

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015507.D
 Acq On : 06 Apr 2020 13:10
 Operator : JC/SP
 Sample : L2097-13 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 317205

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:59:08 AM

Quant Time: Apr 07 06:20:05 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	5.64	168	1152539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1826721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1812291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	1007887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	762730	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	5.47	113	572068	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.70	98	2234838	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.12	95	994302	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	11486	2.952	ug/l	100
16) Acetone	2.42	43	2205760	315.846	ug/l	99
25) 2-Butanone	4.65	43	52251	4.652	ug/l	100
39) Methylcyclohexane	7.43	83	6814m	0.351	ug/l	
51) 4-Methyl-2-Pentanone	8.62	43	8936	0.426	ug/l	100
52) Toluene	8.77	92	216865	7.134	ug/l	98
67) Ethyl Benzene	10.24	91	21809	0.340	ug/l	97
68) m/p-Xylenes	10.34	106	33355	1.397	ug/l	93
69) o-Xylene	10.68	106	13733	0.582	ug/l	91
80) 1,3,5-Trimethylbenzene	11.49	105	16850	0.299	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	38550	0.671	ug/l	98
95) Naphthalene	13.82	128	57929	0.778	ug/l	98

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

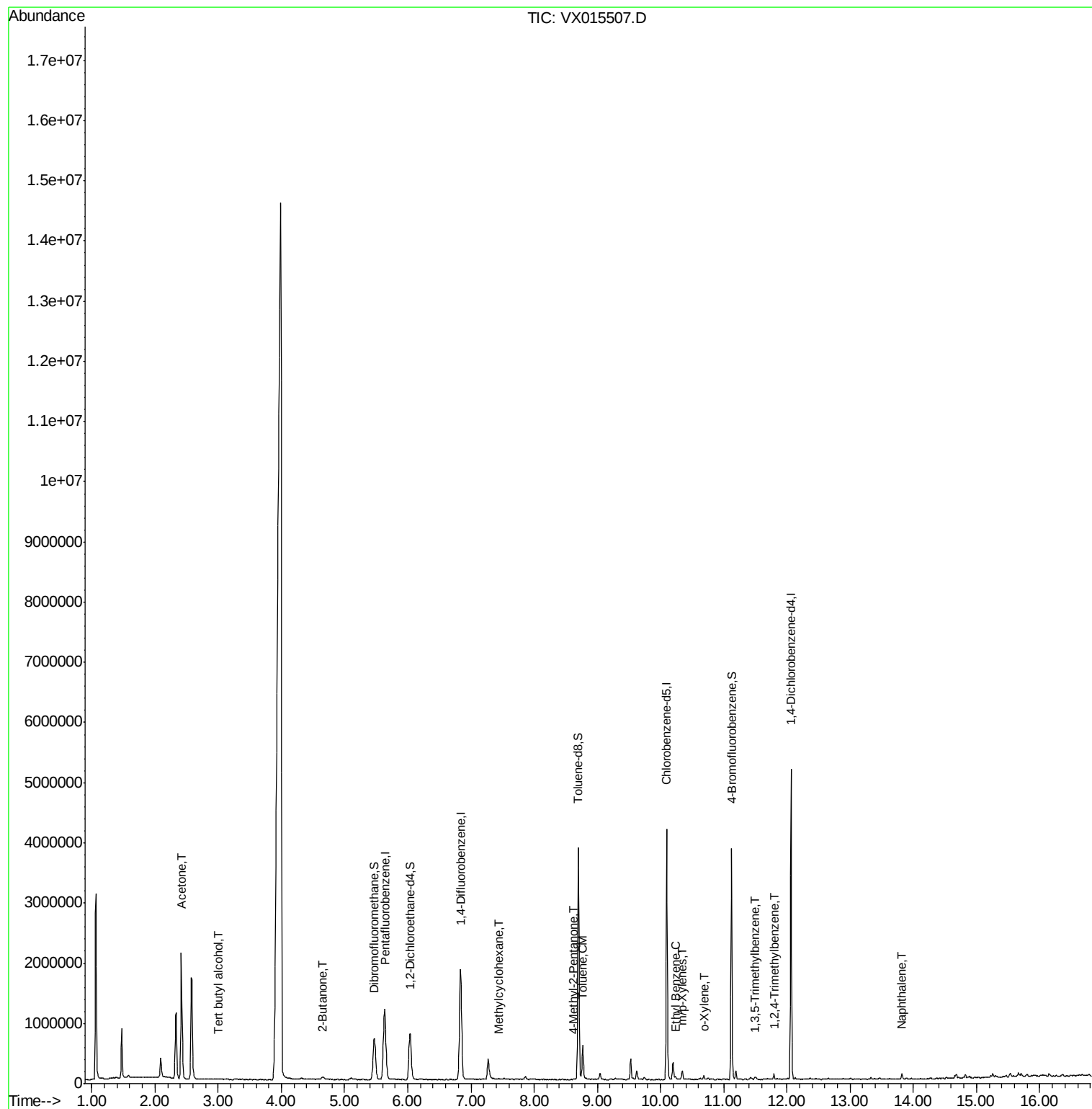
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040620\
Data File : VX015507.D
Acq On : 06 Apr 2020 13:10
Operator : JC/SP
Sample : L2097-13 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

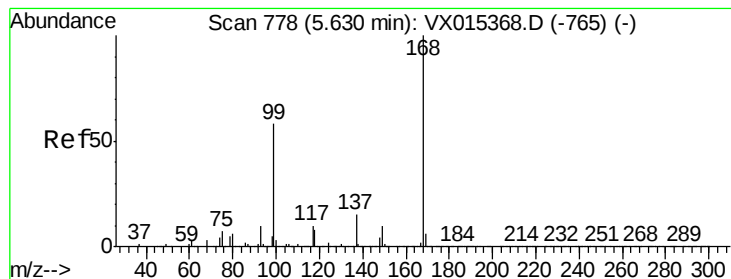
Instrument :
MSVOA_X
ClientSampleId :
317205

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Quant Time: Apr 07 06:20:05 2020
Quant Method : Z:\V0ASRV\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: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

317205

Tot Ion:168 Resp: 1152539

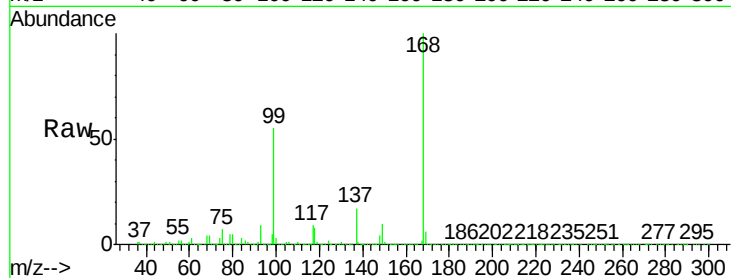
Ion Ratio Lower Upper

168 100

99 55.2 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

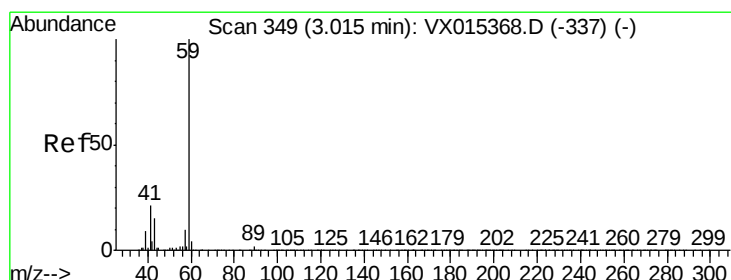
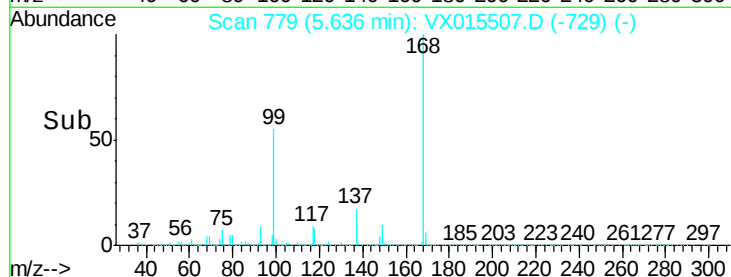
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.952 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.01 min

Lab File: VX015507.D

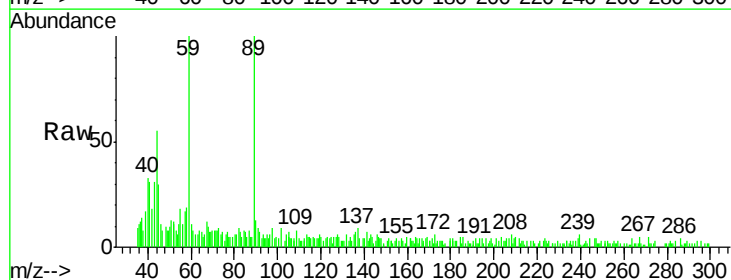
Acq: 06 Apr 2020 13:10

Tgt Ion: 59 Resp: 11486

Ion Ratio Lower Upper

59 100

57 10.2 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

5000

4000

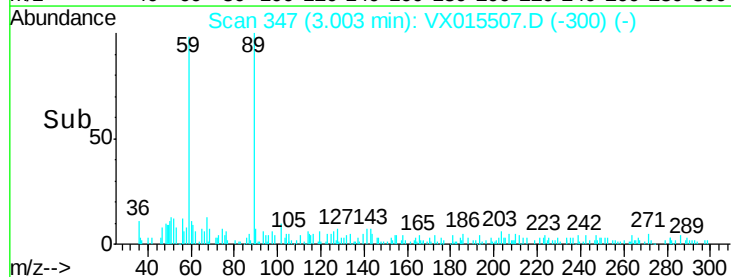
3000

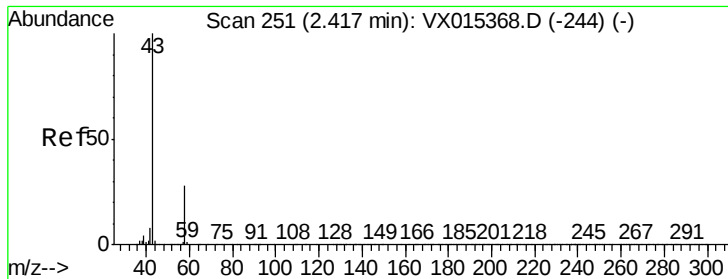
2000

1000

0

Time-->





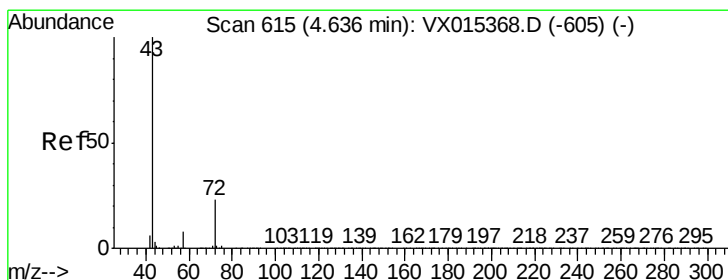
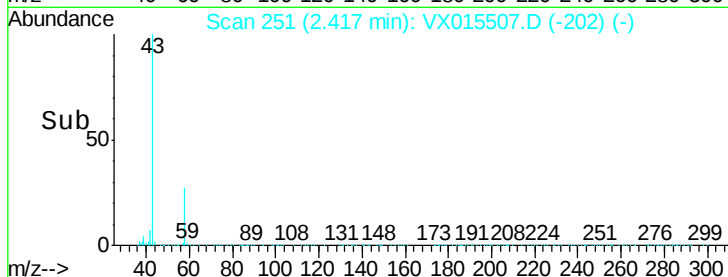
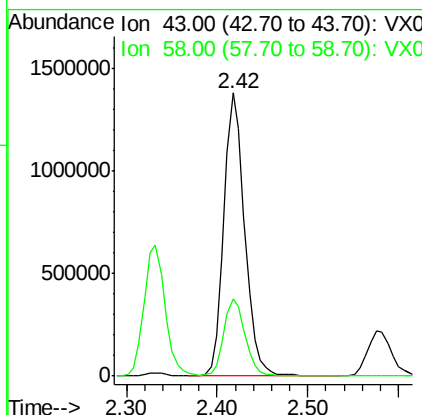
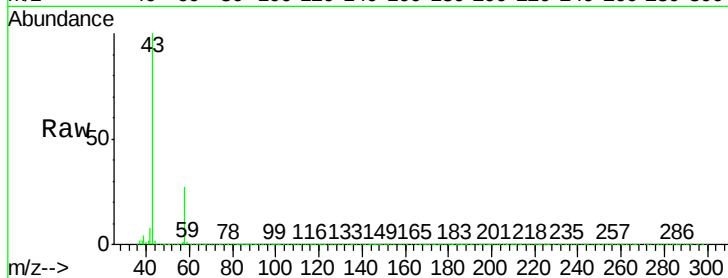
#16
Acetone
Concen: 315.846 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Instrument :
MSVOA_X
ClientSampled :
317205

Tot Ion: 43 Resp: 2205760
Ion Ratio Lower Upper
43 100
58 27.3 22.1 33.1

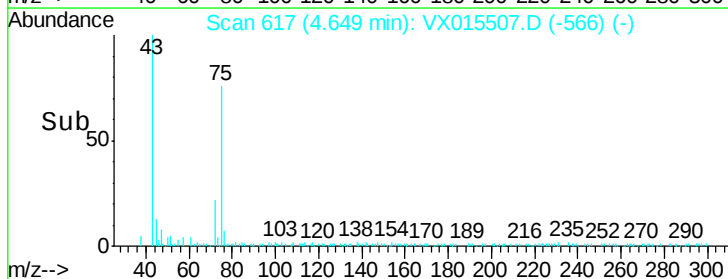
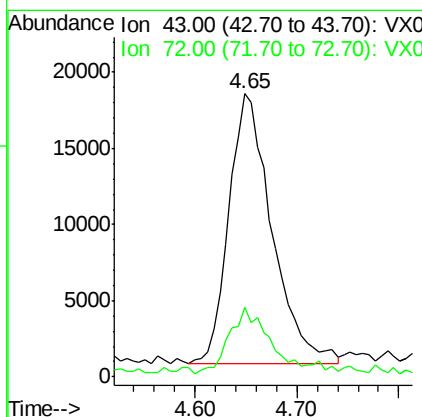
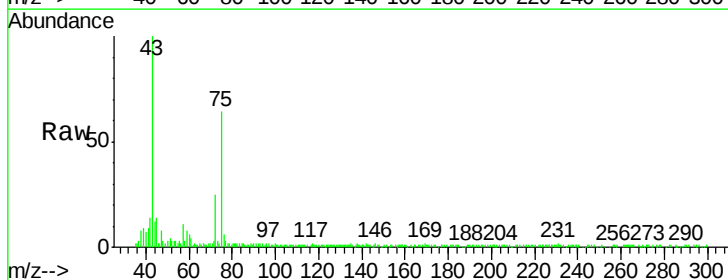
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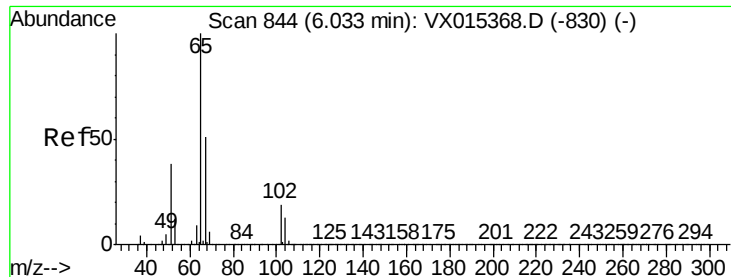
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#25
2-Butanone
Concen: 4.652 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Tgt Ion: 43 Resp: 52251
Ion Ratio Lower Upper
43 100
72 23.9 19.0 28.4





#33

1,2-Dichloroethane-d4

Concen: 46.922 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

317205

Tot Ion: 65 Resp: 762730

Ion Ratio Lower Upper

65 100

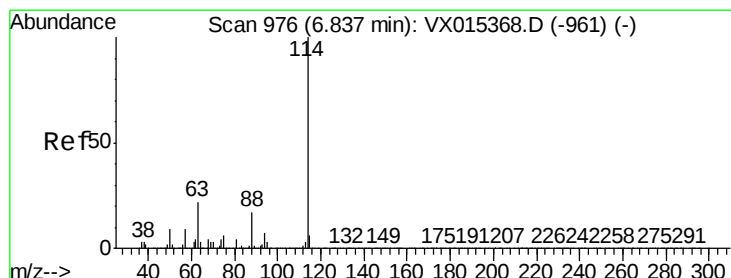
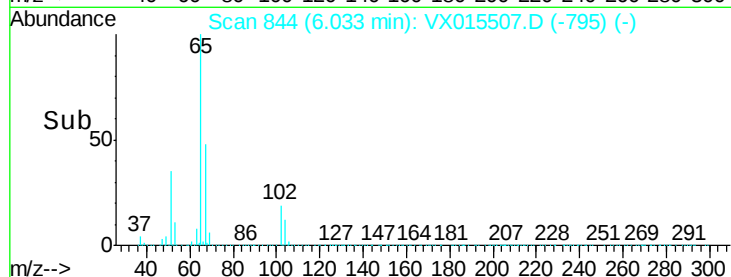
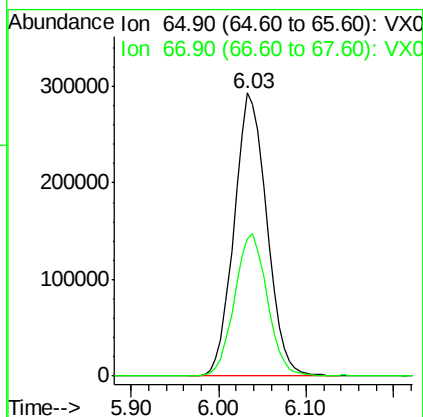
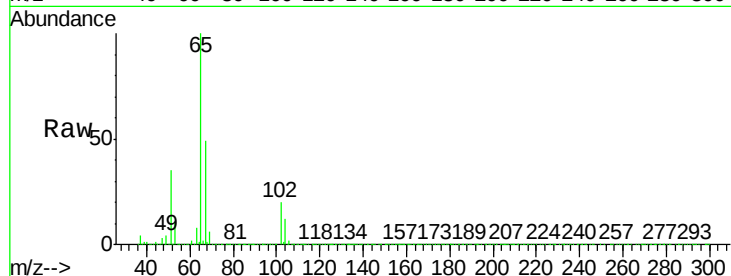
67 50.2 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

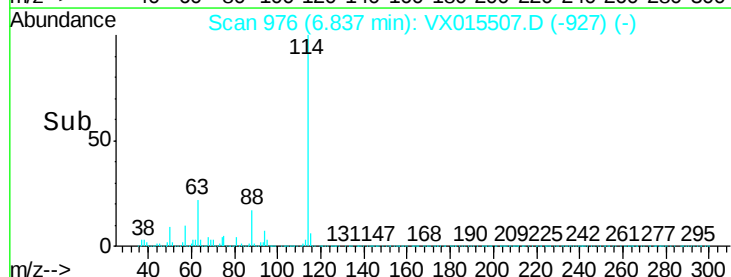
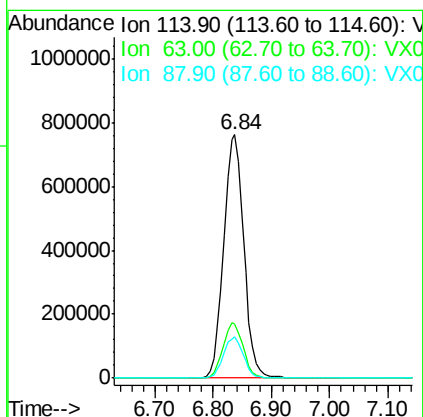
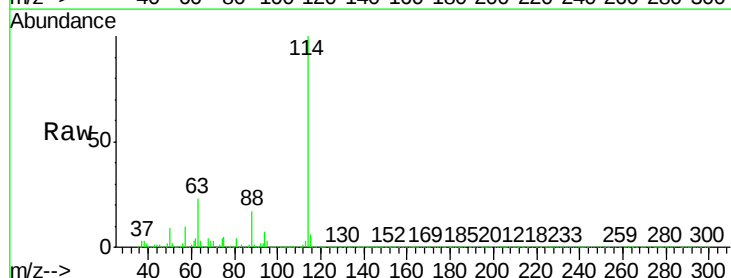
Tgt Ion: 114 Resp: 1826721

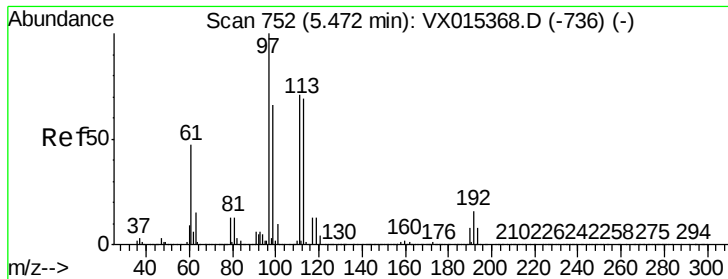
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

88 16.8 0.0 33.8





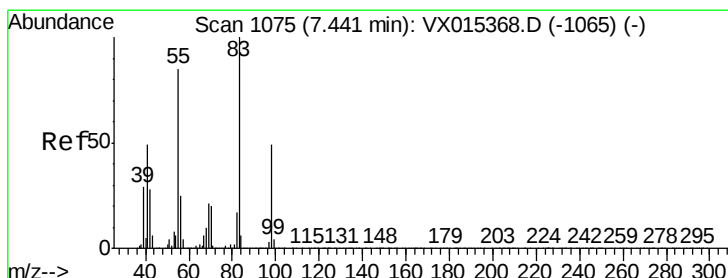
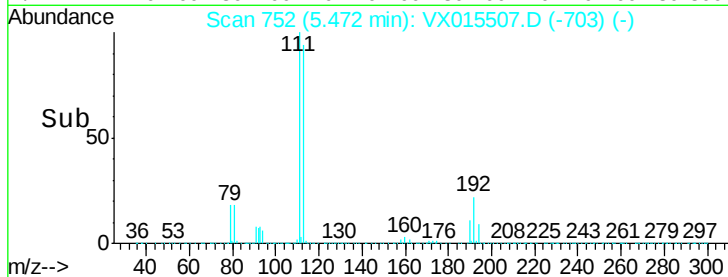
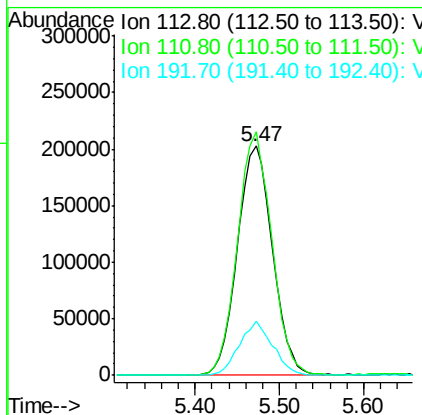
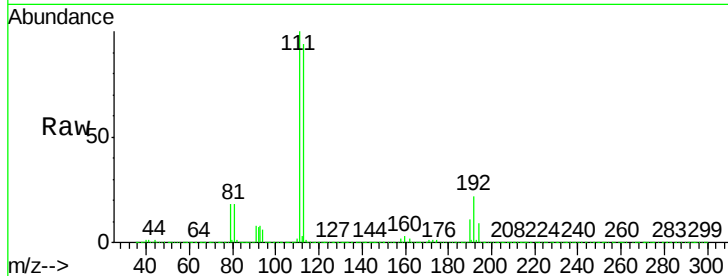
#35
Dibromofluoromethane
Concen: 48.991 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Instrument :
MSVOA_X
ClientSampled :
317205

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.5	122.3	
192	22.3	17.8	26.6	

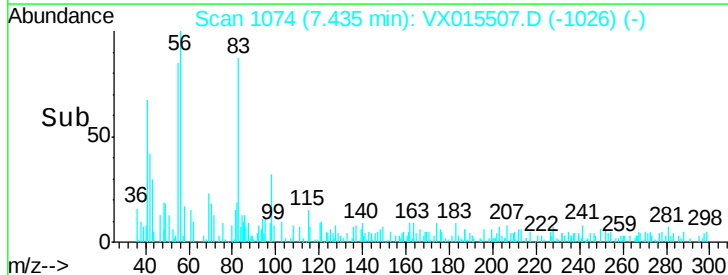
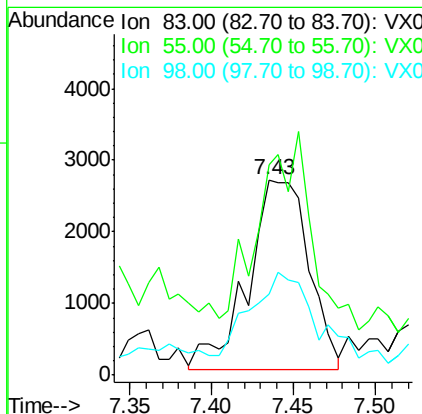
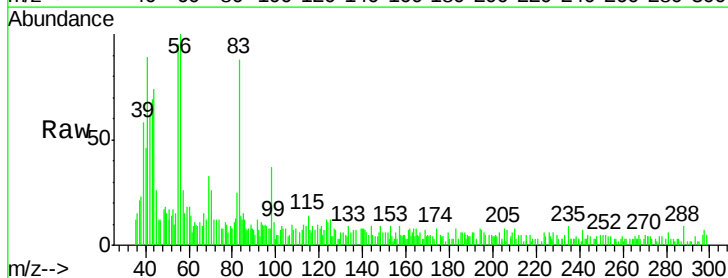
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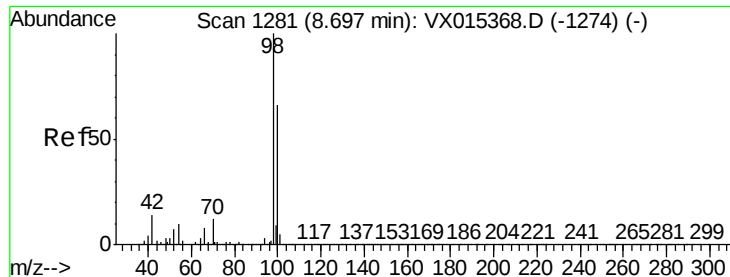
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#39
Methylcyclohexane
Concen: 0.351 ug/l m
RT: 7.43 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	107.5	67.8	101.6	#
98	41.5	39.3	58.9	





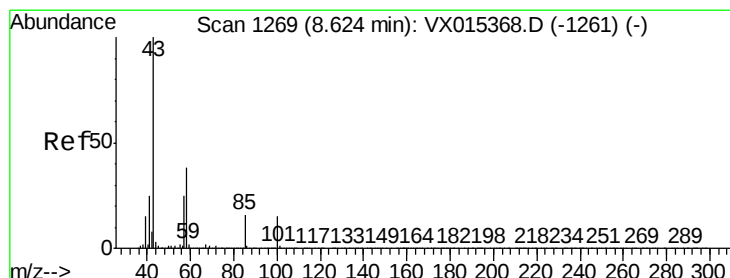
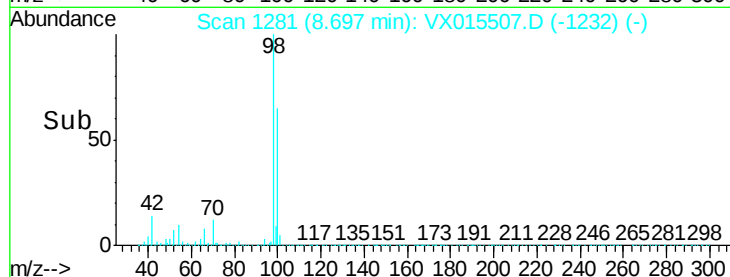
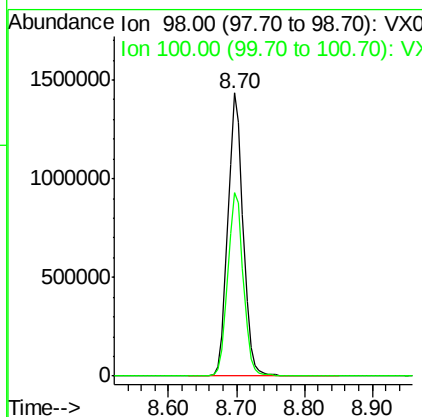
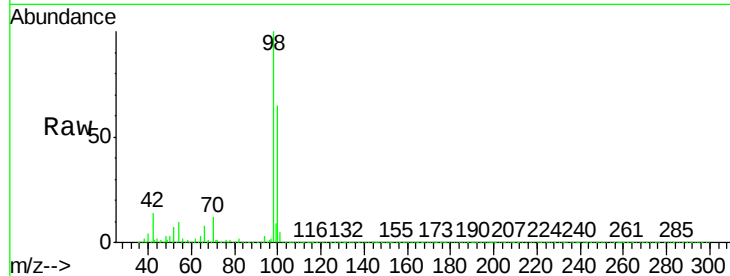
#50
Toluene-d8
Concen: 51.984 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
317205

Tot Ion: 98 Resp: 2234838
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3

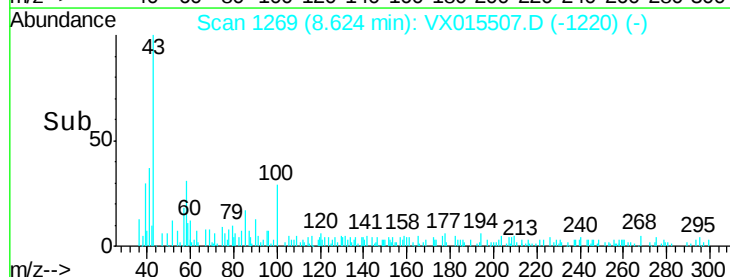
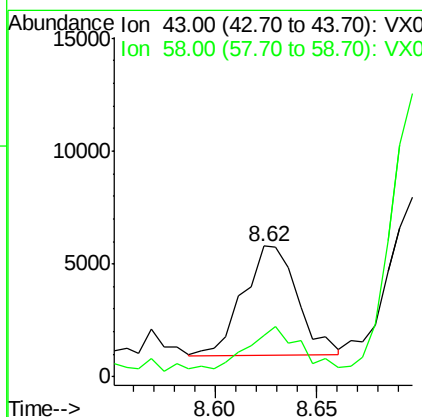
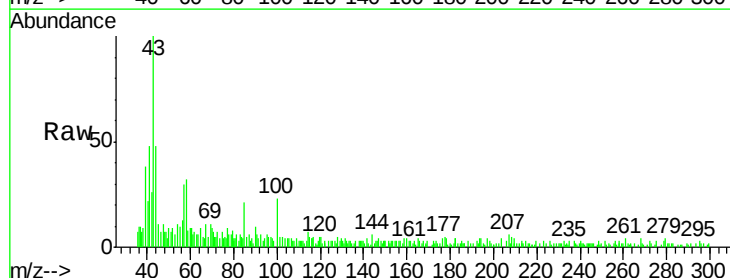
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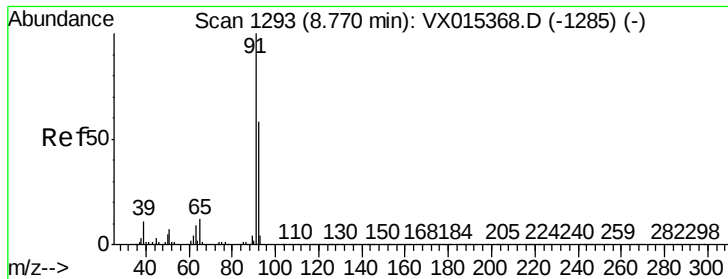
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#51
4-Methyl-2-Pentanone
Concen: 0.426 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Tgt Ion: 43 Resp: 8936
Ion Ratio Lower Upper
43 100
58 36.8 29.7 44.5





#52

Toluene

Concen: 7.134 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

317205

Tot Ion: 92 Resp: 216865

Ion Ratio Lower Upper

92 100

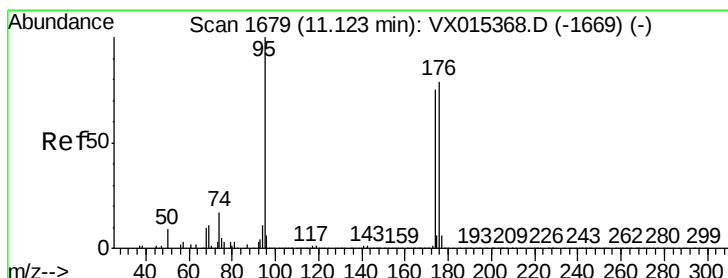
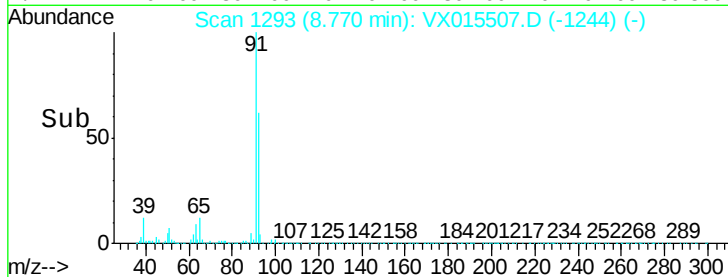
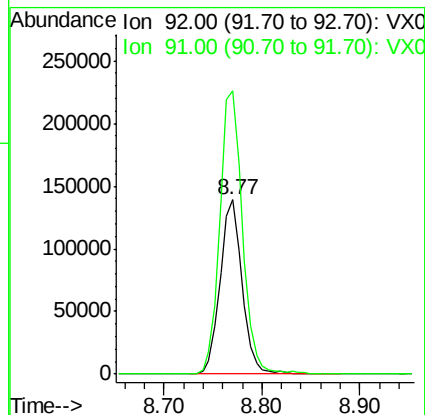
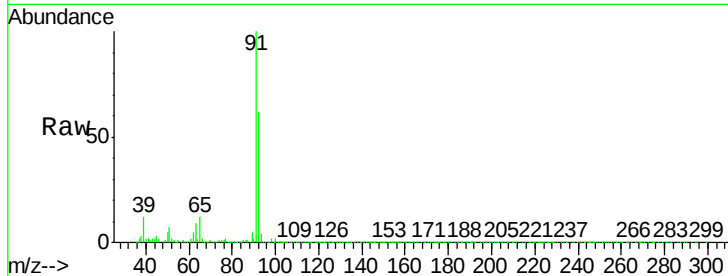
91 168.5 136.6 205.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 56.909 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

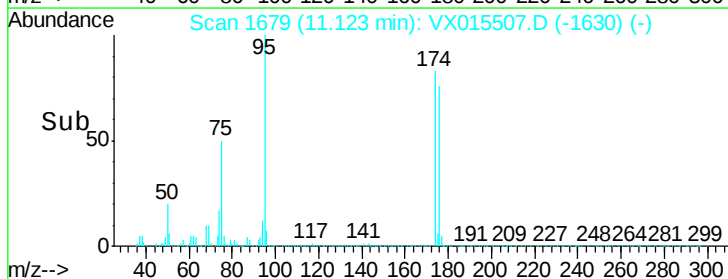
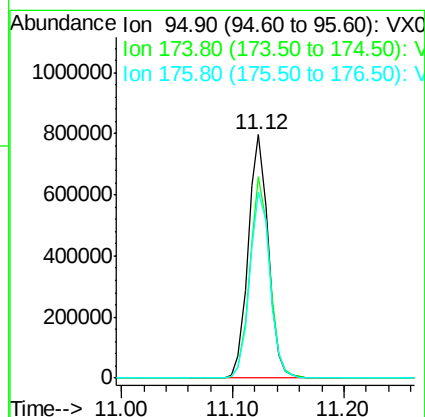
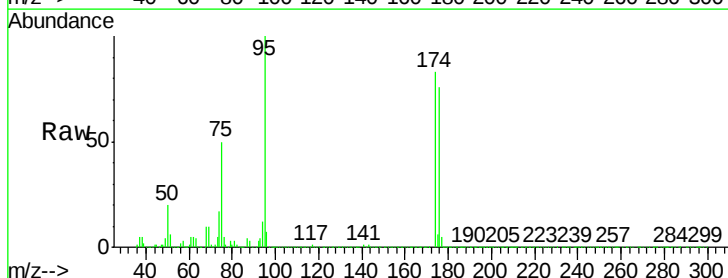
Tgt Ion: 95 Resp: 994302

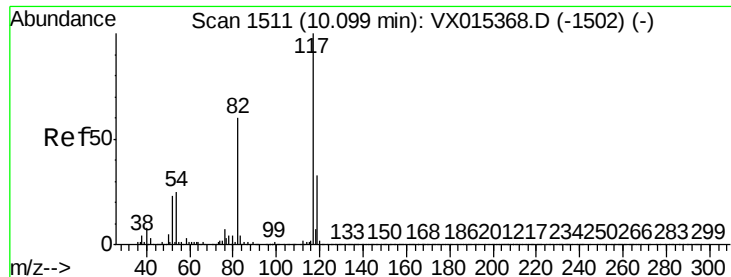
Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.6

176 77.6 0.0 159.0





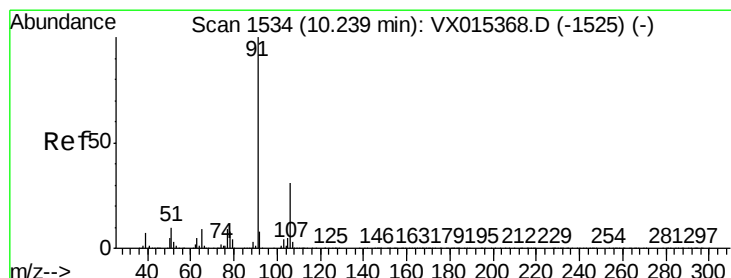
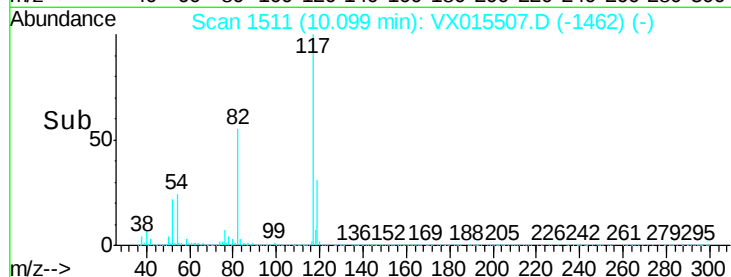
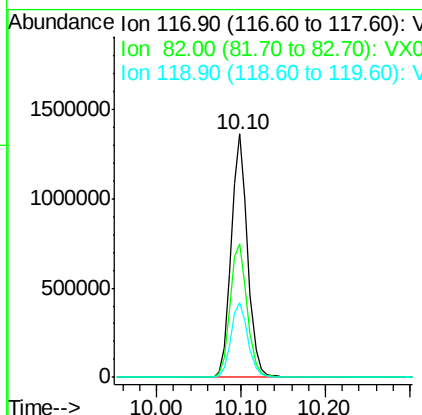
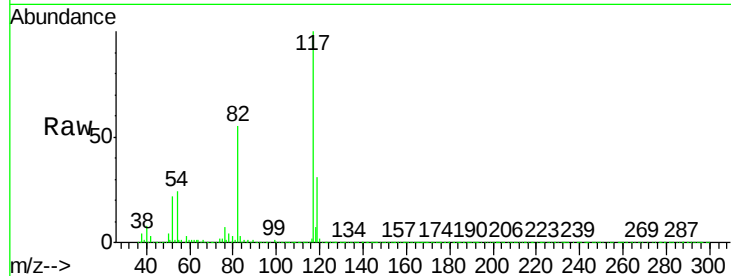
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Instrument :
MSVOA_X
ClientSampleId :
317205

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.8
119	30.8	26.8	40.2

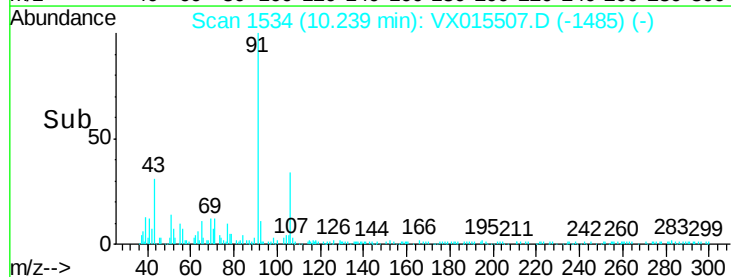
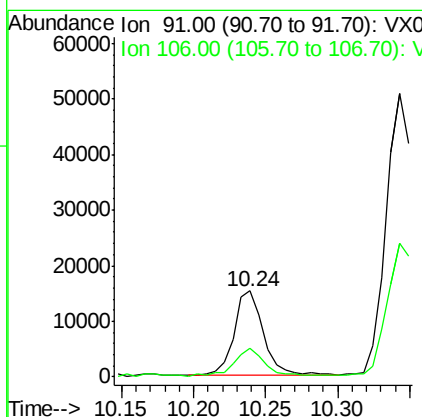
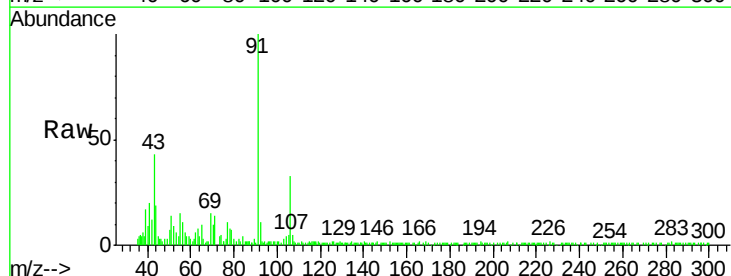
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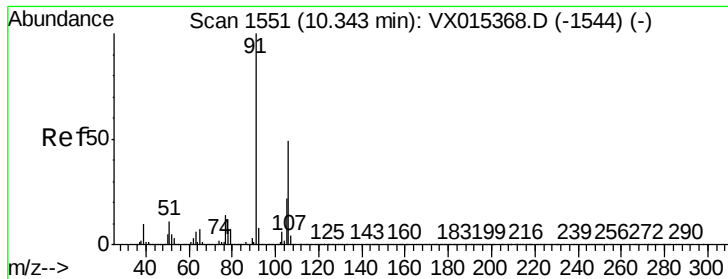
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#67
Ethyl Benzene
Concen: 0.340 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015507.D
Acq: 06 Apr 2020 13:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.8	37.2





#68

m/p-Xylenes

Concen: 1.397 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

317205

Tot Ion:106 Resp: 33355

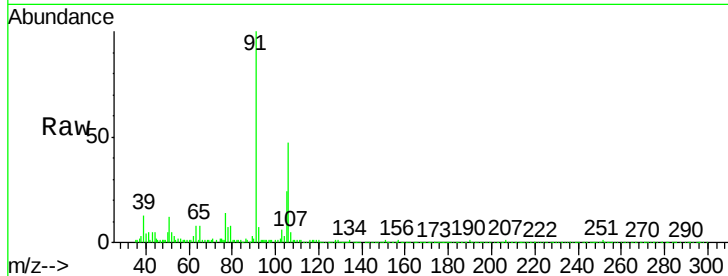
Ion Ratio Lower Upper

106 100

91 215.6 163.4 245.0

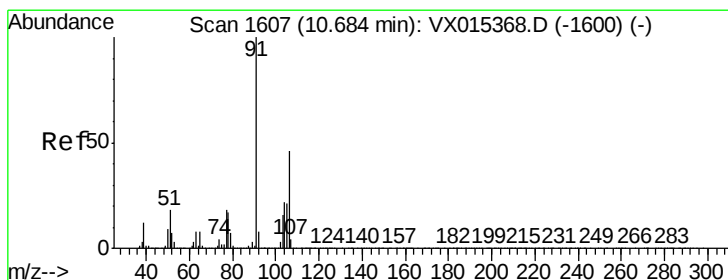
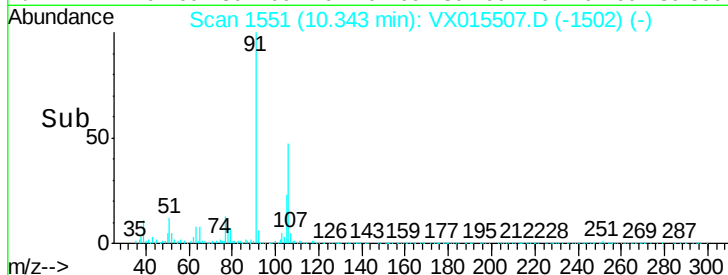
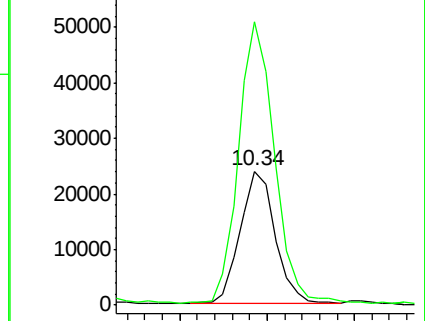
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.582 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015507.D

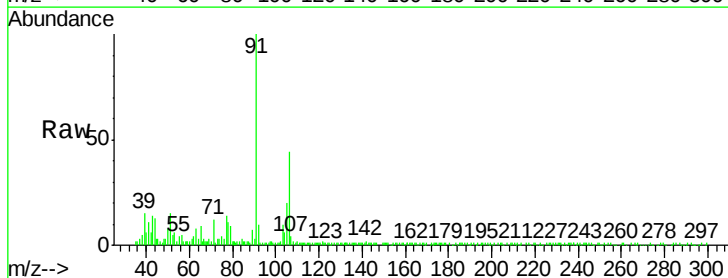
Acq: 06 Apr 2020 13:10

Tgt Ion:106 Resp: 13733

Ion Ratio Lower Upper

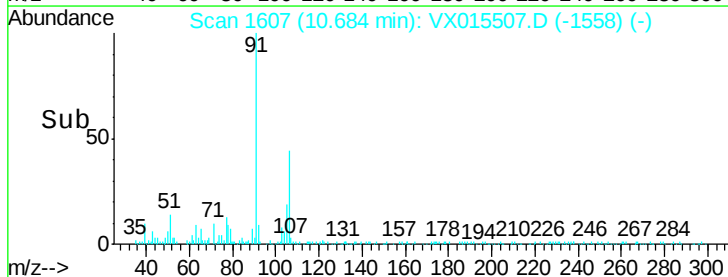
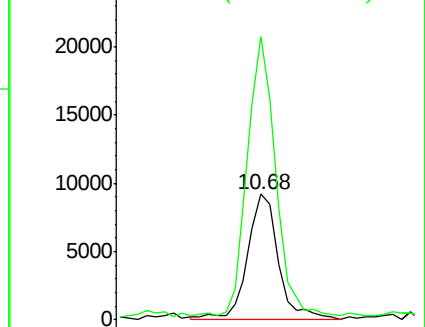
106 100

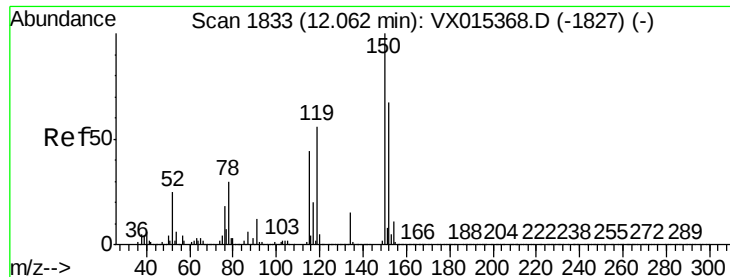
91 200.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





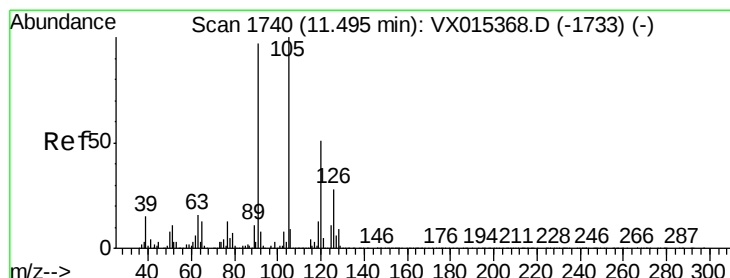
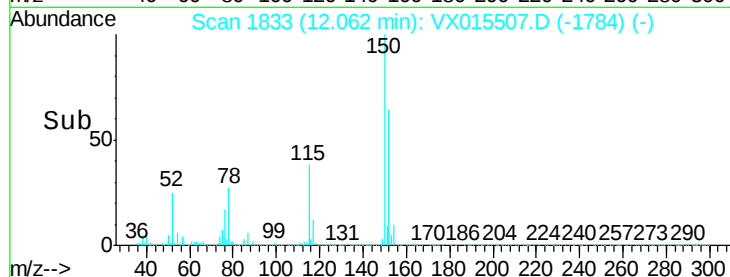
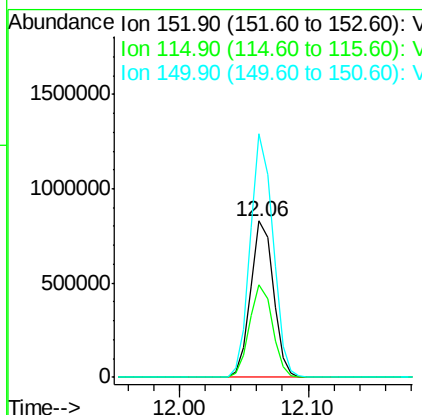
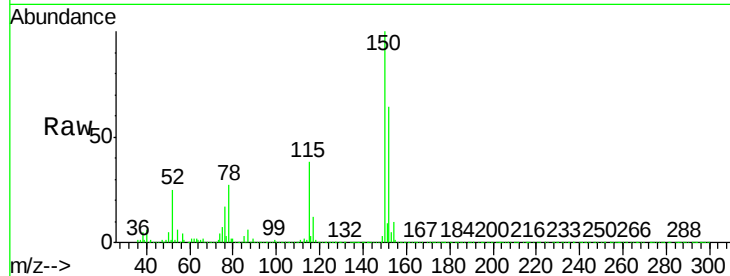
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015507.D
 Acq: 06 Apr 2020 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 317205

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	39.0	116.9
150	155.3	0.0	340.8

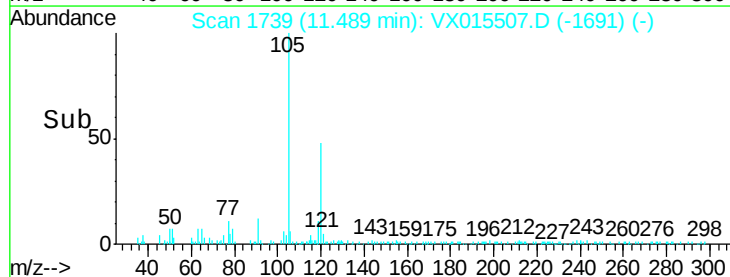
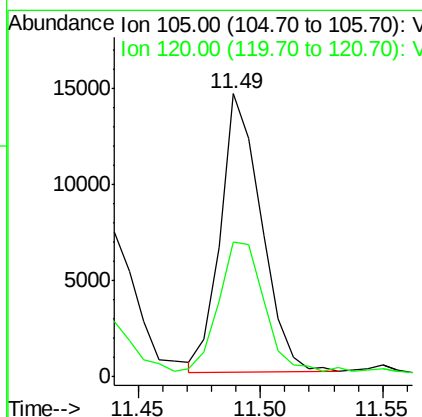
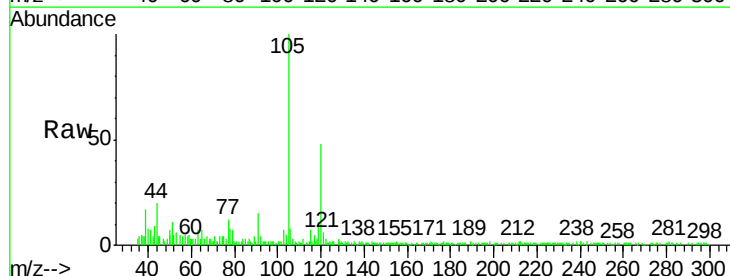
Manual Integrations
 APPROVED

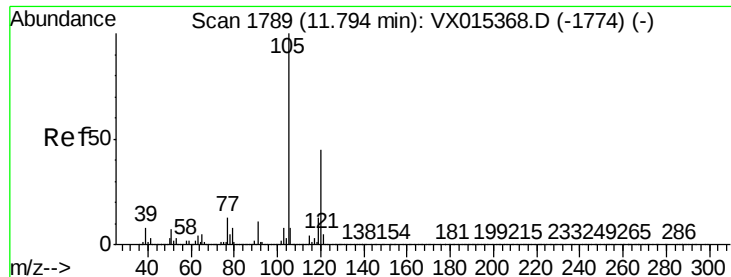
MMDadoda
 4/7/2020 11:59:08 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 0.299 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015507.D
 Acq: 06 Apr 2020 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.9	24.8	74.4





#84

1,2,4-Trimethylbenzene

Concen: 0.671 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Instrument :

MSVOA_X

ClientSampleId :

317205

Tot Ion:105 Resp: 38550

Ion Ratio Lower Upper

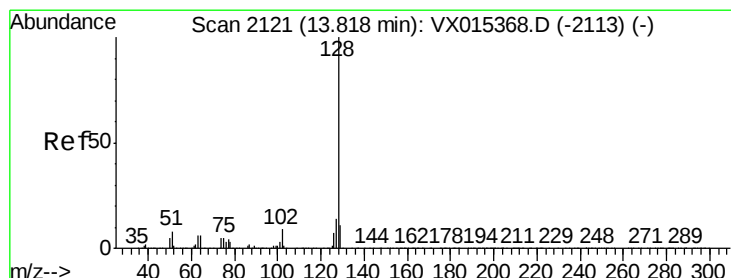
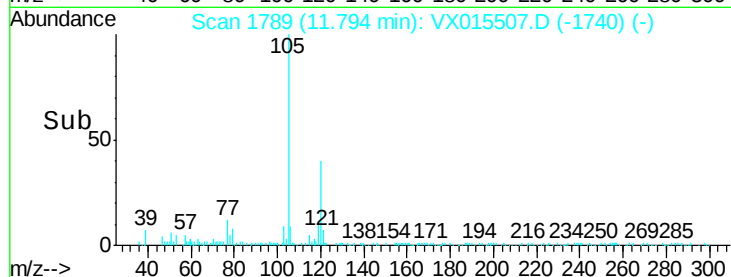
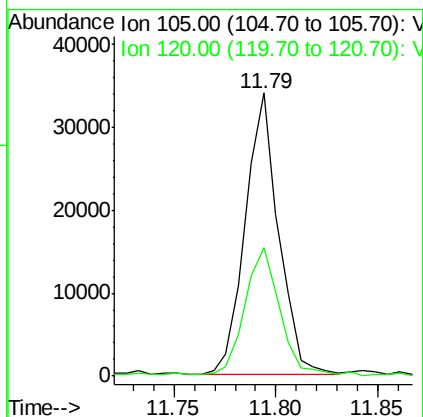
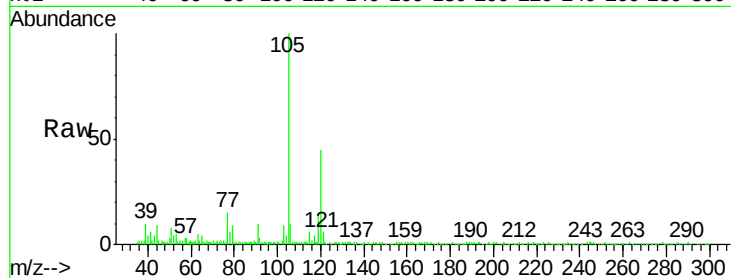
105 100

120 46.9 22.7 68.1

Manual Integrations
APPROVED

MMDadoda

4/7/2020 11:59:08 AM



#95

Naphthalene

Concen: 0.778 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015507.D

Acq: 06 Apr 2020 13:10

Tgt Ion:128 Resp: 57929

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 12.4 8.8 13.2

