

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015738.D
 Acq On : 17 Apr 2020 15:16
 Operator : JC/SP
 Sample : L2312-01
 Misc : 1.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40693-40720-40531

Manual Integrations
 APPROVED

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 4/20/2020 10:06:31 AM

Quant Time: Apr 20 08:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	918296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1406109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1362103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	766469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	537174	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	
35) Dibromofluoromethane	5.47	113	411909	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	8.70	98	1680698	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	724580	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
Target Compounds						
					Qvalue	
16) Acetone	2.47	43	17918m	3.220	ug/l	
39) Methylcyclohexane	7.43	83	128784	8.621	ug/l	96
52) Toluene	8.77	92	5664655	242.103	ug/l	95
67) Ethyl Benzene	10.24	91	51521	1.069	ug/l	98
68) m/p-Xylenes	10.34	106	59805	3.334	ug/l	97
69) o-Xylene	10.69	106	32957	1.859	ug/l	93
80) 1,3,5-Trimethylbenzene	11.50	105	48776	1.137	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	165148	3.779	ug/l	98
95) Naphthalene	13.82	128	62394	1.102	ug/l #	94

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

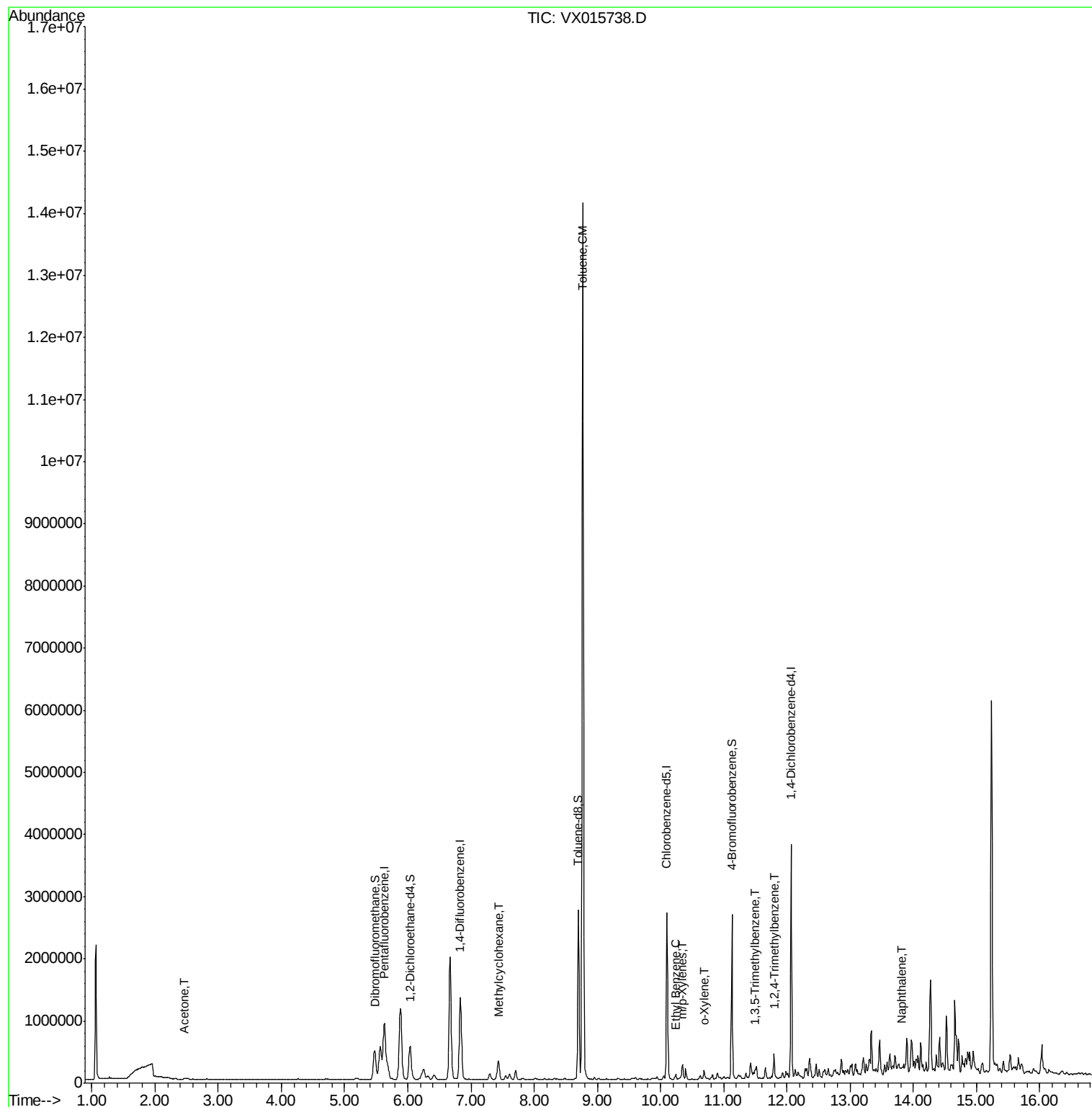
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015738.D
Acq On : 17 Apr 2020 15:16
Operator : JC/SP
Sample : L2312-01
Misc : 1.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

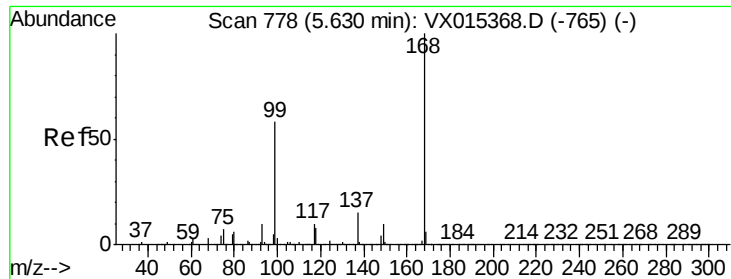
Instrument :
MSVOA_X
ClientSampleId :
40693-40720-40531

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Quant Time: Apr 20 08:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

40693-40720-40531

Tot Ion:168 Resp: 918296

Ion Ratio Lower Upper

168 100

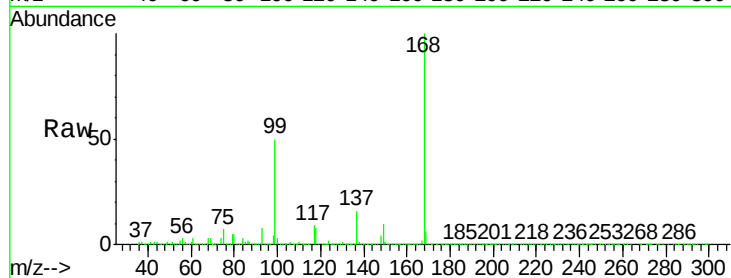
99 50.0 46.4 69.6

Manual Integrations

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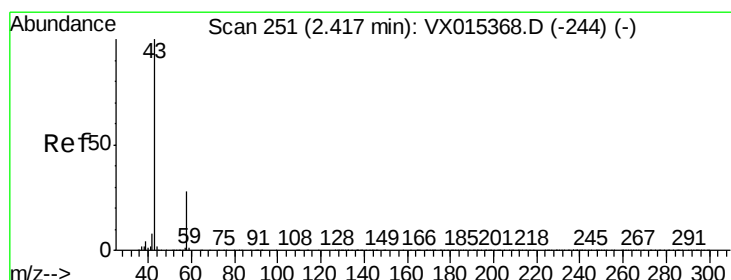
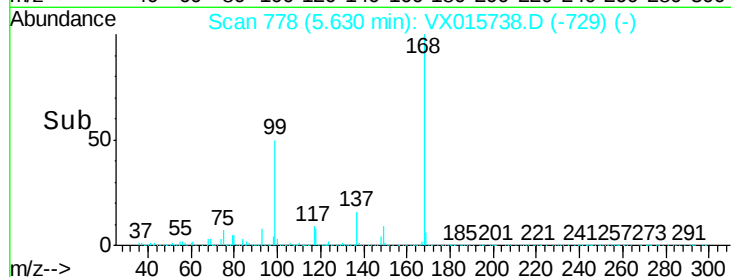
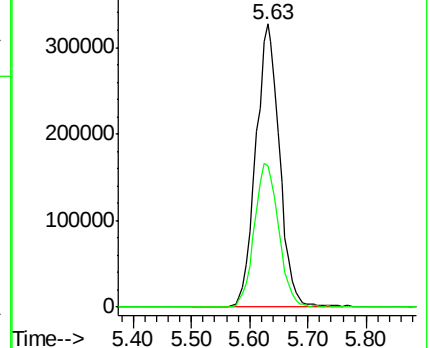
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.220 ug/l m

RT: 2.47 min Scan# 260

Delta R.T. 0.05 min

Lab File: VX015738.D

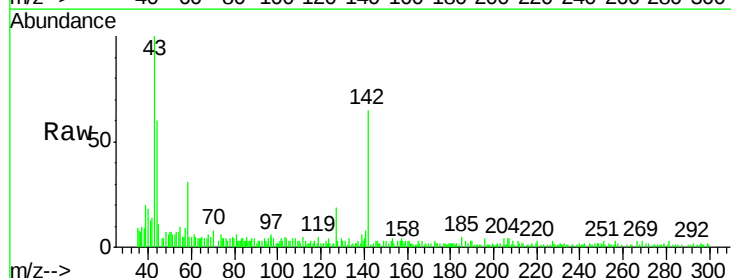
Acq: 17 Apr 2020 15:16

Tgt Ion: 43 Resp: 17918

Ion Ratio Lower Upper

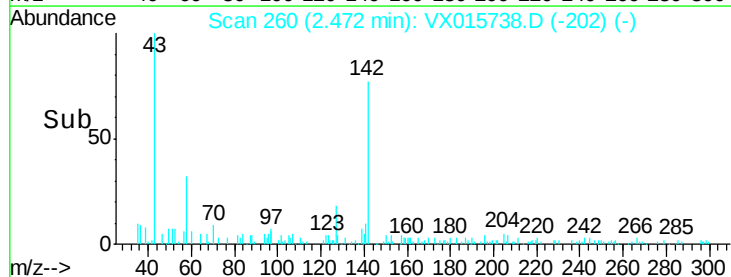
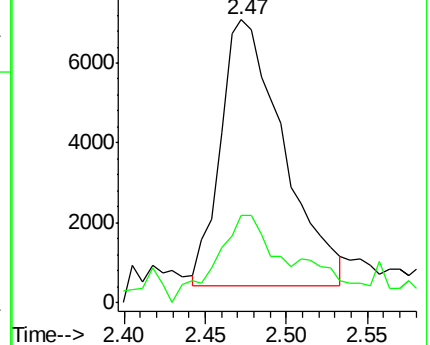
43 100

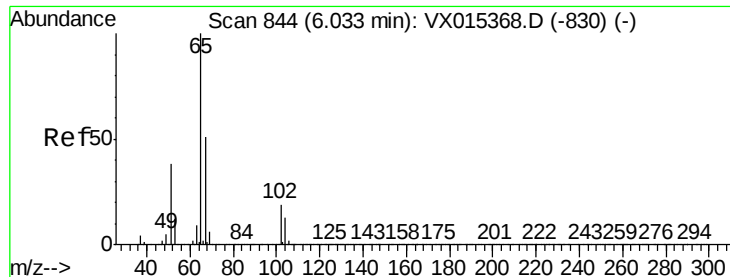
58 30.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.476 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

40693-40720-40531

Tot Ion: 65 Resp: 537174

Ion Ratio Lower Upper

65 100

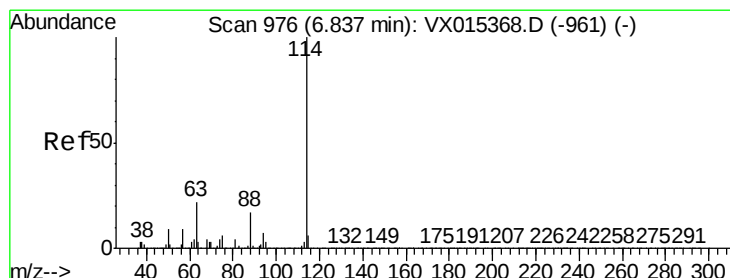
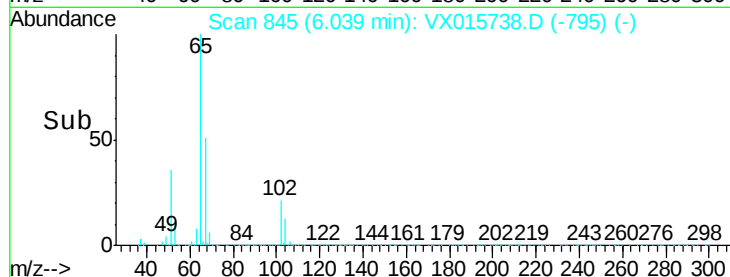
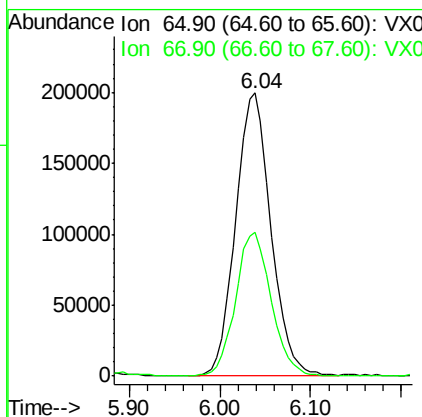
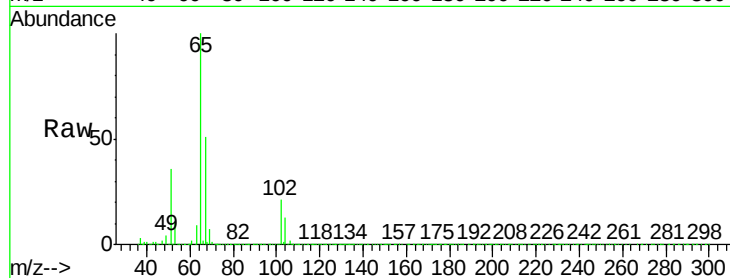
67 50.8 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

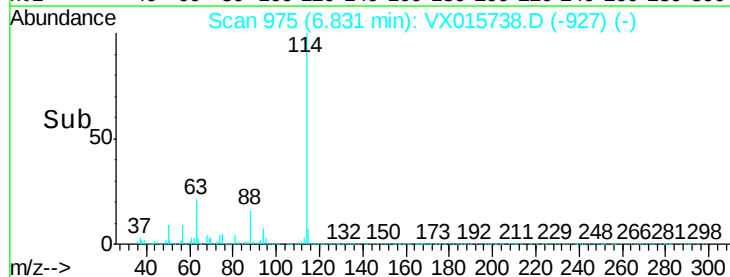
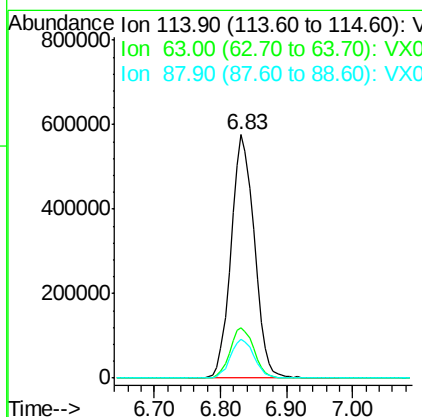
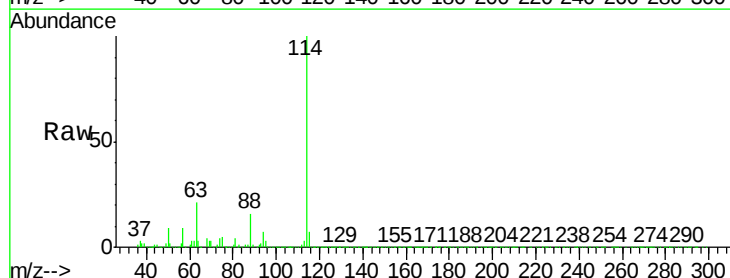
Tgt Ion: 114 Resp: 1406109

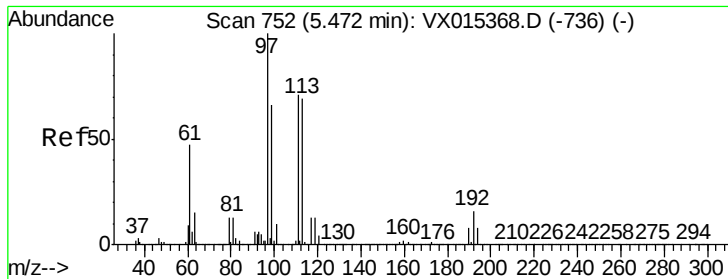
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 15.8 0.0 33.8





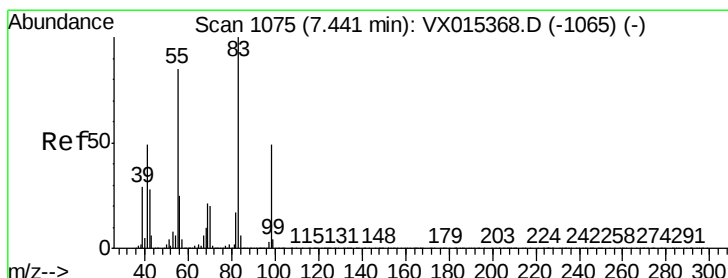
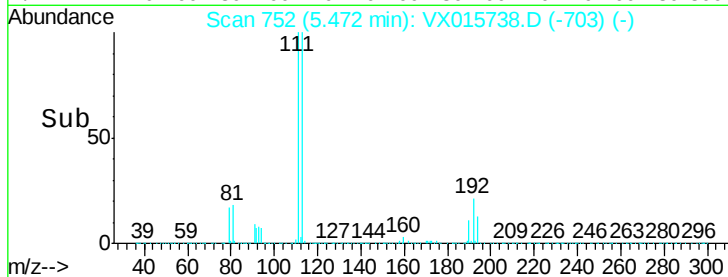
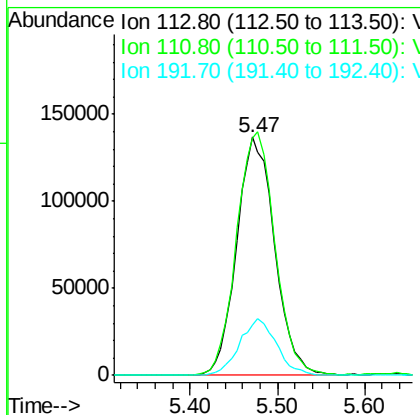
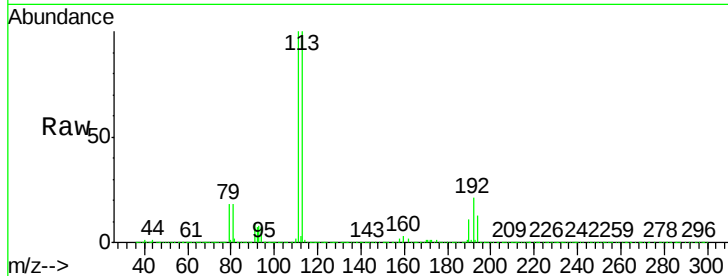
#35
Dibromofluoromethane
Concen: 45.828 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
40693-40720-40531

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	23.5	17.8	26.6

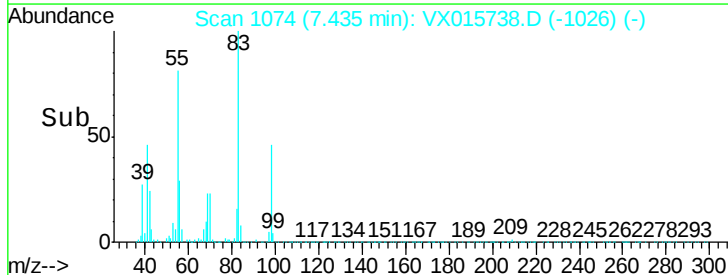
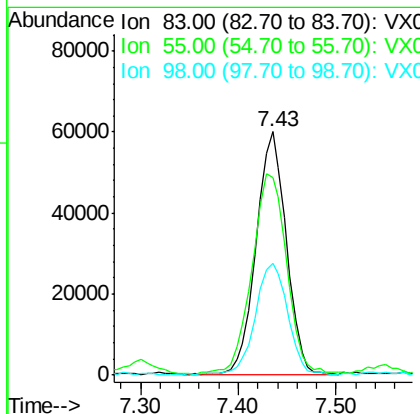
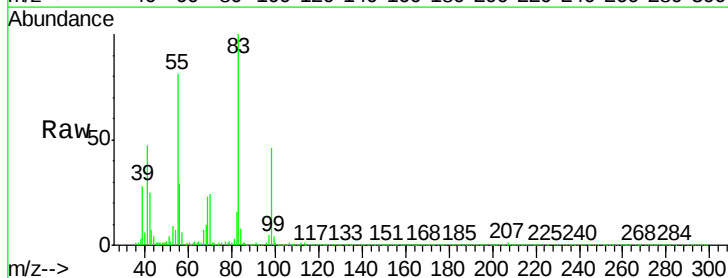
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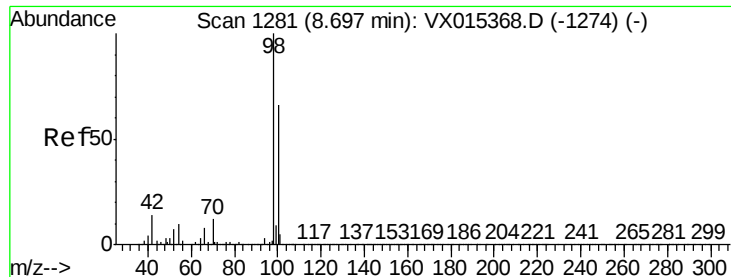
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#39
Methylcyclohexane
Concen: 8.621 ug/l
RT: 7.43 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.0	67.8	101.6
98	45.6	39.3	58.9





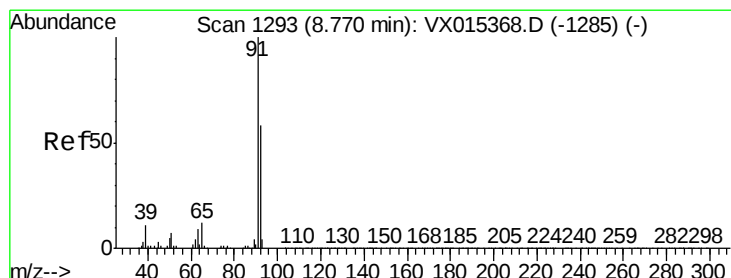
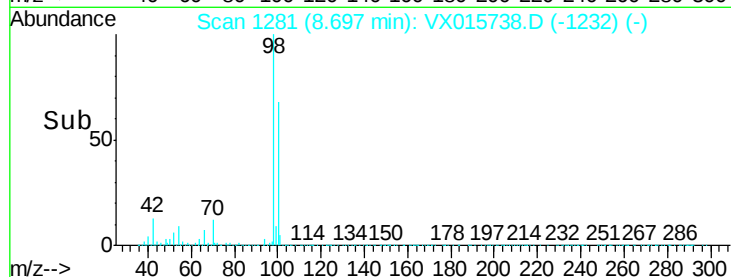
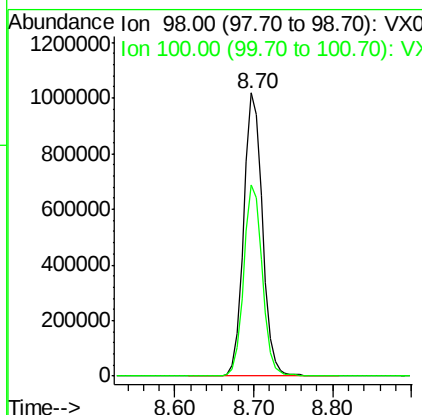
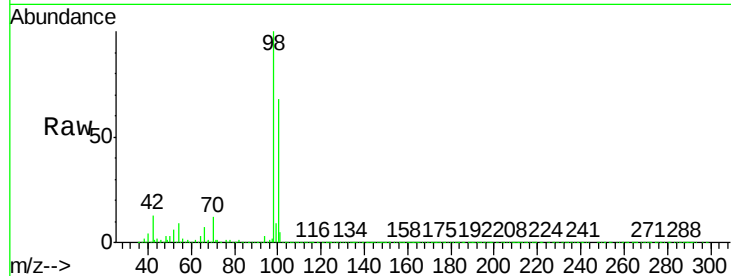
#50
Toluene-d8
Concen: 50.788 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
40693-40720-40531

Tot Ion: 98 Resp: 1680698
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3

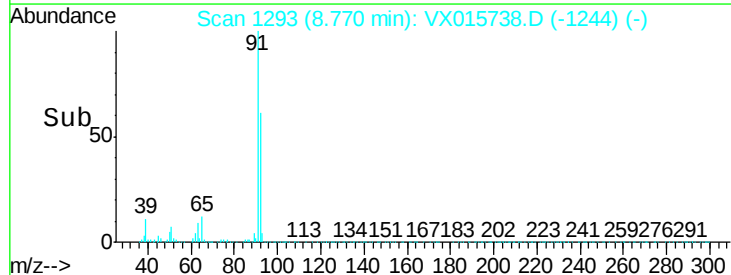
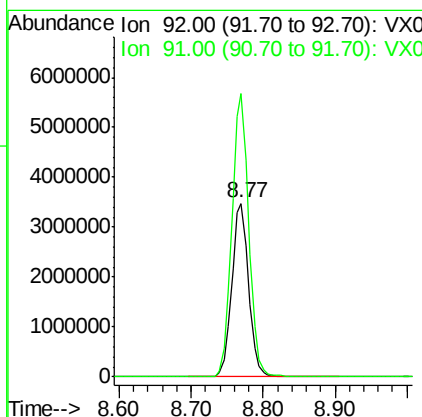
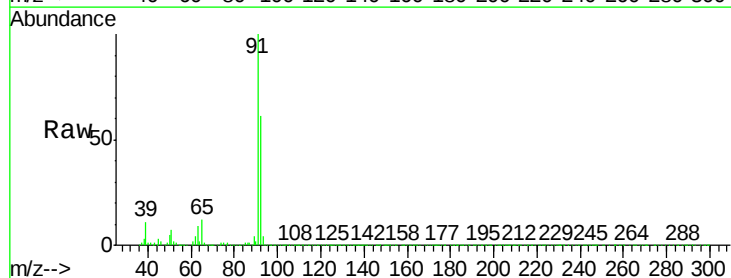
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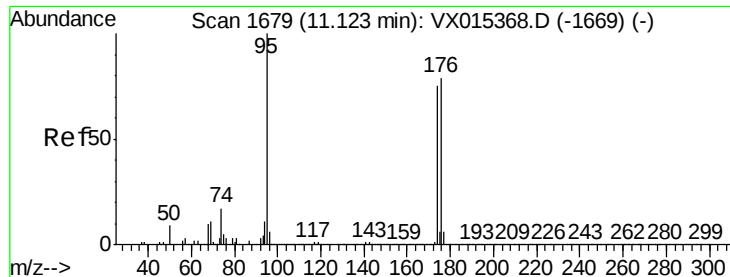
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#52
Toluene
Concen: 242.103 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Tgt Ion: 92 Resp: 5664655
Ion Ratio Lower Upper
92 100
91 164.1 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 53.877 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

Instrument :

MSVOA_X

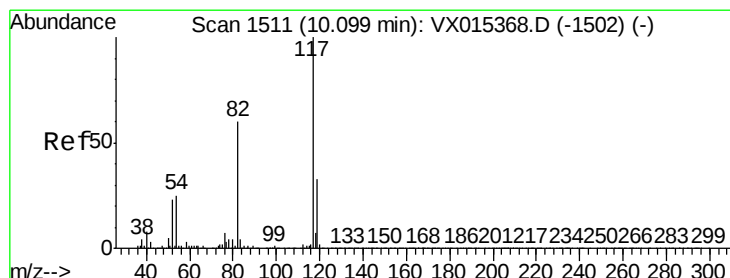
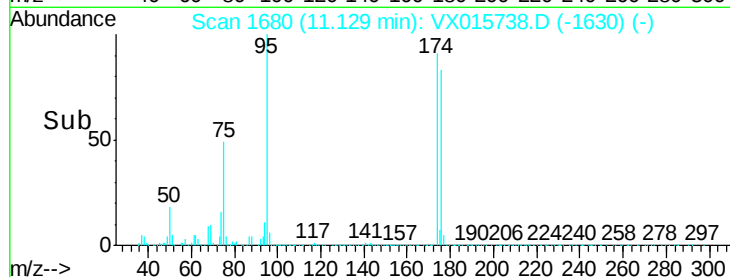
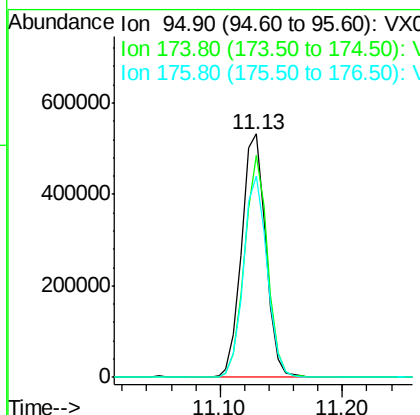
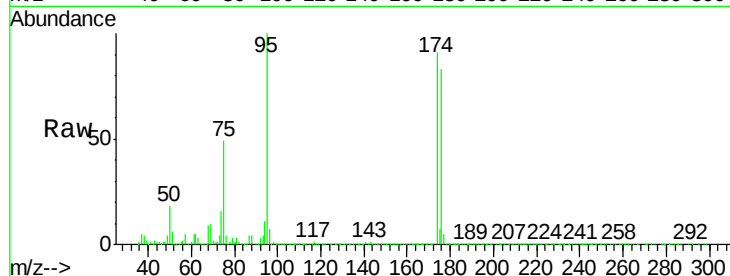
ClientSampleId :

40693-40720-40531

Tot Ion:	95	Resp:	724580
Ion Ratio	Lower	Upper	
95	100		
174	87.6	0.0	158.6
176	81.3	0.0	159.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

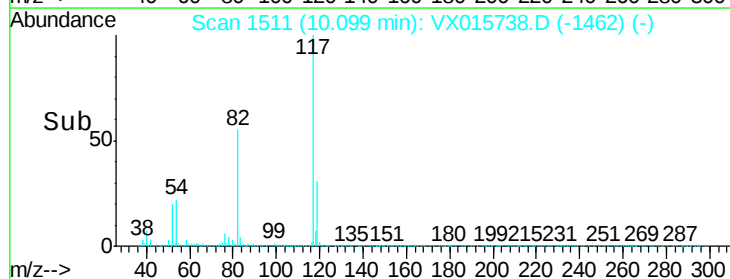
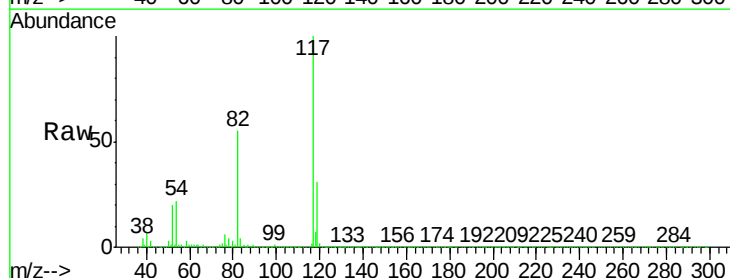
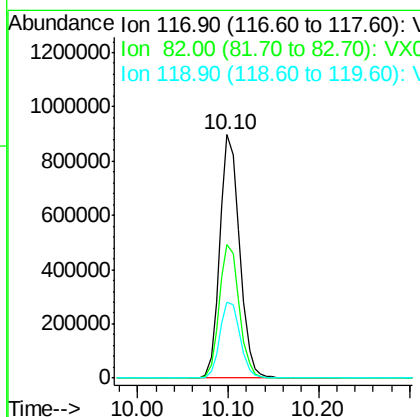
RT: 10.10 min Scan# 1511

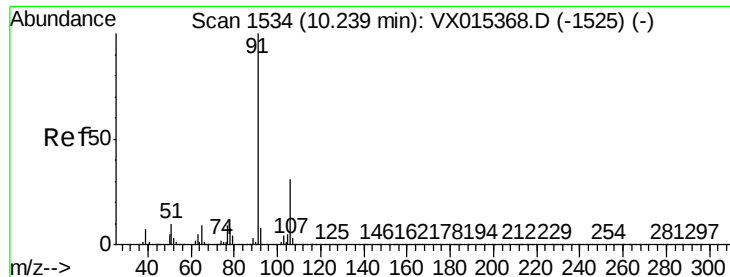
Delta R.T. 0.00 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

Tgt Ion:	117	Resp:	1362103
Ion Ratio	Lower	Upper	
117	100		
82	54.8	47.8	71.8
119	31.3	26.8	40.2





#67

Ethyl Benzene

Concen: 1.069 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015738.D

Acq: 17 Apr 2020 15:16

Instrument :

MSVOA_X

ClientSampleId :

40693-40720-40531

Tot Ion: 91 Resp: 51521

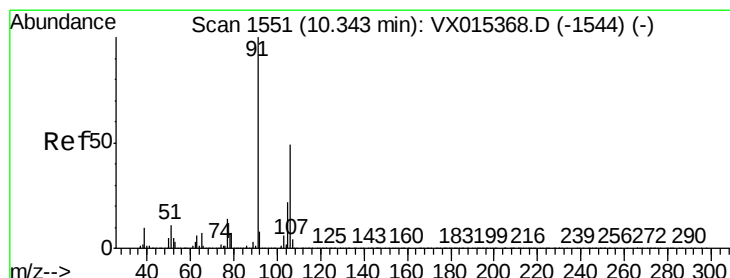
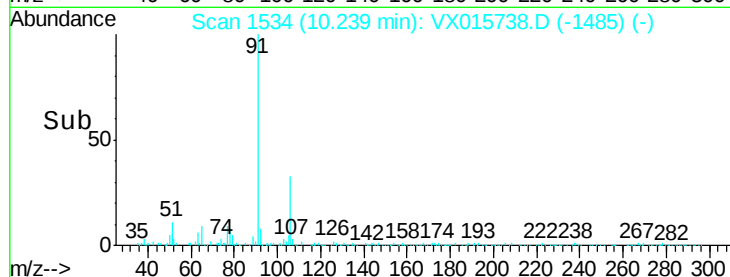
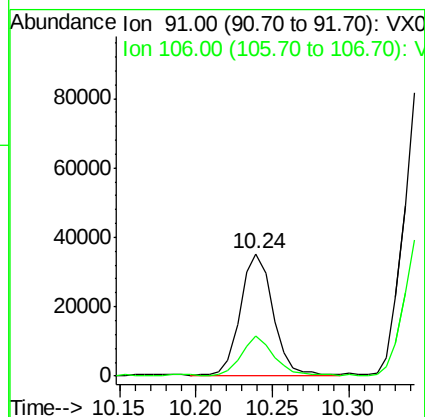
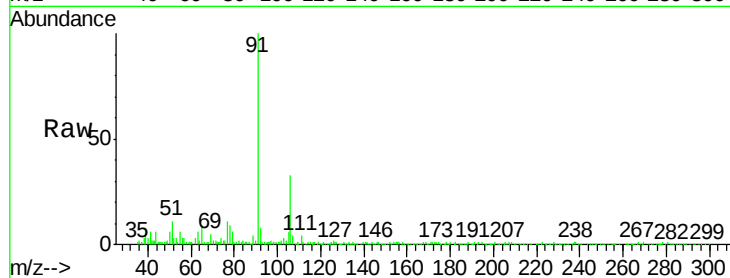
Ion Ratio Lower Upper

91 100

106 32.3 24.8 37.2

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#68

m/p-Xylenes

Concen: 3.334 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015738.D

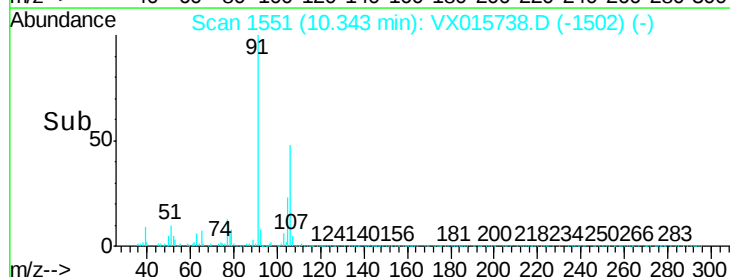
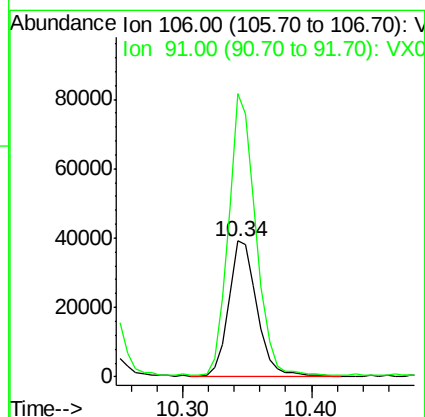
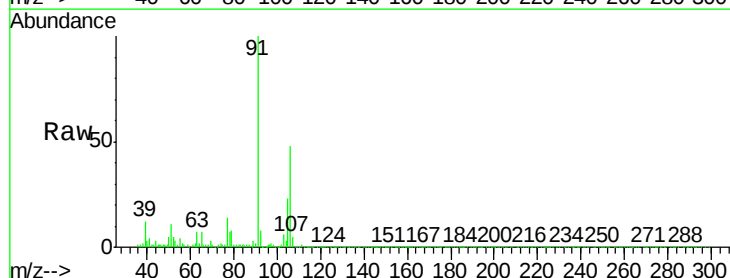
Acq: 17 Apr 2020 15:16

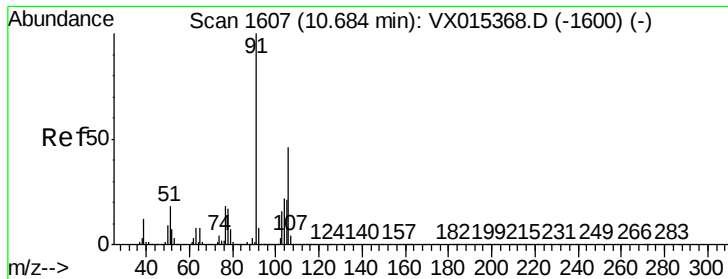
Tgt Ion: 106 Resp: 59805

Ion Ratio Lower Upper

106 100

91 199.8 163.4 245.0





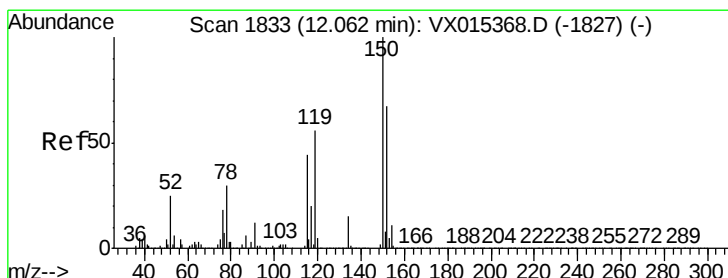
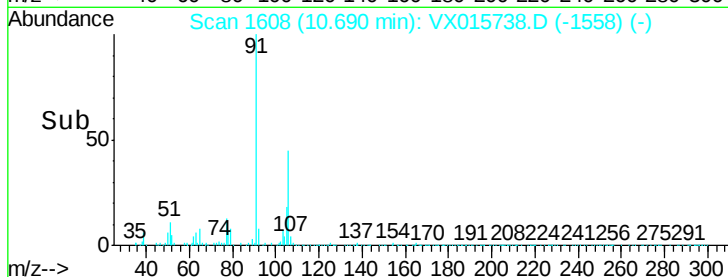
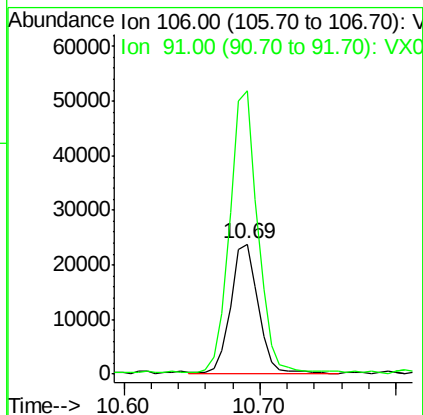
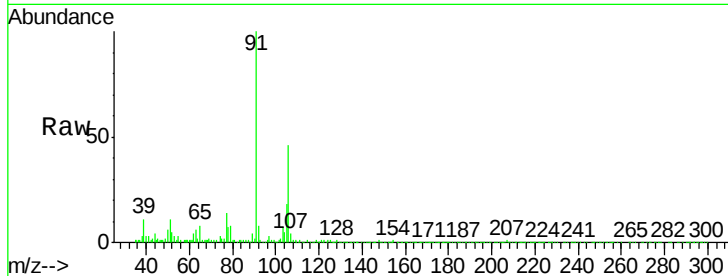
#69
o-Xylene
Concen: 1.859 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
40693-40720-40531

Tot Ion:106 Resp: 32957
Ion Ratio Lower Upper
106 100
91 224.8 107.1 321.3

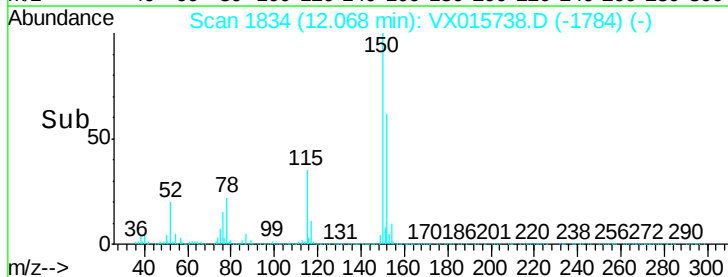
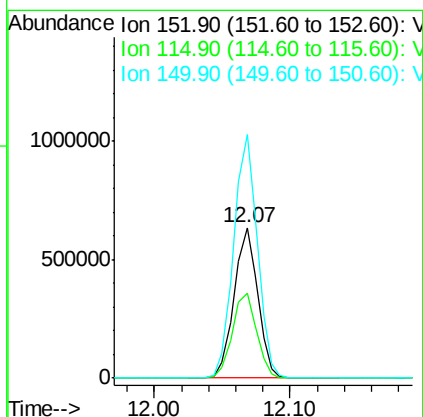
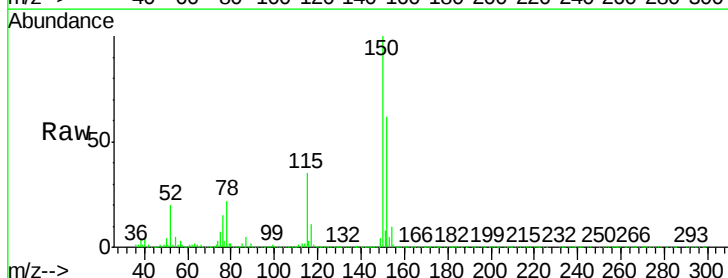
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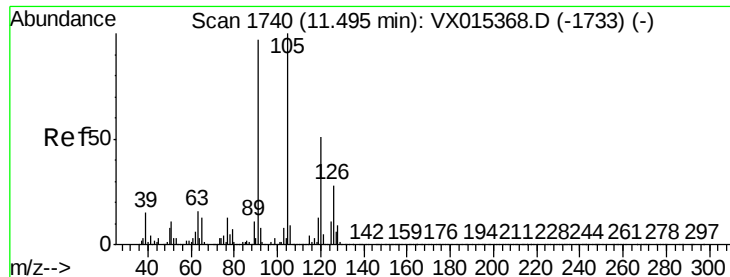
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4/20/2020 10:06:31 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Tgt Ion:152 Resp: 766469
Ion Ratio Lower Upper
152 100
115 58.2 39.0 116.9
150 162.7 0.0 340.8





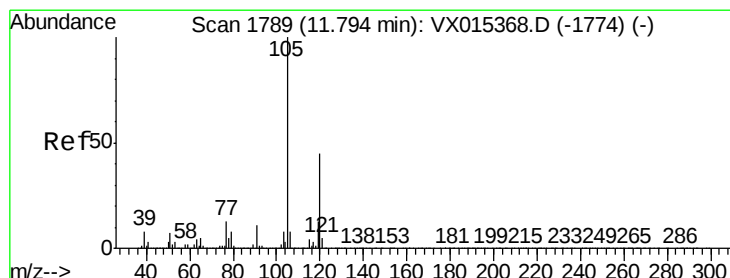
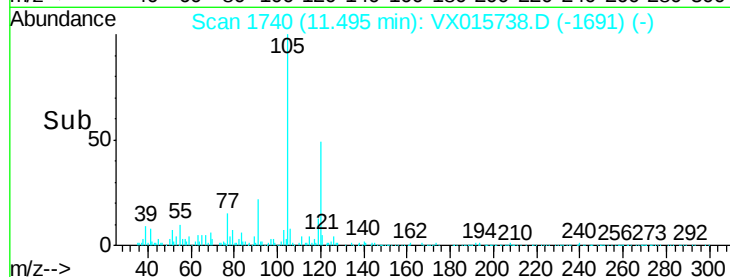
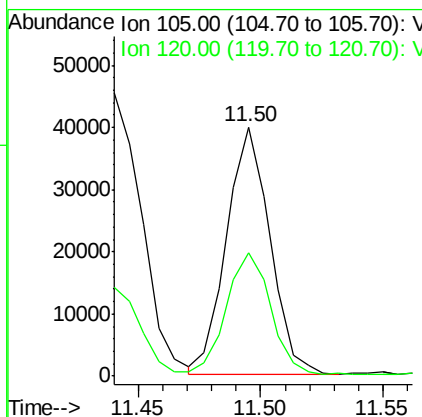
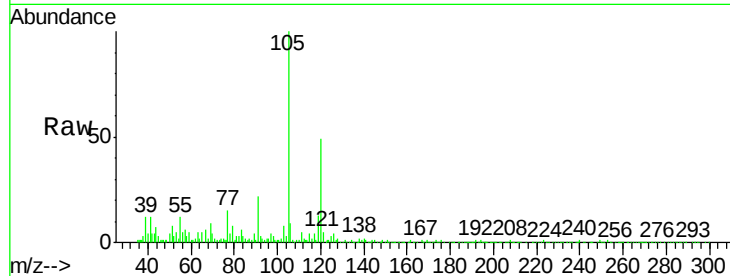
#80
 1,3,5-Trimethylbenzene
 Concen: 1.137 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015738.D
 Acq: 17 Apr 2020 15:16

Instrument :
 MSVOA_X
 ClientSampleId :
 40693-40720-40531

Tot Ion:105 Resp: 48776
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.8 74.4

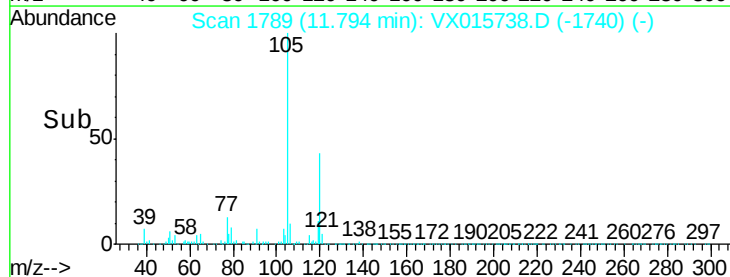
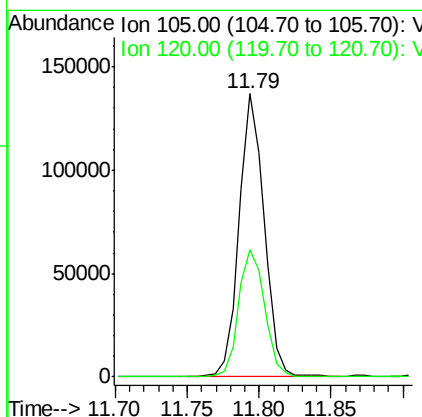
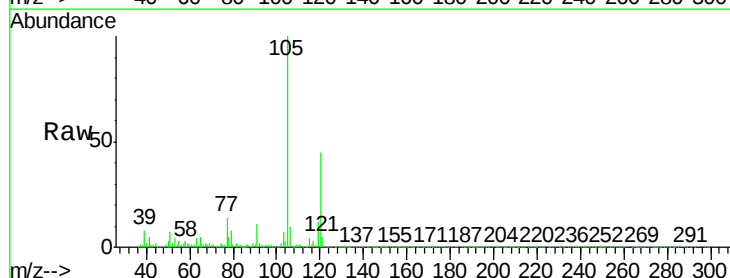
Manual Integrations
 APPROVED

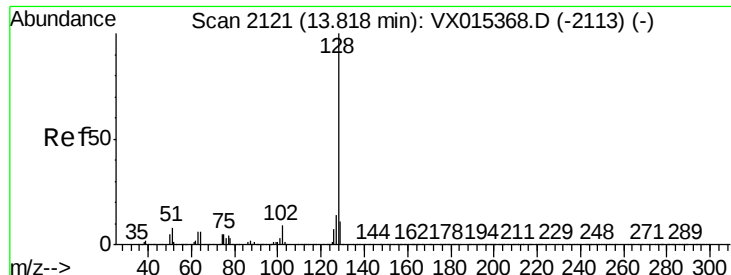
MMDadoda
 4/20/2020 10:06:31 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 3.779 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015738.D
 Acq: 17 Apr 2020 15:16

Tgt Ion:105 Resp: 165148
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1





#95
Naphthalene
Concen: 1.102 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015738.D
Acq: 17 Apr 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
40693-40720-40531

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	15.8
129	14.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:06:31 AM

