

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055367.D
 Acq On : 2 May 2019 23:27
 Operator : JC/SP
 Sample : K2658-03 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

Manual Integrations
 APPROVED

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 5/3/2019 1:08:11 PM

Quant Time: May 03 05:50:55 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	402062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	692399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	651143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	270973	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.59	113	216889	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	10.09	98	887515	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.40	95	420740	82.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.06%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	41676	5.910	ug/l	97
67) Ethyl Benzene	11.51	91	256568	11.160	ug/l	99
68) m/p-Xylenes	11.63	106	250144	30.484	ug/l	99
73) Isopropylbenzene	12.25	105	1420934	57.681	ug/l	99
78) n-propylbenzene	12.59	91	3919000	122.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1909575	78.014	ug/l	100
83) tert-Butylbenzene	12.99	119	251695	12.335	ug/l	92
84) 1,2,4-Trimethylbenzene	13.03	105	16179702m	739.097	ug/l	
85) sec-Butylbenzene	13.17	105	2109093	79.276	ug/l #	75
86) p-Isopropyltoluene	13.29	119	1809942	82.772	ug/l	99
89) n-Butylbenzene	13.61	91	2132928m	137.271	ug/l	
95) Naphthalene	15.13	128	106333	14.765	ug/l	97

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

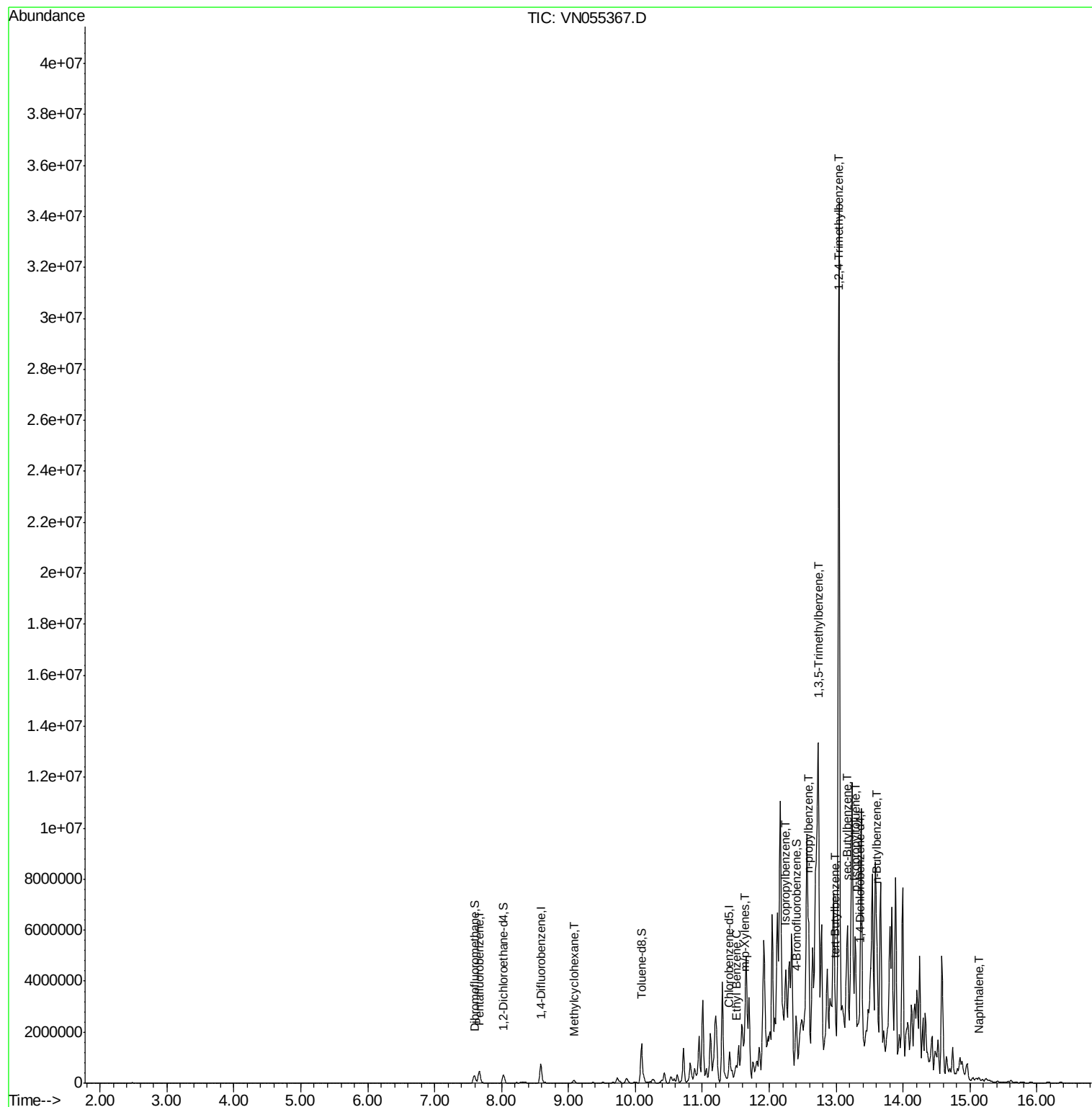
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055367.D
Acq On : 2 May 2019 23:27
Operator : JC/SP
Sample : K2658-03 10X
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 36 Sample Multiplier: 1

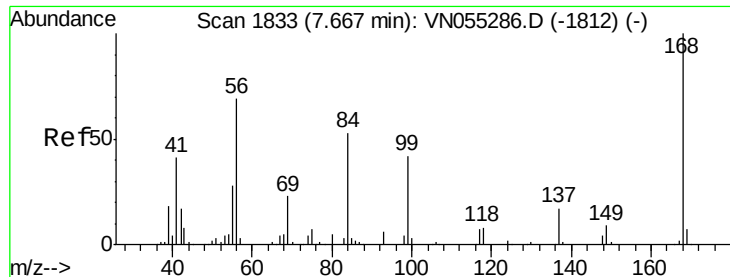
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)

Manual Integrations
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Quant Time: May 03 05:50:55 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: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

Tgt Ion: 168 Resp: 402062

Ion Ratio Lower Upper

168 100

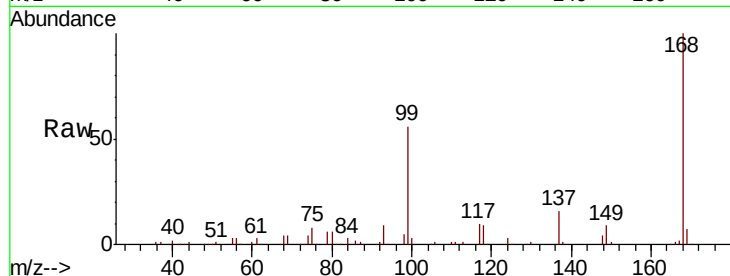
99 55.6 43.6 65.4

Manual Integrations

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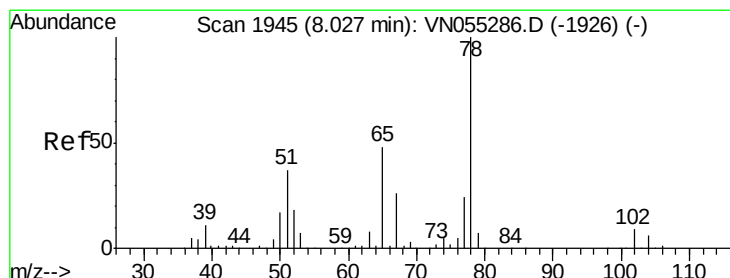
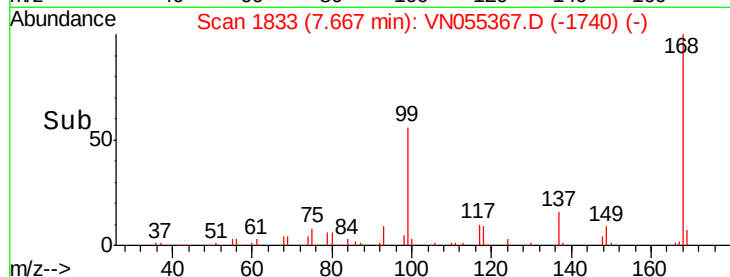
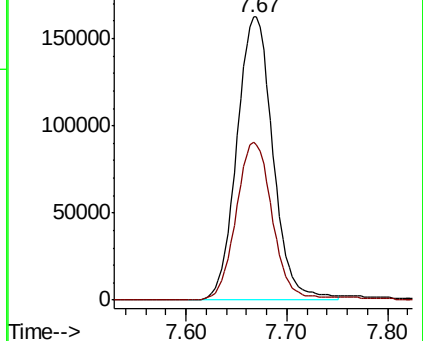
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 51.517 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055367.D

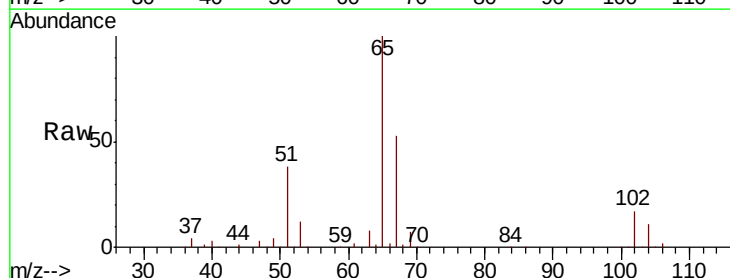
Acq: 2 May 2019 23:27

Tgt Ion: 65 Resp: 270973

Ion Ratio Lower Upper

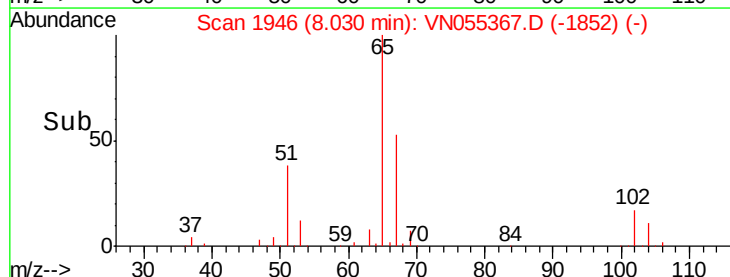
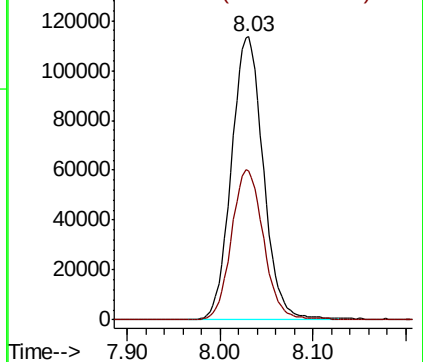
65 100

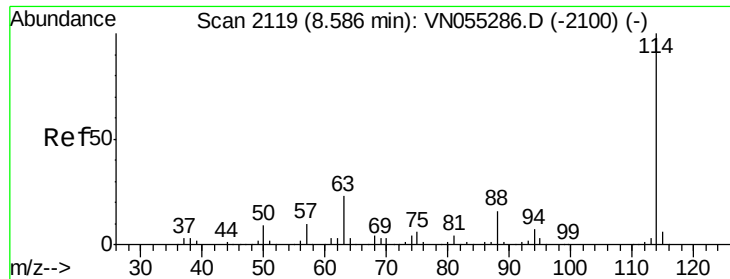
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





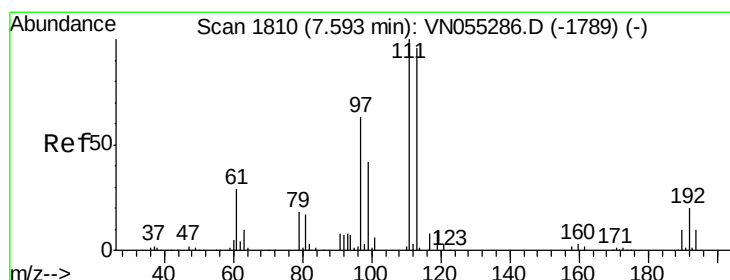
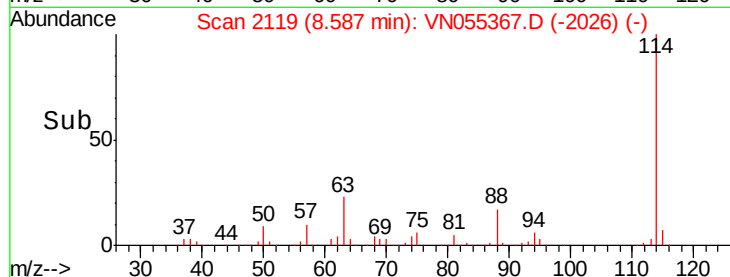
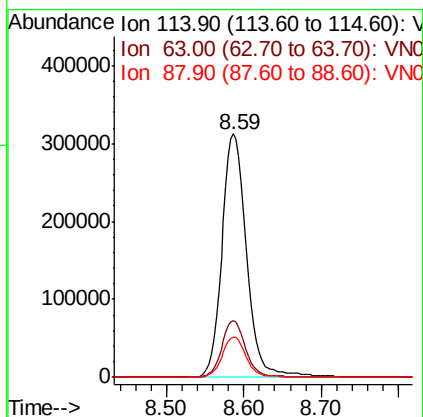
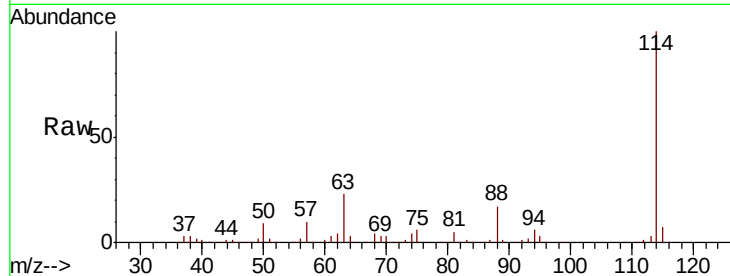
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	692399		
63	23.3	0.0	45.2	
88	16.5	0.0	31.6	

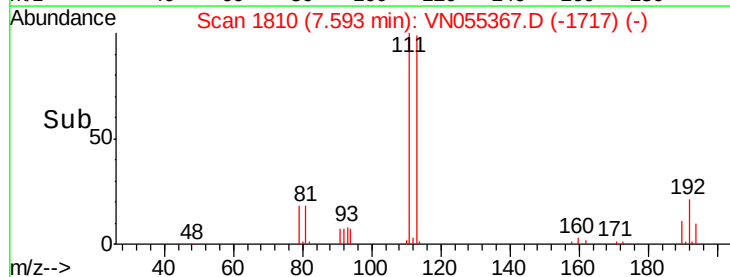
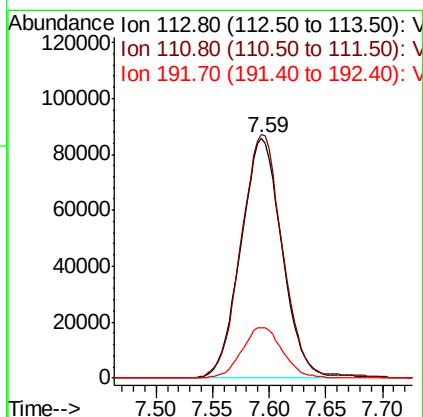
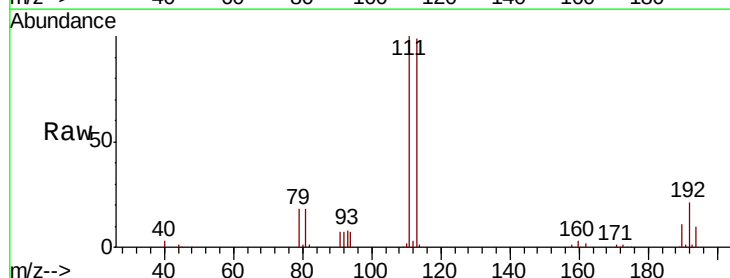
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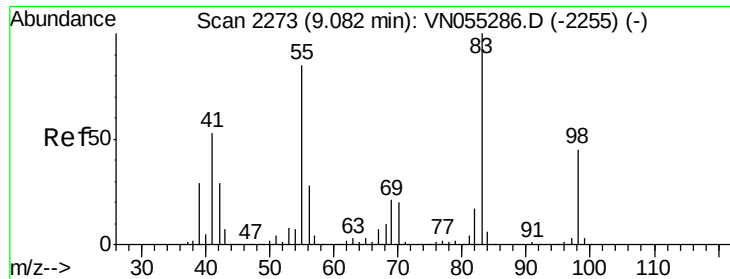
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#35
Dibromofluoromethane
Concen: 47.724 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	216889		
111	101.6	82.3	123.5	
192	20.9	17.0	25.6	





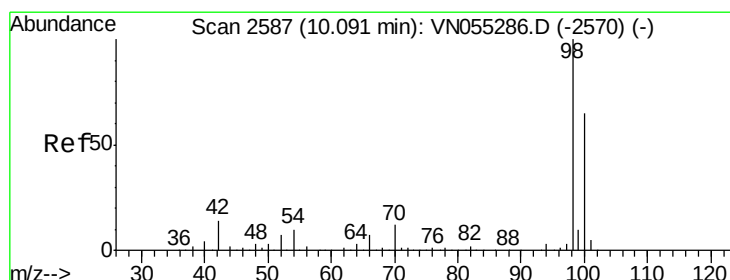
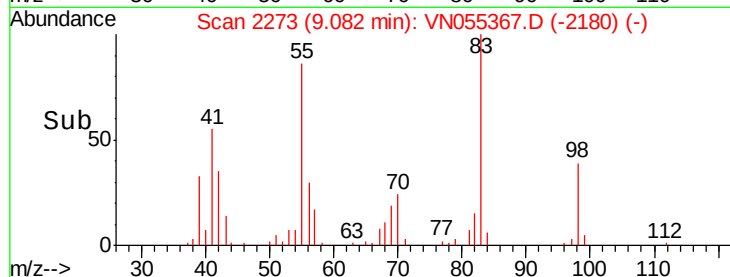
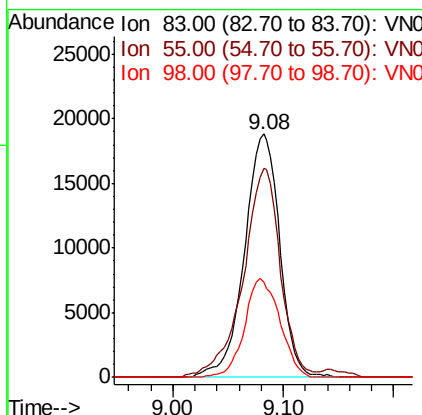
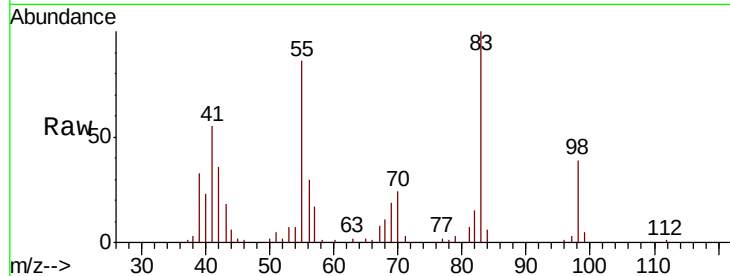
#39
Methylcyclohexane
Concen: 5.910 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E6(14-17)

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.7	67.8	101.6
98	39.0	36.2	54.4

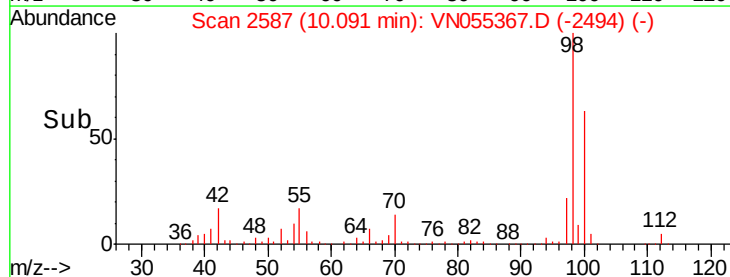
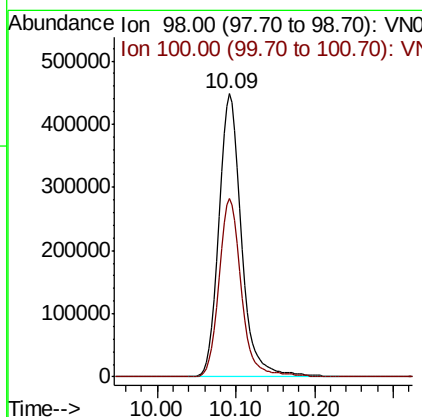
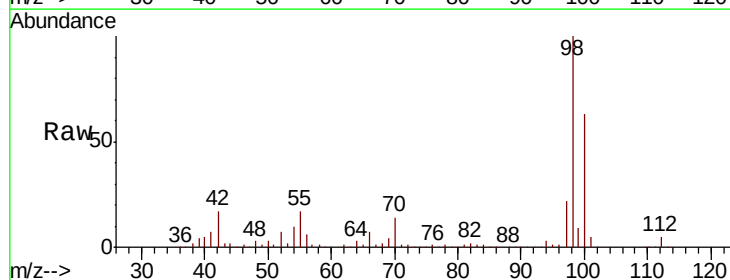
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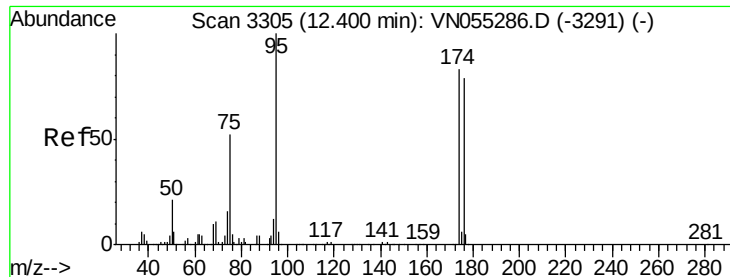
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#50
Toluene-d8
Concen: 54.083 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 82.035 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

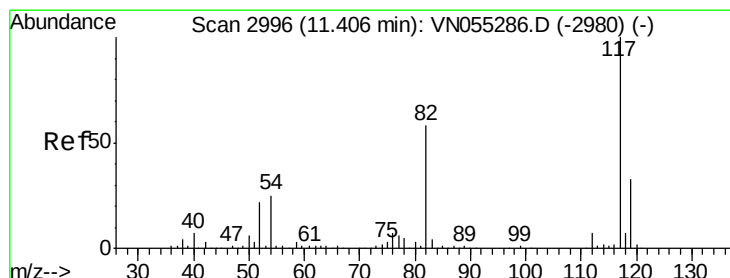
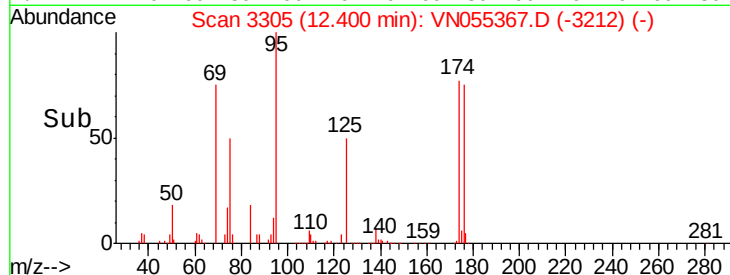
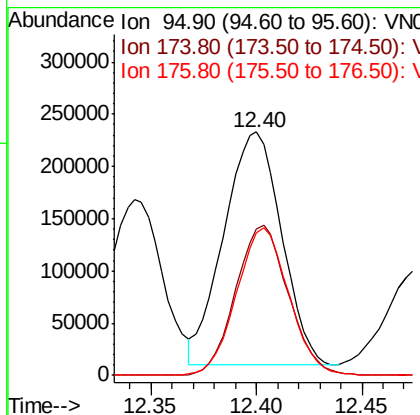
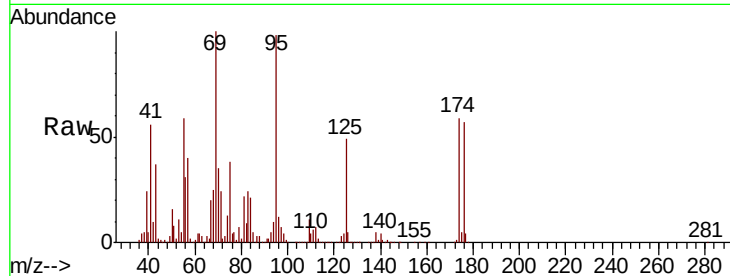
ClientSampleId :

EP1-SB-E6(14-17)

Tgt Ion:	95	Resp:	420740
Ion Ratio	Lower	Upper	
95	100		
174	59.5	0.0	166.6
176	58.0	0.0	157.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

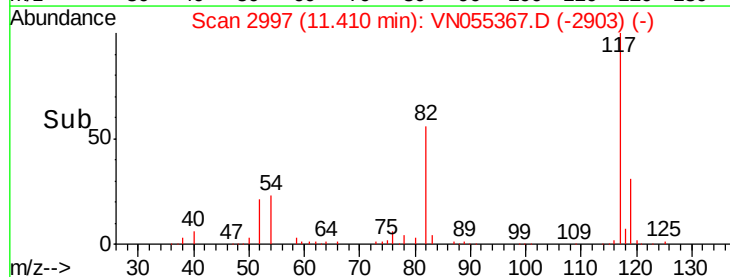
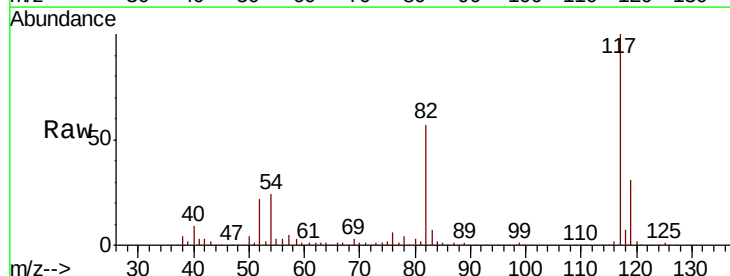
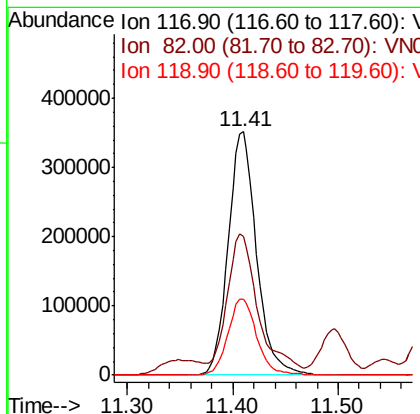
RT: 11.41 min Scan# 2997

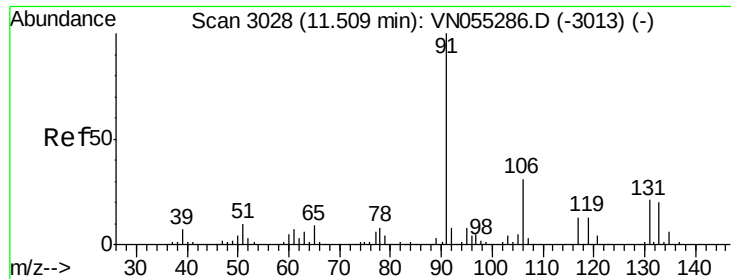
Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Tgt Ion:	117	Resp:	651143
Ion Ratio	Lower	Upper	
117	100		
82	51.0	46.2	69.4
119	31.4	26.6	40.0





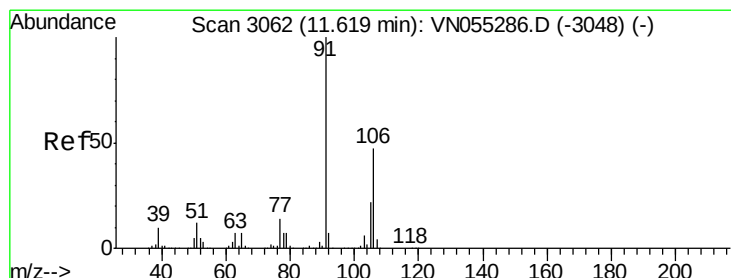
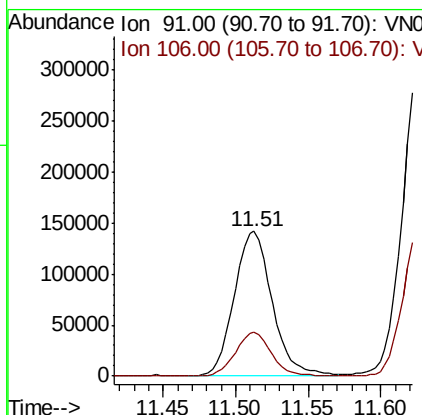
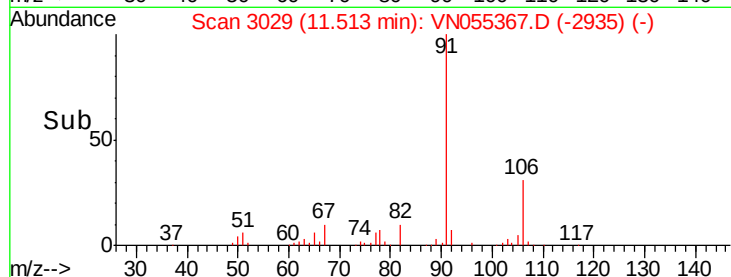
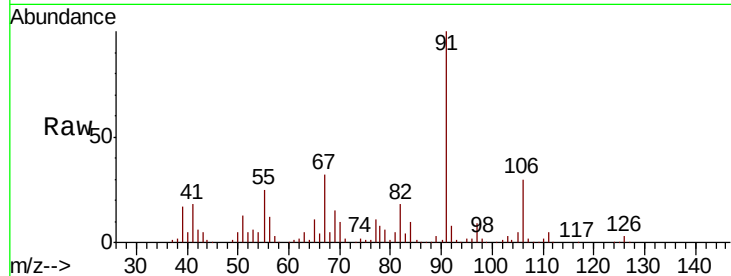
#67
Ethyl Benzene
Concen: 11.160 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)

Tgt Ion: 91 Resp: 256568
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8

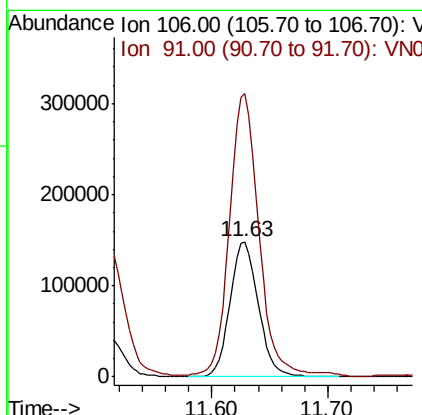
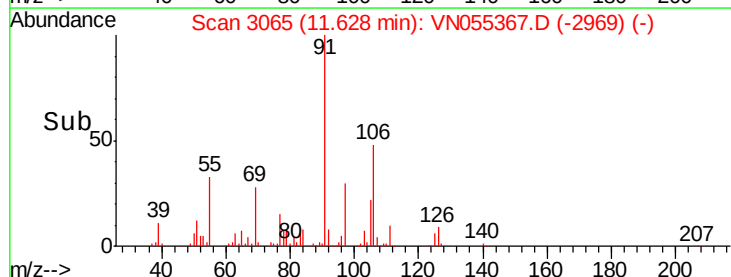
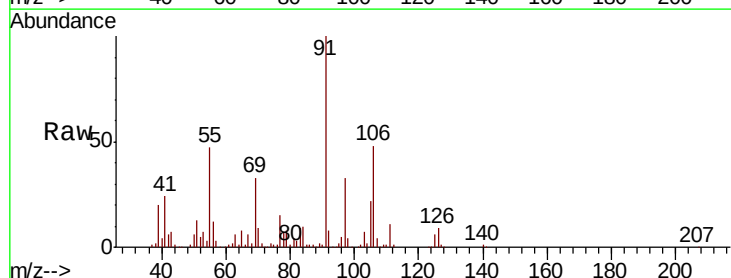
Manual Integrations
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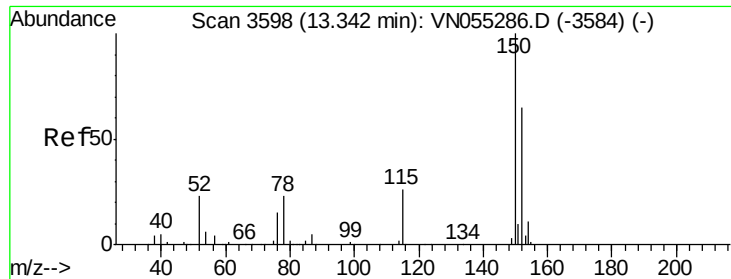
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#68
m/p-Xylenes
Concen: 30.484 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion: 106 Resp: 250144
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3





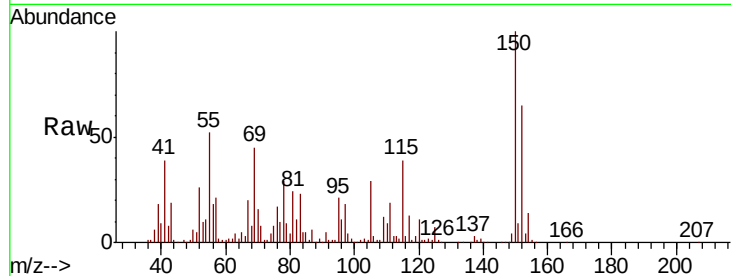
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.2	29.0	87.0
150	136.8	0.0	345.6

Manual Integrations
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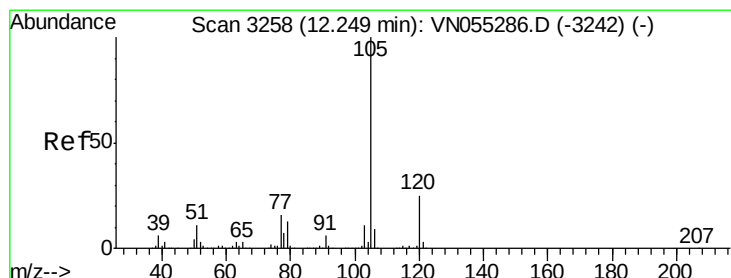
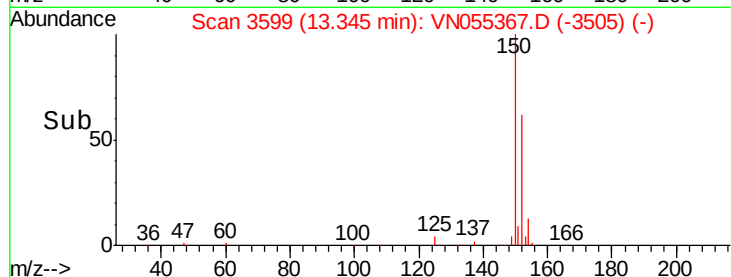
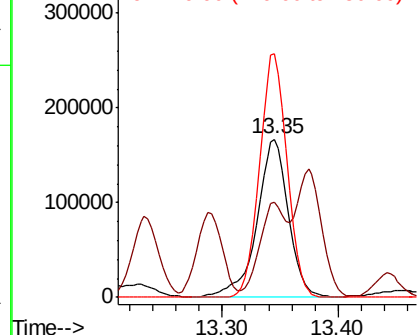


Abundance

Ion 151.90 (151.60 to 152.60): V

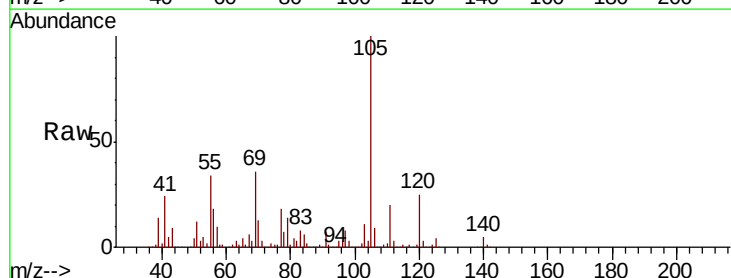
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 57.681 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

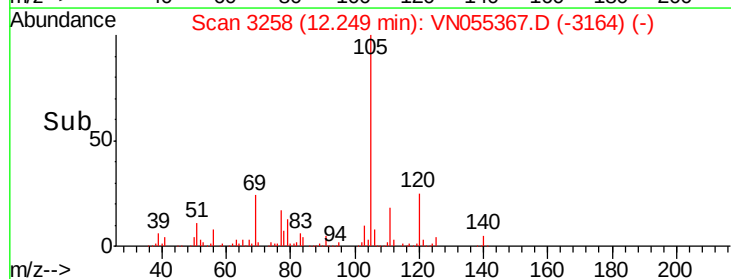
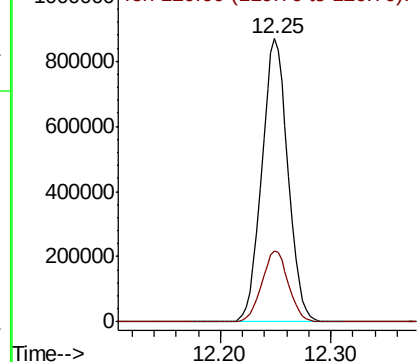
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.7

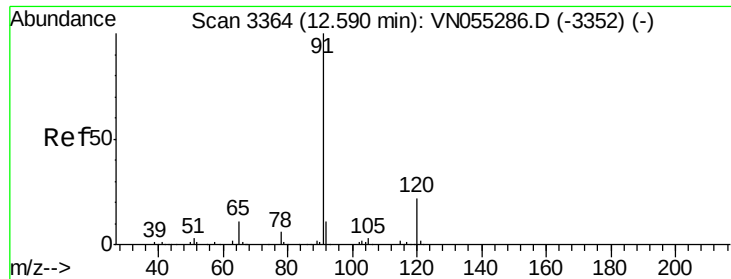


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





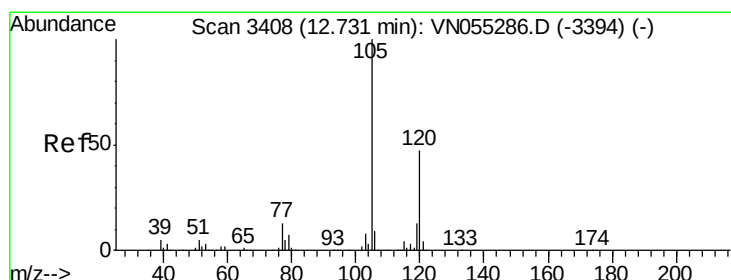
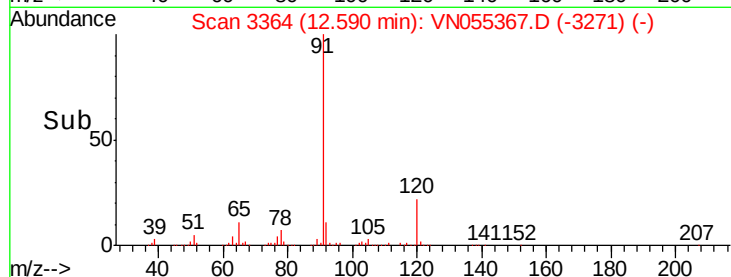
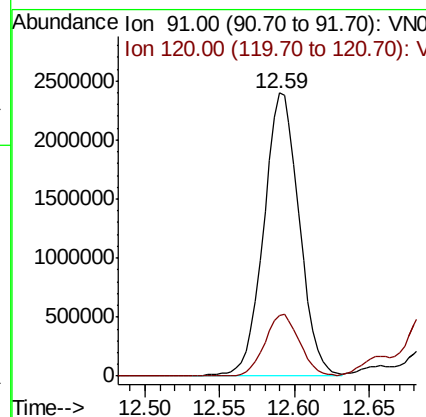
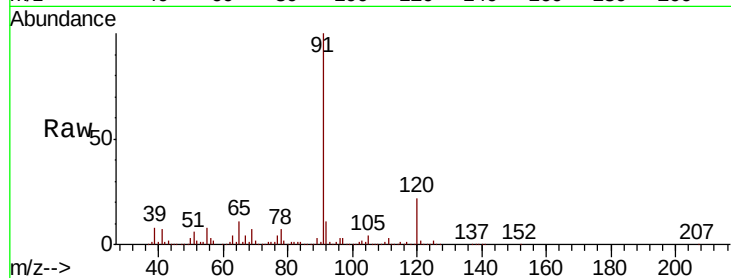
#78
n-propylbenzene
Concen: 122.195 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E6(14-17)

Tgt Ion: 91 Resp: 3919000
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0

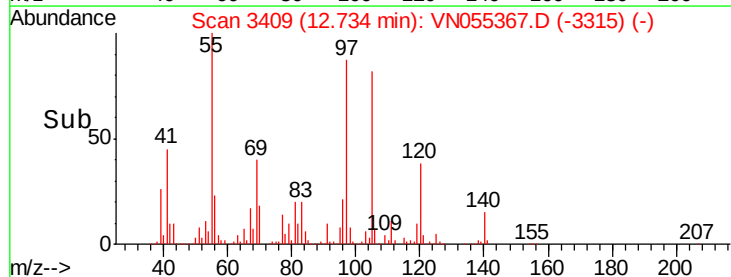
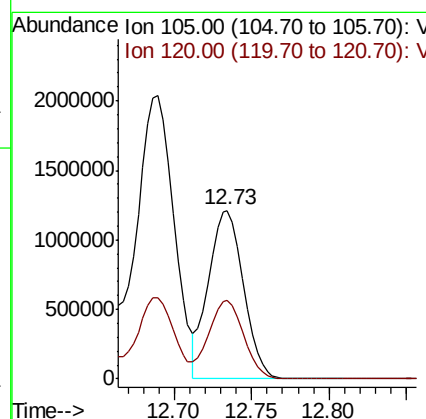
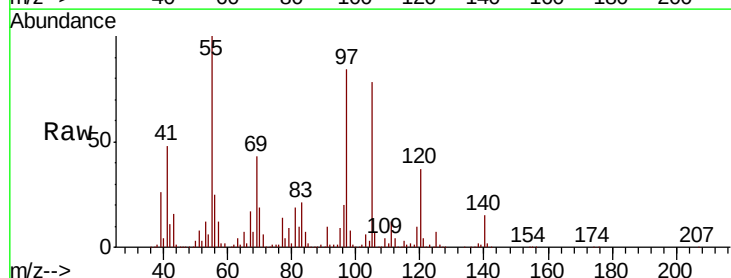
Manual Integrations
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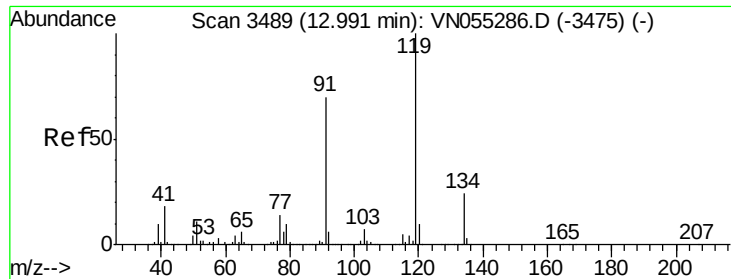
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#80
1,3,5-Trimethylbenzene
Concen: 78.014 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN055367.D
Acq: 2 May 2019 23:27

Tgt Ion: 105 Resp: 1909575
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.0





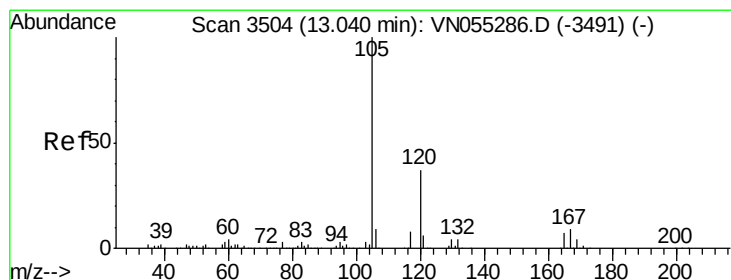
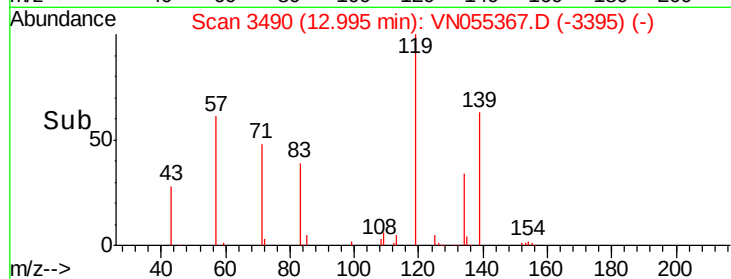
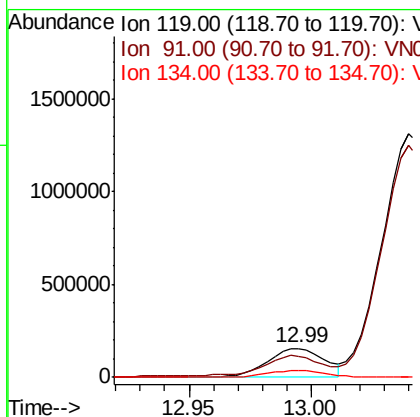
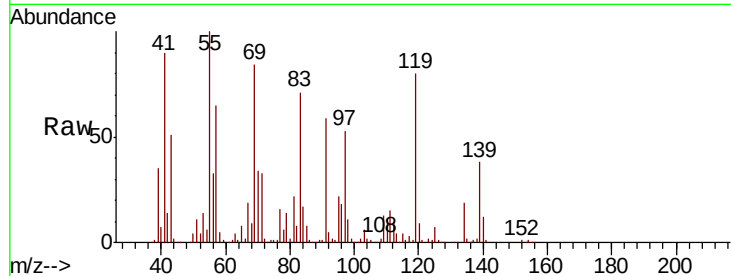
#83
 tert-Butylbenzene
 Concen: 12.335 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E6(14-17)

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	251695		
91	75.7	34.3	102.9	
134	24.0	13.1	39.3	

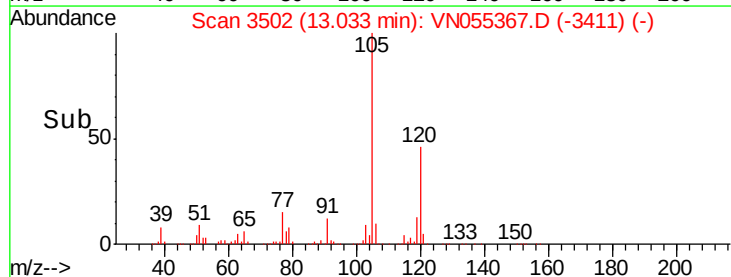
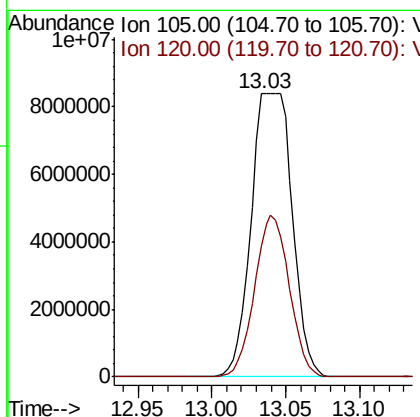
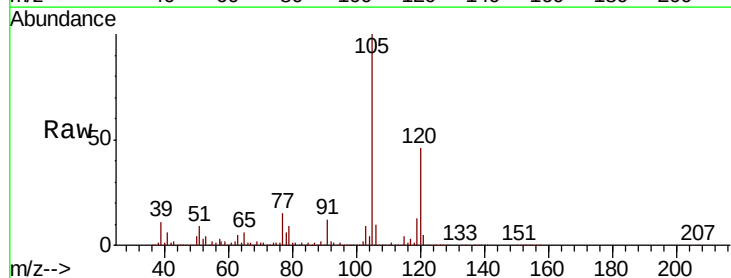
Manual Integrations
 APPROVED

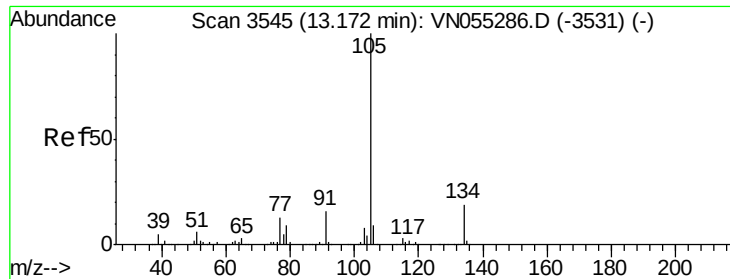
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#84
 1,2,4-Trimethylbenzene
 Concen: 739.097 ug/l m
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.01 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16179702		
120	0.0	22.1	66.5	#





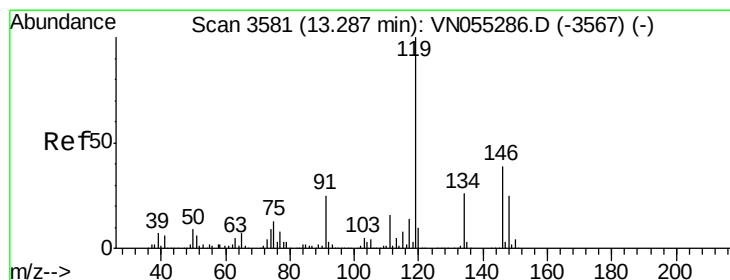
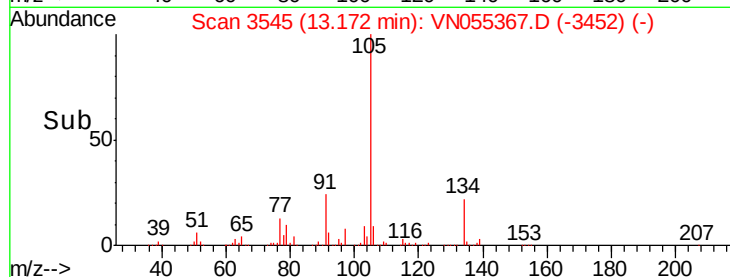
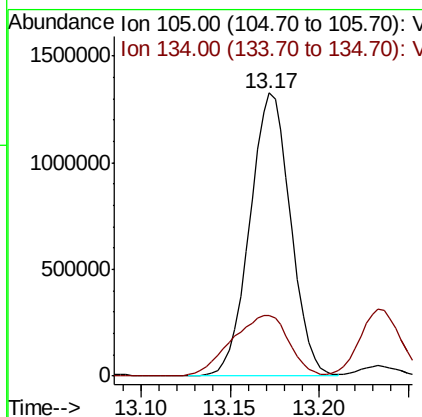
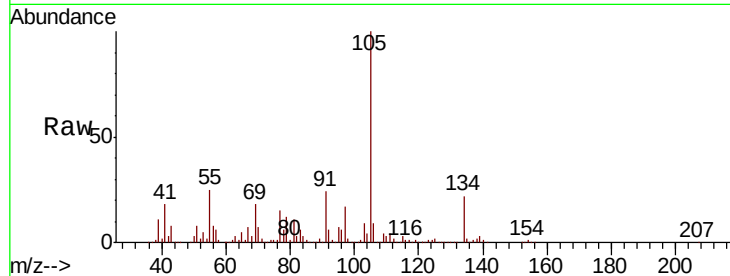
#85
 sec-Butylbenzene
 Concen: 79.276 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-SB-E6(14-17)

Tgt Ion:105 Resp: 2109093
 Ion Ratio Lower Upper
 105 100
 134 30.3 9.6 28.8#

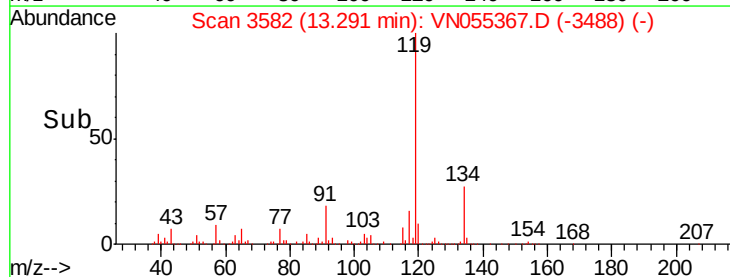
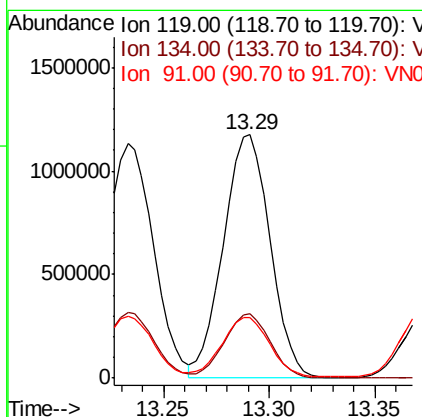
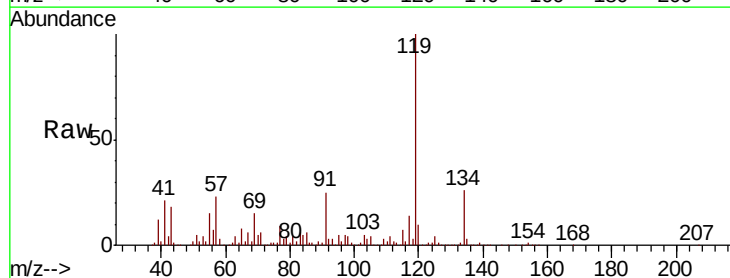
Manual Integrations
 APPROVED

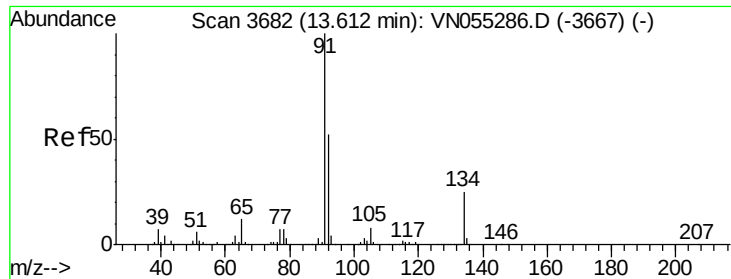
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#86
 p-Isopropyltoluene
 Concen: 82.772 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055367.D
 Acq: 2 May 2019 23:27

Tgt Ion:119 Resp: 1809942
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.7 12.2 36.6





#89

n-Butylbenzene

Concen: 137.271 ug/l m

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E6(14-17)

Tgt Ion: 91 Resp: 2132928

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.3

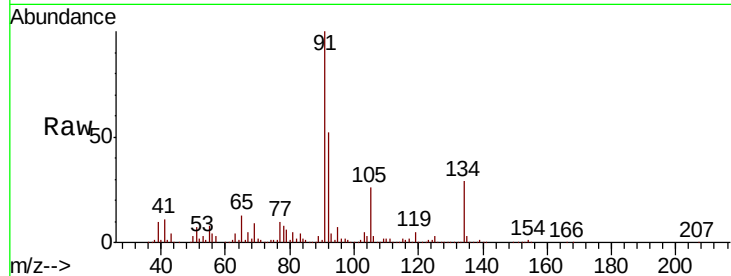
134 0.0 12.4 37.4#

Manual Integrations

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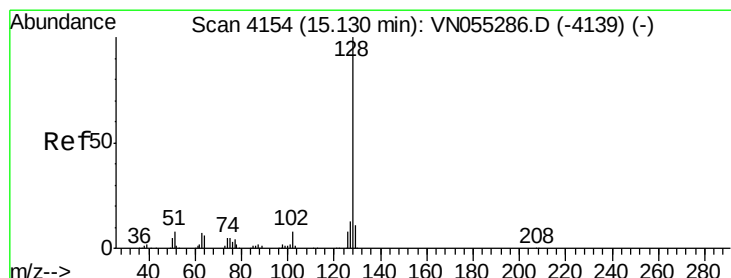
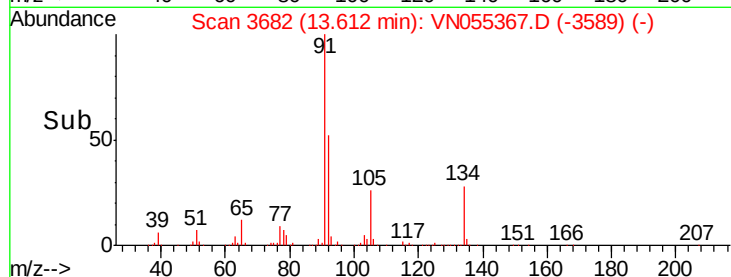


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->



#95

Naphthalene

Concen: 14.765 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055367.D

Acq: 2 May 2019 23:27

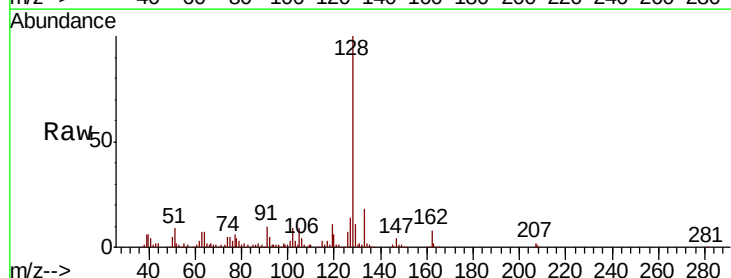
Tgt Ion: 128 Resp: 106333

Ion Ratio Lower Upper

128 100

127 14.3 10.7 16.1

129 9.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN055286.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN055286.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN055286.D (-4139) (-)

Time-->

