

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061035.D
 Acq On : 17 Apr 2020 00:15
 Operator : JC/MD
 Sample : L2299-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

Manual Integrations
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MMDadoda
 4/17/2020 11:53:45 AM

Quant Time: Apr 17 06:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	168656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	287771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112013	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.56	113	83755	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.08	98	359890	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
62) 4-Bromofluorobenzene	12.39	95	140521	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.72	59	41703	108.925	ug/l #	89
16) Acetone	3.77	43	98561	103.773	ug/l	99
18) Methyl Acetate	4.28	43	60603	20.348	ug/l	100
25) 2-Butanone	6.80	43	144445	99.247	ug/l	98
37) Ethyl Acetate	6.89	43	22379	6.940	ug/l	99
52) Toluene	10.14	92	4371	0.827	ug/l	100
68) m/p-Xylenes	11.61	106	3198	0.826	ug/l	93
80) 1,3,5-Trimethylbenzene	12.72	105	2218	0.263	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	23904m	2.863	ug/l	
95) Naphthalene	15.13	128	13757	1.964	ug/l #	85

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

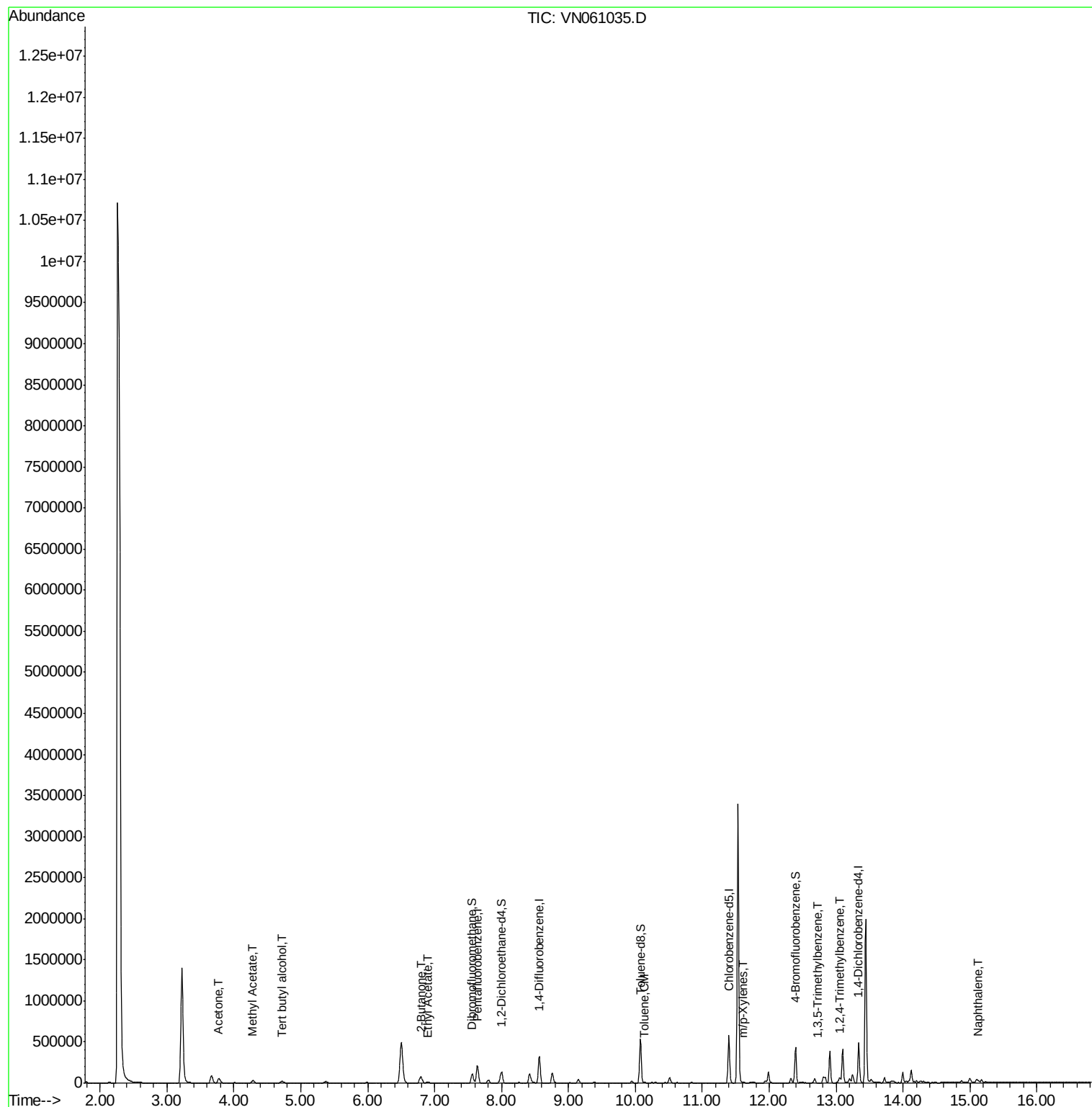
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061035.D
Acq On : 17 Apr 2020 00:15
Operator : JC/MD
Sample : L2299-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

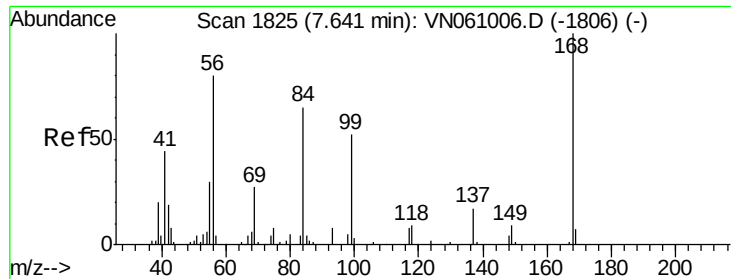
Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

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4/17/2020 11:53:45 AM

Quant Time: Apr 17 06:37:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

Tot Ion:168 Resp: 168656

Ion Ratio Lower Upper

168 100

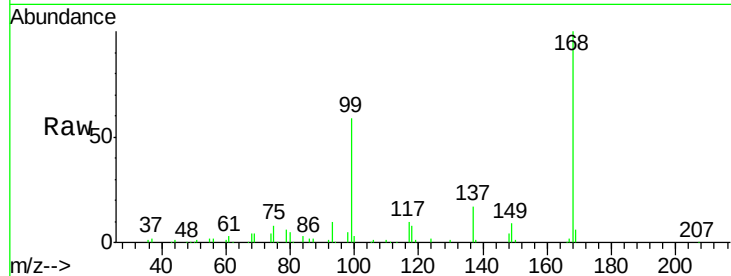
99 59.0 47.4 71.2

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Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

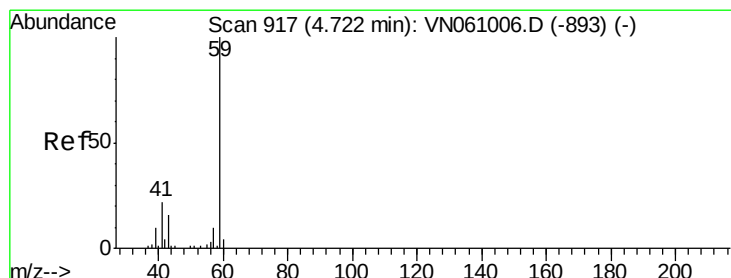
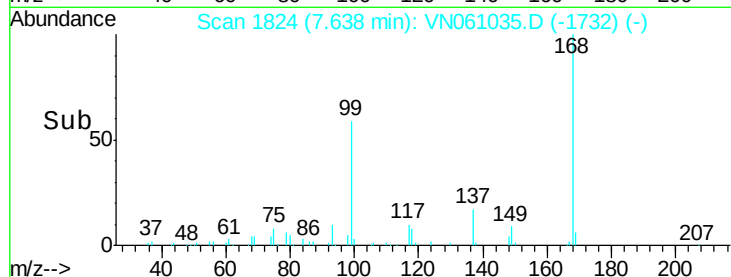
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#11

Tert butyl alcohol

Concen: 108.925 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.00 min

Lab File: VN061035.D

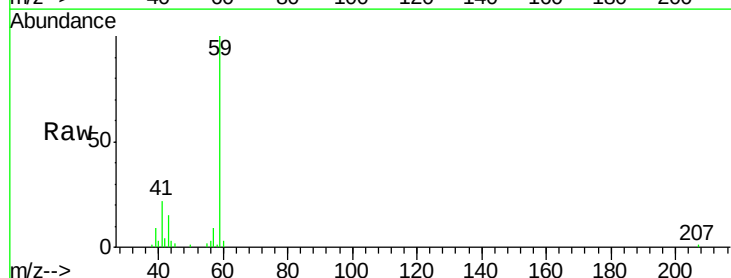
Acq: 17 Apr 2020 00:15

Tgt Ion: 59 Resp: 41703

Ion Ratio Lower Upper

59 100

57 5.9 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN061006.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN061006.D (-893) (-)

4.72

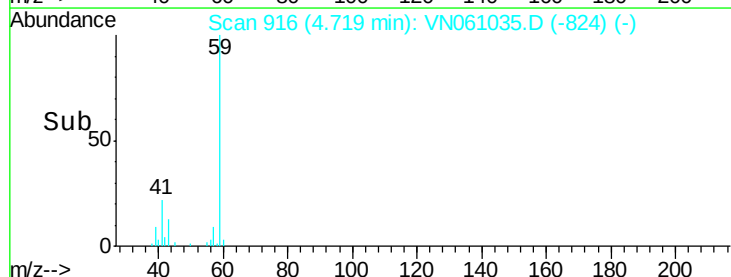
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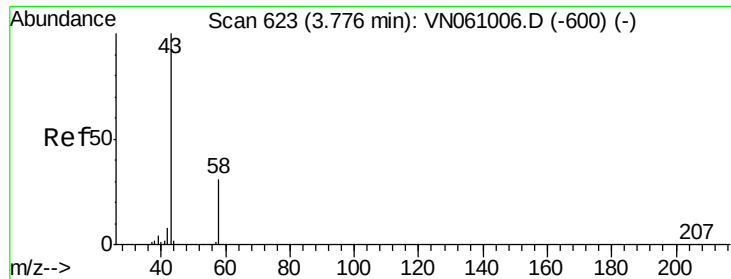
5000

0

4.60 4.70 4.80

Time-->





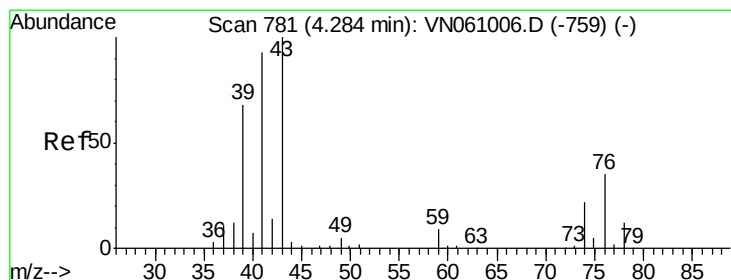
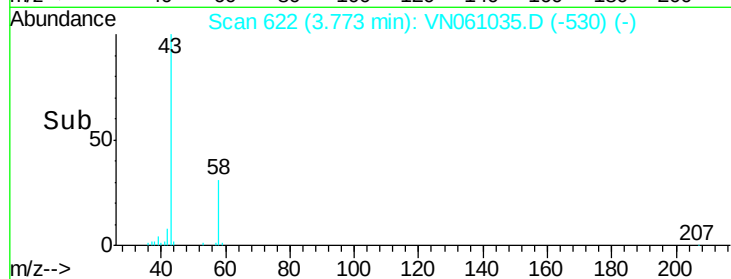
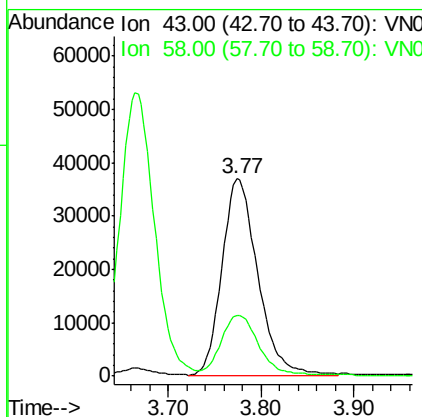
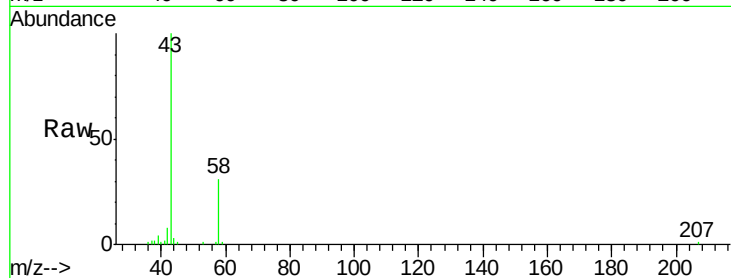
#16
Acetone
Concen: 103.773 ug/l
RT: 3.77 min Scan# 622
Delta R.T. -0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion: 43 Resp: 98561
Ion Ratio Lower Upper
43 100
58 30.1 24.6 37.0

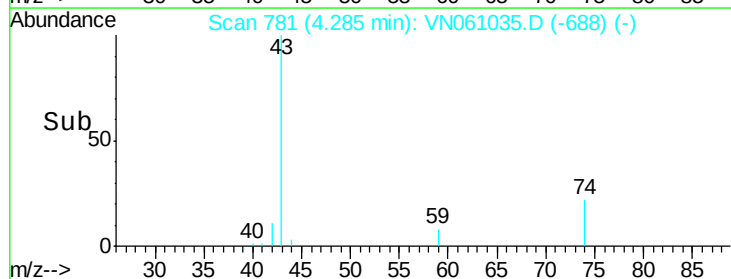
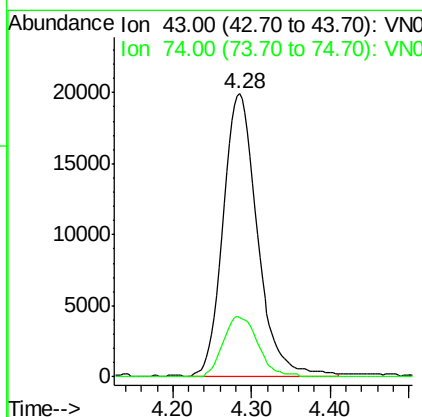
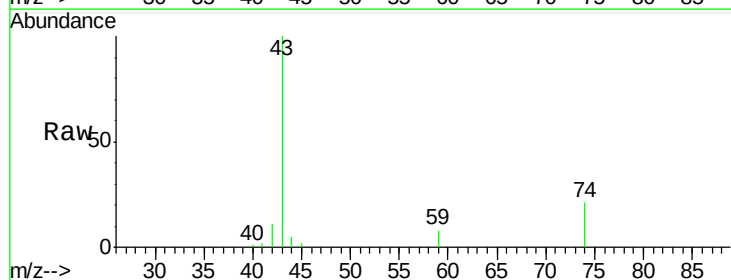
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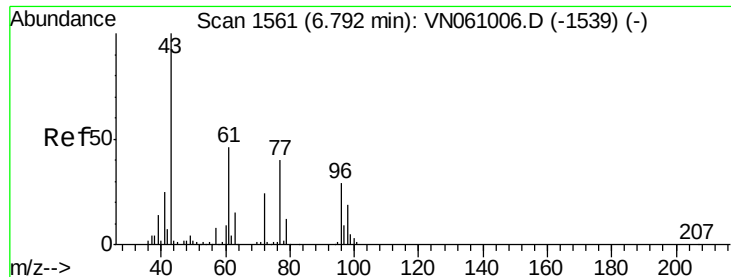
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#18
Methyl Acetate
Concen: 20.348 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion: 43 Resp: 60603
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.0





#25

2-Butanone

Concen: 99.247 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

Tot Ion: 43 Resp: 144445

Ion Ratio Lower Upper

43 100

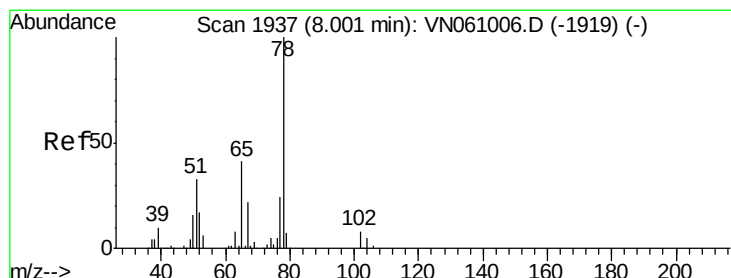
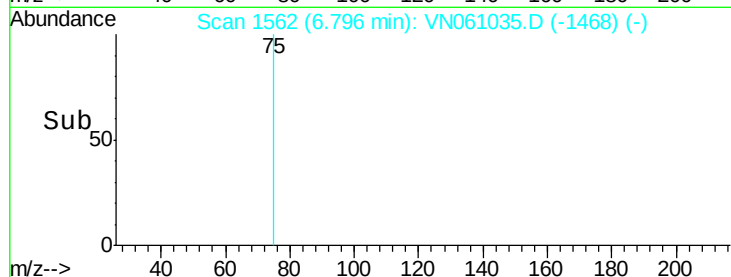
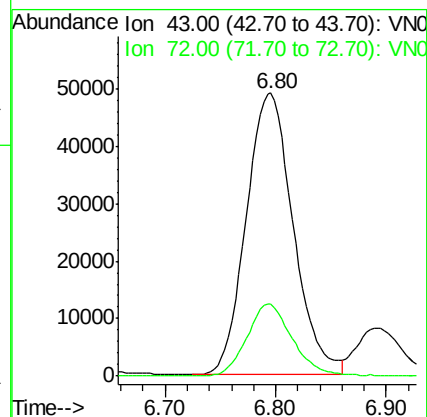
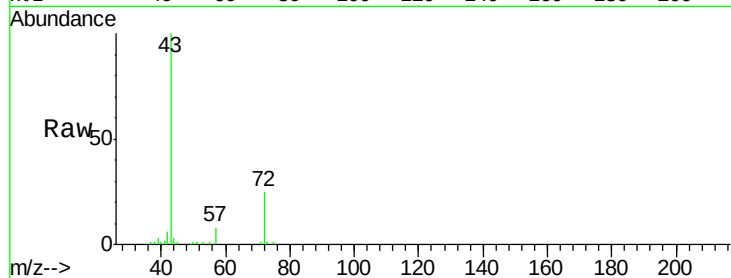
72 25.4 19.6 29.4

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#33

1,2-Dichloroethane-d4

Concen: 51.910 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061035.D

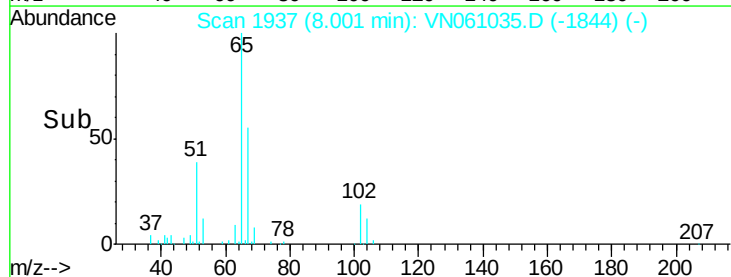
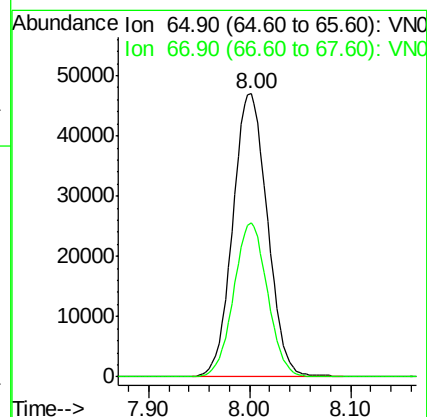
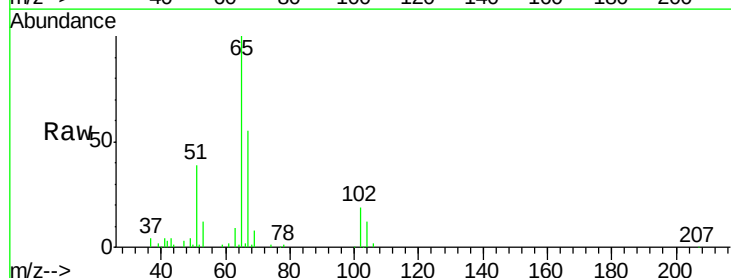
Acq: 17 Apr 2020 00:15

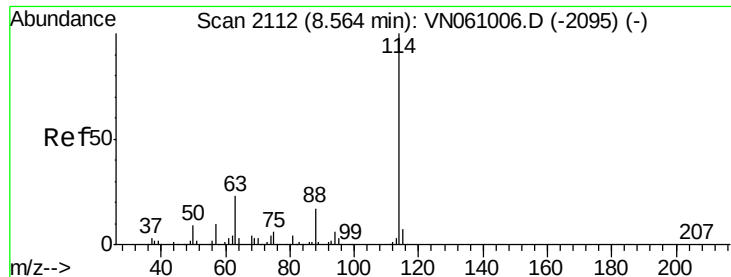
Tgt Ion: 65 Resp: 112013

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.0





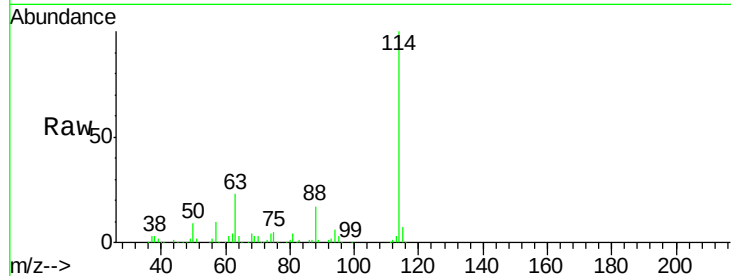
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.8	0.0	46.2
88	16.5	0.0	33.4

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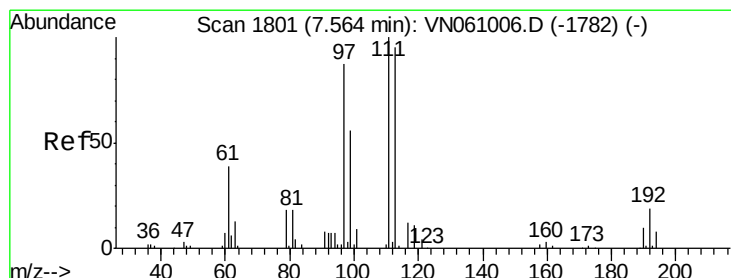
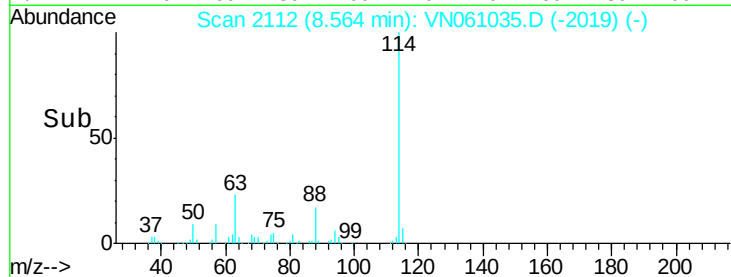
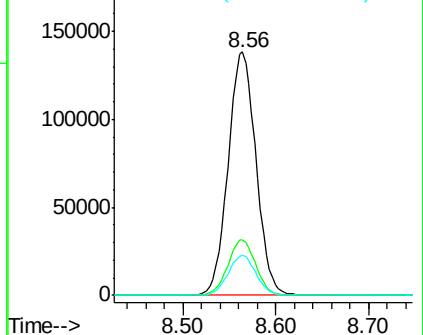
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Abundance Ion 113.90 (113.60 to 114.60): V

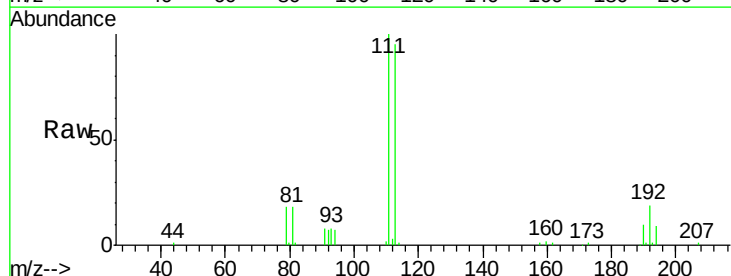
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.838 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

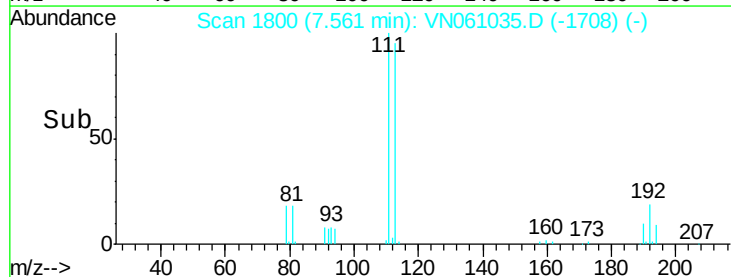
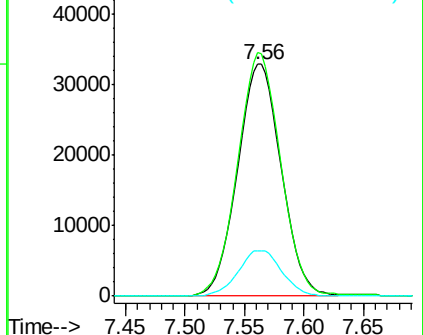
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.5	15.5	23.3

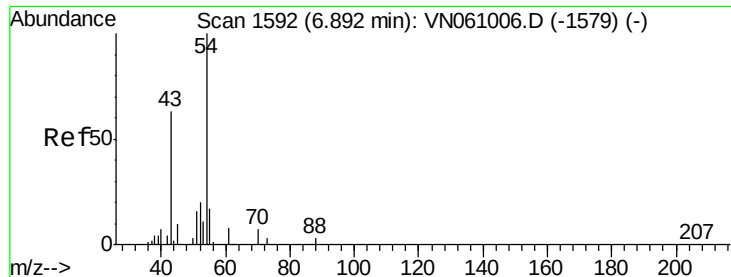


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





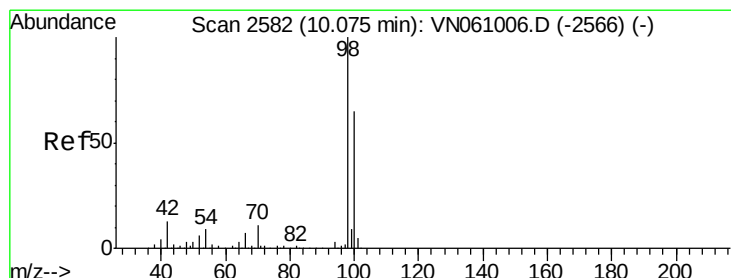
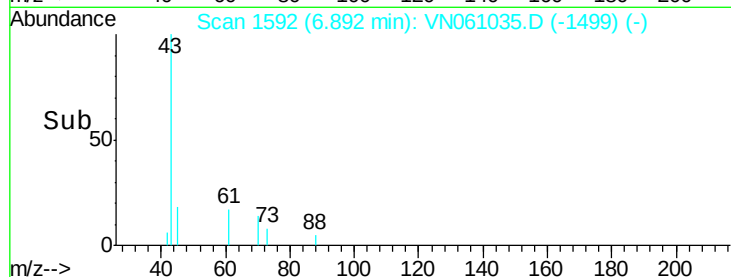
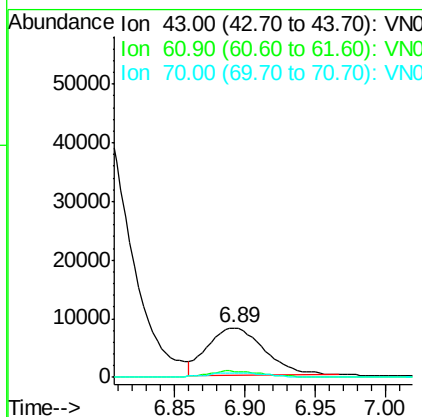
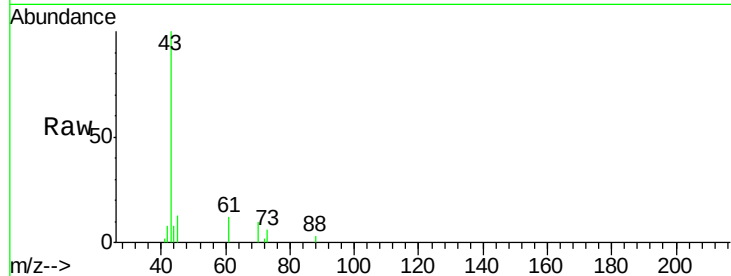
#37
Ethyl Acetate
Concen: 6.940 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.9	16.3
70	10.2	7.7	11.5

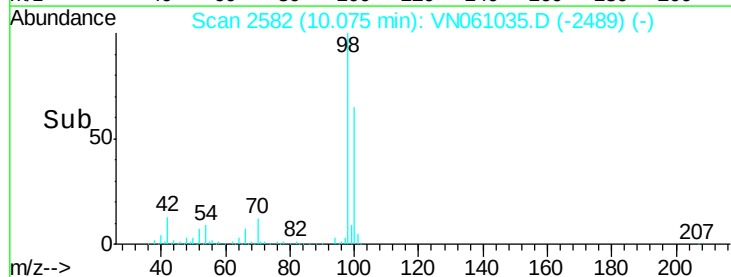
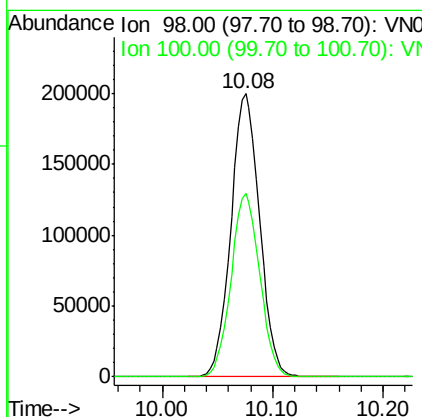
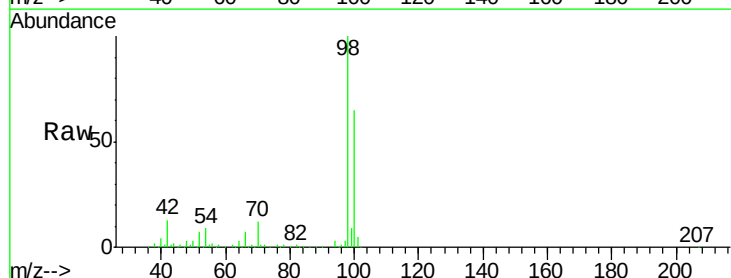
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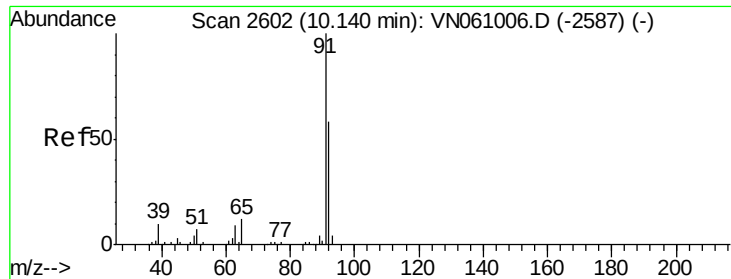
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#50
Toluene-d8
Concen: 56.672 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#52

Toluene

Concen: 0.827 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

Tot Ion: 92 Resp: 4371

Ion Ratio Lower Upper

92 100

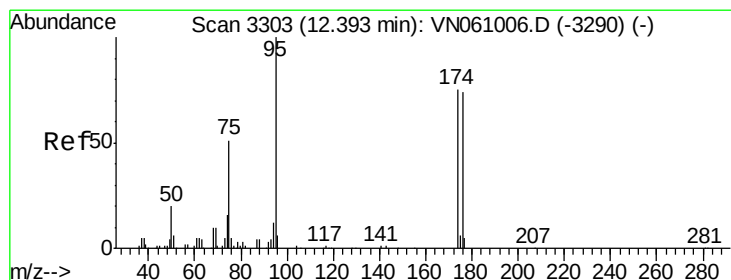
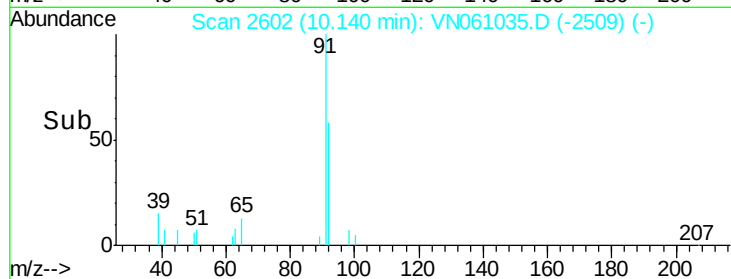
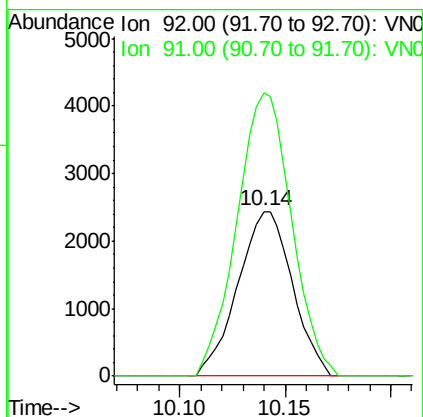
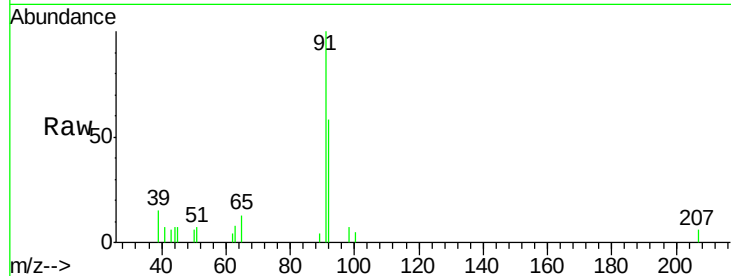
91 172.6 137.7 206.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 56.458 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

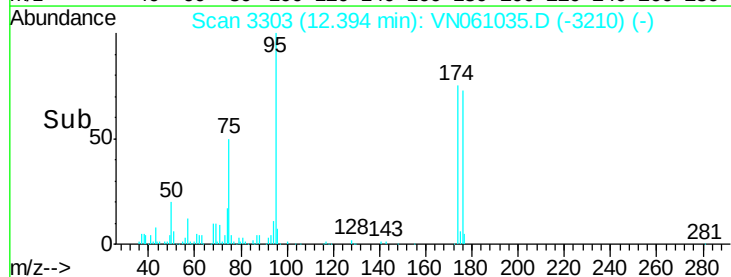
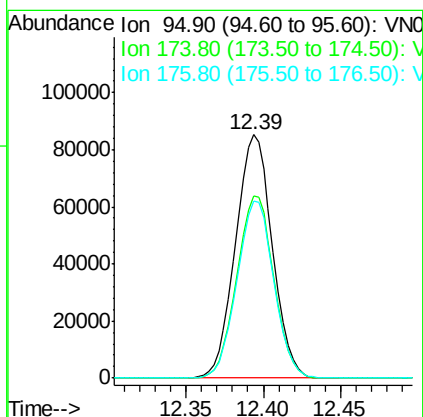
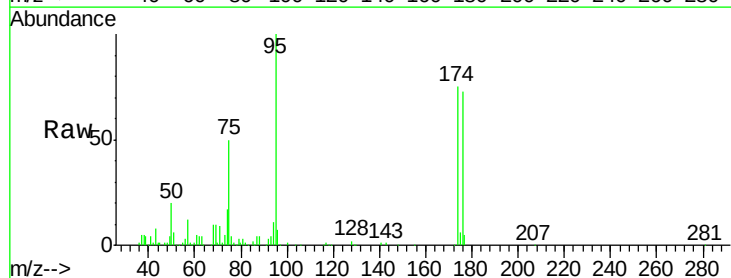
Tgt Ion: 95 Resp: 140521

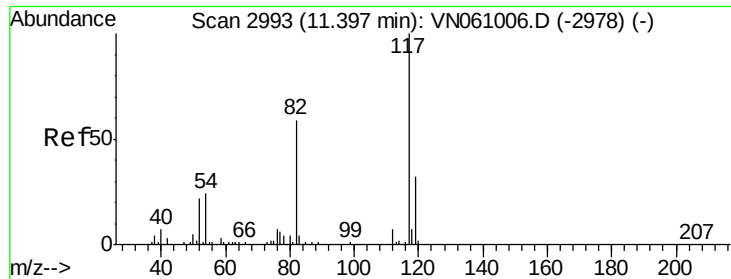
Ion Ratio Lower Upper

95 100

174 75.4 0.0 151.2

176 73.1 0.0 148.2





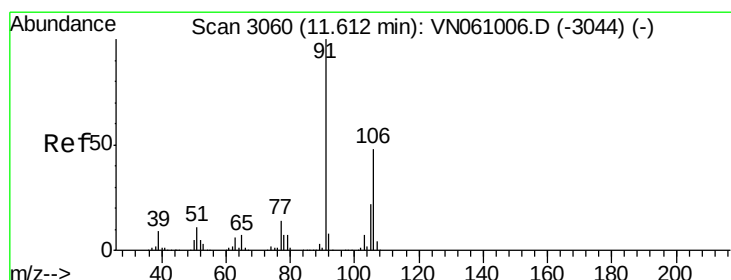
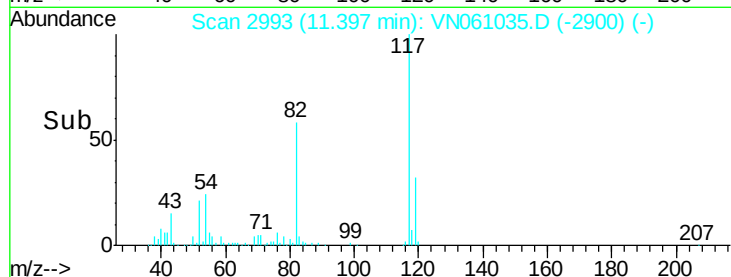
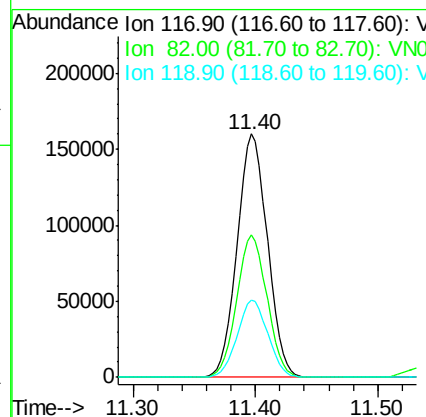
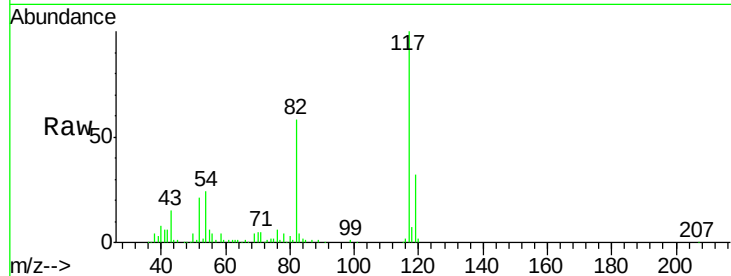
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.1	70.7
119	31.9	25.7	38.5

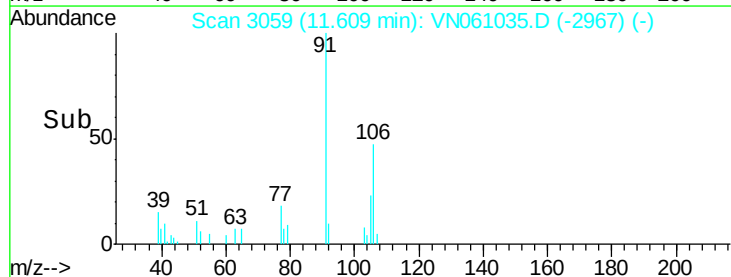
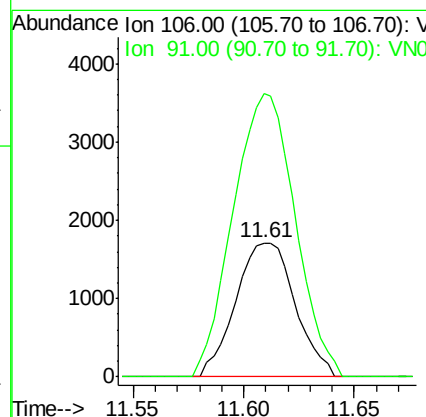
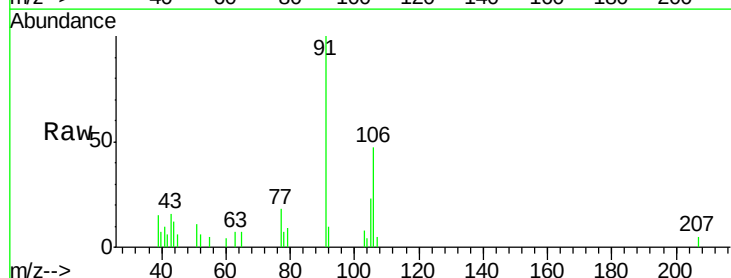
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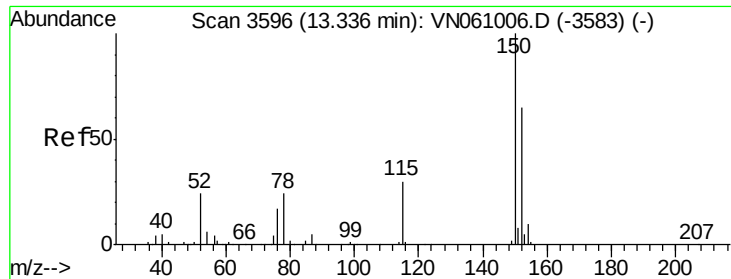
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4/17/2020 11:53:45 AM



#68
m/p-Xylenes
Concen: 0.826 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	220.8	167.9	251.9





#72

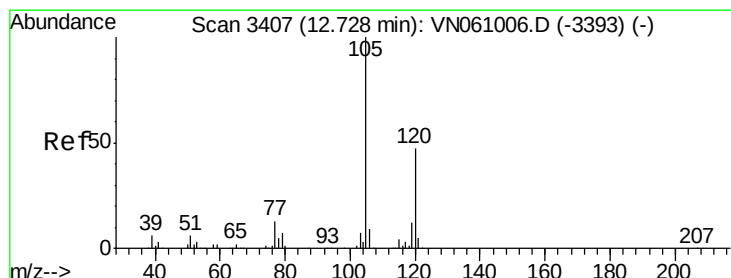
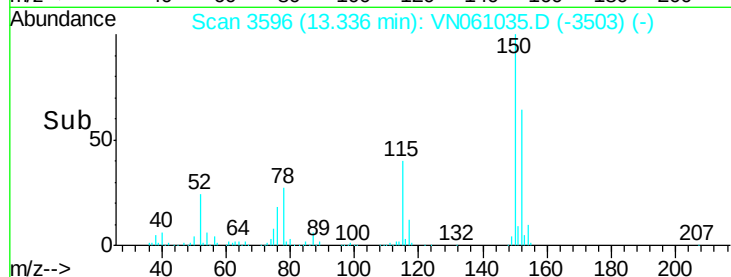
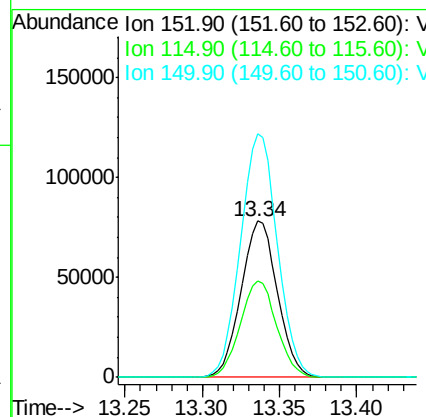
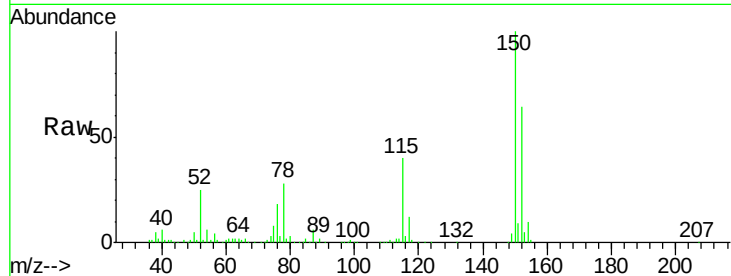
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.8	92.4
150	158.1	0.0	349.0

Manual Integrations
APPROVED

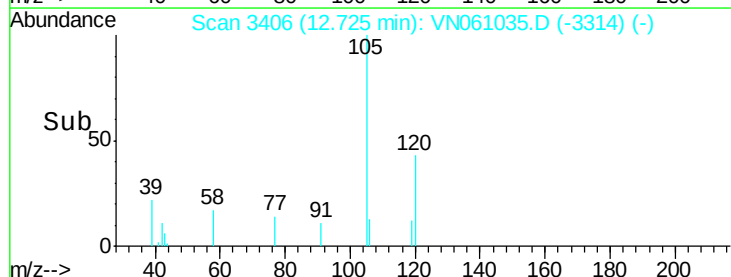
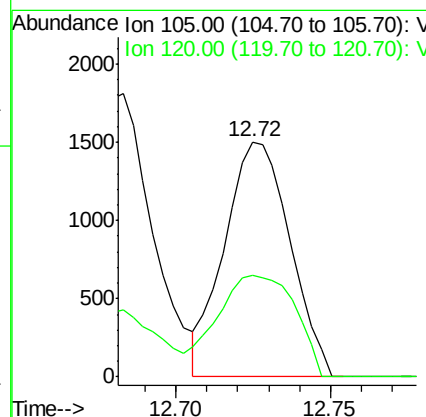
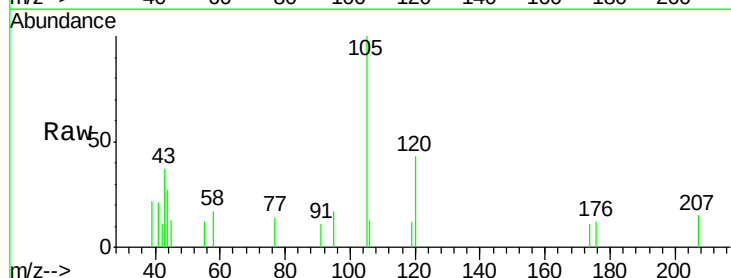
MMDadoda
4/17/2020 11:53:45 AM

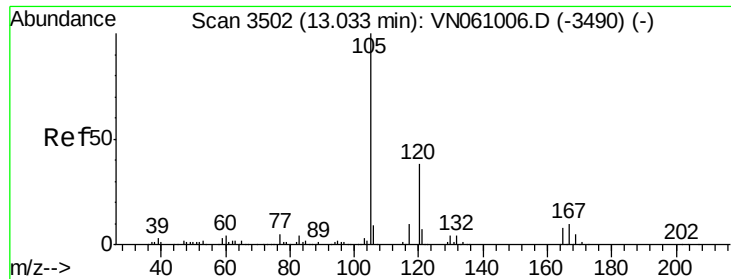


#80

1,3,5-Trimethylbenzene
Concen: 0.263 ug/l
RT: 12.72 min Scan# 3406
Delta R.T. -0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.8	23.6	70.8





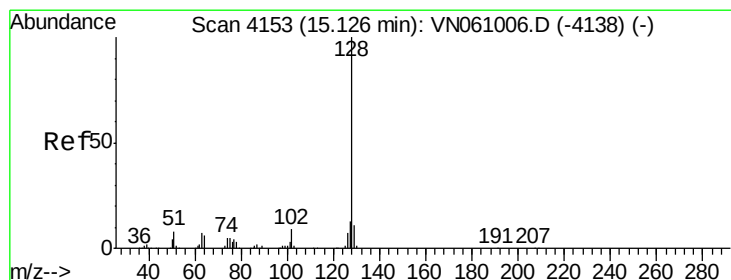
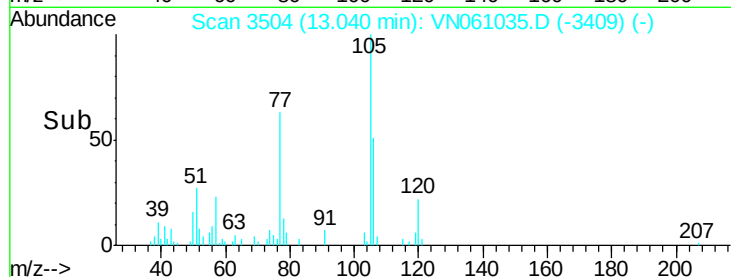
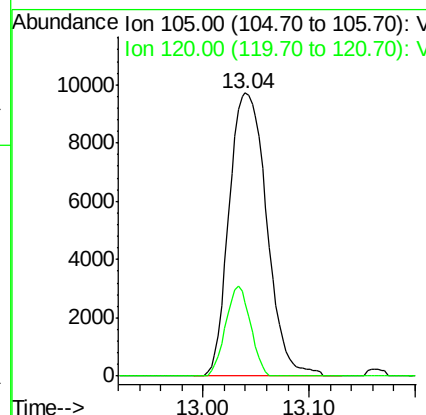
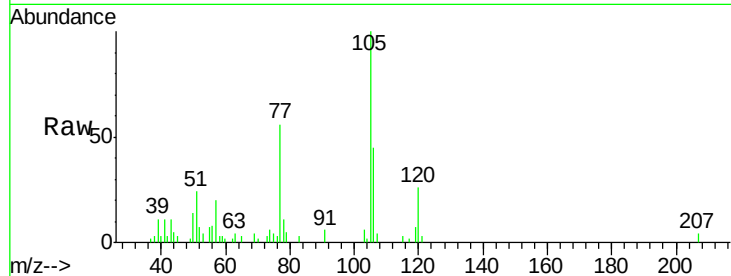
#84
 1,2,4-Trimethylbenzene
 Concen: 2.863 ug/l m
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.01 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

Tot Ion:105 Resp: 23904
 Ion Ratio Lower Upper
 105 100
 120 3.0 22.1 66.5#

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:53:45 AM



#95
 Naphthalene
 Concen: 1.964 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Tgt Ion:128 Resp: 13757
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.4
 129 0.0 8.6 13.0#

