

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015510.D
 Acq On : 06 Apr 2020 14:18
 Operator : JC/SP
 Sample : L2097-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40789

Manual Integrations
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 4/7/2020 11:59:18 AM

Quant Time: Apr 07 11:31:32 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	1183523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1818336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1694498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	819563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	710823	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	
35) Dibromofluoromethane	5.47	113	554276	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.70	98	2210205	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.12	95	844751	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	602141	83.964	ug/l	100
17) Carbon Disulfide	2.56	76	8057	0.236	ug/l #	92
25) 2-Butanone	4.65	43	46731m	4.052	ug/l	
39) Methylcyclohexane	7.44	83	19755	1.023	ug/l	98
52) Toluene	8.77	92	35233	1.164	ug/l	98
67) Ethyl Benzene	10.24	91	33255	0.555	ug/l	99
68) m/p-Xylenes	10.34	106	55638	2.493	ug/l	99
69) o-Xylene	10.68	106	25188	1.142	ug/l	90
73) Isopropylbenzene	11.00	105	13213	0.246	ug/l	95
78) n-propylbenzene	11.34	91	36133	0.588	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	105582	2.302	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	261833	5.603	ug/l	99
85) sec-Butylbenzene	11.93	105	11483	0.222	ug/l #	56
86) p-Isopropyltoluene	12.05	119	28262	0.588	ug/l	89
89) n-Butylbenzene	12.37	91	34562m	0.795	ug/l	
95) Naphthalene	13.82	128	104880	1.732	ug/l #	72

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

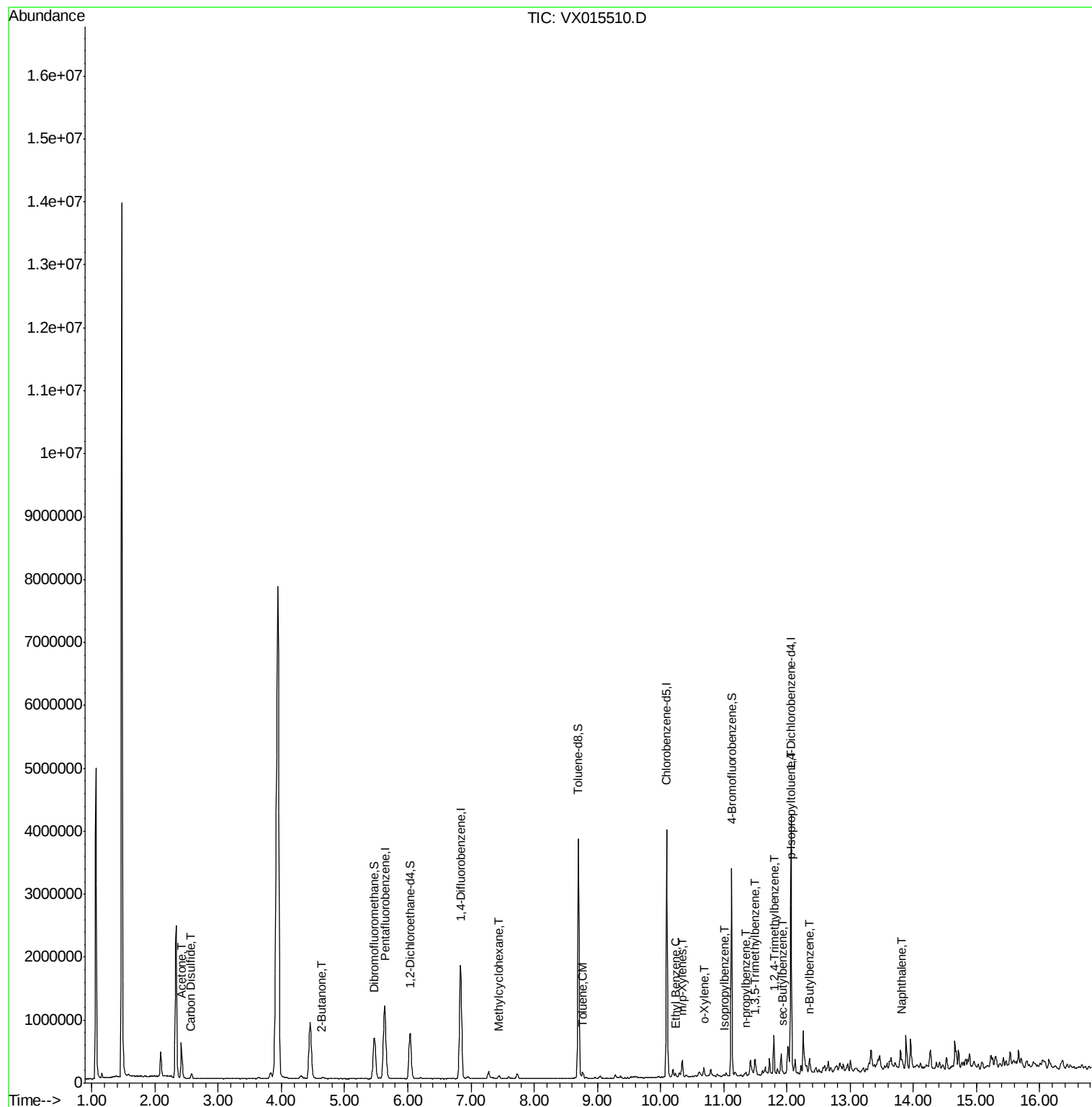
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040620\
Data File : VX015510.D
Acq On : 06 Apr 2020 14:18
Operator : JC/SP
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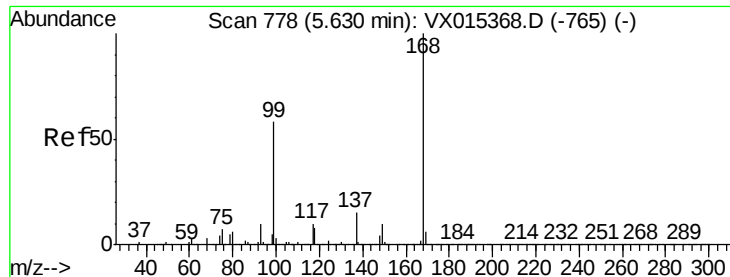
Instrument :
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Quant Time: Apr 07 11:31:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

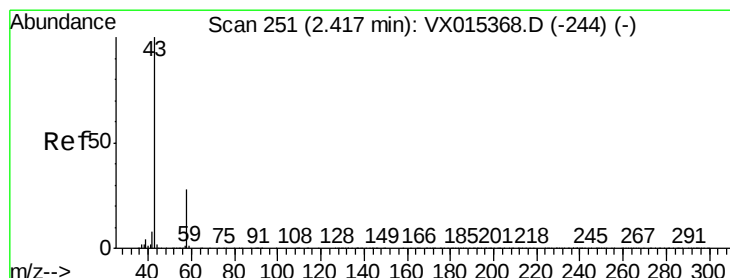
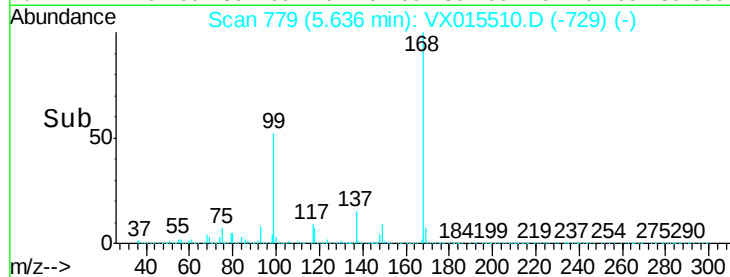
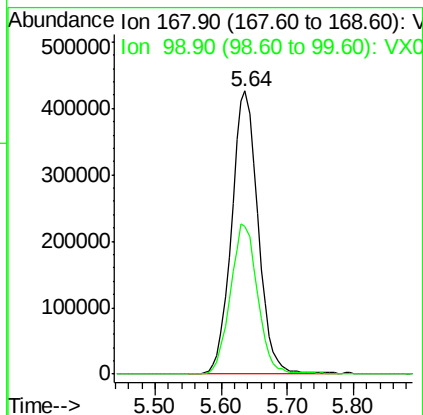
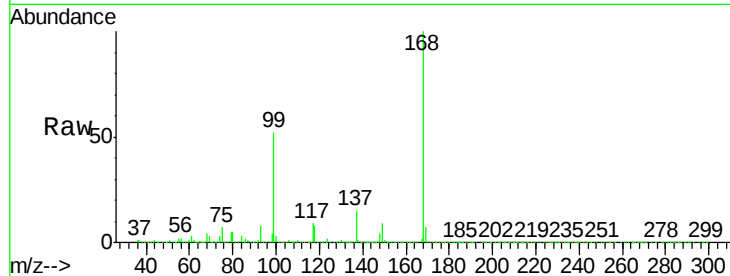
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 40789

Tot Ion:168 Resp: 1183523
 Ion Ratio Lower Upper
 168 100
 99 52.2 46.4 69.6

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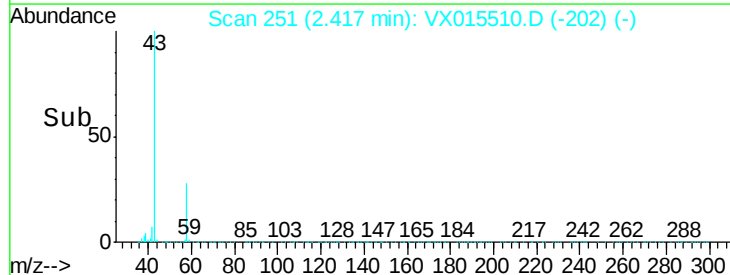
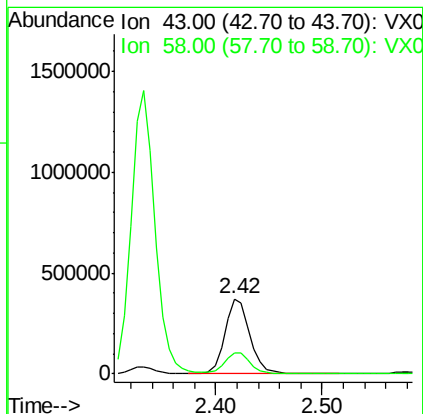
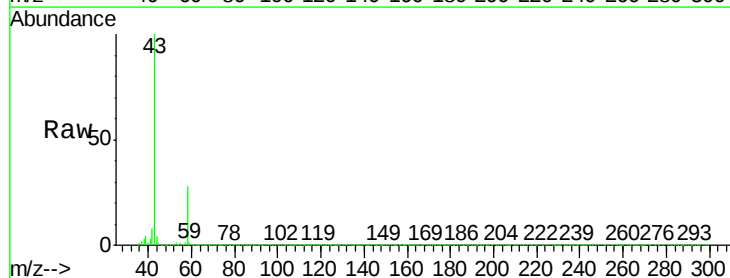
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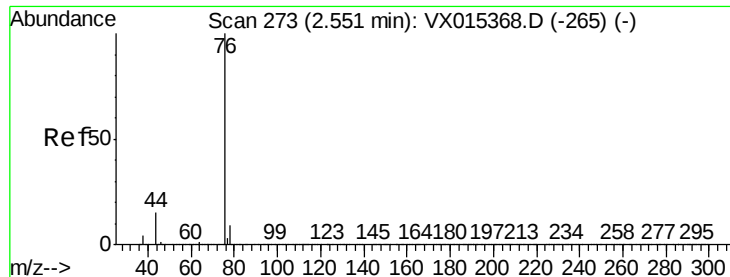


#16

Acetone
 Concen: 83.964 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Tgt Ion: 43 Resp: 602141
 Ion Ratio Lower Upper
 43 100
 58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 0.236 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

Instrument :

MSVOA_X

ClientSampleId :

40789

Tot Ion: 76 Resp: 8057

Ion Ratio Lower Upper

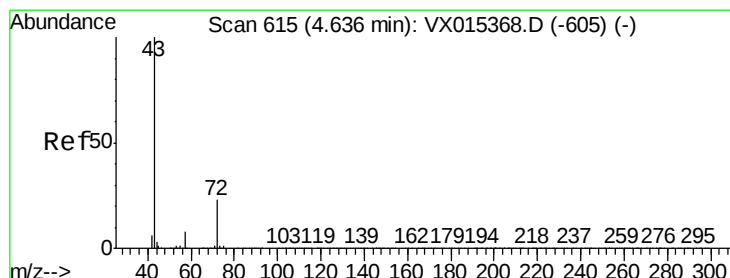
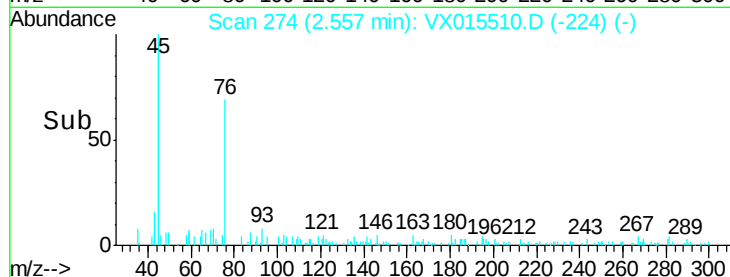
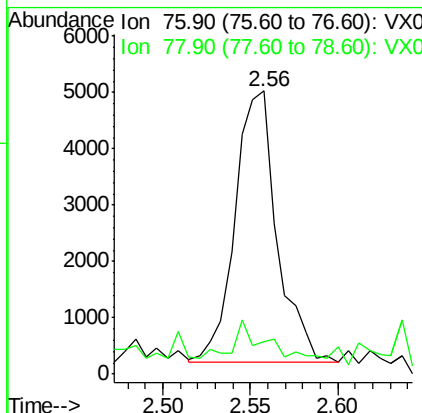
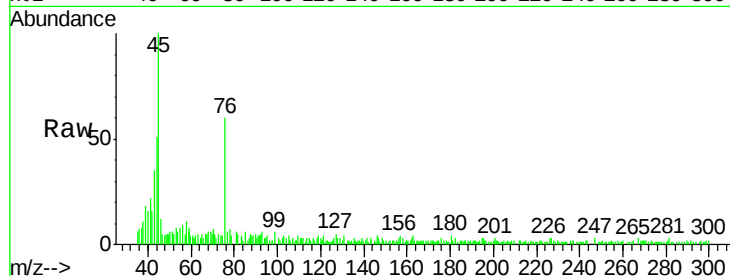
76 100

78 5.8 7.1 10.7#

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#25

2-Butanone

Concen: 4.052 ug/l m

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015510.D

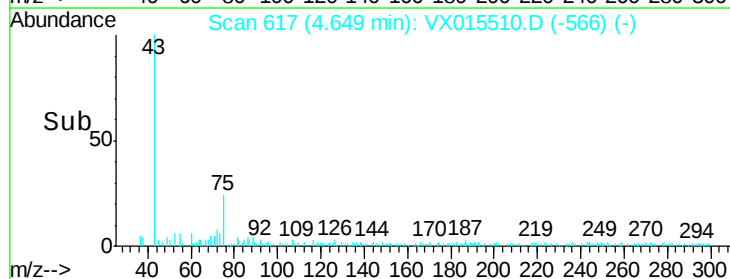
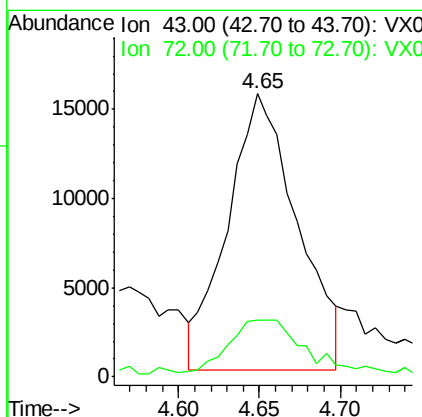
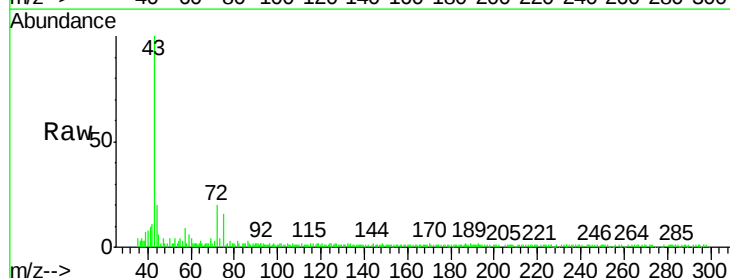
Acq: 06 Apr 2020 14:18

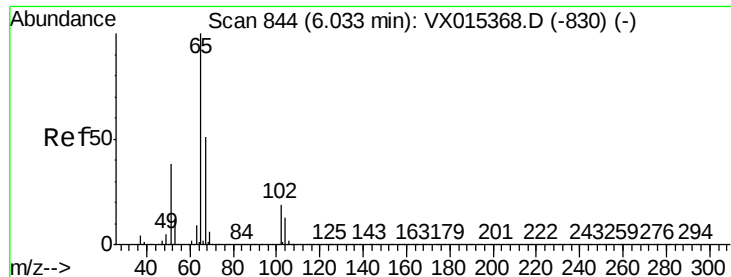
Tgt Ion: 43 Resp: 46731

Ion Ratio Lower Upper

43 100

72 20.3 19.0 28.4





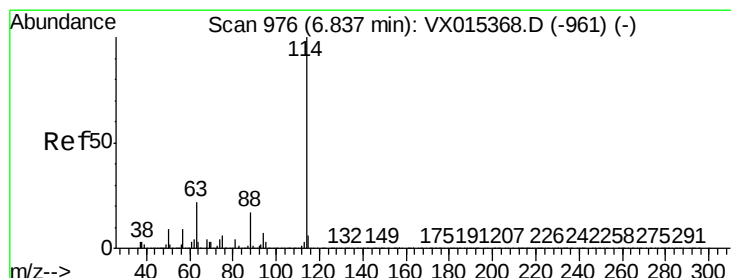
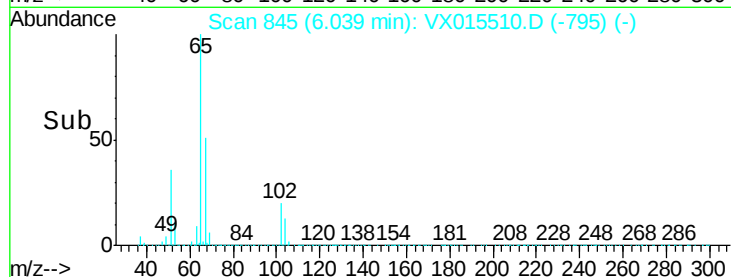
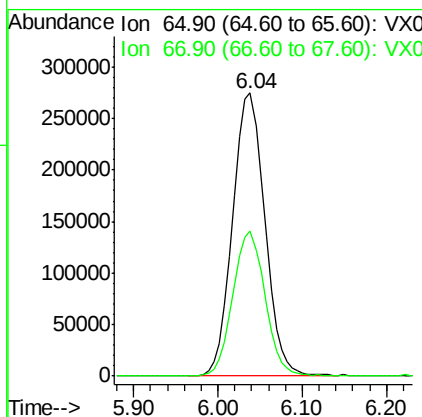
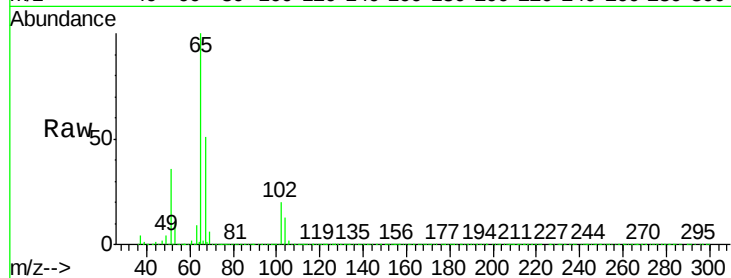
#33
 1,2-Dichloroethane-d4
 Concen: 42.584 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 40789

Tot Ion	Ratio	Resp	Lower	Upper
65	100	710823		
67	51.0	0.0	102.6	

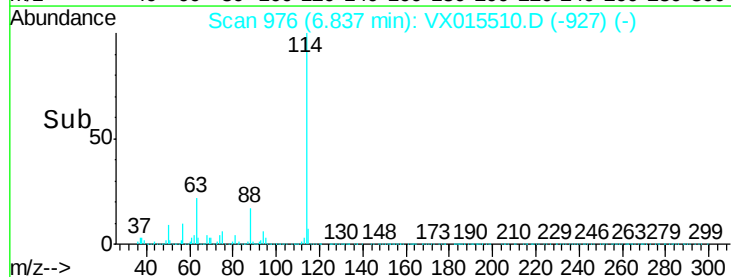
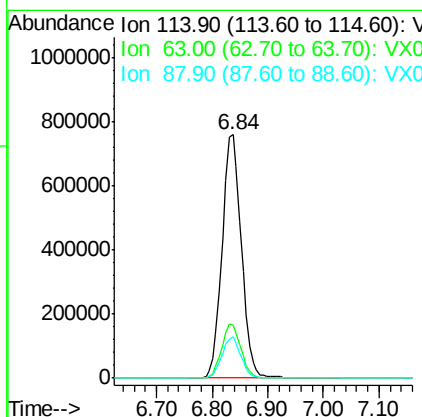
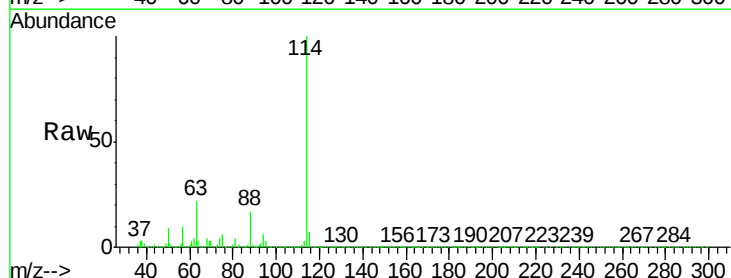
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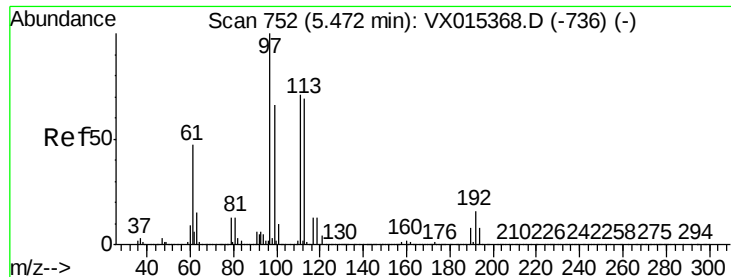
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1818336		
63	21.9	0.0	44.2	
88	16.7	0.0	33.8	





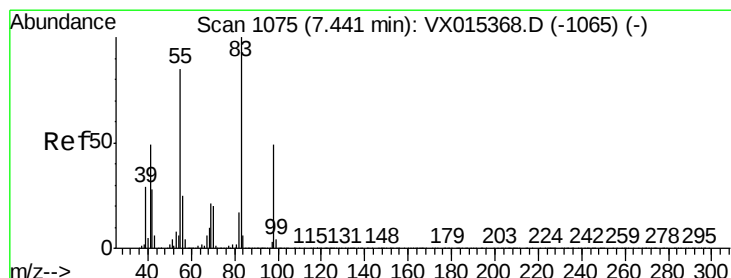
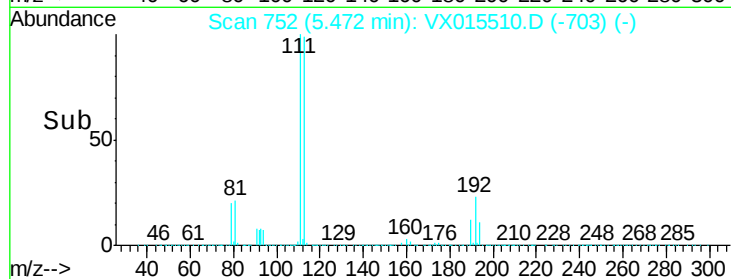
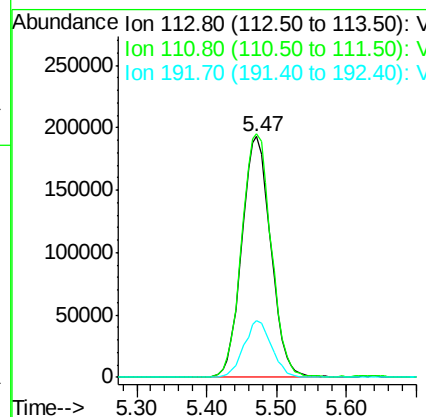
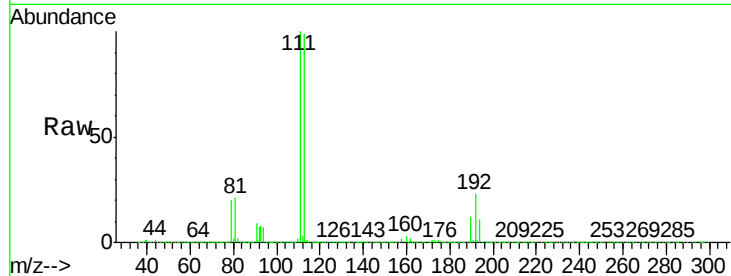
#35
Dibromofluoromethane
Concen: 47.687 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Instrument :
MSVOA_X
ClientSampled :
40789

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	81.5	122.3	
192	22.6	17.8	26.6	

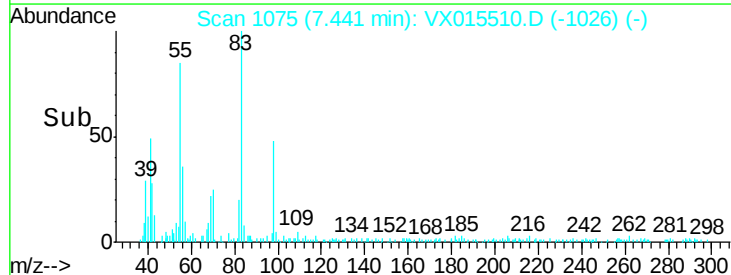
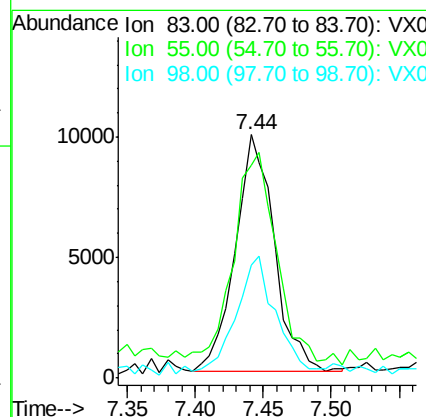
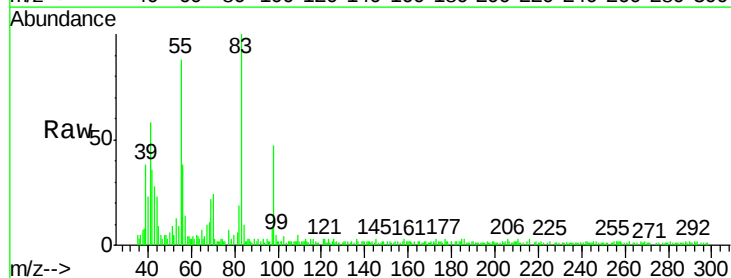
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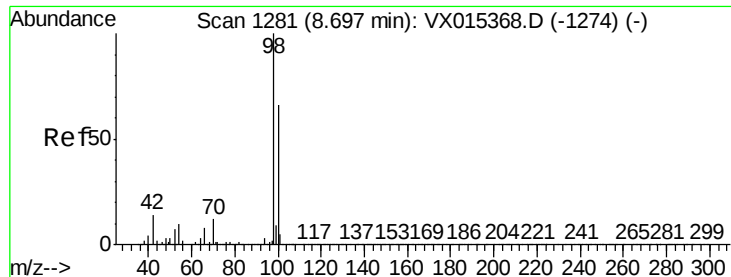
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#39
Methylcyclohexane
Concen: 1.023 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.6	67.8	101.6	
98	44.9	39.3	58.9	





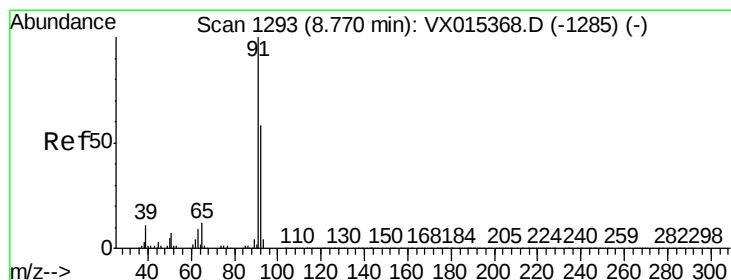
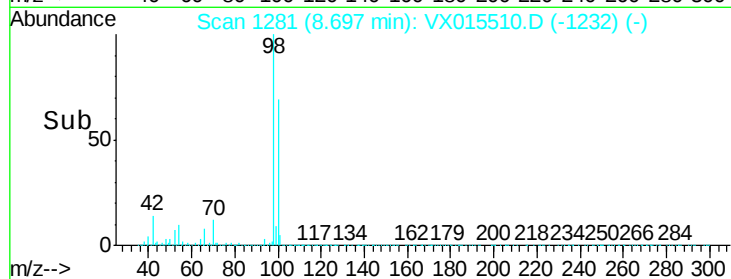
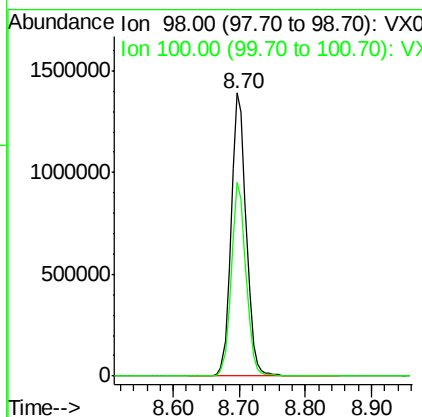
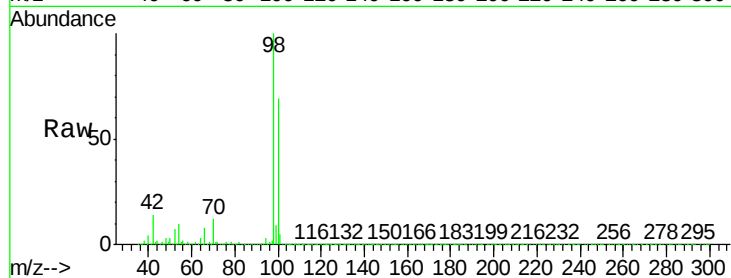
#50
Toluene-d8
Concen: 51.648 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
40789

Tot Ion: 98 Resp: 2210205
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3

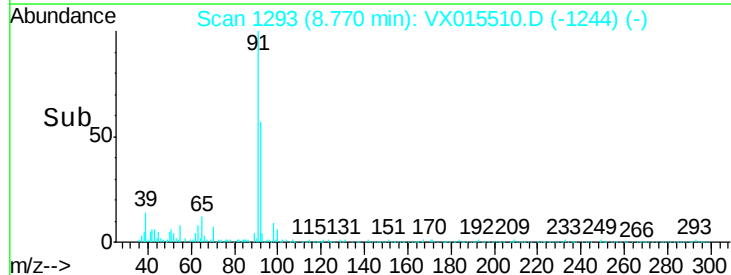
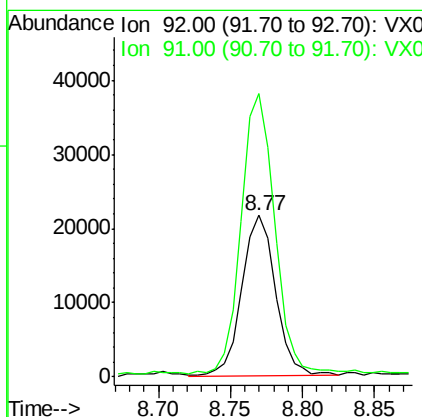
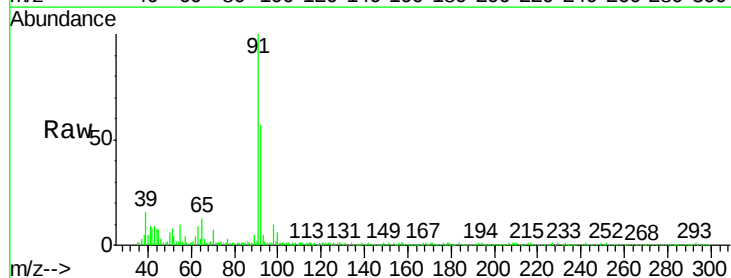
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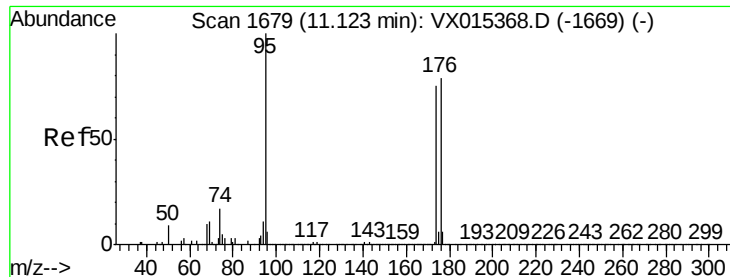
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#52
Toluene
Concen: 1.164 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Tgt Ion: 92 Resp: 35233
Ion Ratio Lower Upper
92 100
91 173.8 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 48.573 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

Instrument :

MSVOA_X

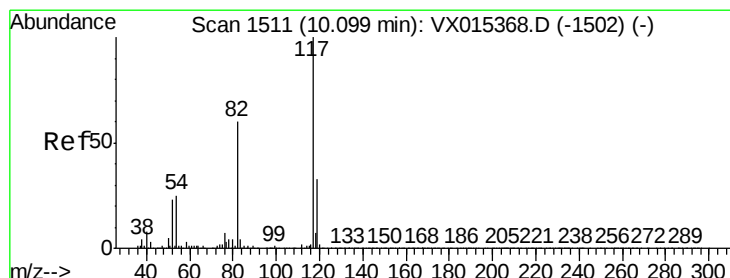
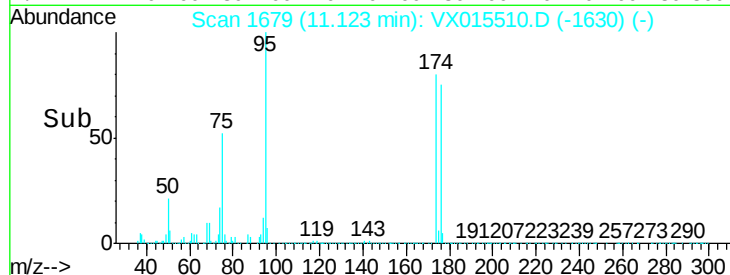
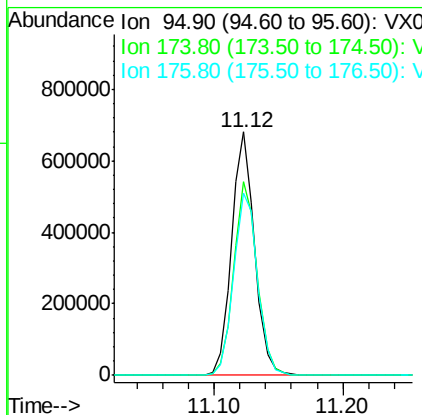
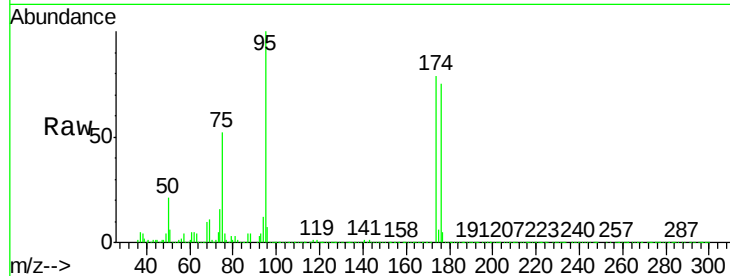
ClientSampled :

40789

Tot Ion:	95	Resp:	844751
Ion Ratio	Lower	Upper	
95	100		
174	81.1	0.0	158.6
176	78.5	0.0	159.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

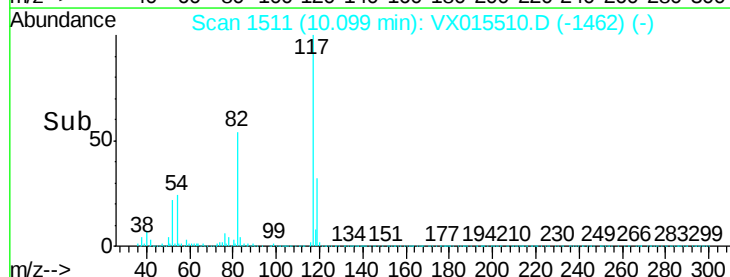
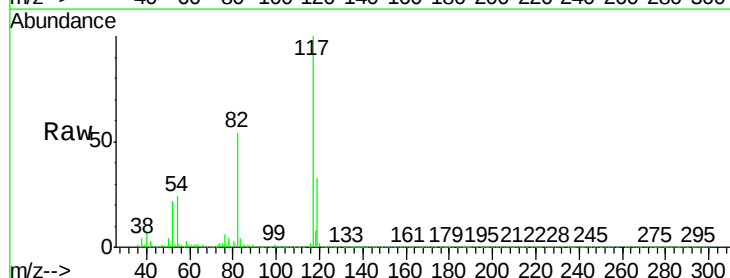
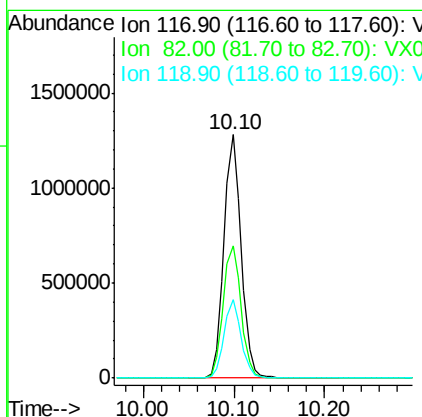
RT: 10.10 min Scan# 1511

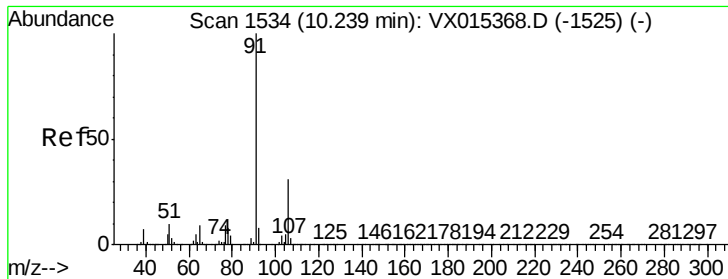
Delta R.T. -0.00 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

Tgt Ion:	117	Resp:	1694498
Ion Ratio	Lower	Upper	
117	100		
82	54.3	47.8	71.8
119	32.5	26.8	40.2





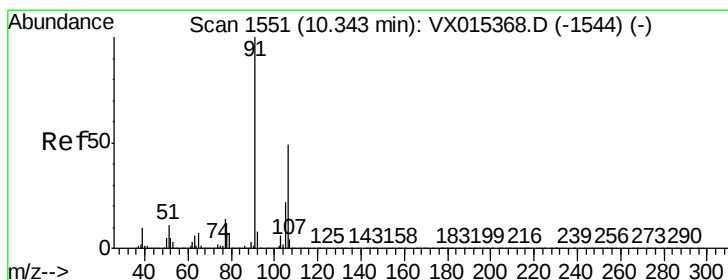
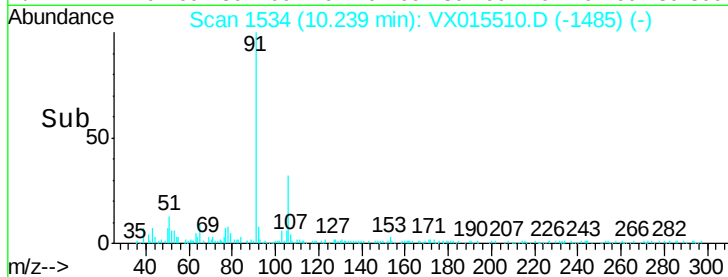
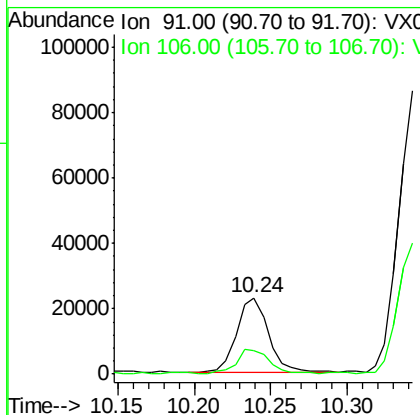
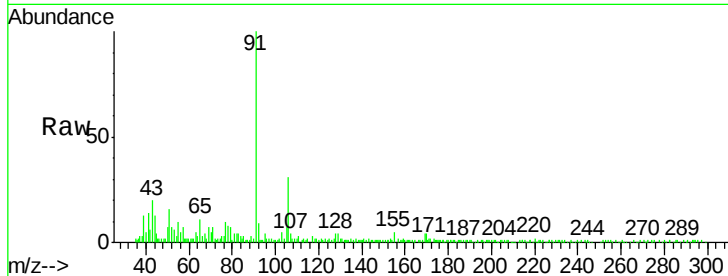
#67
Ethyl Benzene
Concen: 0.555 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Instrument :
MSVOA_X
ClientSampleID :
40789

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2

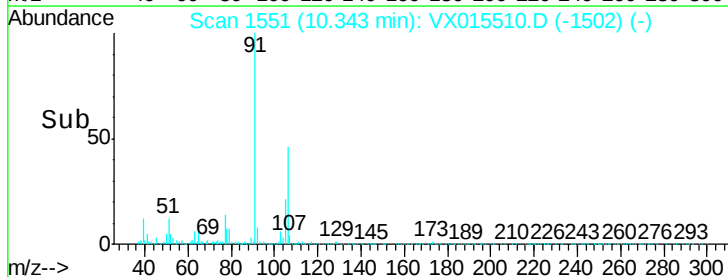
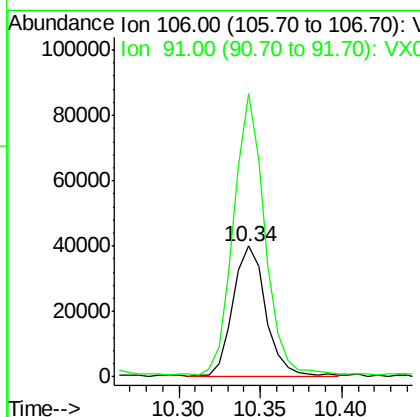
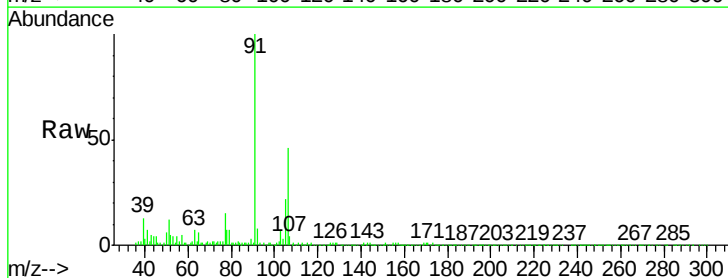
Manual Integrations
APPROVED

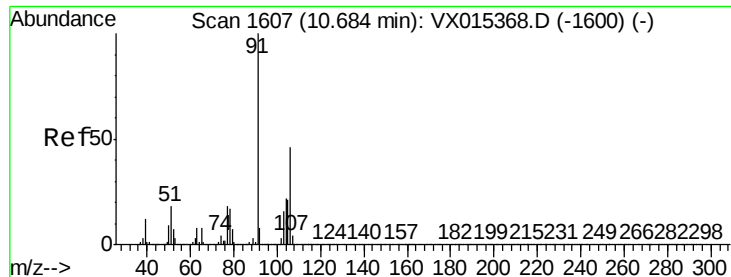
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#68
m/p-Xylenes
Concen: 2.493 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.8	163.4	245.0





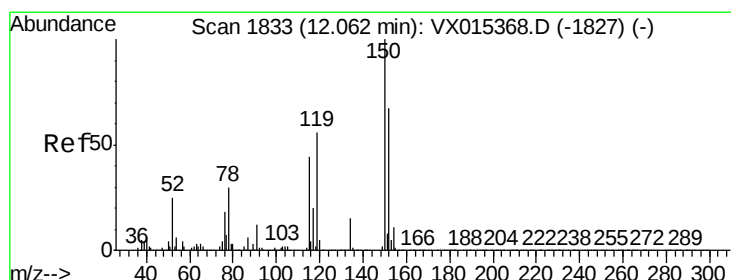
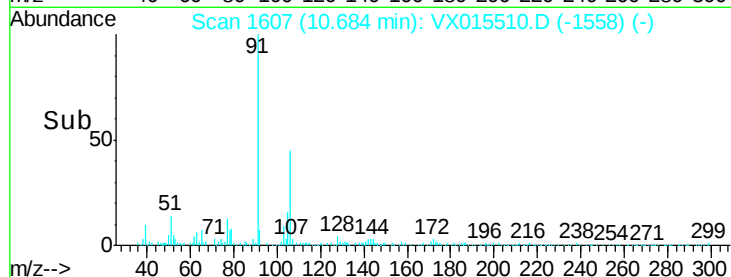
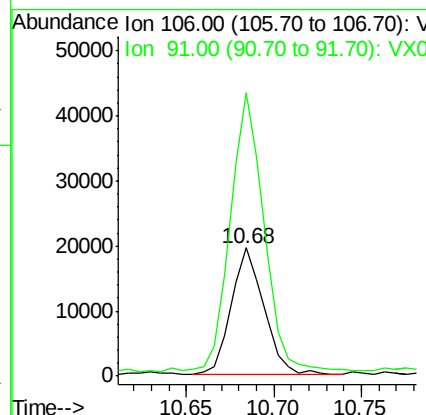
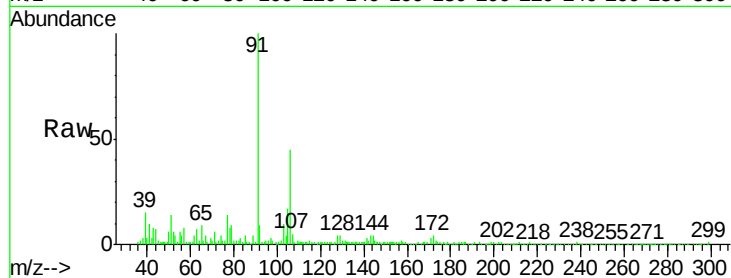
#69
o-Xylene
Concen: 1.142 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Instrument :
MSVOA_X
ClientSampled :
40789

Tot Ion	Ratio	Lower	Upper
106	100		
91	229.7	107.1	321.3

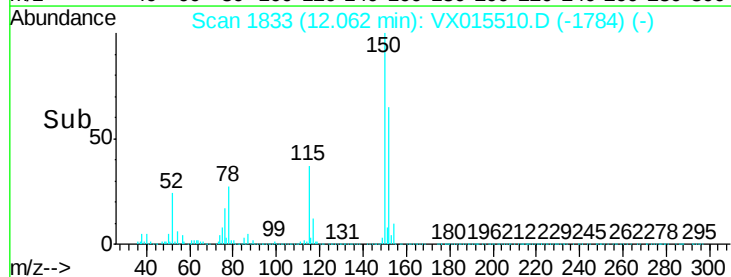
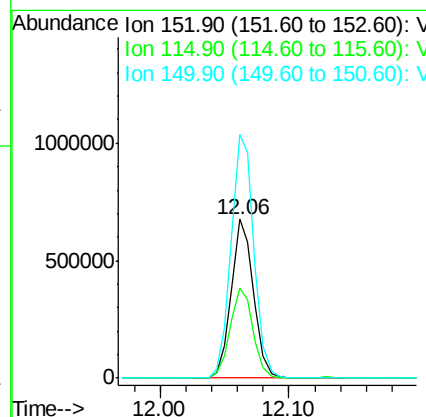
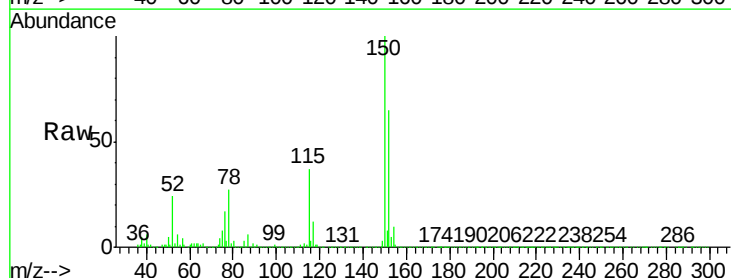
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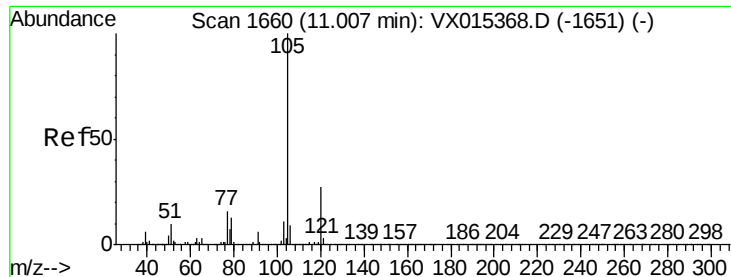
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.0	116.9
150	157.7	0.0	340.8





#73

Isopropylbenzene

Concen: 0.246 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

Instrument :

MSVOA_X

ClientSampleId :

40789

Tot Ion:105 Resp: 13213

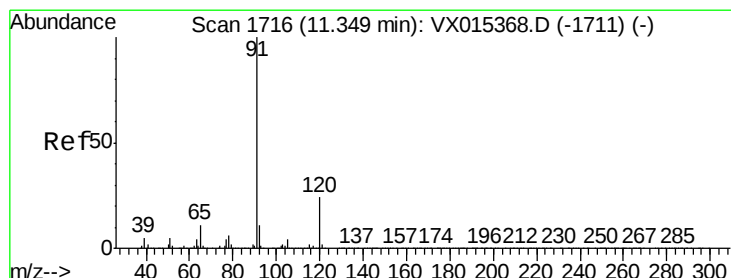
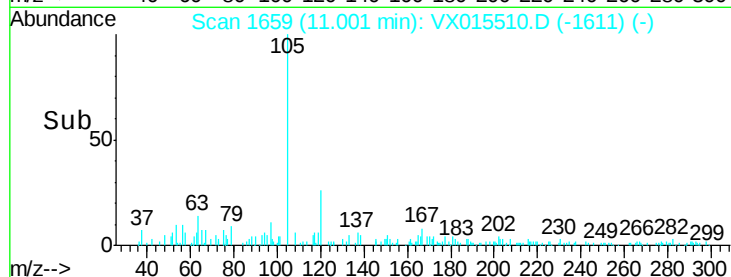
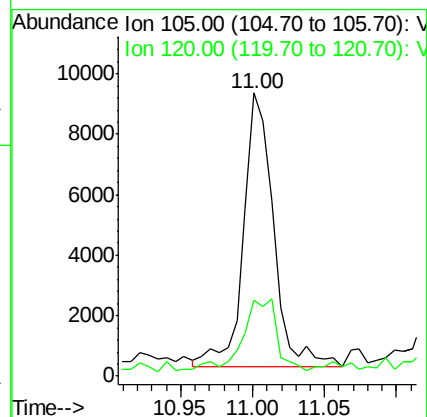
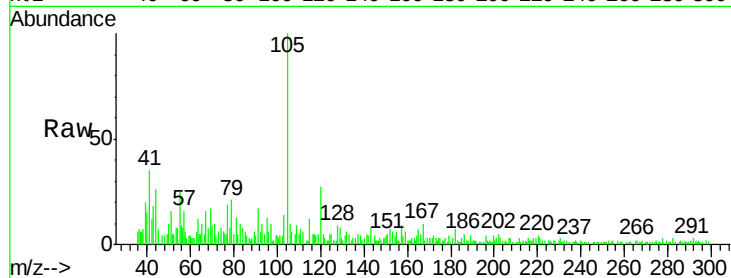
Ion Ratio Lower Upper

105 100

120 28.6 13.2 39.5

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#78

n-propylbenzene

Concen: 0.588 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015510.D

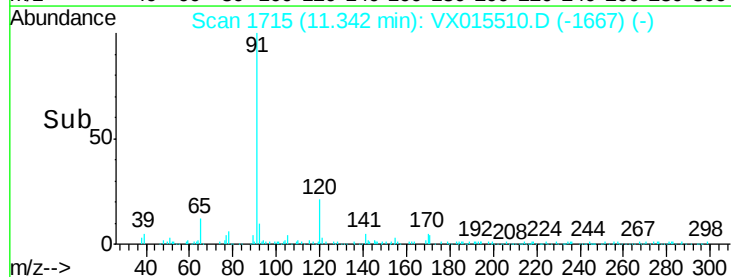
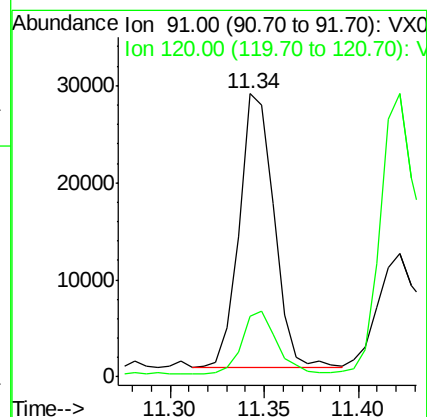
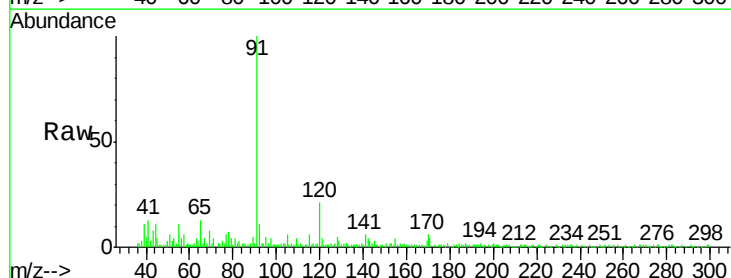
Acq: 06 Apr 2020 14:18

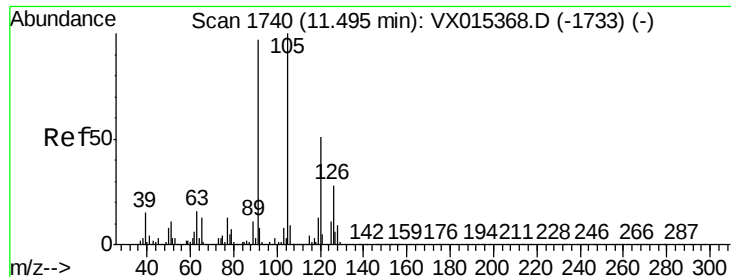
Tgt Ion: 91 Resp: 36133

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.0





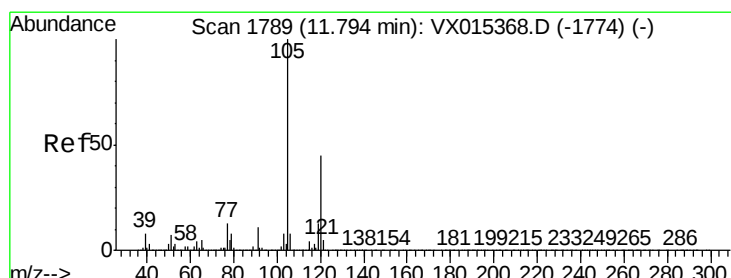
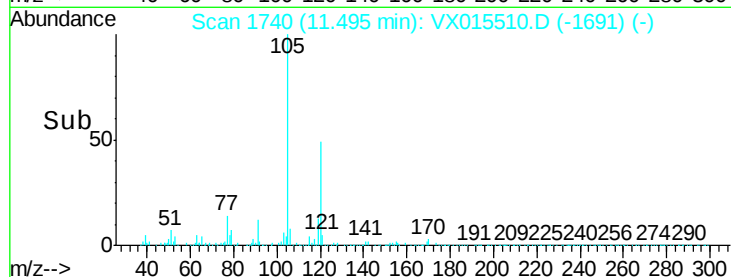
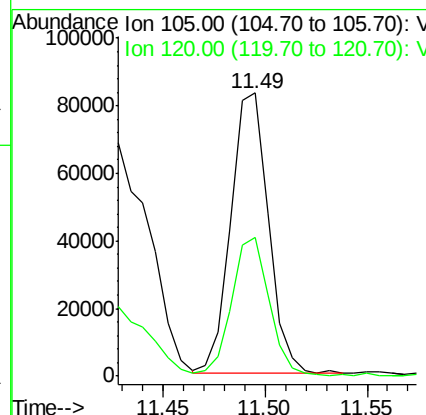
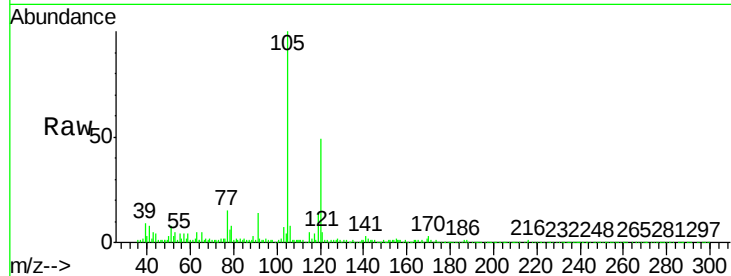
#80
 1,3,5-Trimethylbenzene
 Concen: 2.302 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 40789

Tot Ion	Ratio	Resp	Lower	Upper
105	100	105582		
120	48.6	24.8	74.4	

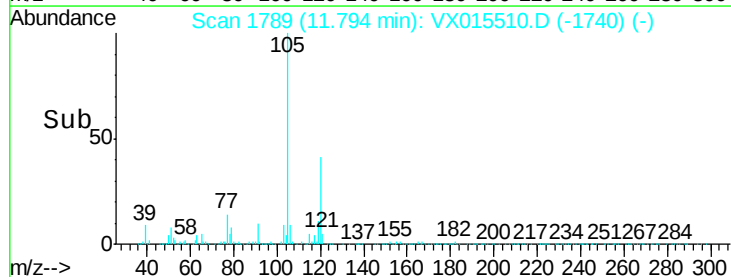
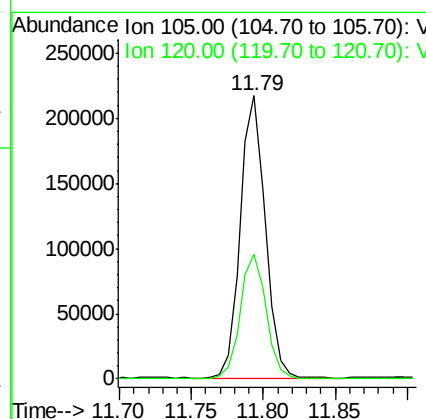
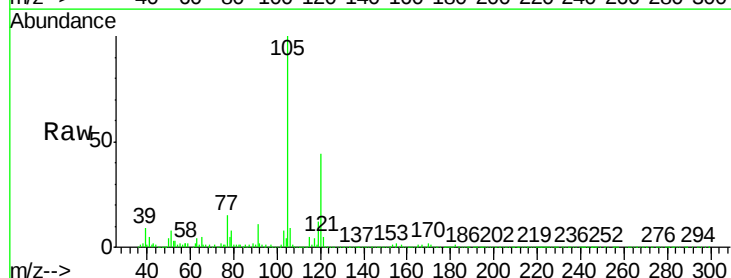
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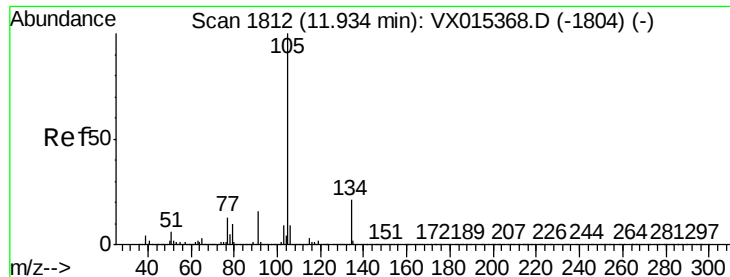
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.603 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015510.D
 Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261833		
120	46.2	22.7	68.1	





#85

sec-Butylbenzene

Concen: 0.222 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

Instrument :

MSVOA_X

ClientSampled :

40789

Tot Ion:105 Resp: 11483

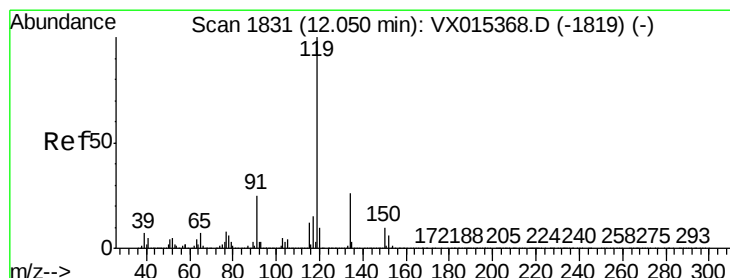
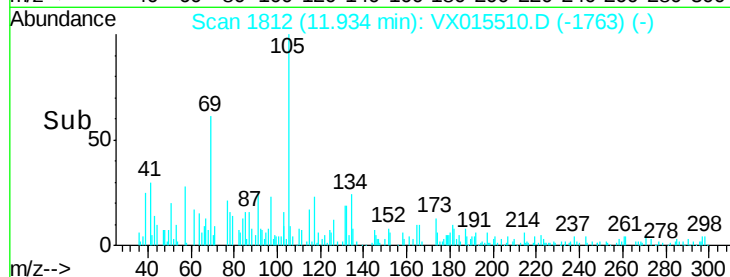
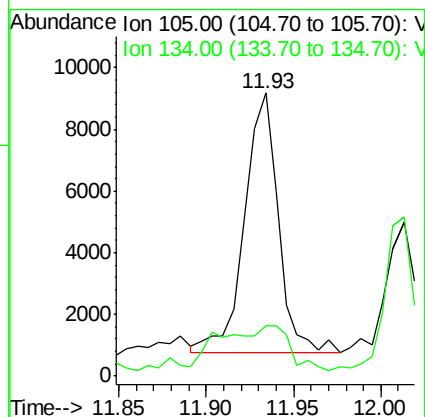
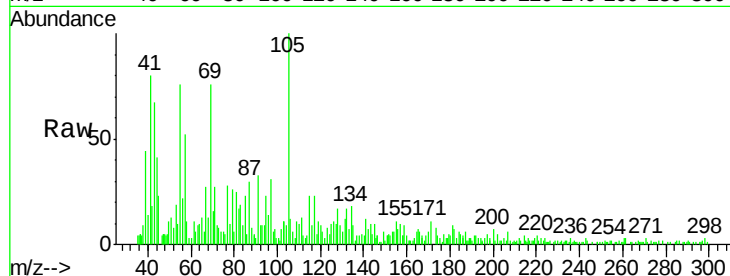
Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

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#86

p-Isopropyltoluene

Concen: 0.588 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015510.D

Acq: 06 Apr 2020 14:18

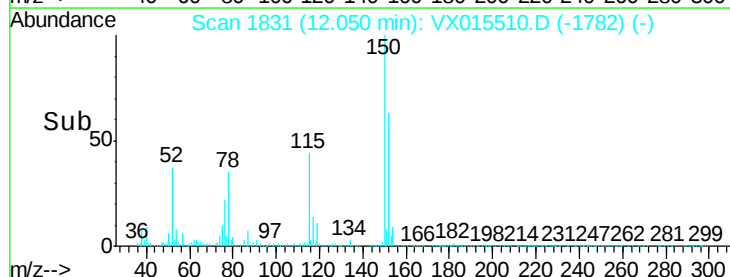
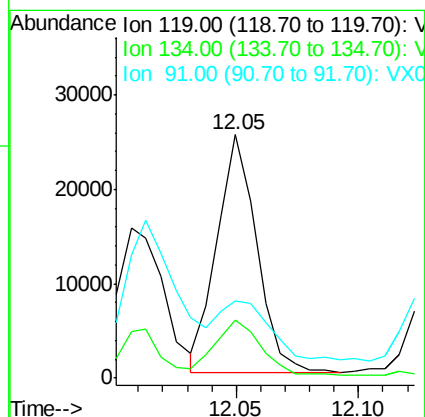
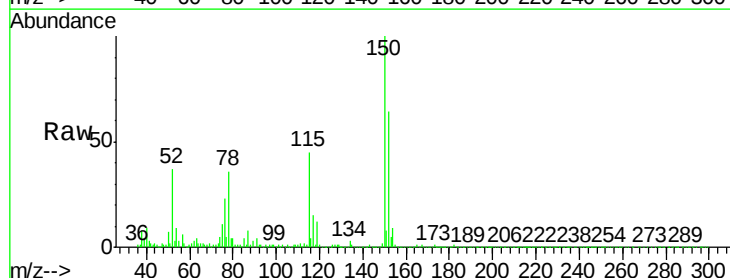
Tgt Ion:119 Resp: 28262

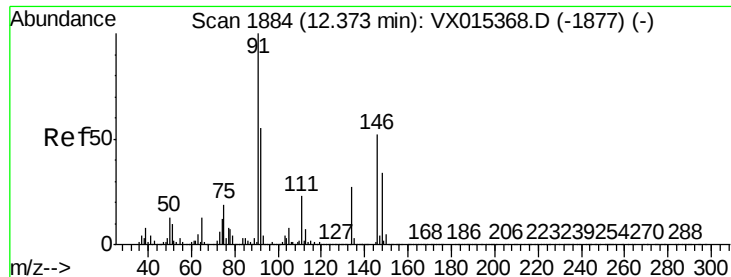
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 34.7 12.4 37.4





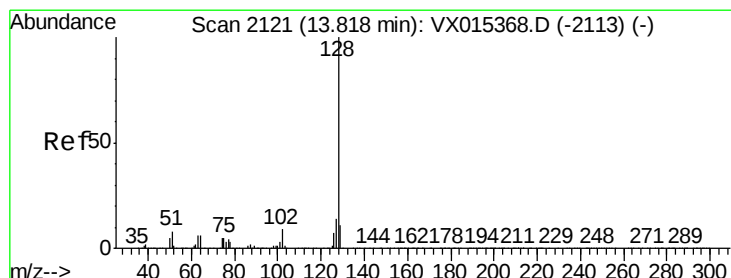
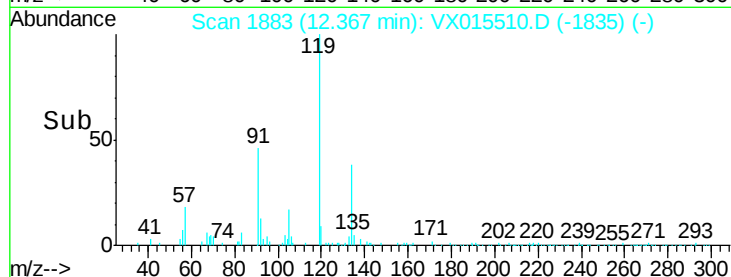
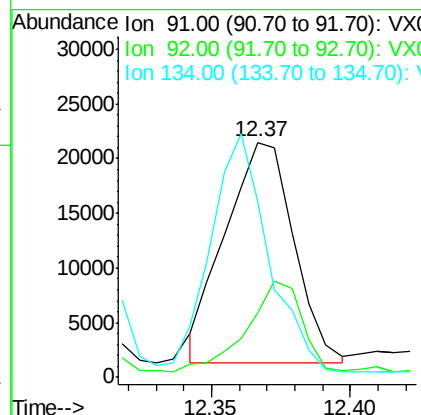
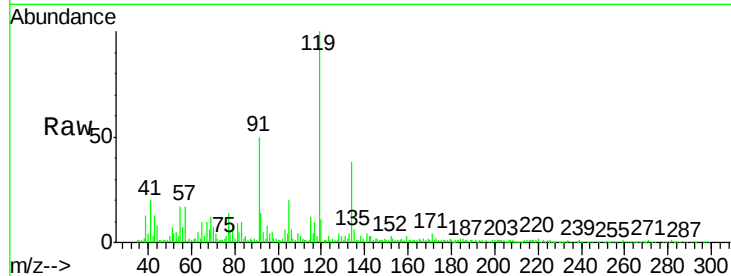
#89
n-Butylbenzene
Concen: 0.795 ug/l m
RT: 12.37 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Instrument :
MSVOA_X
ClientSampleId :
40789

Tot Ion	Ratio	Resp	Lower	Upper
91	100	34562		
92	32.3	27.2	81.5	
134	93.9	13.4	40.2	

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#95
Naphthalene
Concen: 1.732 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015510.D
Acq: 06 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	104880		
127	13.4	10.6	15.8	
129	34.5	8.8	13.2	

