

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054316.D
 Acq On : 15 Mar 2019 18:15
 Operator : JC/SP
 Sample : K1899-01DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ADL

Manual Integrations
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 3/16/2019 11:09:17 AM

Quant Time: Mar 16 04:16:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1337330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2266175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2386927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1188493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	719272	50.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.28%	
35) Dibromofluoromethane	7.59	113	688745	47.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.24%	
50) Toluene-d8	10.09	98	2804269	51.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	1129286	59.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22599	5.557	ug/l	100
40) Benzene	8.04	78	979392	16.400	ug/l	100
52) Toluene	10.16	92	826288	21.821	ug/l	100
67) Ethyl Benzene	11.51	91	786939	9.058	ug/l	99
68) m/p-Xylenes	11.62	106	613178	18.058	ug/l	98
69) o-Xylene	11.95	106	348069	10.515	ug/l	100
73) Isopropylbenzene	12.25	105	79397	0.835	ug/l	97
78) n-propylbenzene	12.59	91	41110	0.398	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	177932	2.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	646628	8.334	ug/l	100
86) p-Isopropyltoluene	13.29	119	159679	1.928	ug/l	97
95) Naphthalene	15.12	128	18413180m	332.191	ug/l	

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

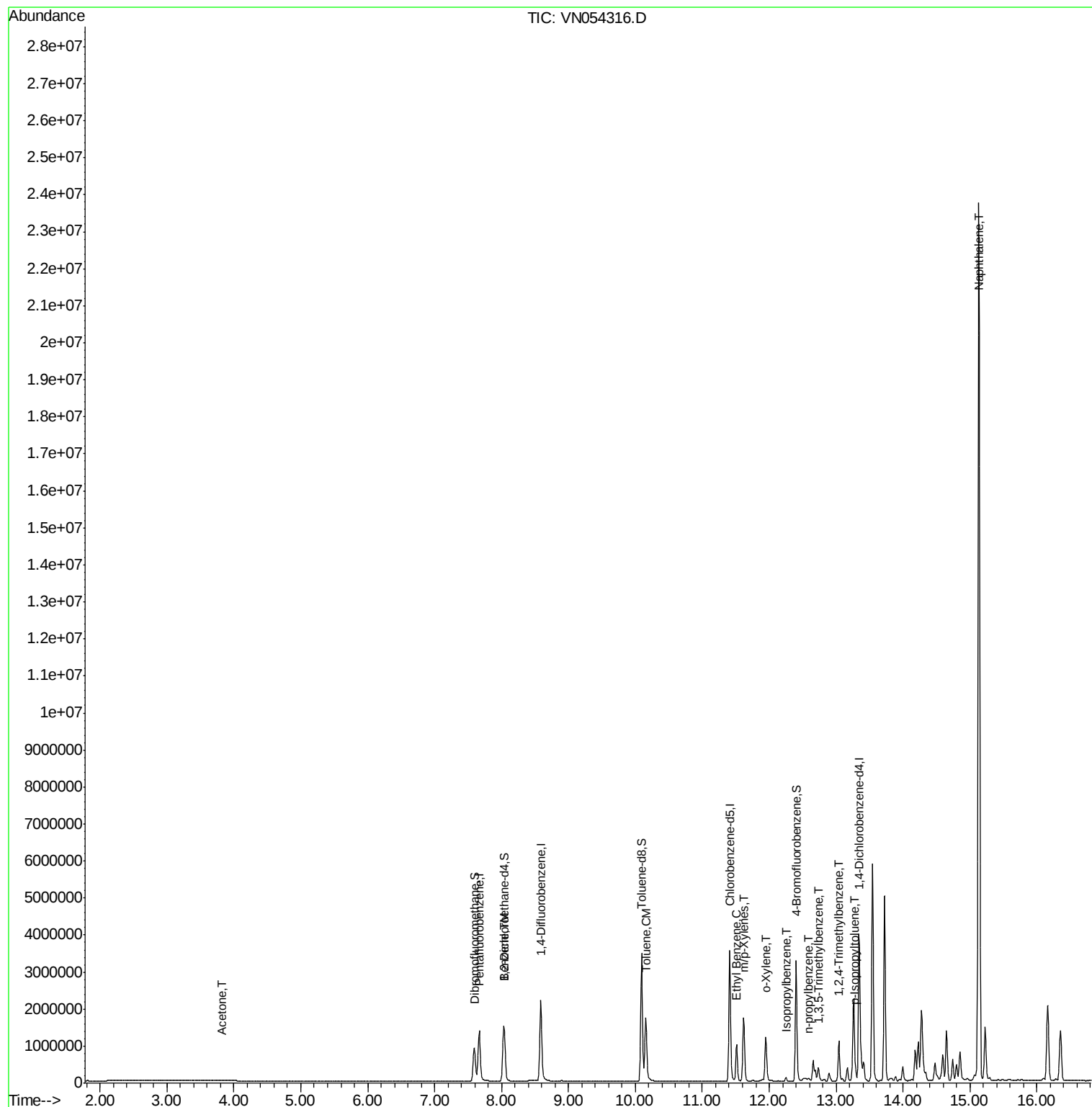
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054316.D
Acq On : 15 Mar 2019 18:15
Operator : JC/SP
Sample : K1899-01DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

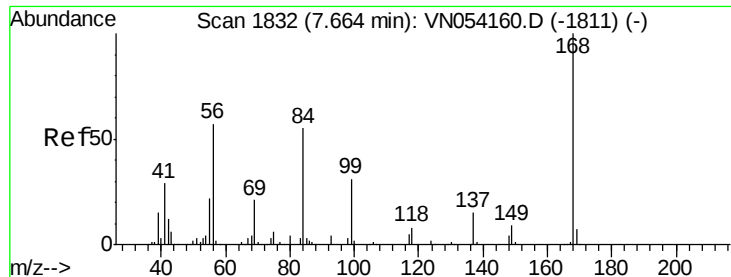
Instrument :
MSVOA_N
ClientSampleId :
MW-1ADL

Quant Time: Mar 16 04:16:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

Tgt Ion:168 Resp: 1337330

Ion Ratio Lower Upper

168 100

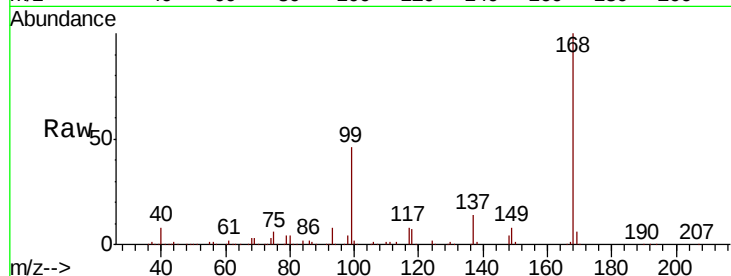
99 45.8 37.1 55.7

Manual Integrations

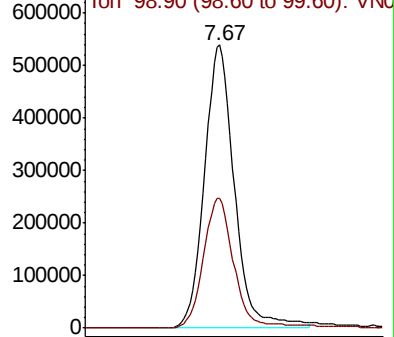
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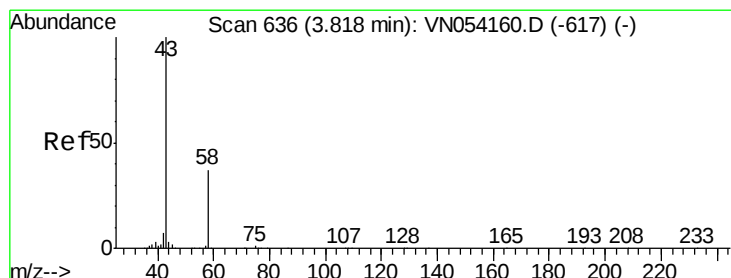
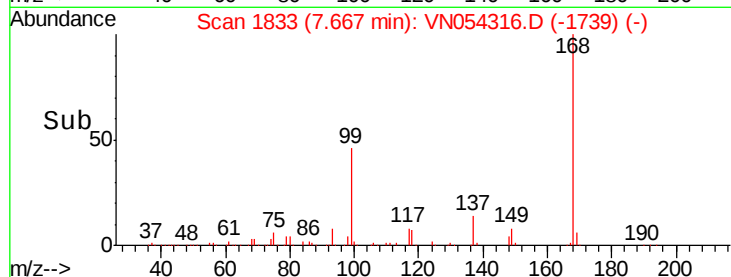
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Abundance Ion 167.90 (167.60 to 168.60): VN054316.D (-1739) (-)



Time-->



#16

Acetone

Concen: 5.557 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054316.D

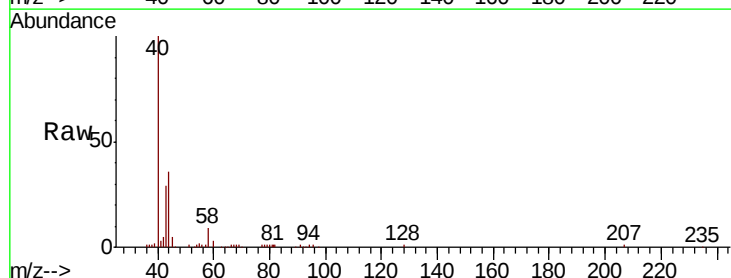
Acq: 15 Mar 2019 18:15

Tgt Ion: 43 Resp: 22599

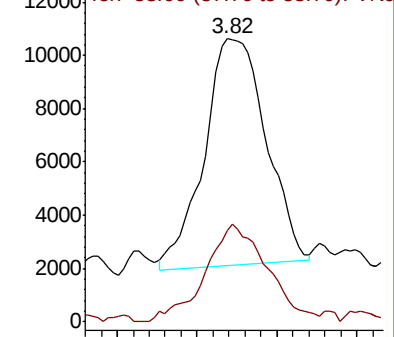
Ion Ratio Lower Upper

43 100

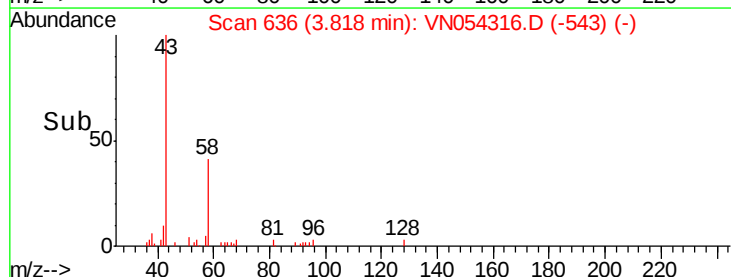
58 37.3 29.9 44.9

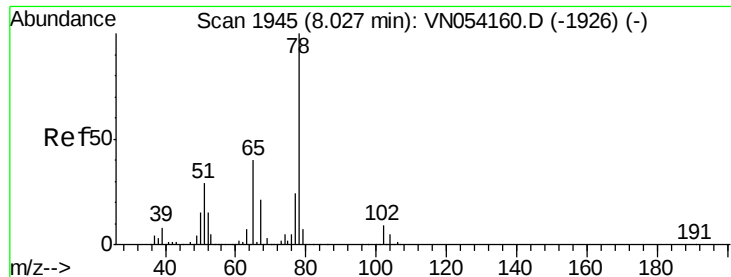


Abundance Ion 43.00 (42.70 to 43.70): VN054316.D (-543) (-)



Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.644 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

Tgt Ion: 65 Resp: 719272

Ion Ratio Lower Upper

65 100

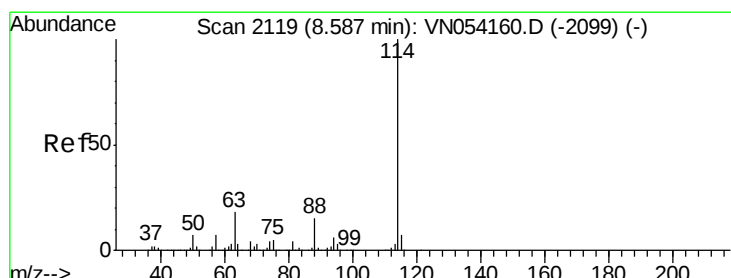
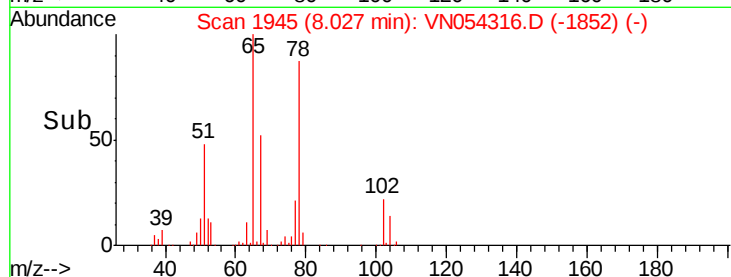
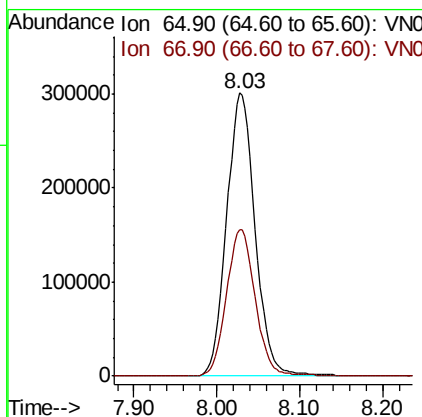
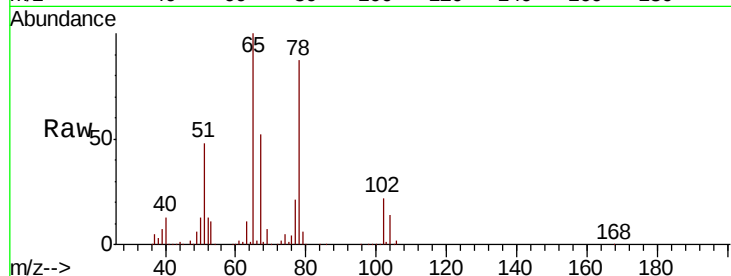
67 52.2 0.0 104.6

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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: VN054316.D

Acq: 15 Mar 2019 18:15

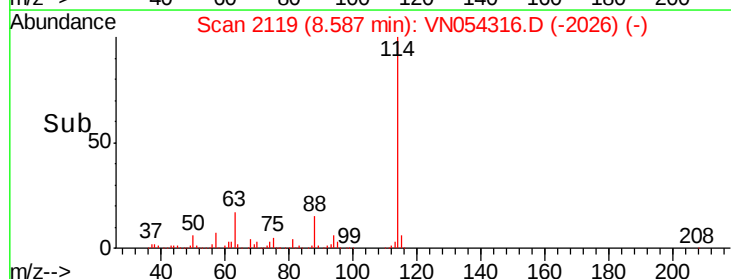
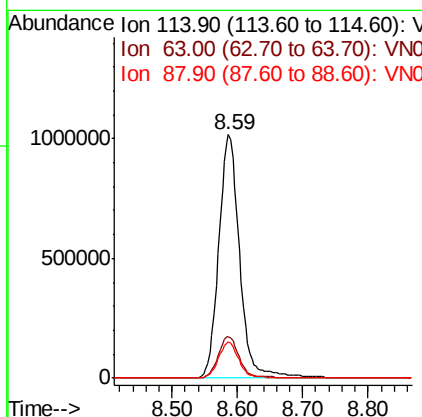
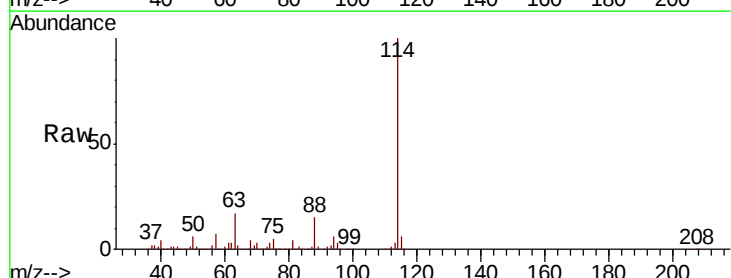
Tgt Ion: 114 Resp: 2266175

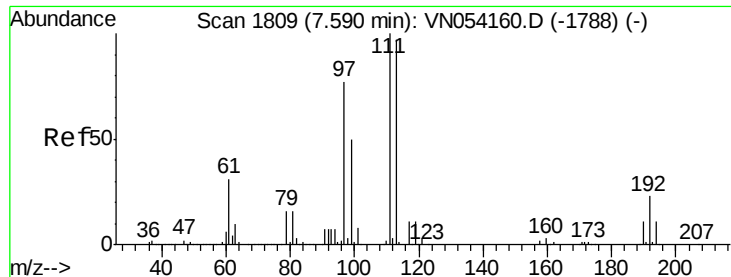
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

88 14.7 0.0 30.2





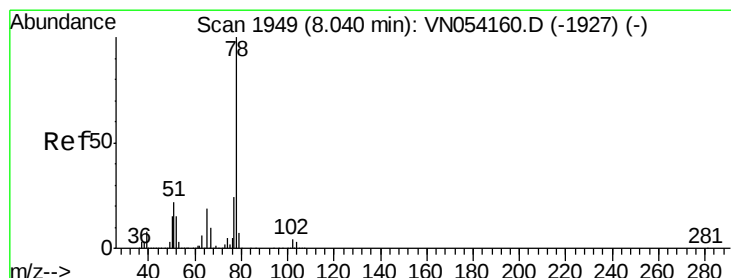
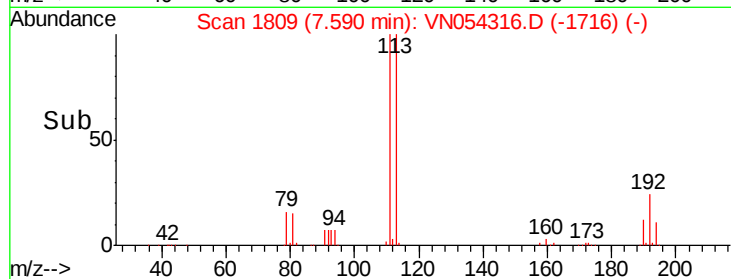
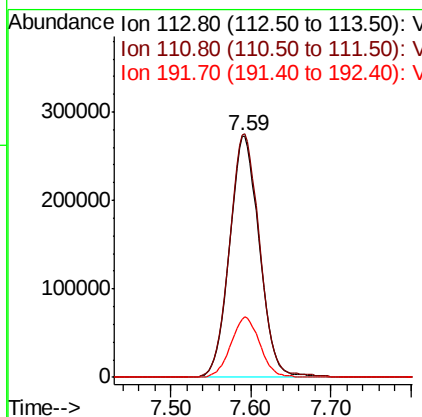
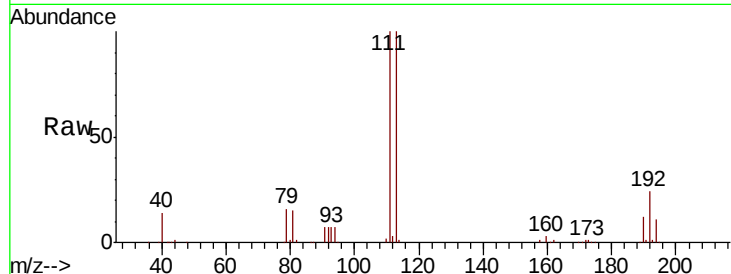
#35
Dibromofluoromethane
Concen: 47.123 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1ADL

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	688745		
111	102.2	82.2	123.4	
192	24.5	19.2	28.8	

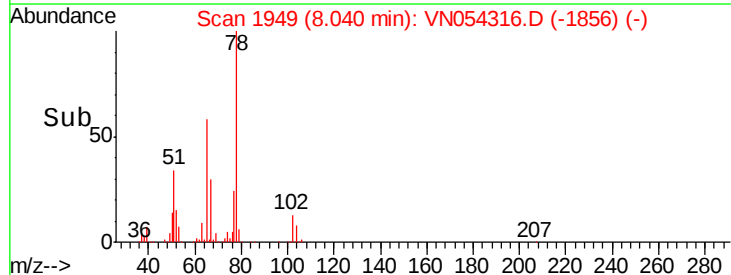
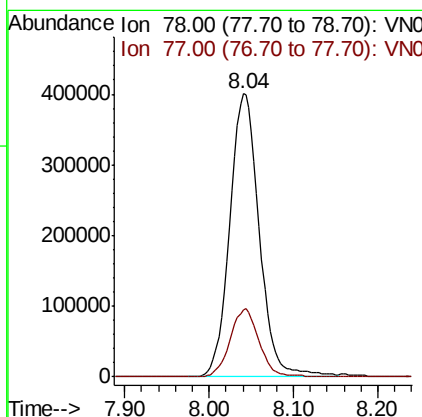
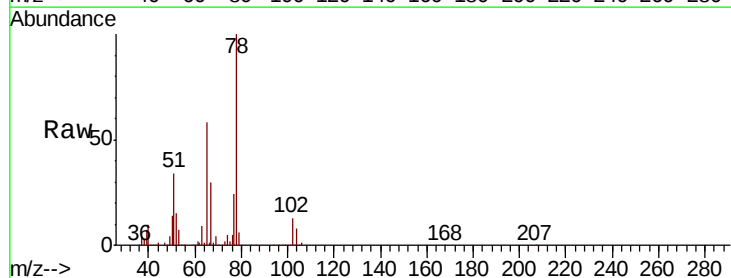
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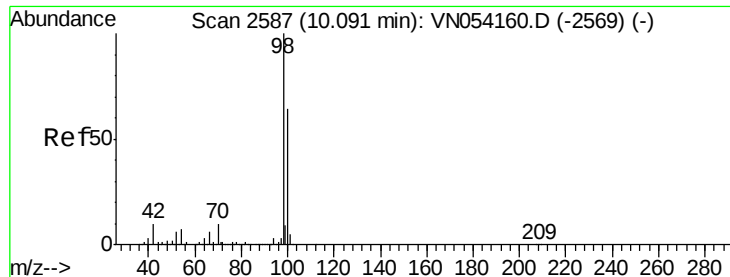
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#40
Benzene
Concen: 16.400 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	979392		
77	23.9	19.1	28.7	





#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

Tgt Ion: 98 Resp: 2804269

Ion Ratio Lower Upper

98 100

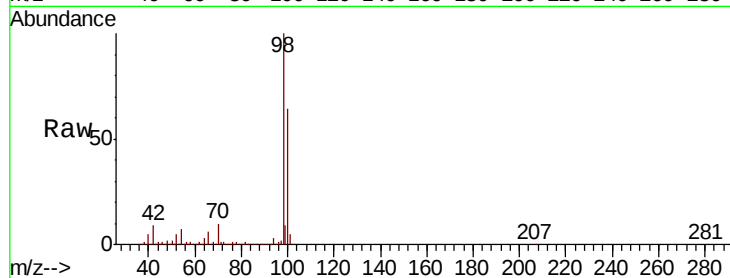
100 64.1 51.2 76.8

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

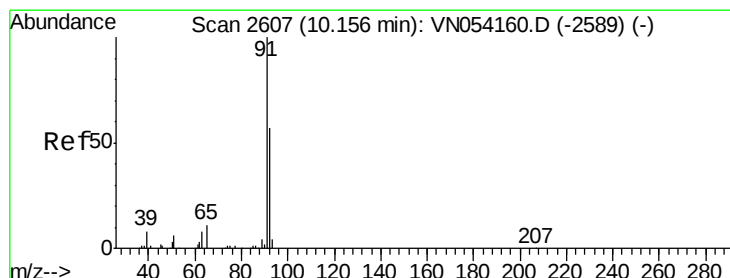
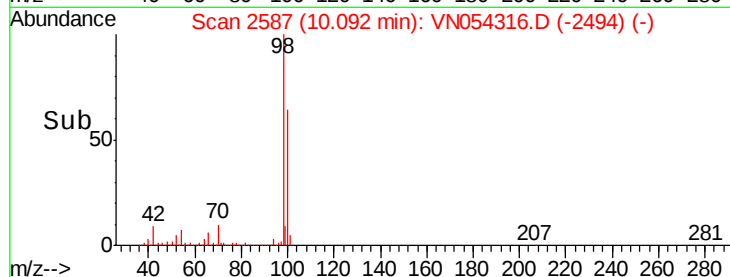
500000

0

10.09

10.00 10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 21.821 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054316.D

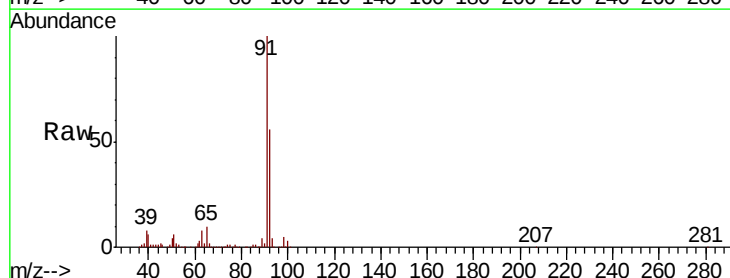
Acq: 15 Mar 2019 18:15

Tgt Ion: 92 Resp: 826288

Ion Ratio Lower Upper

92 100

91 176.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

400000

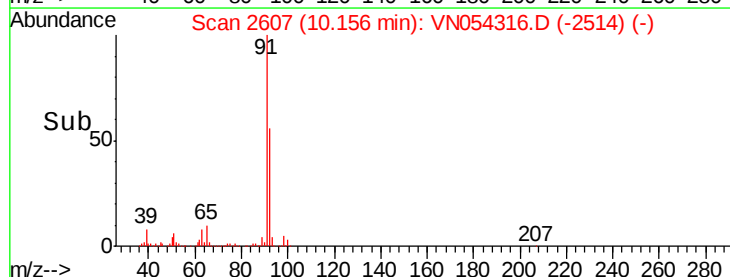
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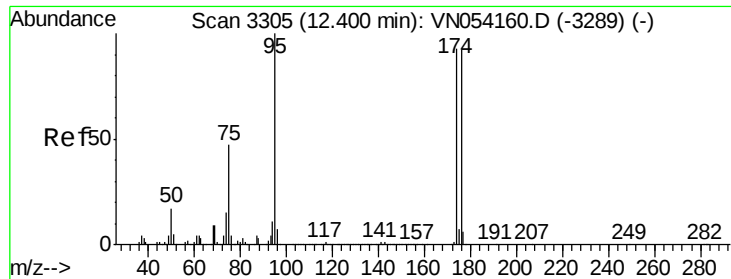
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10.16

10.10 10.20 10.30

Time-->





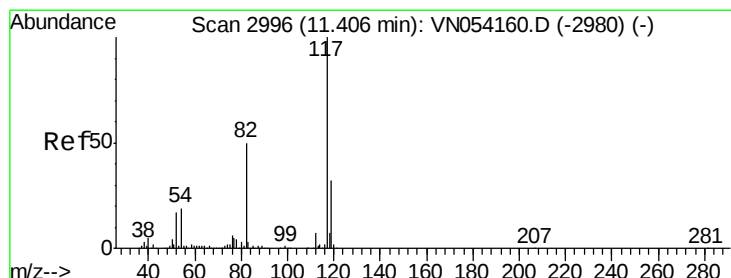
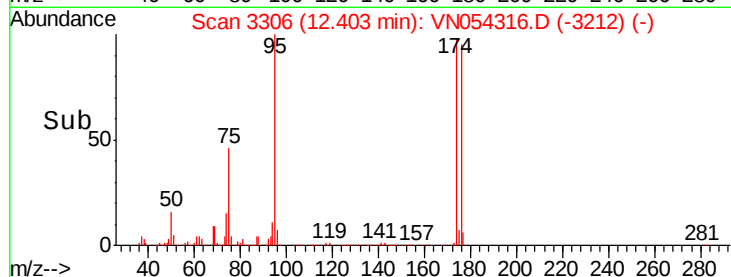
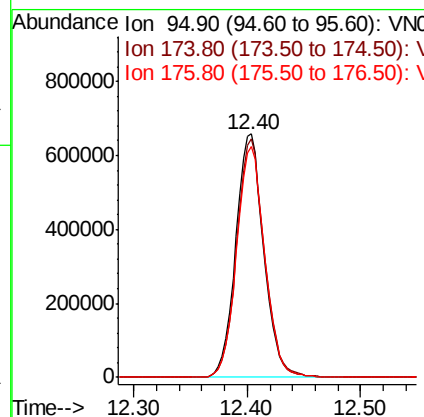
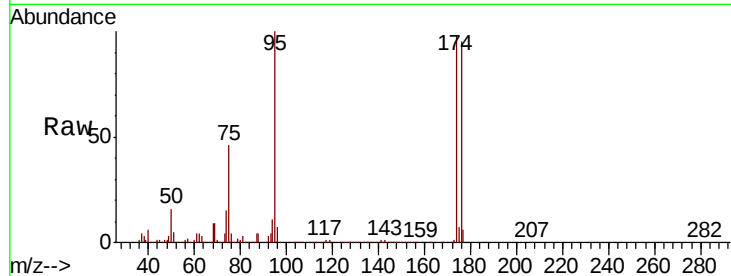
#62
4-Bromofluorobenzene
Concen: 59.791 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
MW-1ADL

Tgt Ion: 95 Resp: 1129286
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.0
176 95.2 0.0 187.4

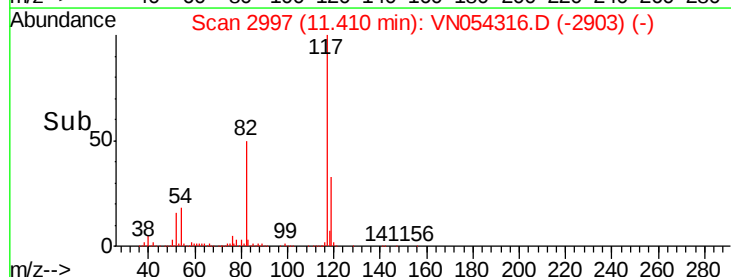
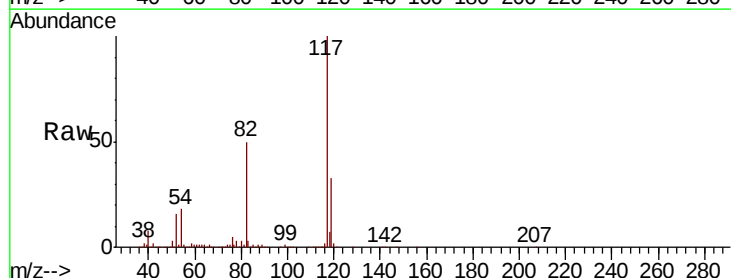
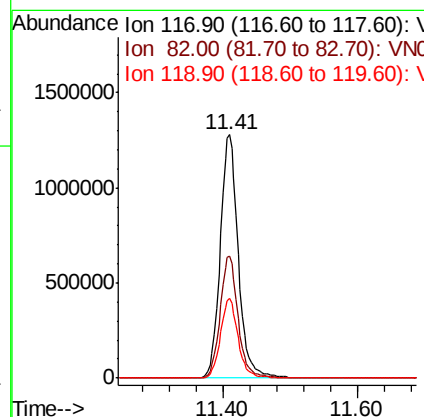
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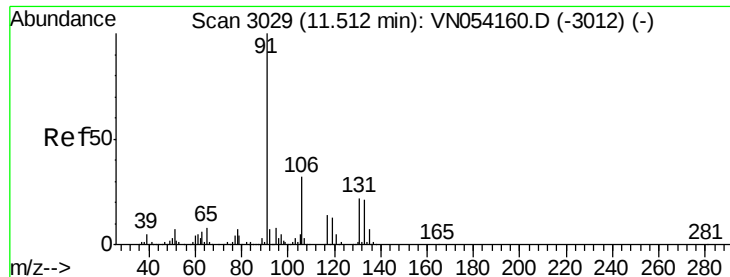
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Tgt Ion: 117 Resp: 2386927
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.5 25.8 38.6





#67

Ethyl Benzene

Concen: 9.058 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

Tgt Ion: 91 Resp: 786939

Ion Ratio Lower Upper

91 100

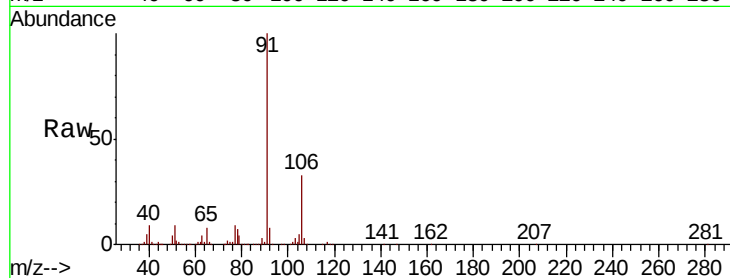
106 32.6 25.5 38.3

Manual Integrations

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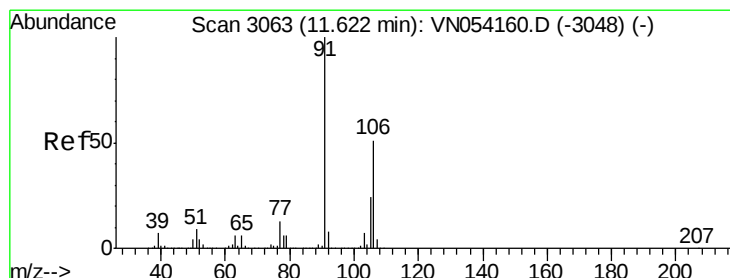
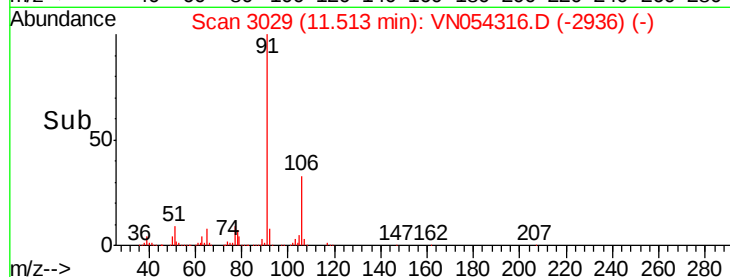
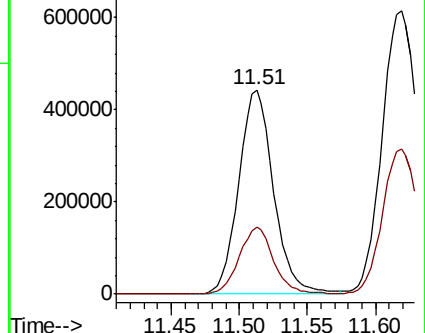
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3/16/2019 11:09:17 AM



Abundance Ion 91.00 (90.70 to 91.70): VN054316.D (-2936) (-)

Ion 106.00 (105.70 to 106.70): VN054316.D (-2936) (-)



#68

m/p-Xylenes

Concen: 18.058 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054316.D

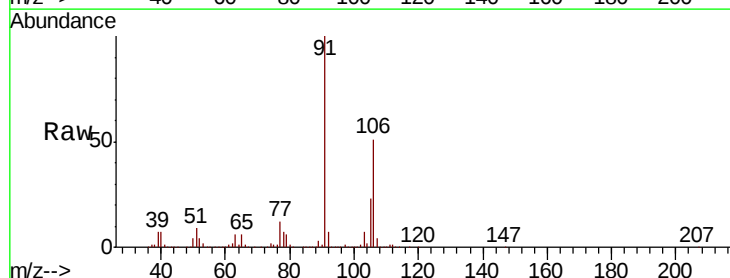
Acq: 15 Mar 2019 18:15

Tgt Ion: 106 Resp: 613178

Ion Ratio Lower Upper

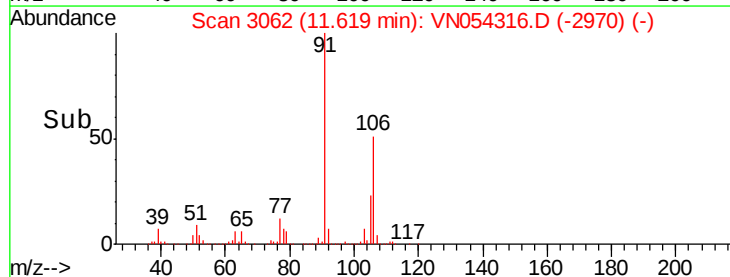
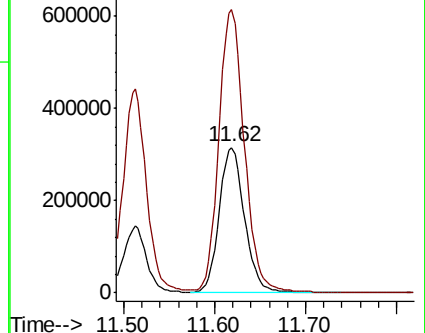
106 100

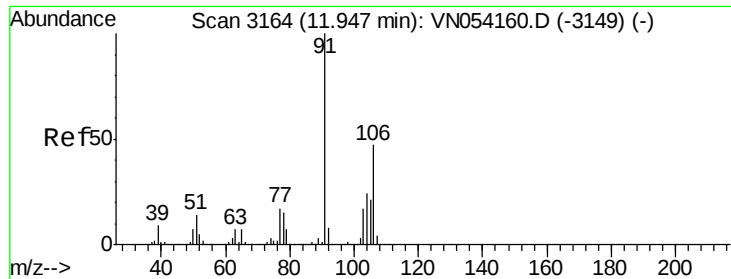
91 196.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054316.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN054316.D (-2970) (-)





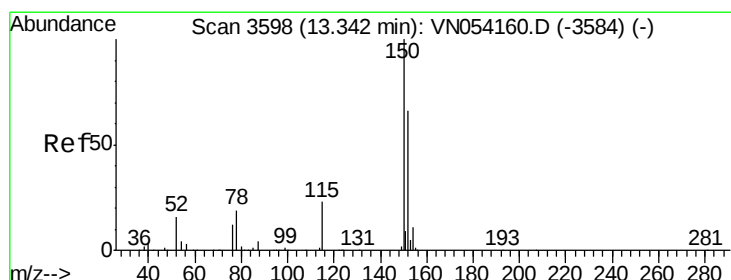
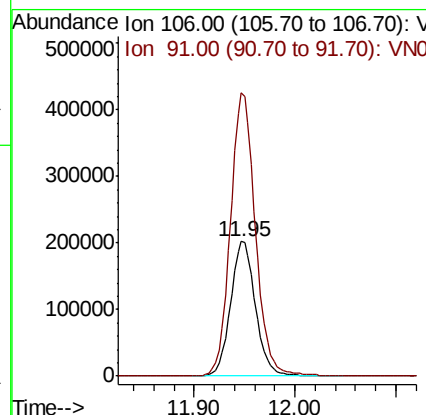
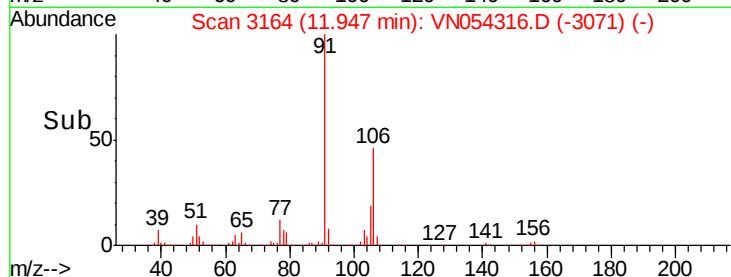
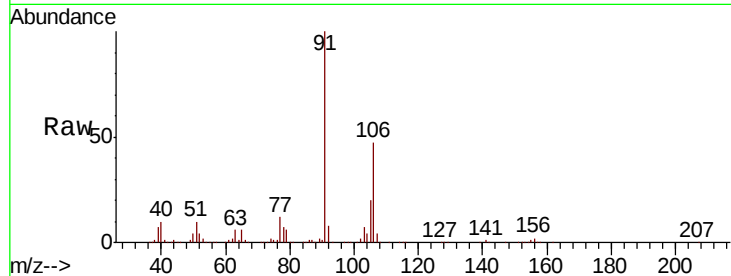
#69
o-Xylene
Concen: 10.515 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Instrument :
MSVOA_N
ClientSampled :
MW-1ADL

Tgt Ion:106 Resp: 348069
Ion Ratio Lower Upper
106 100
91 210.7 105.7 317.1

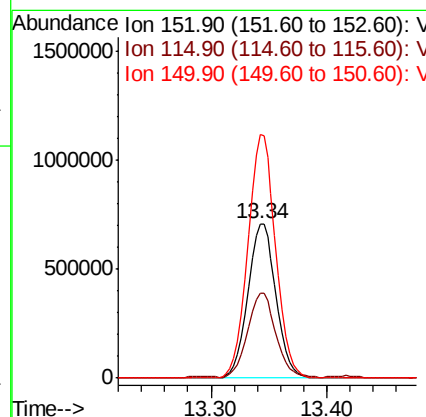
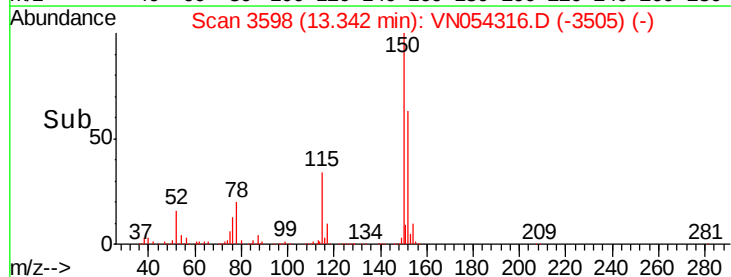
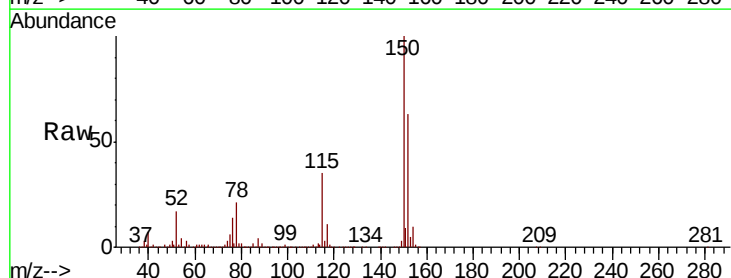
Manual Integrations
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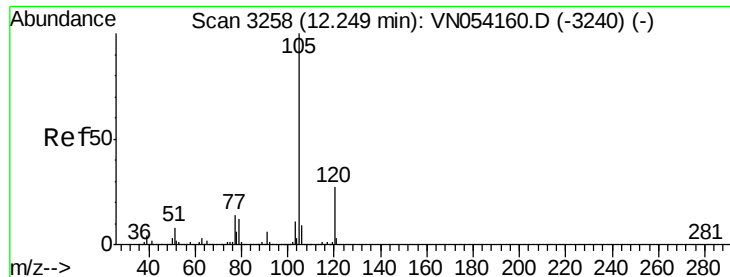
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Tgt Ion:152 Resp: 1188493
Ion Ratio Lower Upper
152 100
115 54.5 27.2 81.6
150 155.8 0.0 349.2





#73

Isopropylbenzene

Concen: 0.835 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

MW-1ADL

Tgt Ion: 105 Resp: 79397

Ion Ratio Lower Upper

105 100

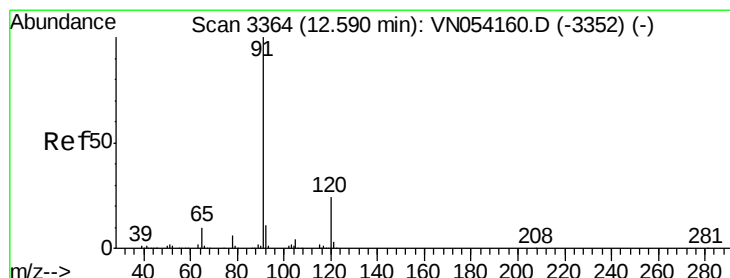
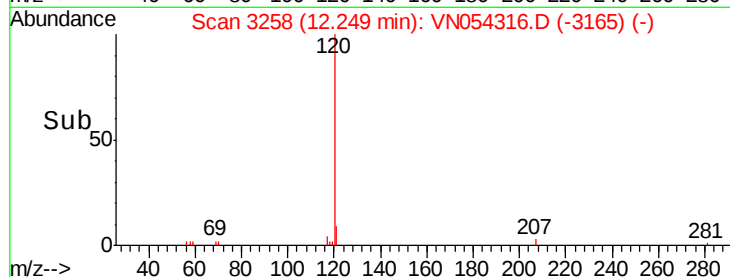
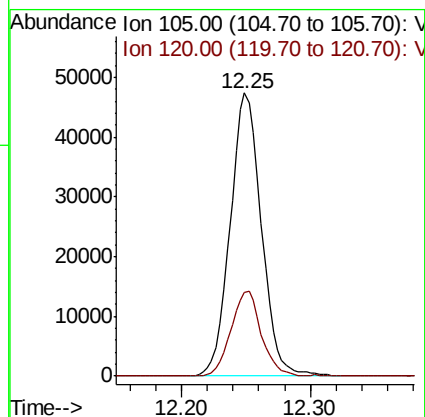
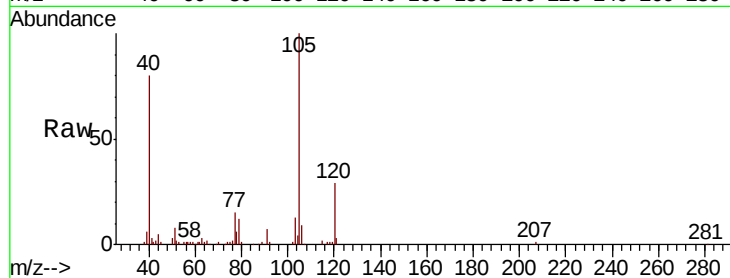
120 29.0 13.8 41.3

Manual Integrations

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#78

n-propylbenzene

Concen: 0.398 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054316.D

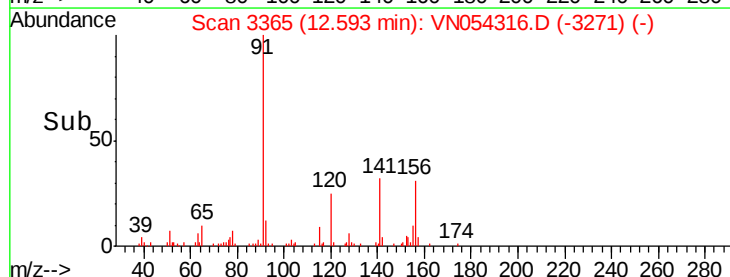
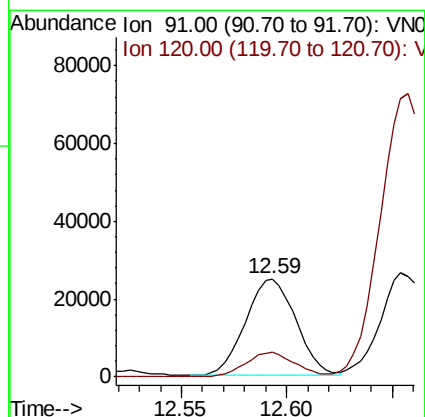
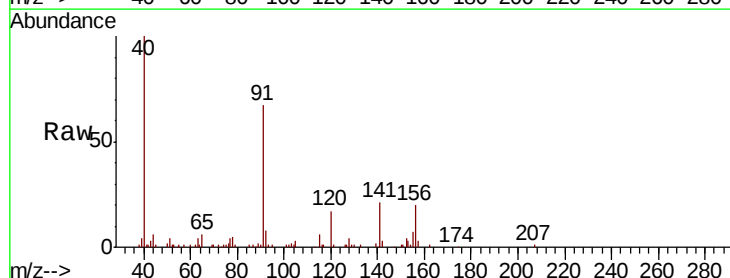
Acq: 15 Mar 2019 18:15

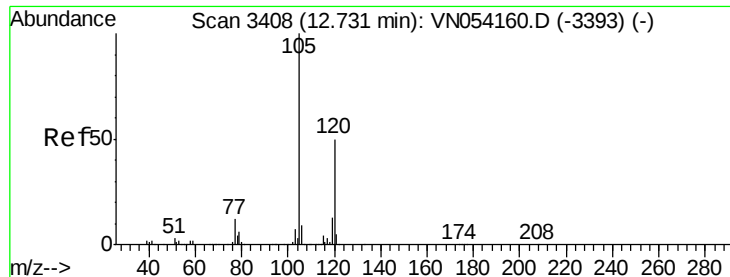
Tgt Ion: 91 Resp: 41110

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.9





#80

1,3,5-Trimethylbenzene

Concen: 2.250 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054316.D

Acq: 15 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL

Tgt Ion:105 Resp: 177932

Ion Ratio Lower Upper

105 100

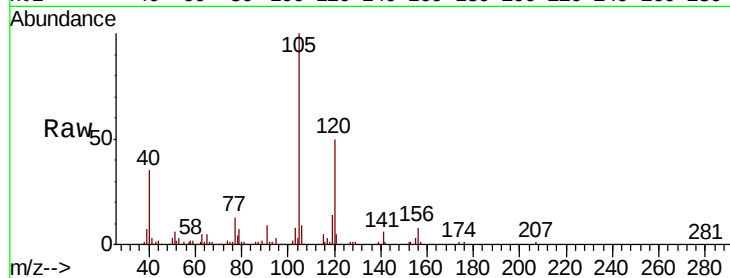
120 51.8 25.0 75.0

Manual Integrations

APPROVED

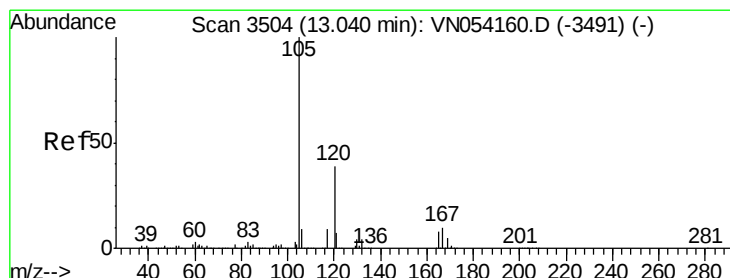
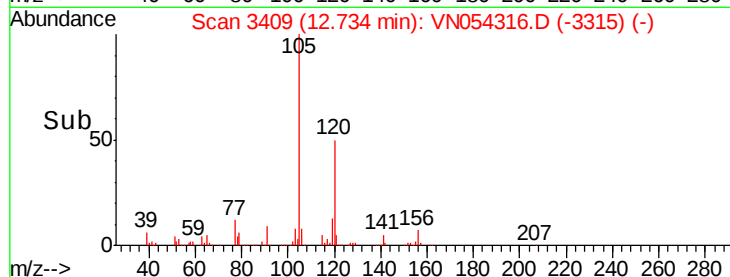
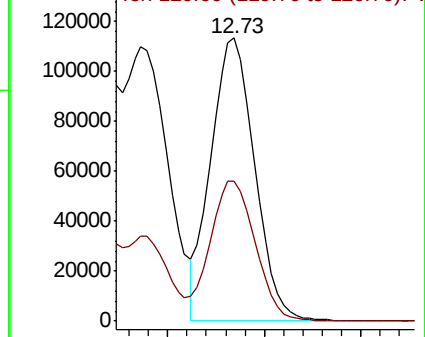
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 8.334 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054316.D

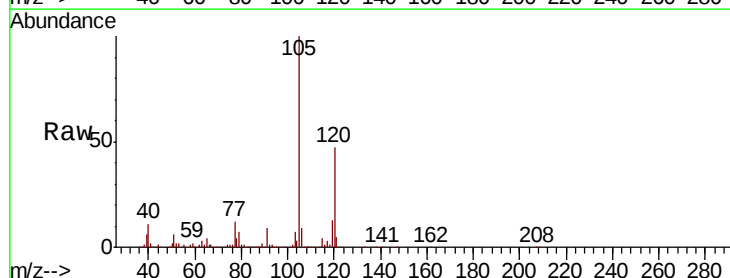
Acq: 15 Mar 2019 18:15

Tgt Ion:105 Resp: 646628

Ion Ratio Lower Upper

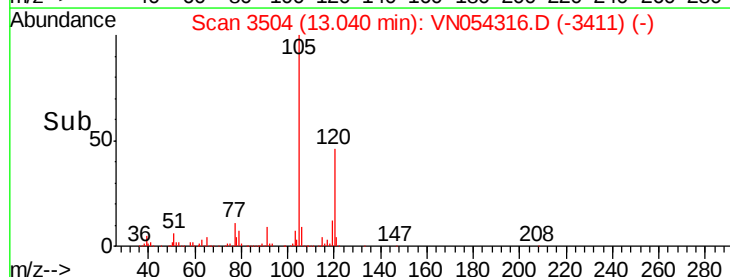
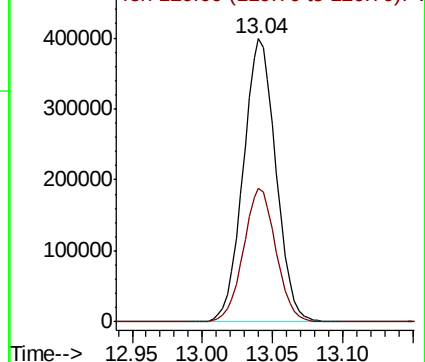
105 100

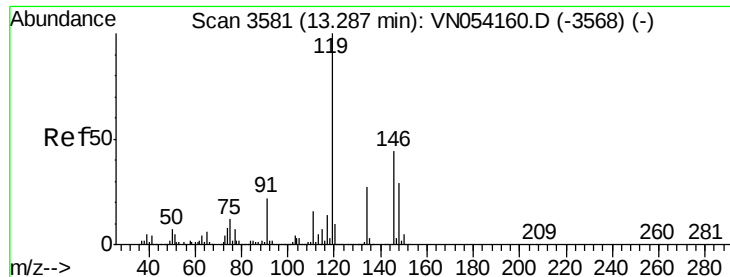
120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





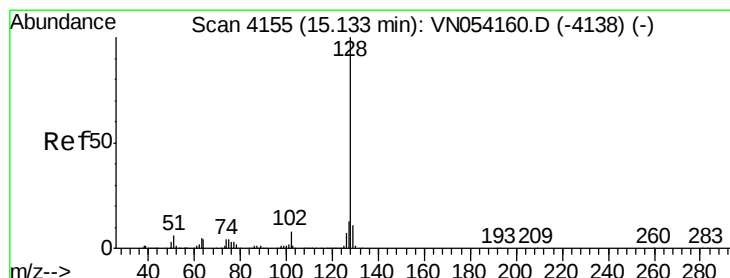
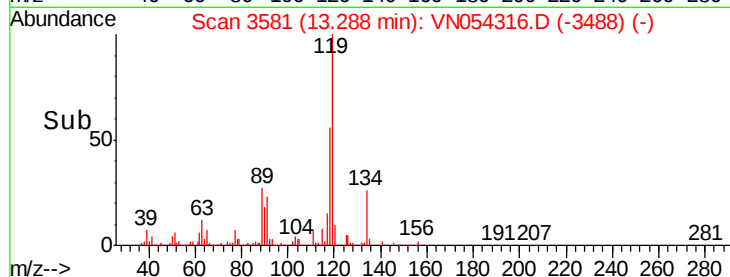
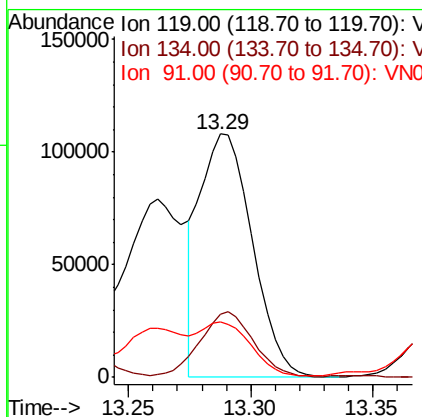
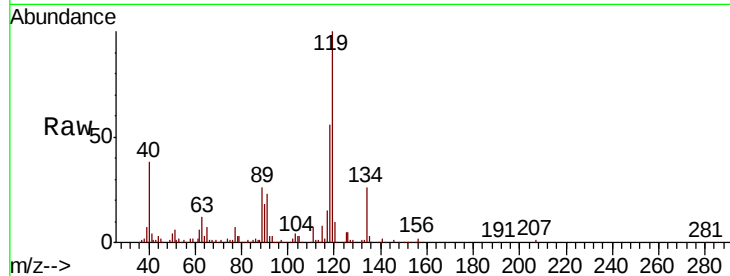
#86
p-Isopropyltoluene
Concen: 1.928 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Instrument :
MSVOA_N
ClientSampled :
MW-1ADL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.6	40.8
91	19.4	11.1	33.3

Manual Integrations
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#95
Naphthalene
Concen: 332.191 ug/l m
RT: 15.12 min Scan# 4152
Delta R.T. -0.01 min
Lab File: VN054316.D
Acq: 15 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.7	13.1#

