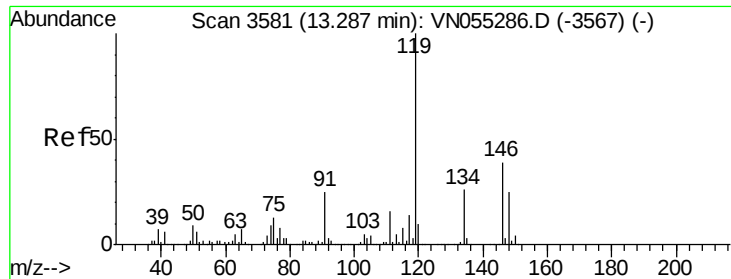
Tgt Ion:105 Resp: 45317

Ion Ratio Lower Upper

105 100

134 30.2 9.6 28.8#





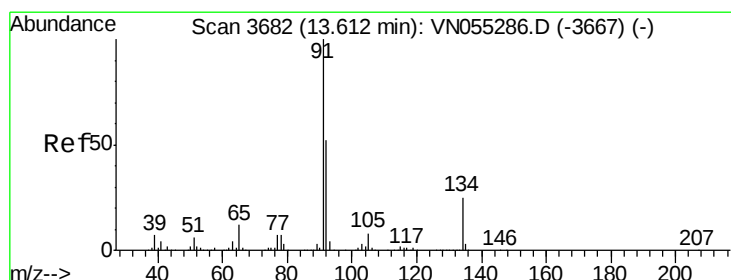
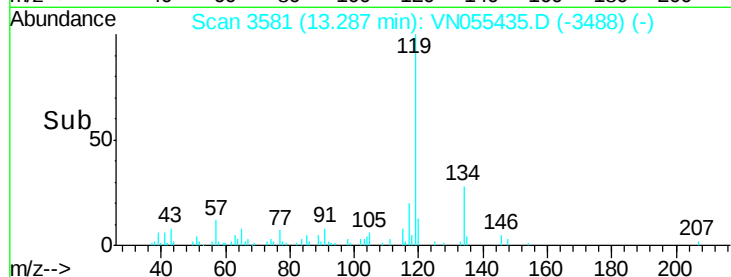
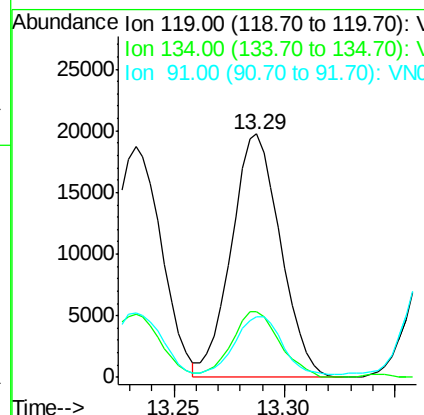
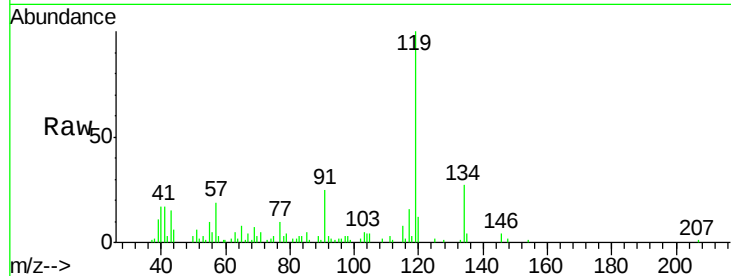
#86
p-Isopropyltoluene
Concen: 2.250 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	38.9
91	22.4	12.2	36.6

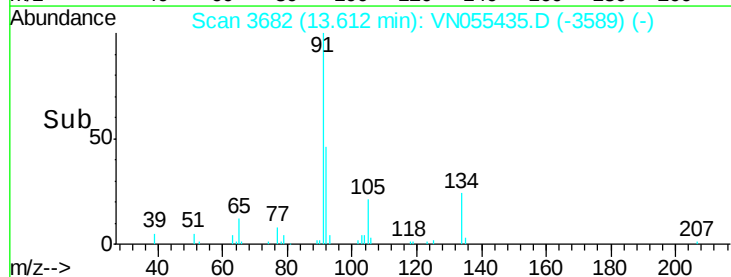
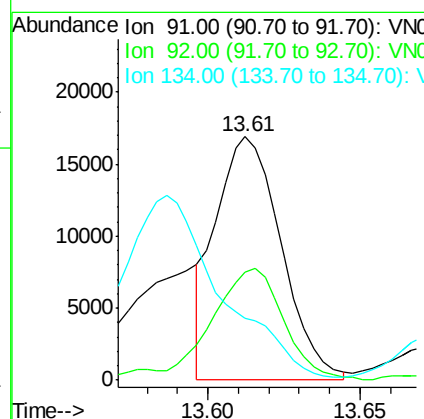
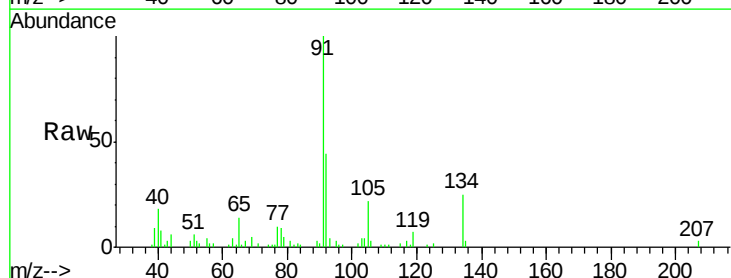
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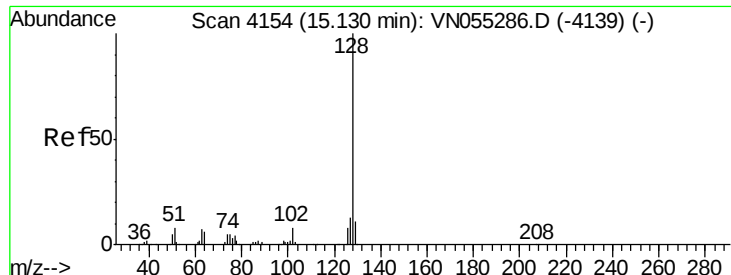
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#89
n-Butylbenzene
Concen: 2.623 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.3
134	0.0	12.4	37.4#





#95
Naphthalene
Concen: 6.637 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055435.D
Acq: 7 May 2019 14:14

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.7	16.1
129	11.8	8.6	13.0

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