

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055369.D
 Acq On : 3 May 2019 00:17
 Operator : JC/SP
 Sample : K2658-05 10X
 Misc : 5.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E7(14-17)

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:08:16 PM

Quant Time: May 03 06:25:37 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	425970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	724599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	279429	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	225129	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	903788	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	356763	66.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.94%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	13775	1.867	ug/l	85
67) Ethyl Benzene	11.51	91	30617	1.317	ug/l	100
73) Isopropylbenzene	12.25	105	394358	15.983	ug/l	100
78) n-propylbenzene	12.59	91	1208195	43.037	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1641717	76.624	ug/l	100
83) tert-Butylbenzene	12.99	119	99691	3.889	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	6621062	345.532	ug/l	100
85) sec-Butylbenzene	13.17	105	776946	33.363	ug/l #	75
86) p-Isopropyltoluene	13.29	119	669686	34.988	ug/l	99
89) n-Butylbenzene	13.61	91	823910m	60.578	ug/l	
95) Naphthalene	15.13	128	49538	9.415	ug/l	98

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

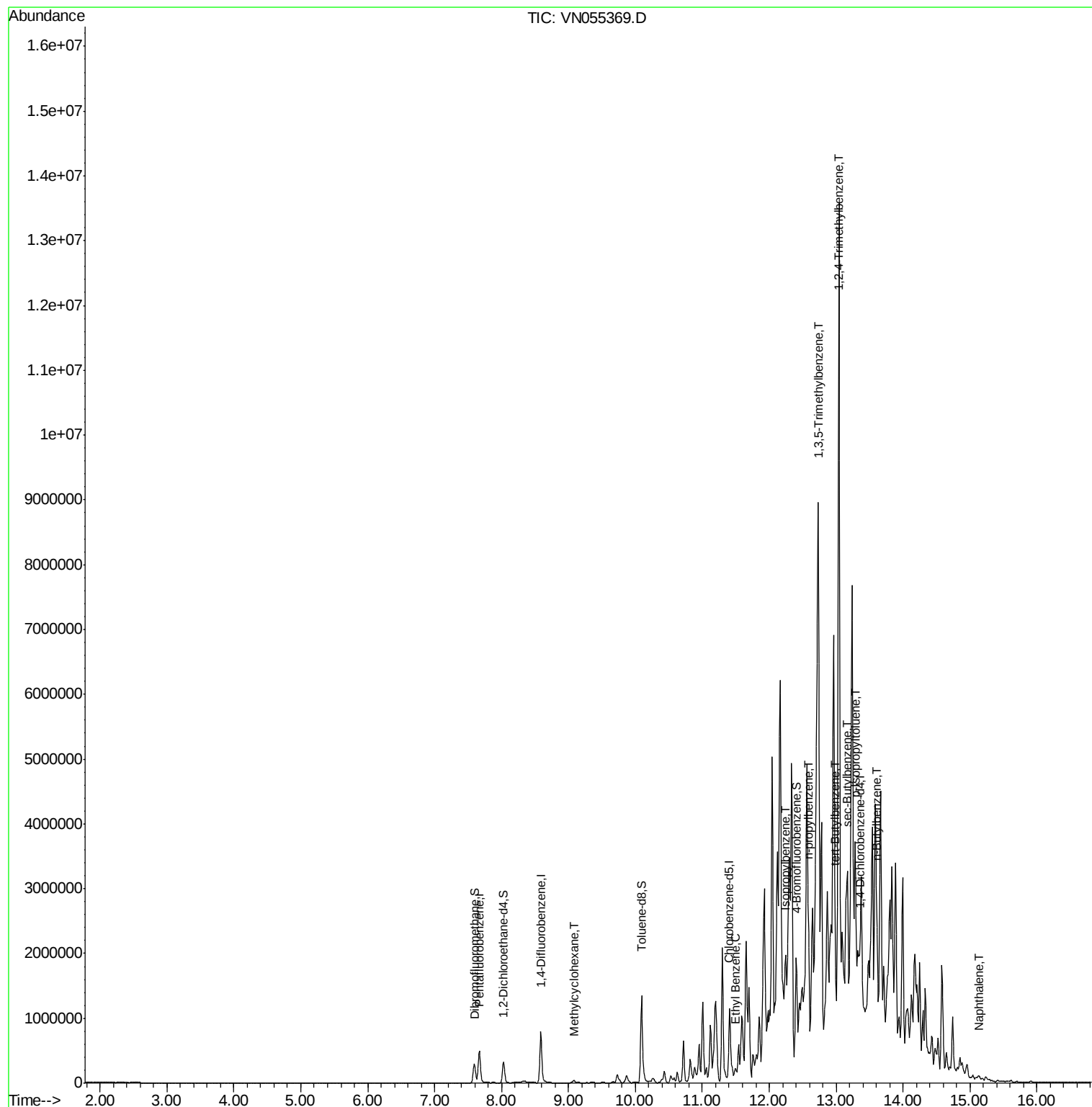
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055369.D
Acq On : 3 May 2019 00:17
Operator : JC/SP
Sample : K2658-05 10X
Misc : 5.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 38 Sample Multiplier: 1

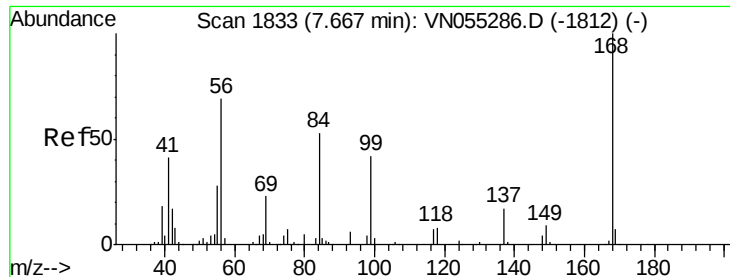
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

Manual Integrations
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Quant Time: May 03 06:25:37 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: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

Tgt Ion:168 Resp: 425970

Ion Ratio Lower Upper

168 100

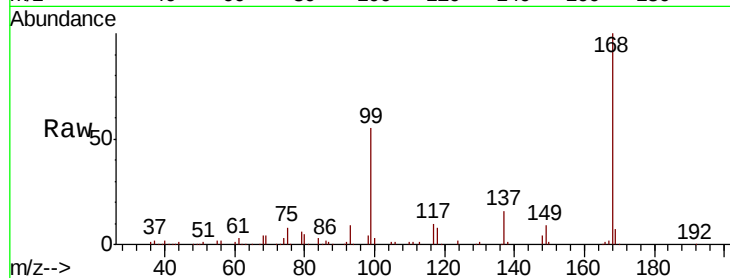
99 54.7 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

150000

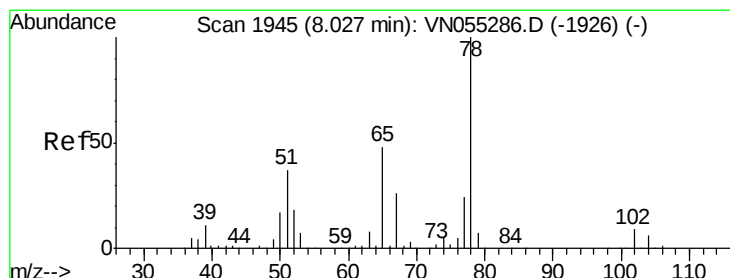
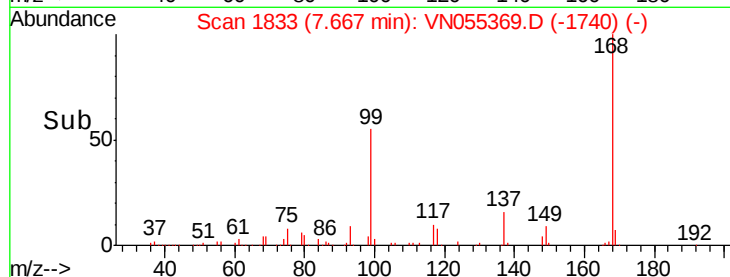
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.143 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055369.D

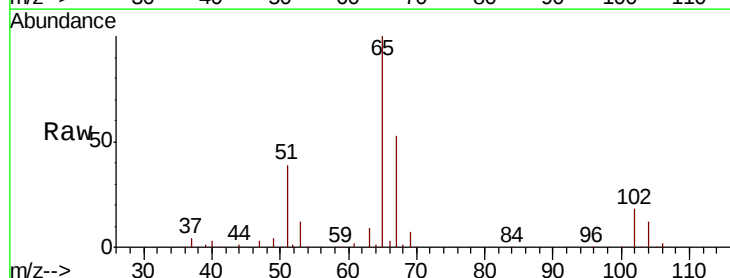
Acq: 3 May 2019 00:17

Tgt Ion: 65 Resp: 279429

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

8.03

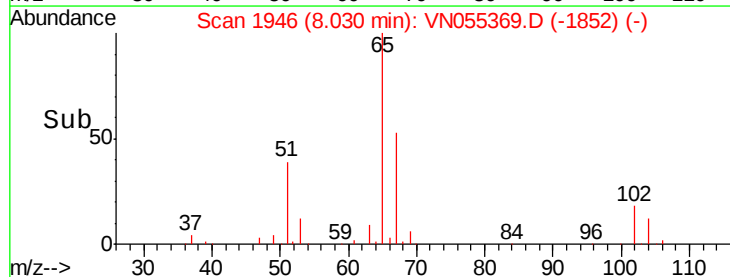
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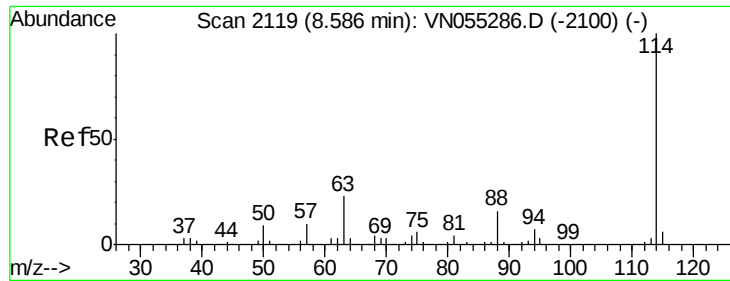
50000

0

8.00 8.10

Time-->





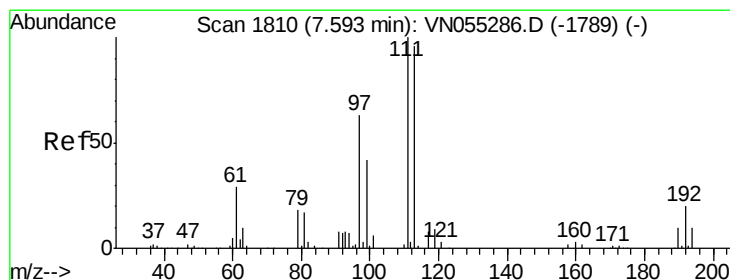
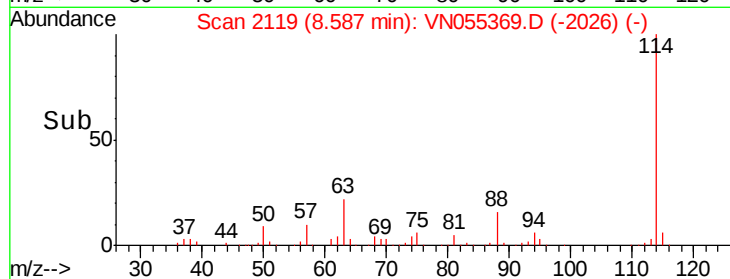
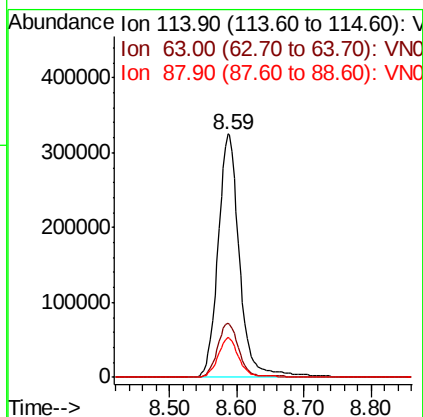
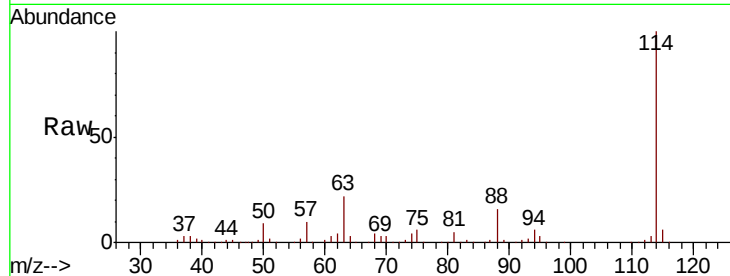
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	724599		
63	22.4	0.0	45.2	
88	16.3	0.0	31.6	

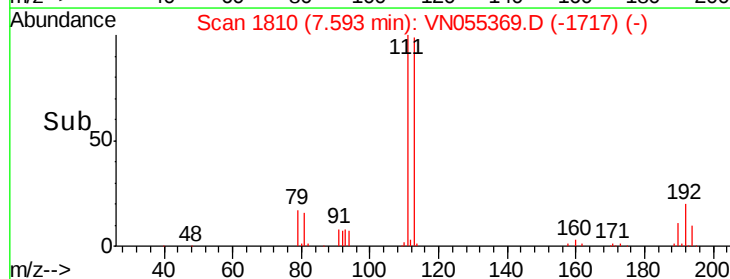
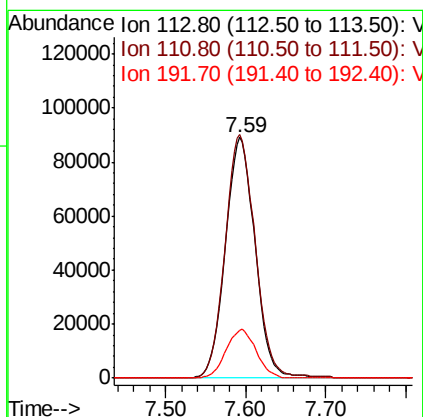
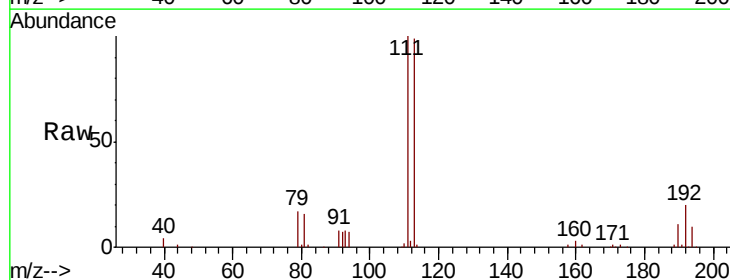
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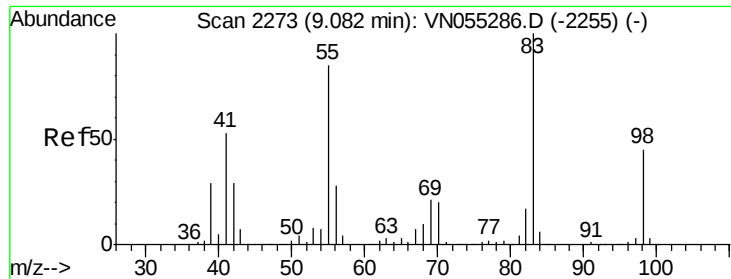
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#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	225129		
111	101.7	82.3	123.5	
192	20.5	17.0	25.6	





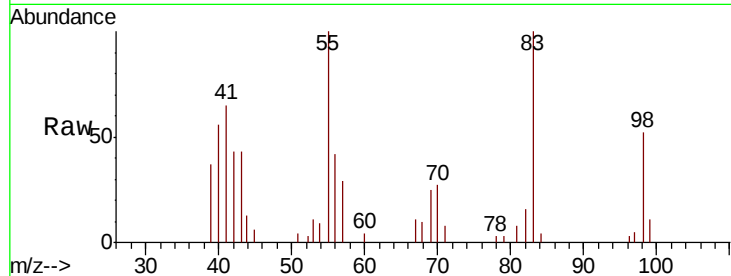
#39
Methylcyclohexane
Concen: 1.867 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

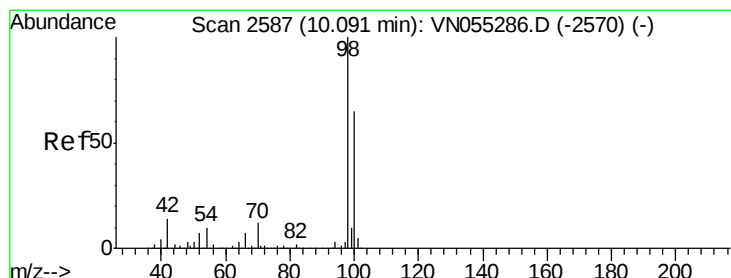
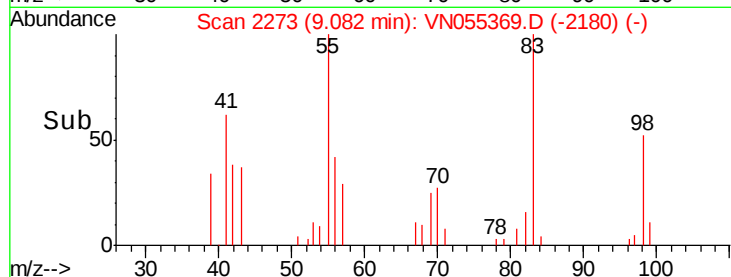
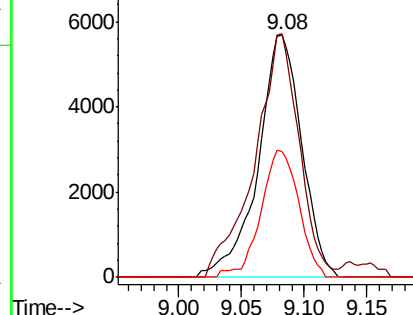
Tgt Ion	Ratio	Lower	Upper
83	100		
55	100.4	67.8	101.6
98	52.2	36.2	54.4

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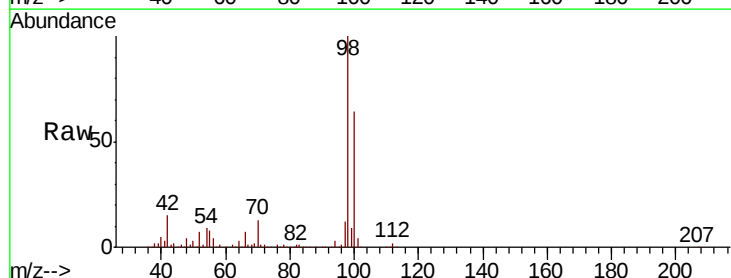


Abundance Ion 83.00 (82.70 to 83.70): VN055369.D (-2180) (-)
Ion 55.00 (54.70 to 55.70): VN055369.D (-2180) (-)
Ion 98.00 (97.70 to 98.70): VN055369.D (-2180) (-)

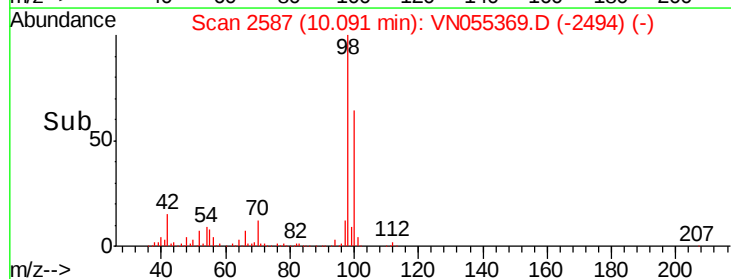
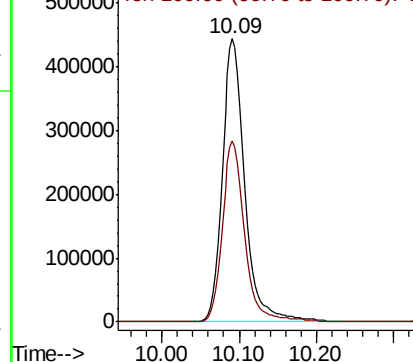


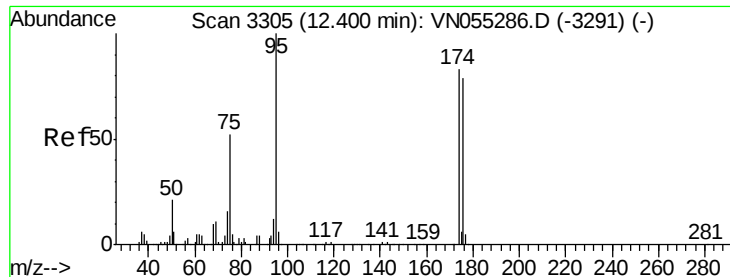
#50
Toluene-d8
Concen: 52.627 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055369.D (-2494) (-)
Ion 100.00 (99.70 to 100.70): VN055369.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 66.469 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

Tgt Ion: 95 Resp: 356763

Ion Ratio Lower Upper

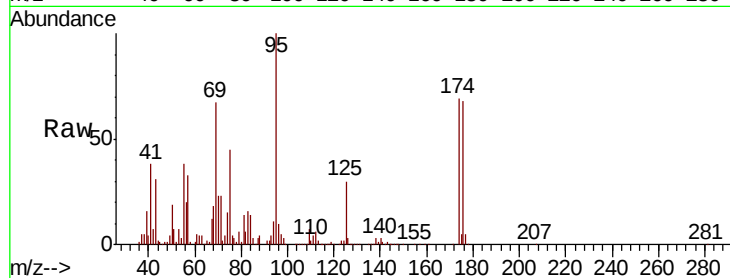
95 100

174 70.4 0.0 166.6

176 68.9 0.0 157.8

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Abundance Ion 94.90 (94.60 to 95.60): VN055369.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055369.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055369.D (-2903) (-)

12.40

250000

200000

150000

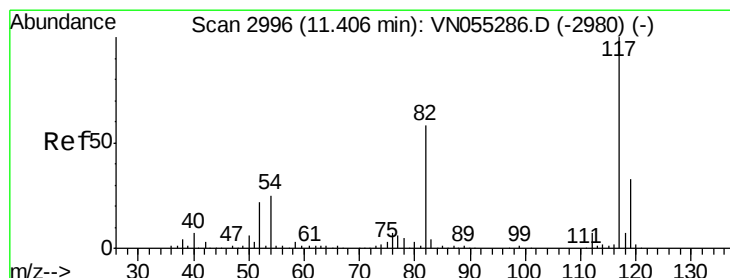
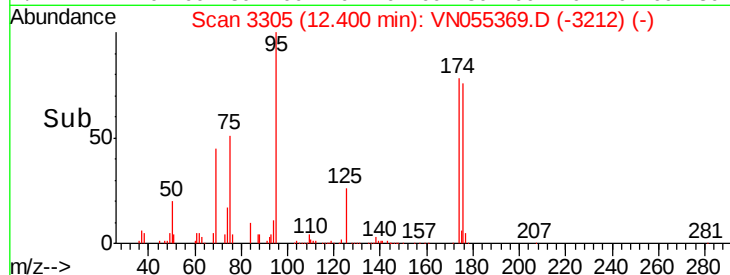
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

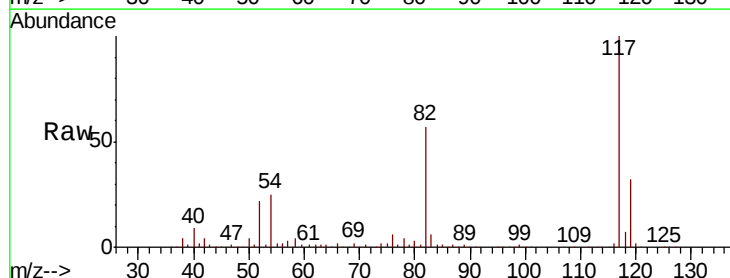
Tgt Ion: 117 Resp: 658218

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 31.9 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055369.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055369.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055369.D (-2903) (-)

11.41

400000

300000

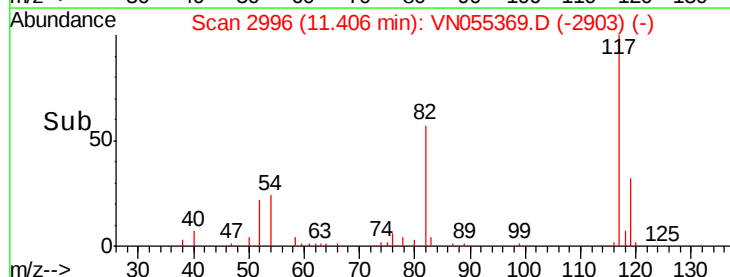
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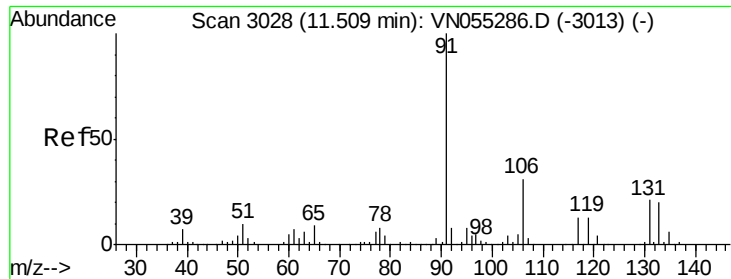
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0

11.30 11.40 11.50

Time-->





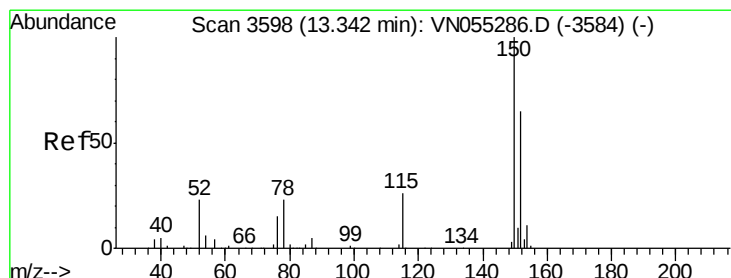
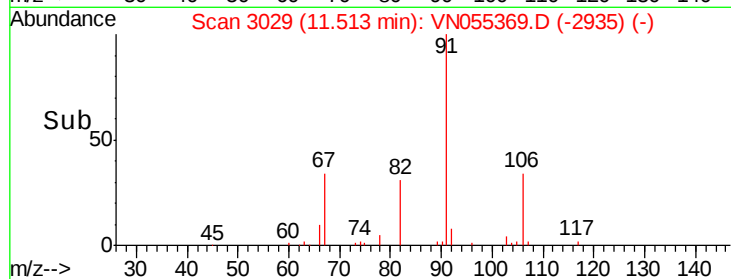
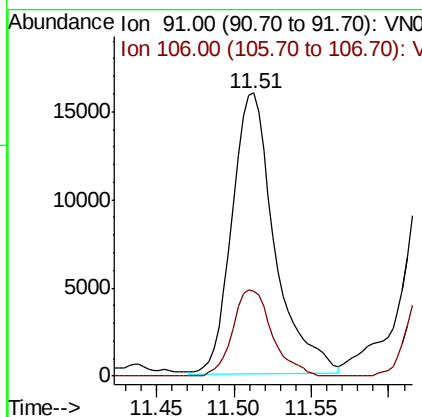
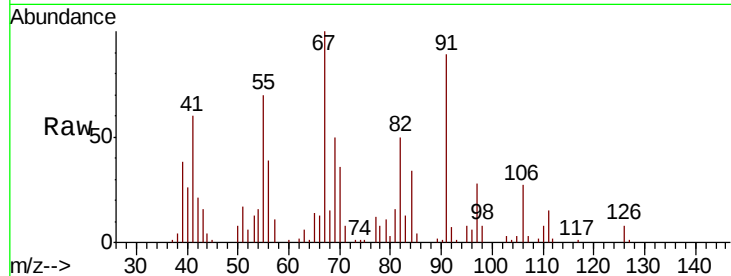
#67
Ethyl Benzene
Concen: 1.317 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E7(14-17)

Tgt Ion: 91 Resp: 30617
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

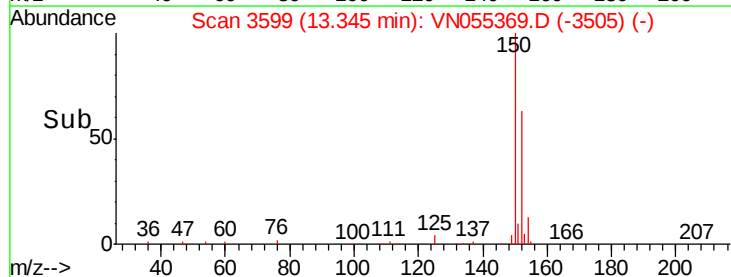
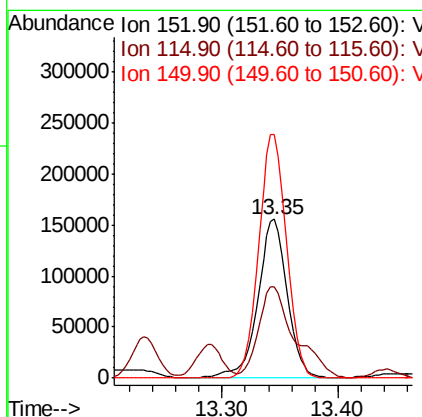
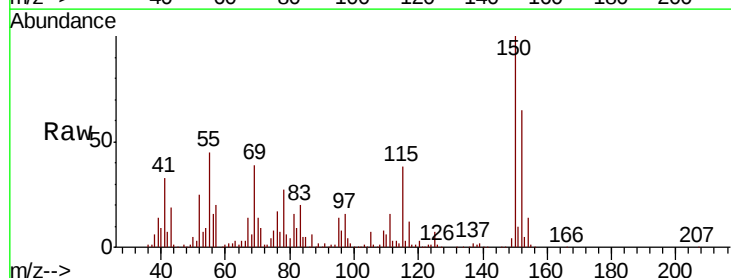
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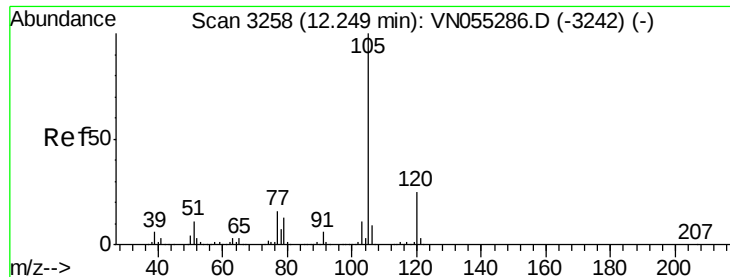
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion: 152 Resp: 273297
Ion Ratio Lower Upper
152 100
115 70.1 29.0 87.0
150 145.9 0.0 345.6





#73

Isopropylbenzene

Concen: 15.983 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

Tgt Ion: 105 Resp: 394358

Ion Ratio Lower Upper

105 100

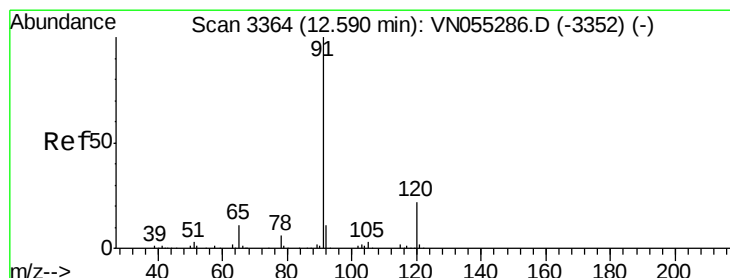
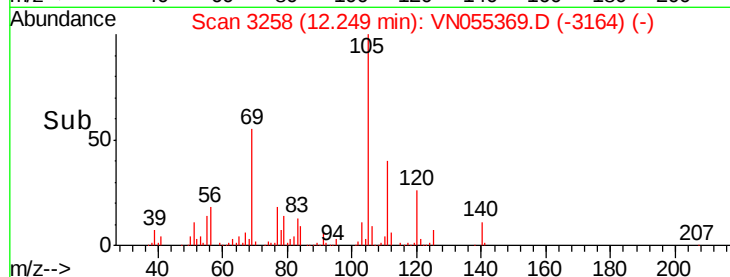
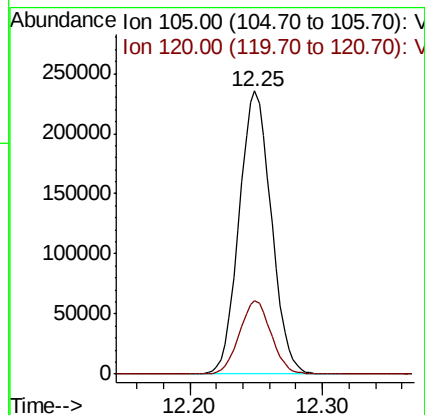
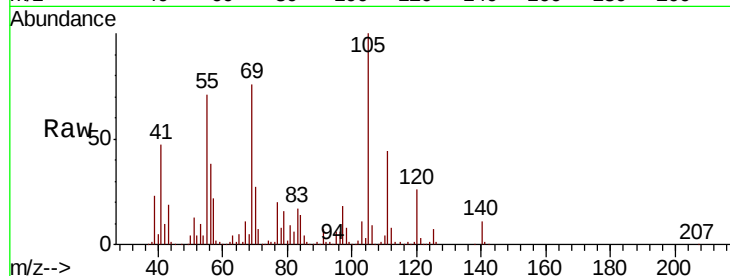
120 25.6 12.9 38.7

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#78

n-propylbenzene

Concen: 43.037 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055369.D

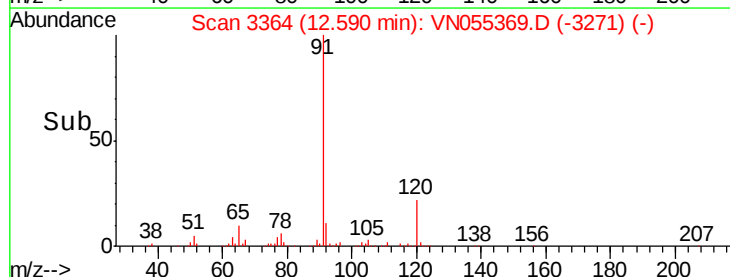
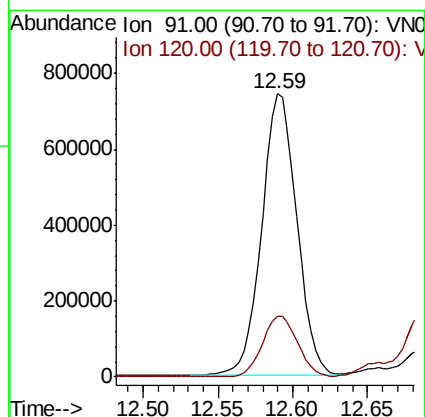
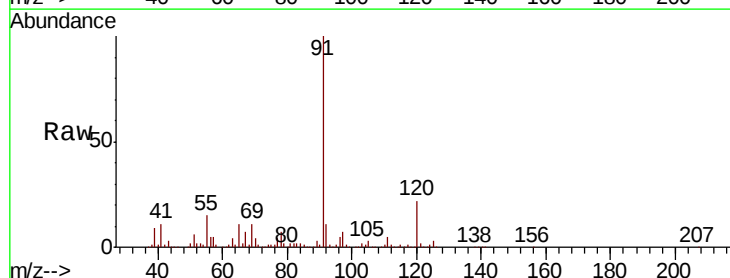
Acq: 3 May 2019 00:17

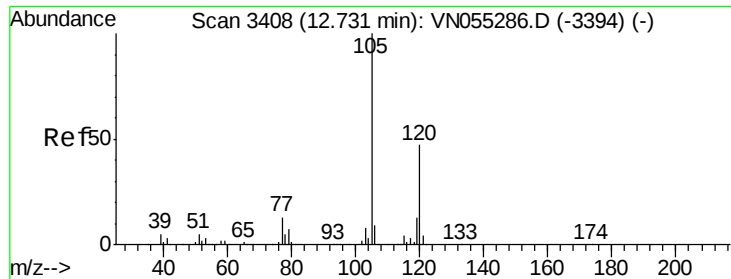
Tgt Ion: 91 Resp: 1208195

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 76.624 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E7(14-17)

Tgt Ion:105 Resp: 1641717

Ion Ratio Lower Upper

105 100

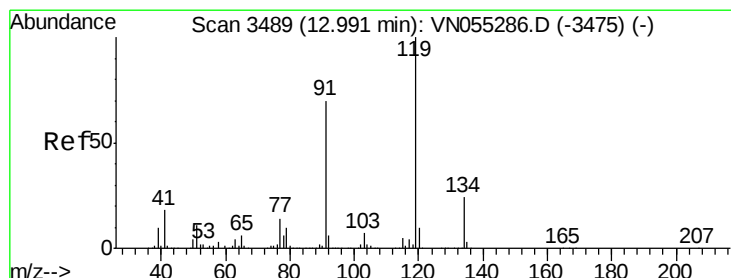
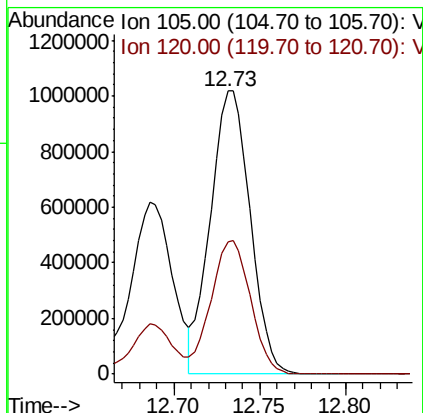
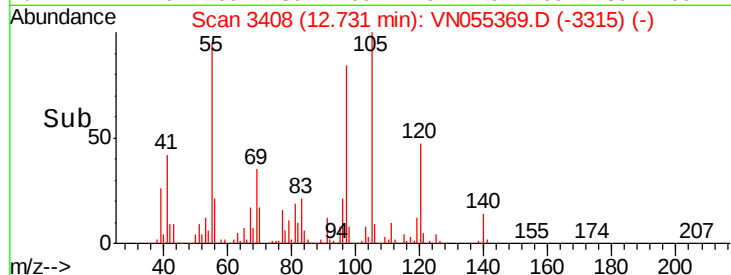
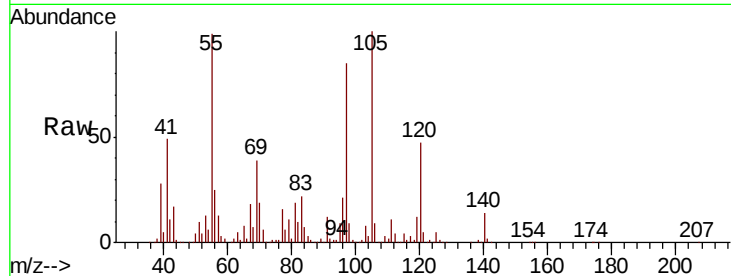
120 46.8 23.4 70.0

Manual Integrations

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#83

tert-Butylbenzene

Concen: 3.889 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055369.D

Acq: 3 May 2019 00:17

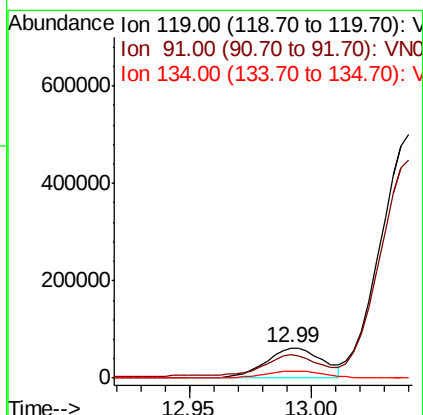
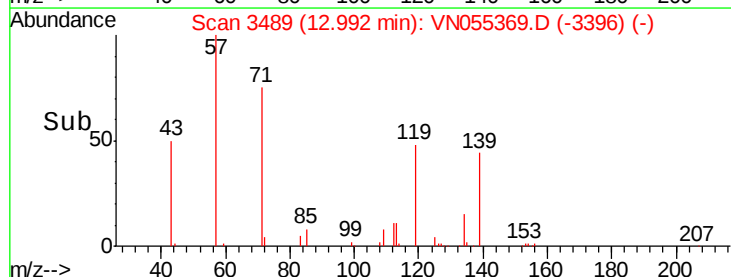
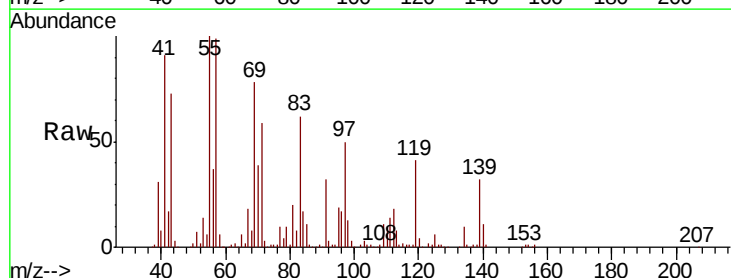
Tgt Ion:119 Resp: 99691

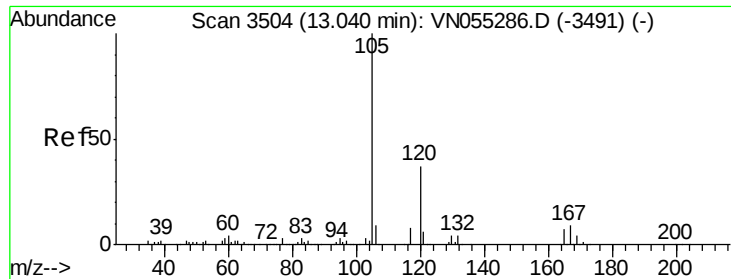
Ion Ratio Lower Upper

119 100

91 72.3 34.3 102.9

134 24.5 13.1 39.3





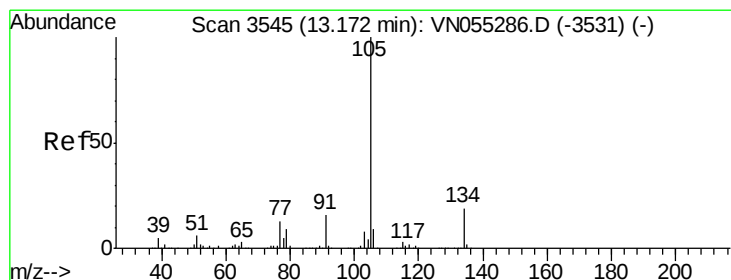
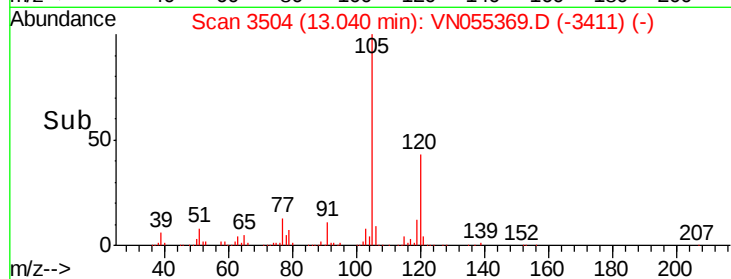
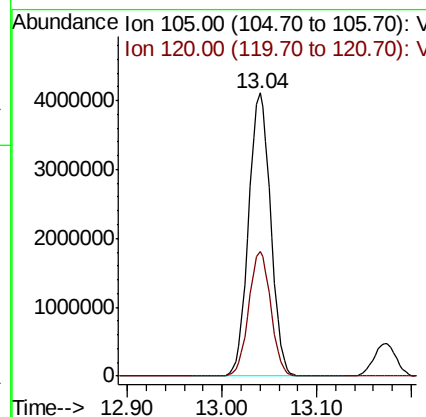
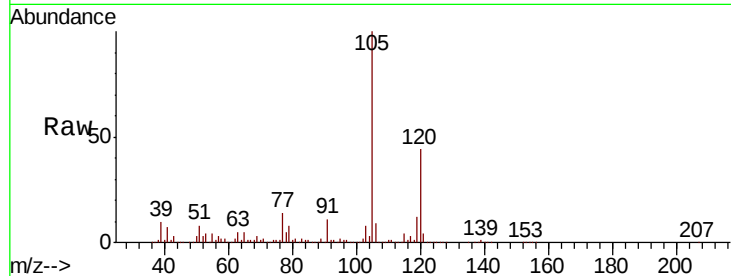
#84
1,2,4-Trimethylbenzene
Concen: 345.532 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

Tgt Ion:105 Resp: 6621062
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5

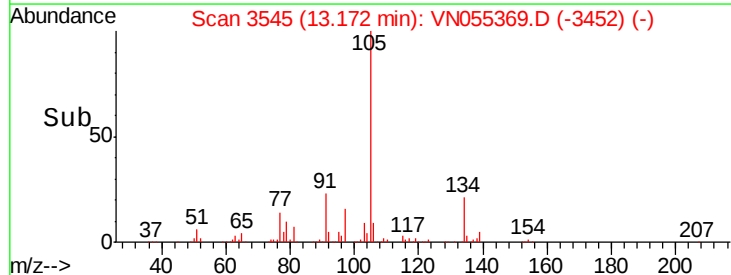
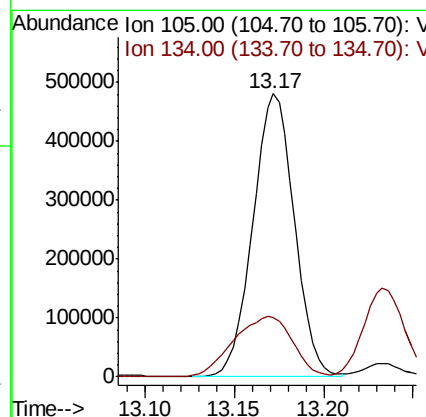
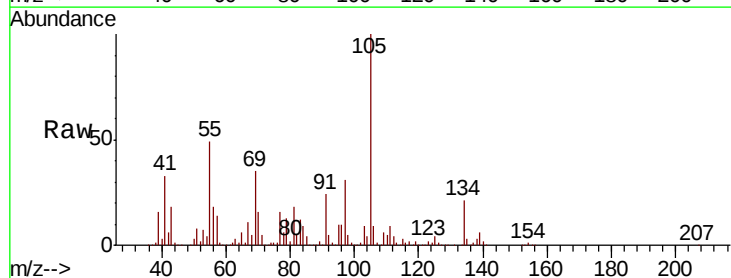
Manual Integrations
APPROVED

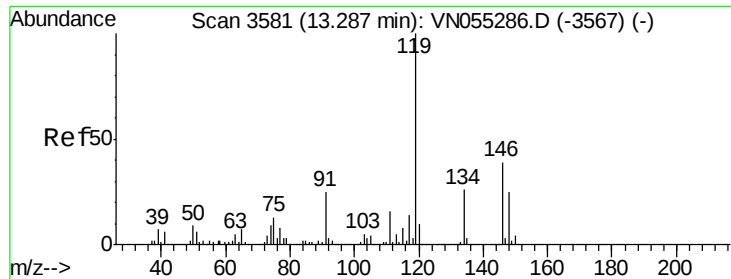
MMDadoda
5/3/2019 1:08:16 PM



#85
sec-Butylbenzene
Concen: 33.363 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion:105 Resp: 776946
Ion Ratio Lower Upper
105 100
134 30.5 9.6 28.8#





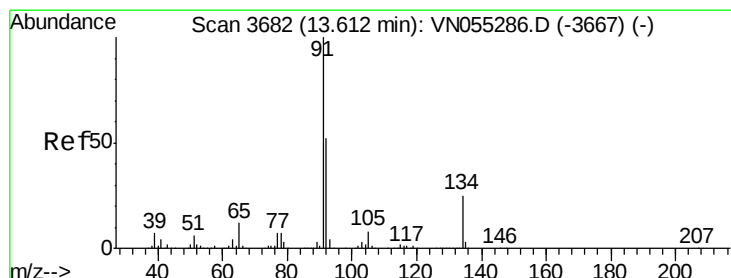
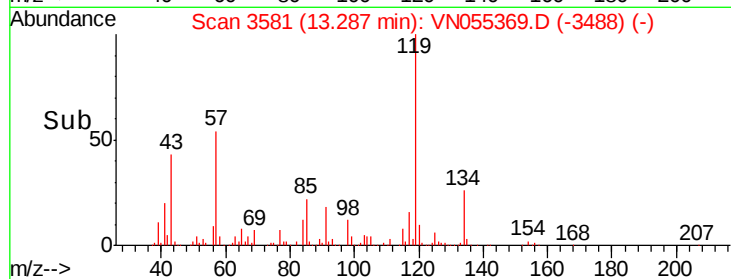
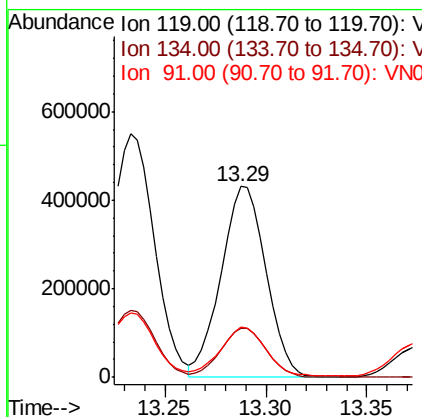
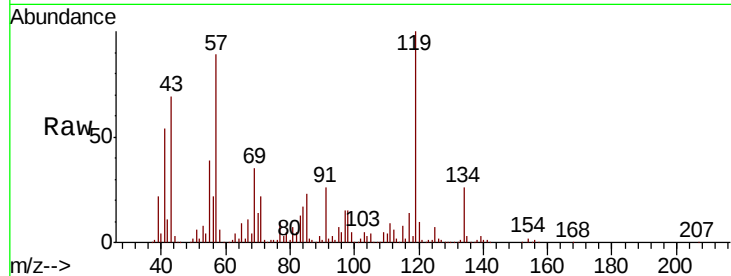
#86
p-Isopropyltoluene
Concen: 34.988 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampled :
EP1-SB-E7(14-17)

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	669686		
134	26.1	13.0	38.9	
91	25.2	12.2	36.6	

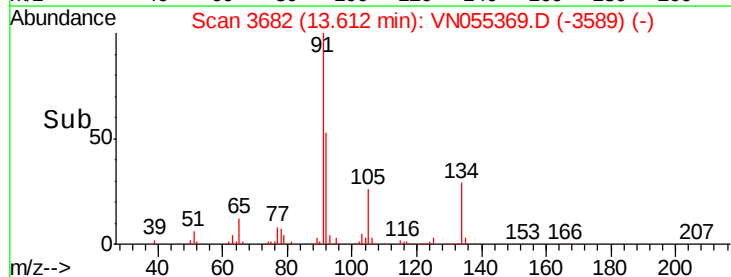
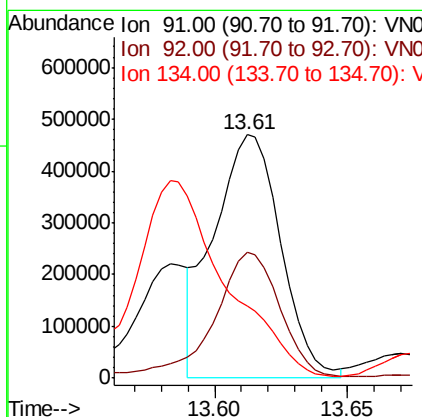
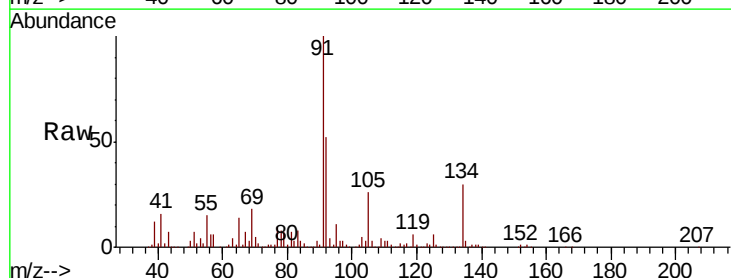
Manual Integrations
APPROVED

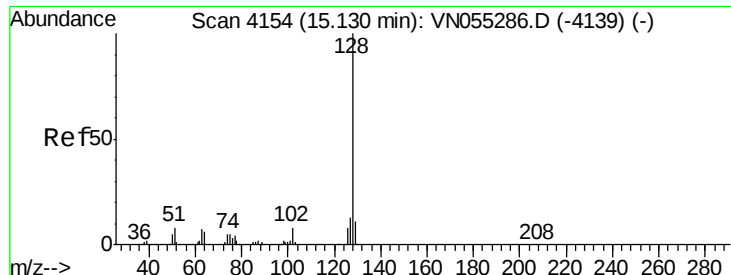
MMDadoda
5/3/2019 1:08:16 PM



#89
n-Butylbenzene
Concen: 60.578 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	823910		
92	49.2	26.1	78.3	
134	0.0	12.4	37.4#	





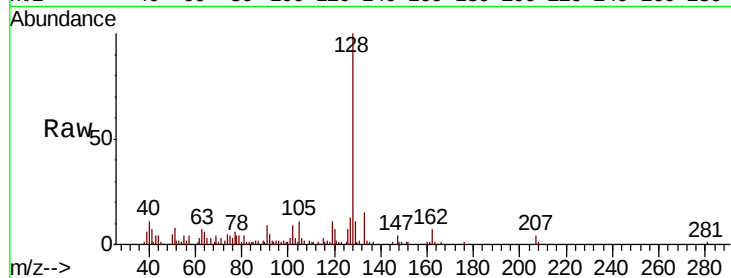
#95
Naphthalene
Concen: 9.415 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055369.D
Acq: 3 May 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E7(14-17)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.7	16.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/3/2019 1:08:16 PM



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

