

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054414.D
 Acq On : 19 Mar 2019 1:23
 Operator : JC/SP
 Sample : K1902-14 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Manual Integrations
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MMDadoda
 3/19/2019 9:22:43 AM

Quant Time: Mar 19 07:22:53 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	1863487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2674838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2279622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	897684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	895132	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
35) Dibromofluoromethane	7.59	113	815922	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	10.09	98	3153143	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	958162	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
Target Compounds						
16) Acetone	3.82	43	476506	84.093	ug/l	100
18) Methyl Acetate	4.33	43	40230	3.509	ug/l	97
25) 2-Butanone	6.85	43	33880m	5.094	ug/l	
37) Ethyl Acetate	6.94	43	1434662	101.362	ug/l	97
43) Isopropyl Acetate	8.17	43	716314	28.833	ug/l	98
52) Toluene	10.16	92	588911	13.176	ug/l	98
69) o-Xylene	11.95	106	46677	1.476	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	147519	2.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	667218	11.385	ug/l	100
95) Naphthalene	15.13	128	9696	3.699	ug/l #	89

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

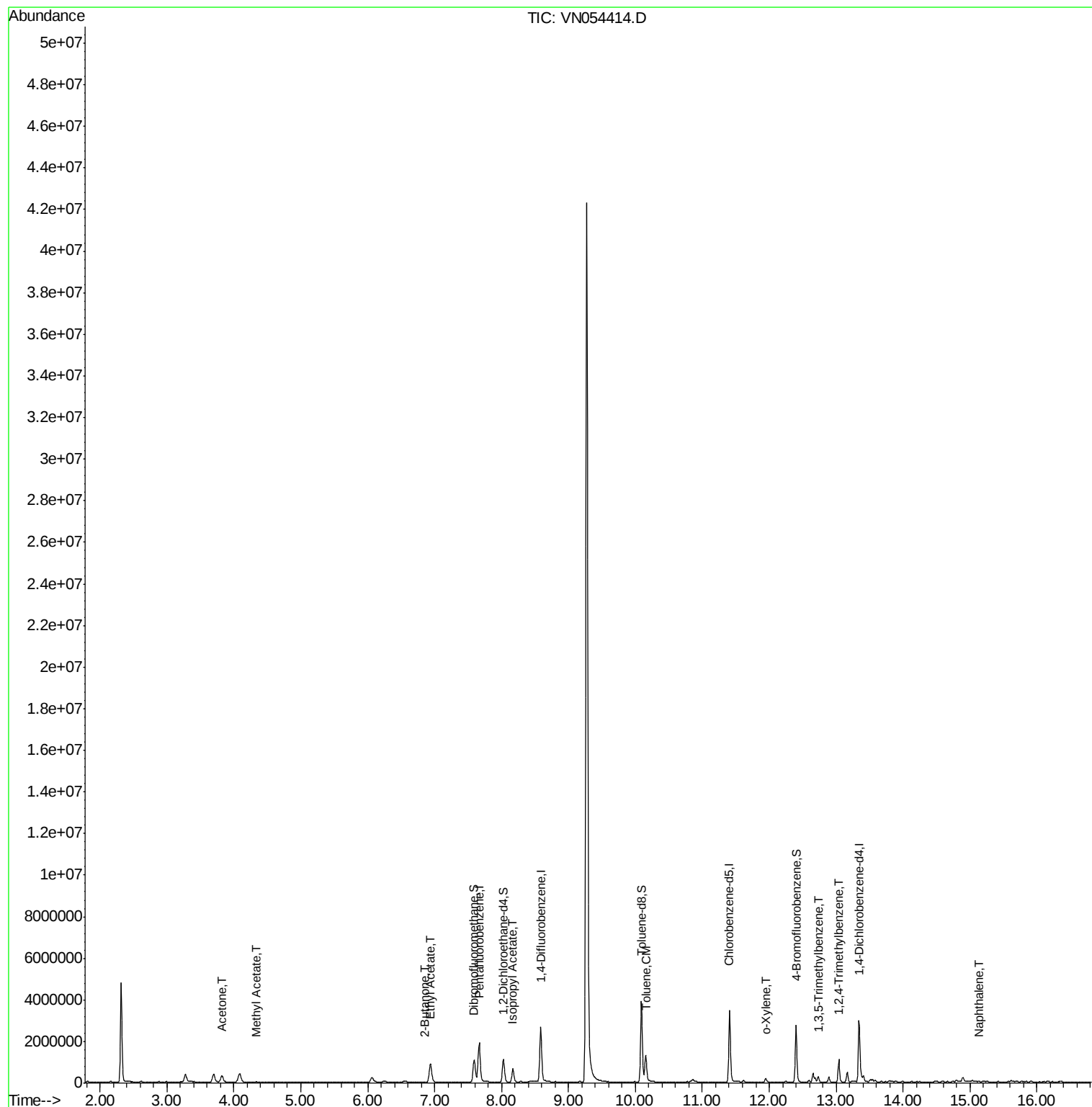
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054414.D
Acq On : 19 Mar 2019 1:23
Operator : JC/SP
Sample : K1902-14 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

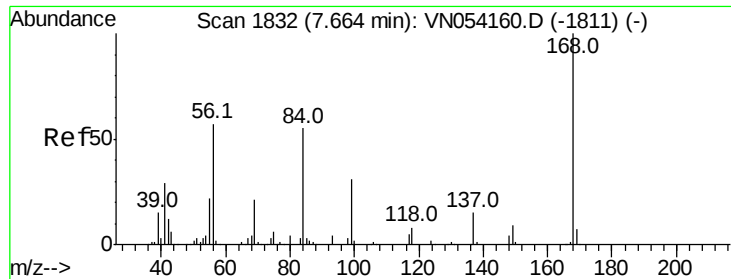
Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Manual Integrations
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3/19/2019 9:22:43 AM

Quant Time: Mar 19 07:22:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

Tot Ion:168 Resp: 1863487

Ion Ratio Lower Upper

168 100

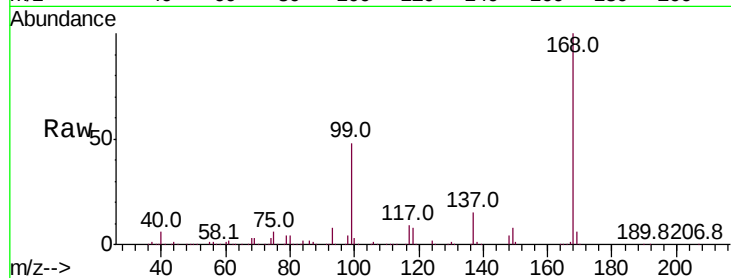
99 48.2 37.1 55.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

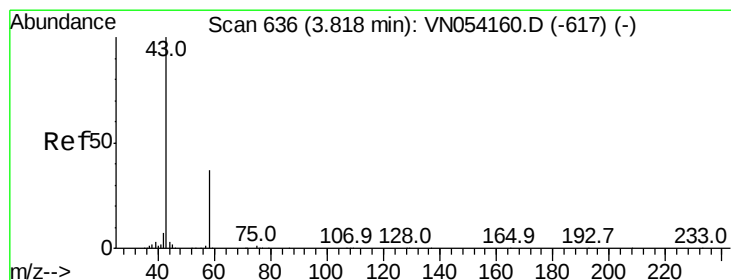
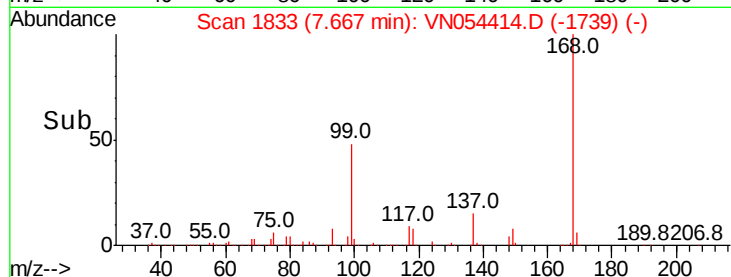
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 84.093 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054414.D

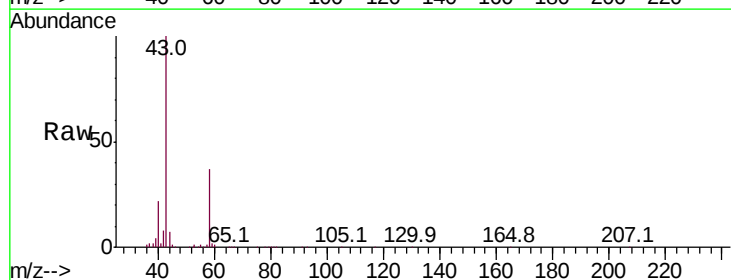
Acq: 19 Mar 2019 1:23

Tgt Ion: 43 Resp: 476506

Ion Ratio Lower Upper

43 100

58 37.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

250000

200000

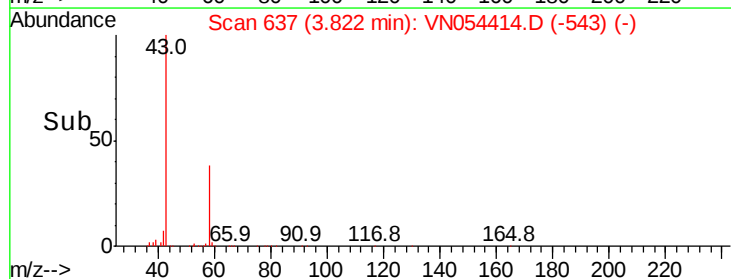
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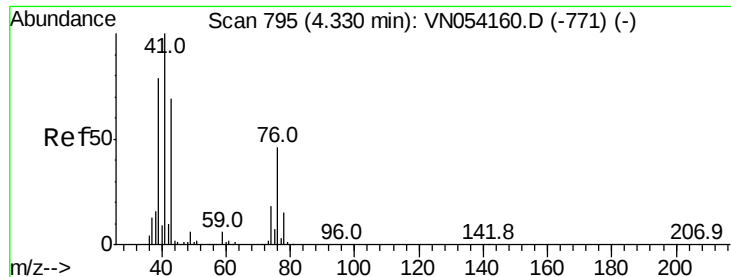
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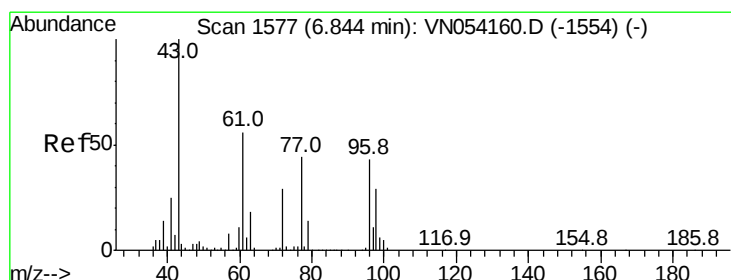
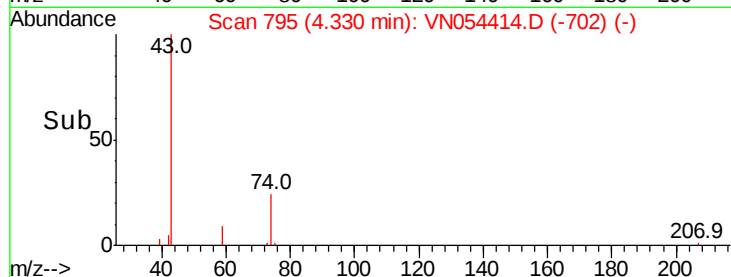
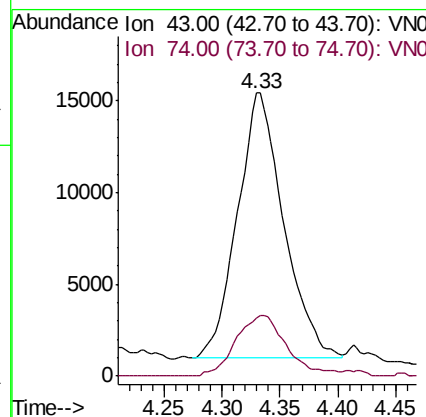
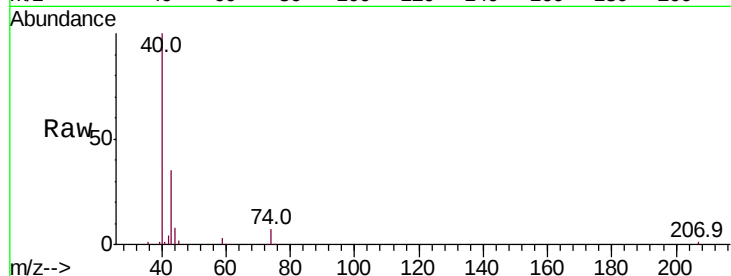
#18
Methvl Acetate
Concen: 3.509 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Tot Ion	43	Resp	40230
Ion Ratio	100	Lower	Upper
74	24.7	20.8	31.2

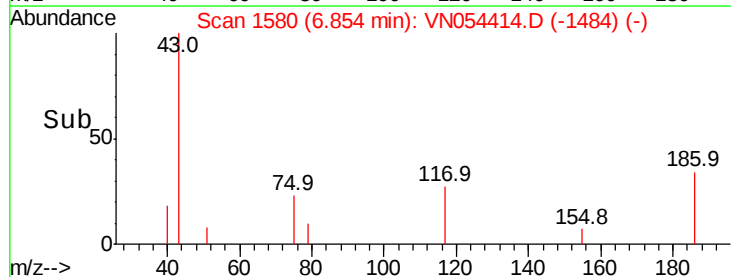
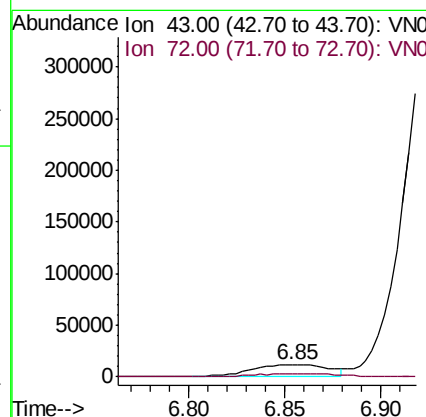
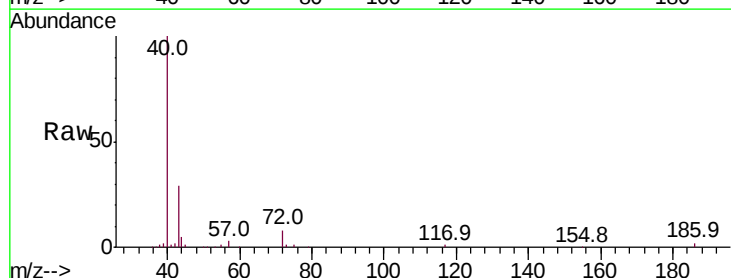
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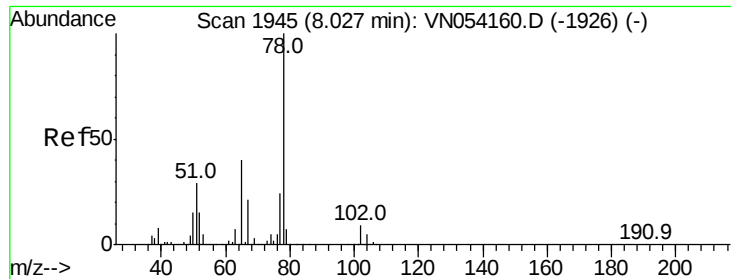
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#25
2-Butanone
Concen: 5.094 ug/l m
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Tgt Ion	43	Resp	33880
Ion Ratio	100	Lower	Upper
72	27.3	23.0	34.6





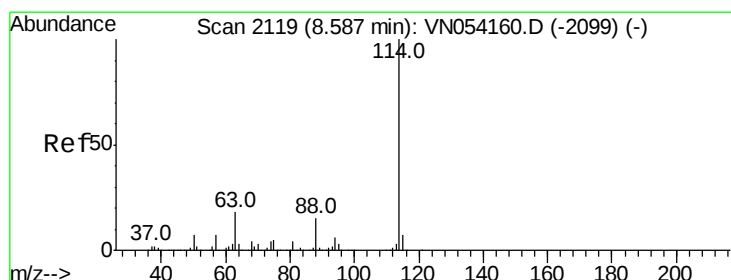
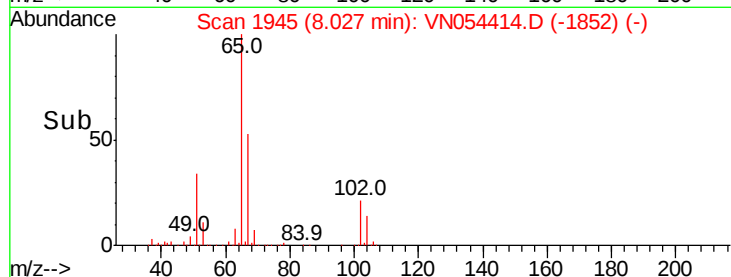
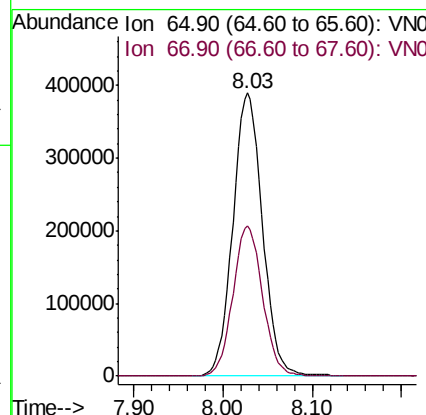
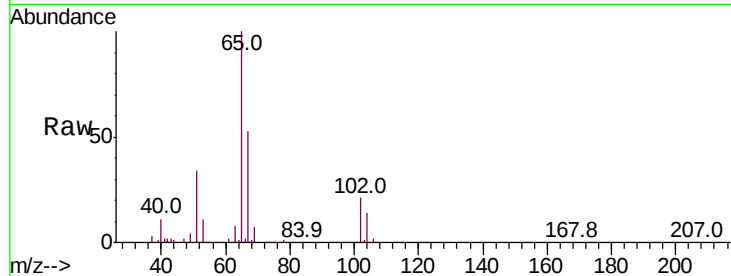
#33
 1,2-Dichloroethane-d4
 Concen: 45.231 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054414.D
 Acq: 19 Mar 2019 1:23

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Tot Ion	Ratio	Resp	Lower	Upper
65	100	895132		
67	53.0	0.0	104.6	

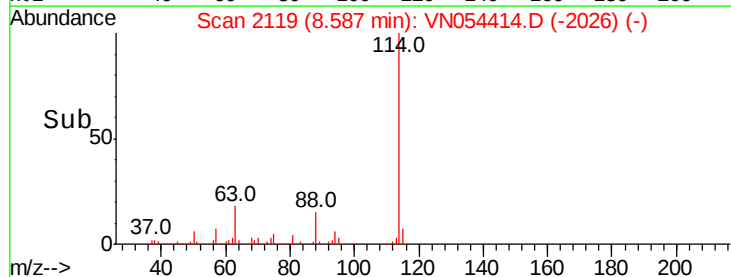
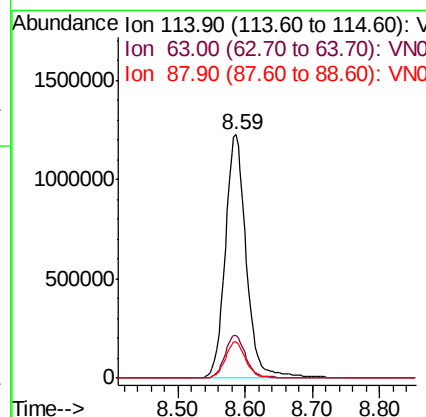
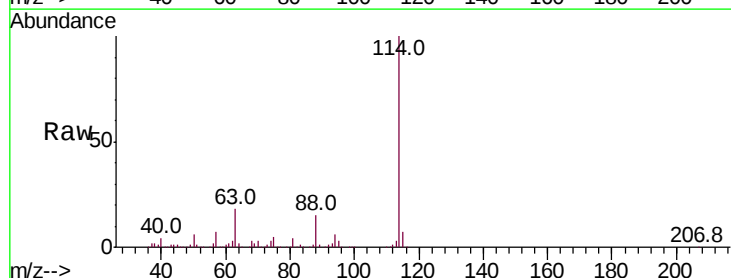
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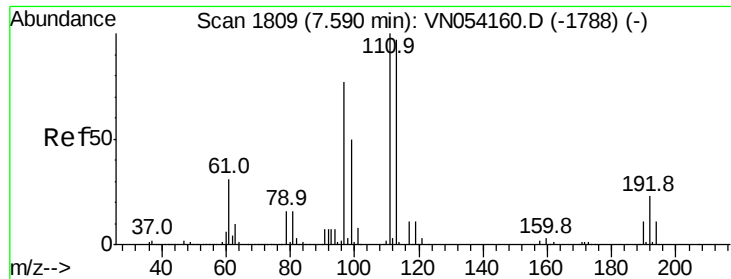
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054414.D
 Acq: 19 Mar 2019 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	2674838		
63	17.7	0.0	35.2	
88	14.7	0.0	30.2	





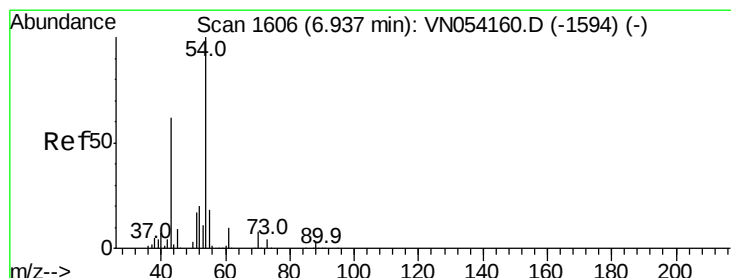
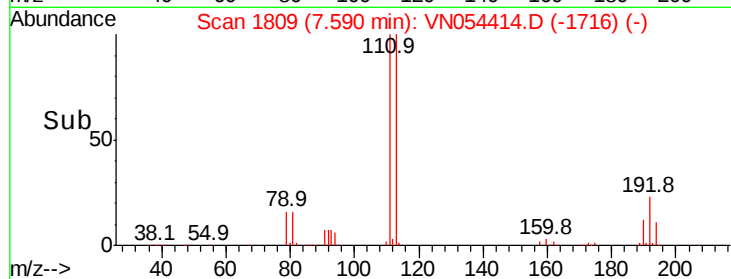
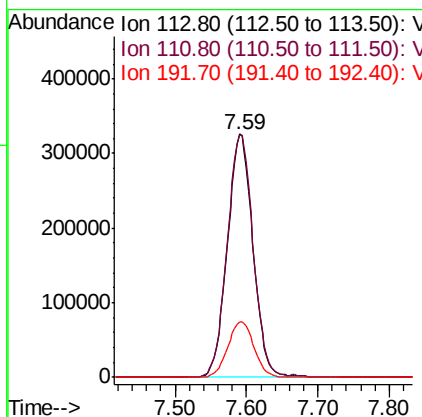
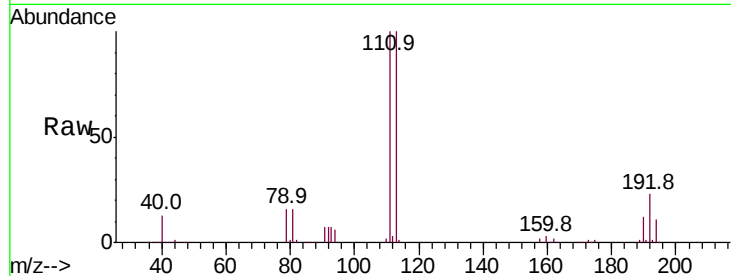
#35
Dibromofluoromethane
Concen: 47.295 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Tot Ion	Ratio	Resp	Lower	Upper
113	100	815922		
111	101.1	82.2	123.4	
192	23.3	19.2	28.8	

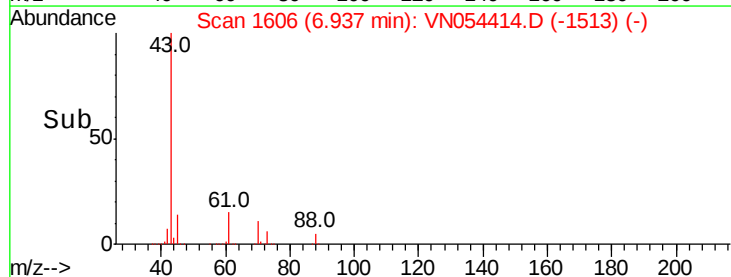
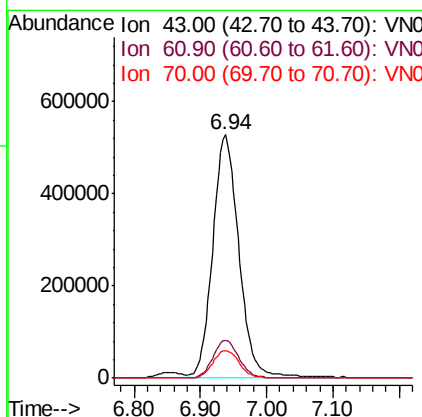
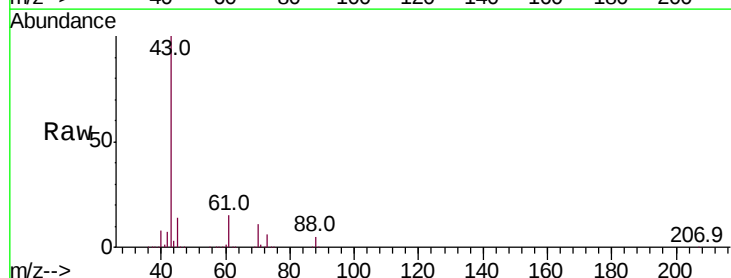
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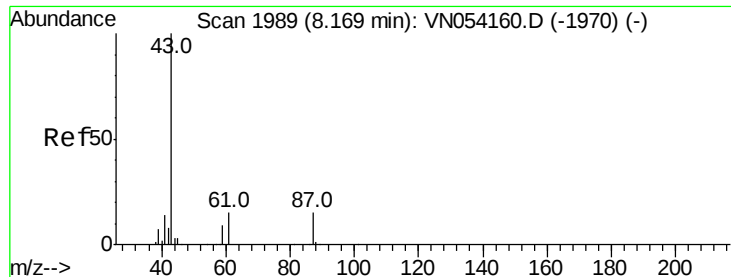
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#37
Ethyl Acetate
Concen: 101.362 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1434662		
61	15.6	11.8	17.6	
70	11.7	8.4	12.6	





#43

Isopropyl Acetate

Concen: 28.833 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Instrument :

MSVOA_N

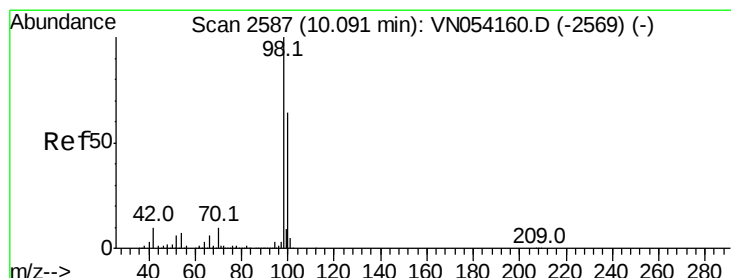
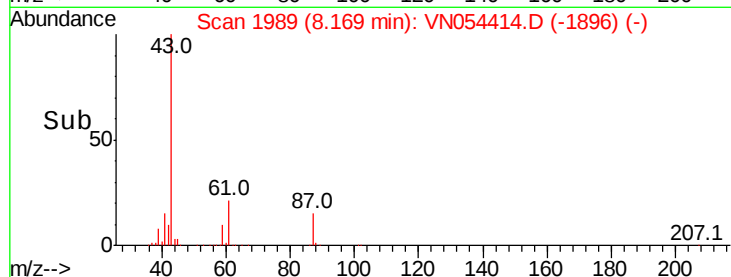
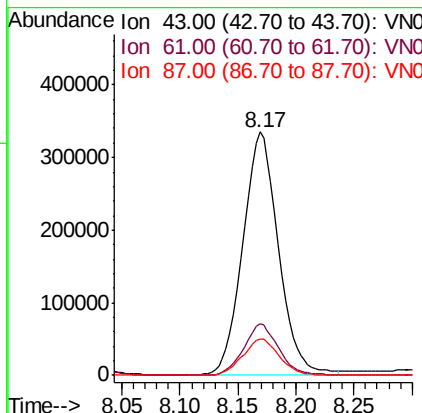
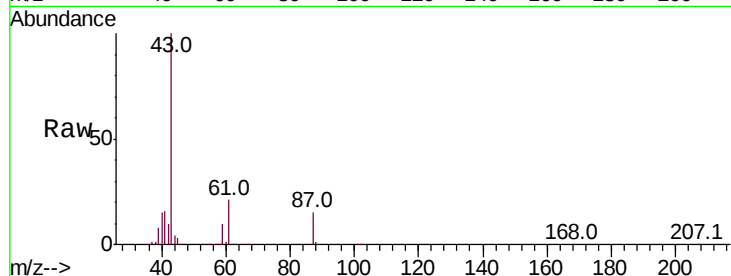
ClientSampleId :

30296-97-30304-05-06

Tot Ion:	43	Resp:	716314
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.8	23.8
87	15.5	12.0	18.0

Manual Integrations
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#50

Toluene-d8

Concen: 49.490 ug/l

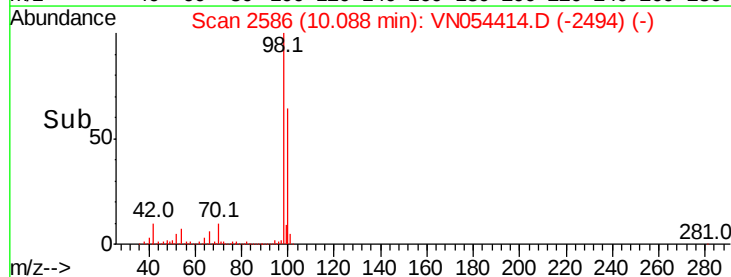
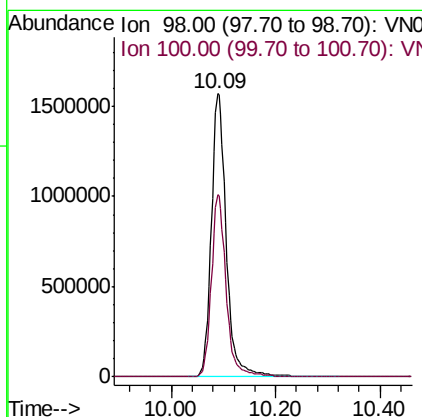
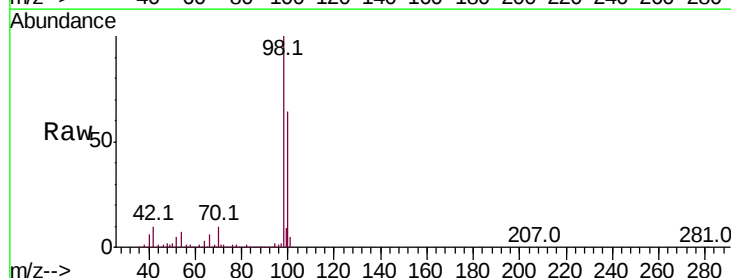
RT: 10.09 min Scan# 2586

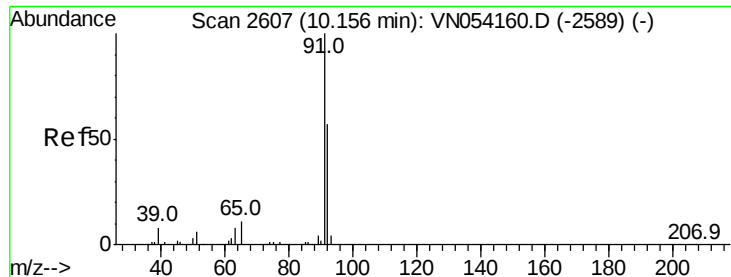
Delta R.T. -0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Tgt Ion:	98	Resp:	3153143
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#52

Toluene

Concen: 13.176 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

Tot Ion: 92 Resp: 588911

Ion Ratio Lower Upper

92 100

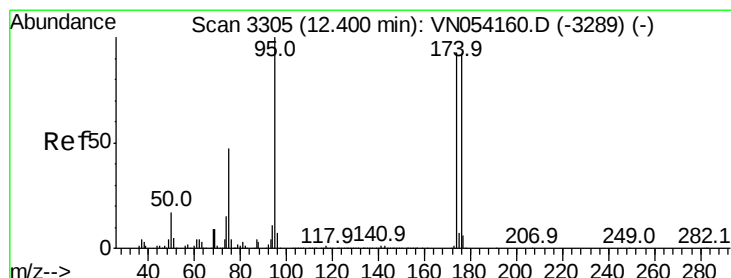
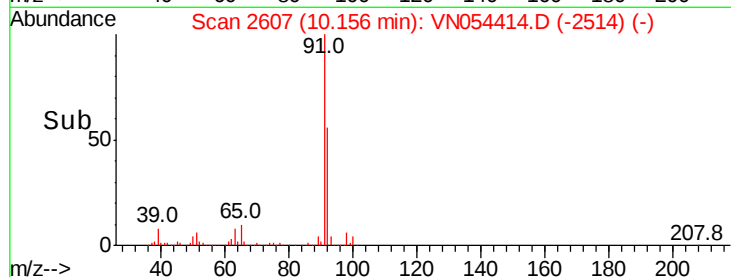
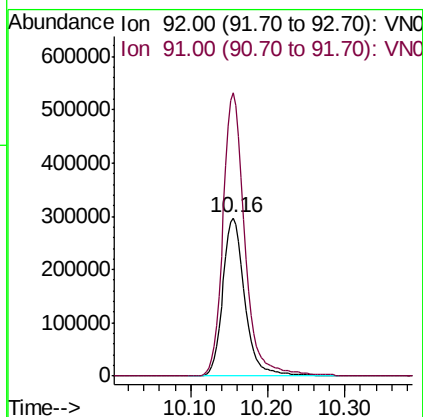
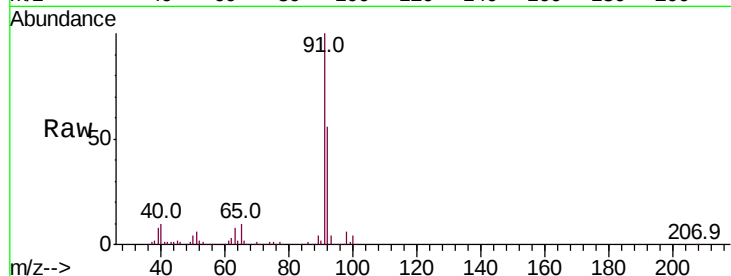
91 178.0 140.7 211.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 42.980 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

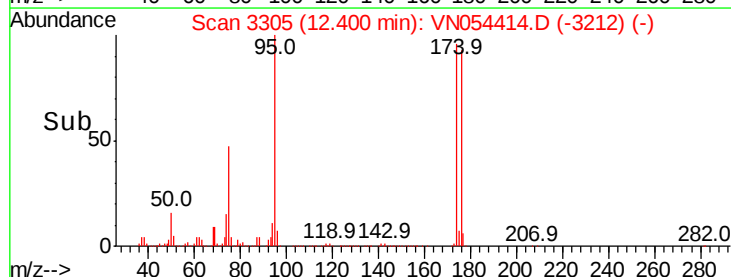
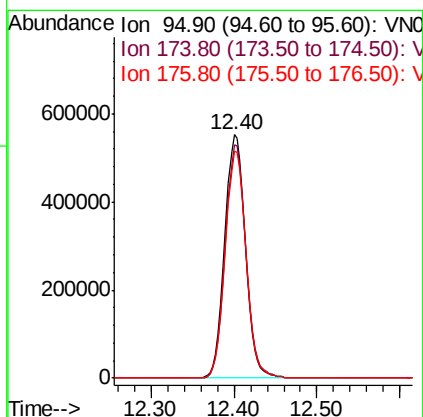
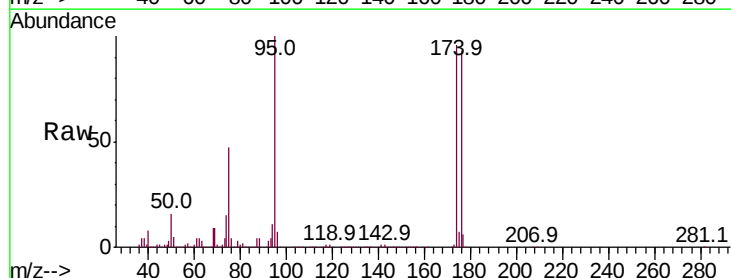
Tgt Ion: 95 Resp: 958162

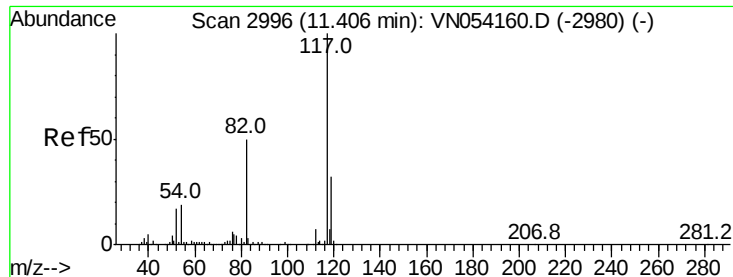
Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.0

176 93.7 0.0 187.4





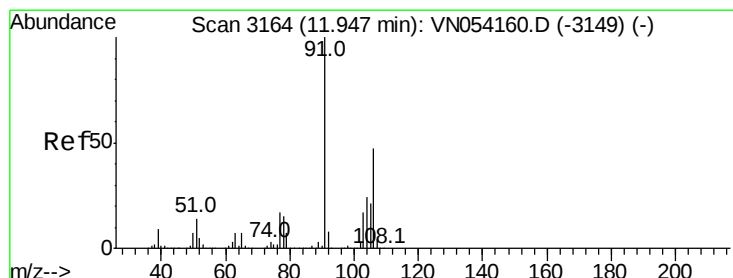
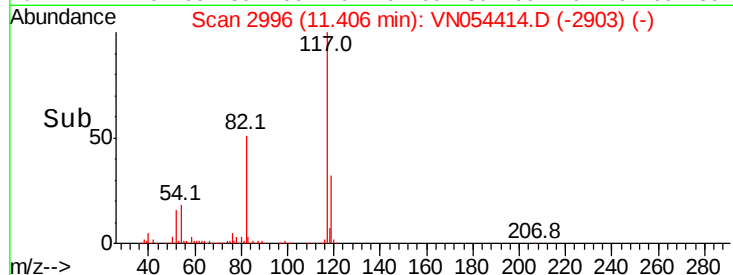
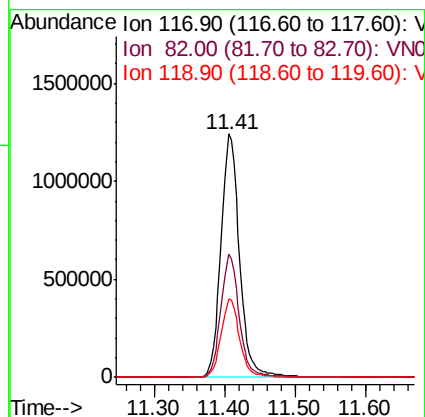
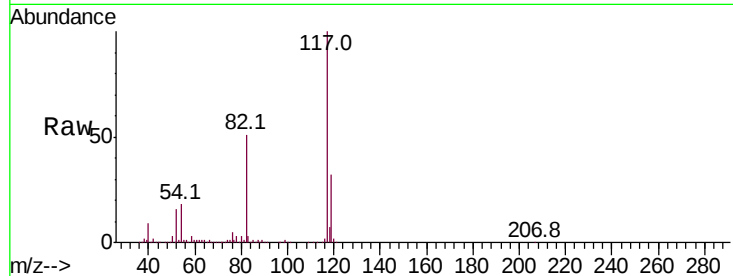
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.0	60.0
119	32.1	25.8	38.6

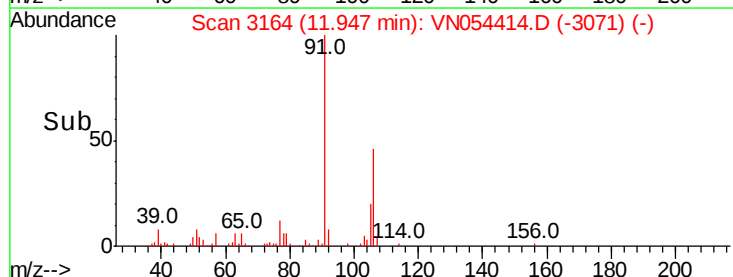
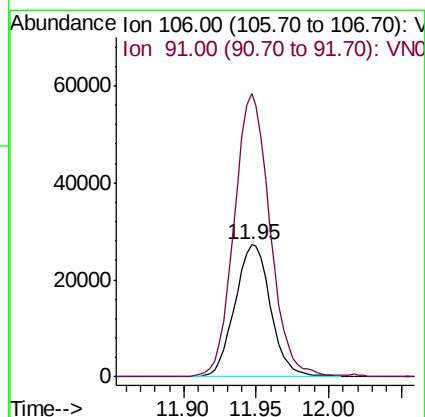
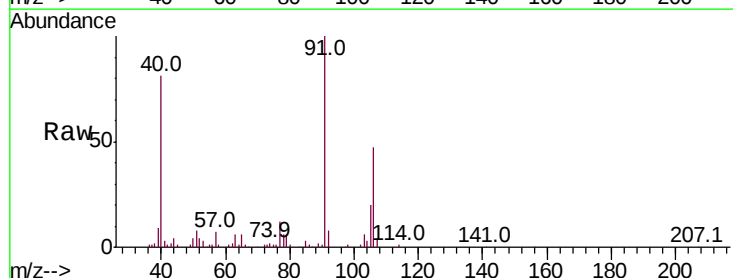
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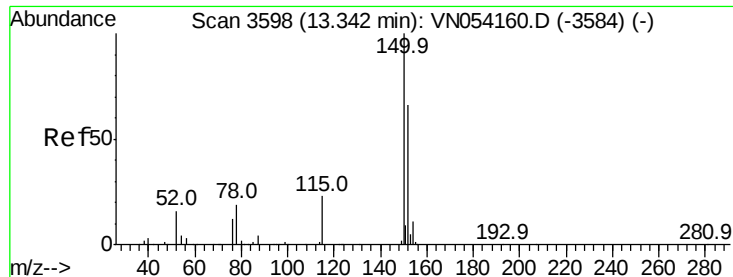
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#69
o-Xylene
Concen: 1.476 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054414.D
Acq: 19 Mar 2019 1:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.6	105.7	317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Instrument :

MSVOA_N

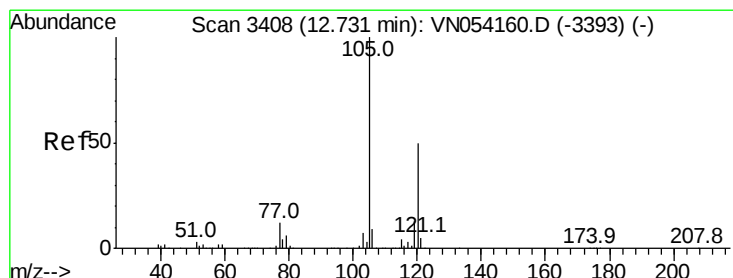
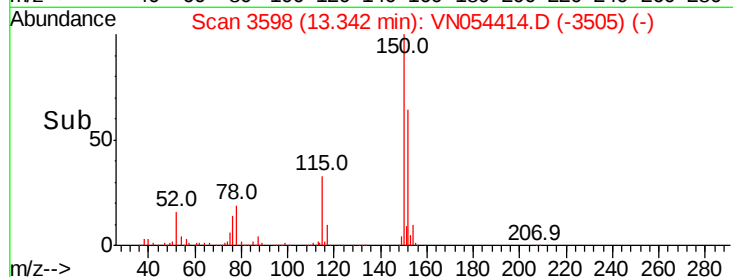
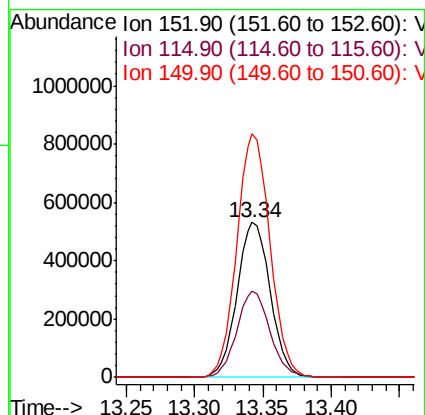
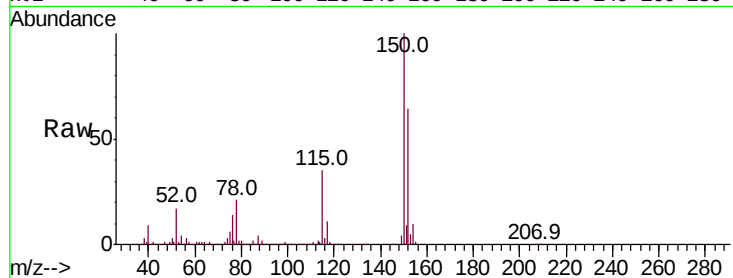
ClientSampleId :

30296-97-30304-05-06

Tot Ion:	152	Resp:	897684
Ion Ratio	Lower	Upper	
152	100		
115	55.8	27.2	81.6
150	157.3	0.0	349.2

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:22:43 AM



#80

1,3,5-Trimethylbenzene

Concen: 2.469 ug/l

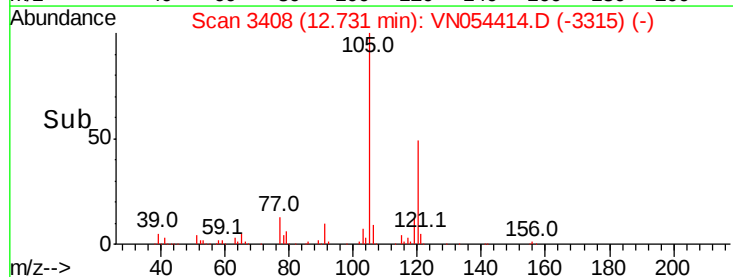
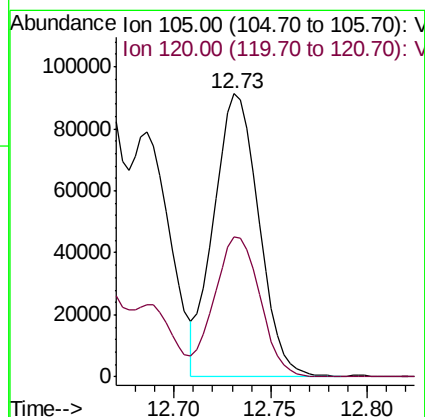
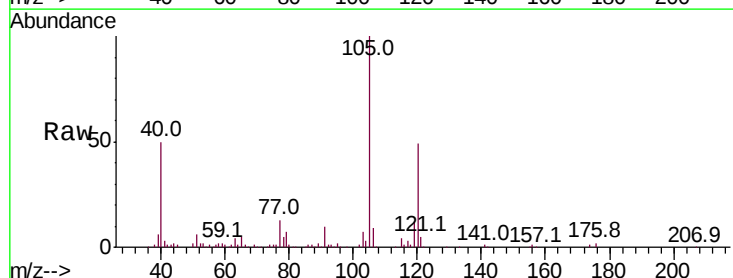
RT: 12.73 min Scan# 3408

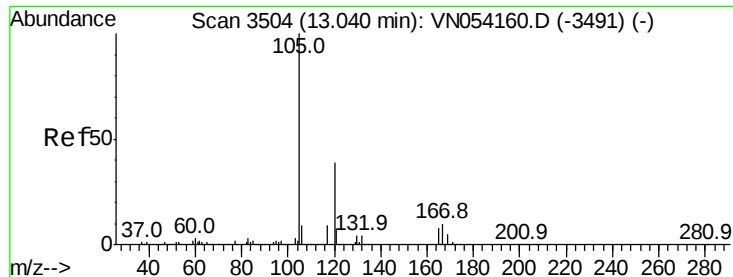
Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Tgt Ion:	105	Resp:	147519
Ion Ratio	Lower	Upper	
105	100		
120	50.4	25.0	75.0





#84

1,2,4-Trimethylbenzene

Concen: 11.385 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

Tot Ion:105 Resp: 667218

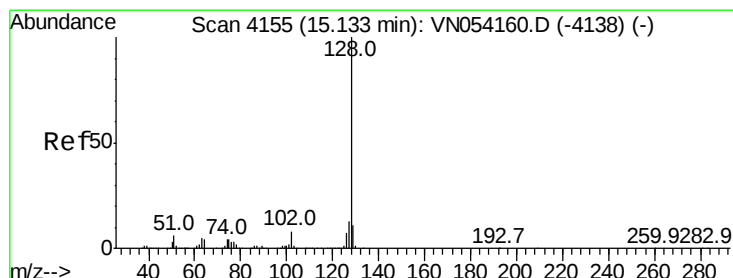
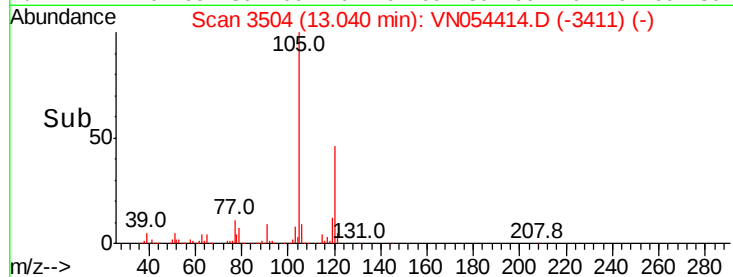
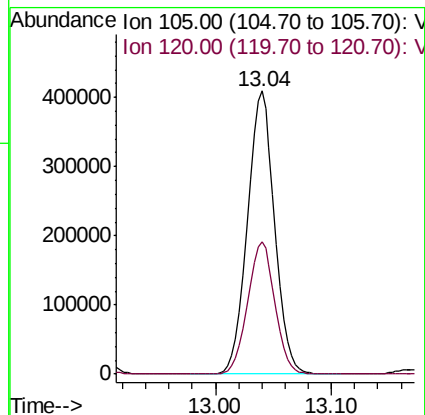
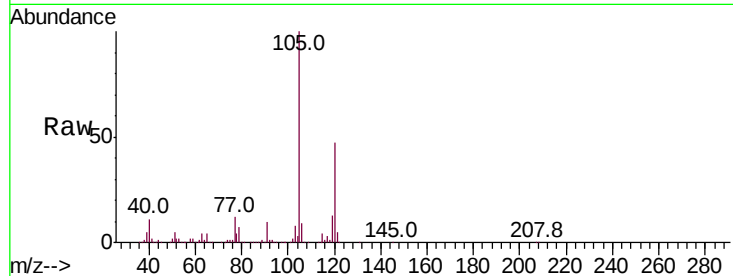
Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.3

Manual Integrations
APPROVED

MMDadoda
3/19/2019 9:22:43 AM



#95

Naphthalene

Concen: 3.699 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054414.D

Acq: 19 Mar 2019 1:23

Tgt Ion:128 Resp: 9696

Ion Ratio Lower Upper

128 100

127 15.6 10.1 15.1#

129 16.7 8.7 13.1#

