

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015921.D
 Acq On : 24 Apr 2020 03:35
 Operator : JC/SP
 Sample : L2380-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:24 AM

Quant Time: Apr 24 08:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	804393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1260212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1253542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	679489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	471667	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.47	113	384461	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	8.70	98	1551467	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.12	95	650232	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	7043	0.999	ug/l	98
11) Tert butyl alcohol	3.01	59	62640	33.511	ug/l #	73
16) Acetone	2.42	43	13461	3.379	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	196793	7.912	ug/l #	1
31) Cyclohexane	5.56	56	223831	16.746	ug/l	97
39) Methylcyclohexane	7.44	83	337925	23.885	ug/l	90
40) Benzene	6.12	78	125406	3.727	ug/l	99
52) Toluene	8.76	92	18846	0.874	ug/l	98
67) Ethyl Benzene	10.24	91	170166	3.866	ug/l	98
68) m/p-Xylenes	10.35	106	13503	0.817	ug/l	90
69) o-Xylene	10.68	106	15365	0.945	ug/l	92
73) Isopropylbenzene	11.00	105	12590394	291.753	ug/l	90
78) n-propylbenzene	11.34	91	12791479	258.752	ug/l	89
83) tert-Butylbenzene	11.76	119	406574	12.456	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	261570	6.847	ug/l	100
85) sec-Butylbenzene	11.93	105	1247886	29.002	ug/l	100
89) n-Butylbenzene	12.37	91	917068m	25.494	ug/l	
95) Naphthalene	13.82	128	118045	2.537	ug/l #	84

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

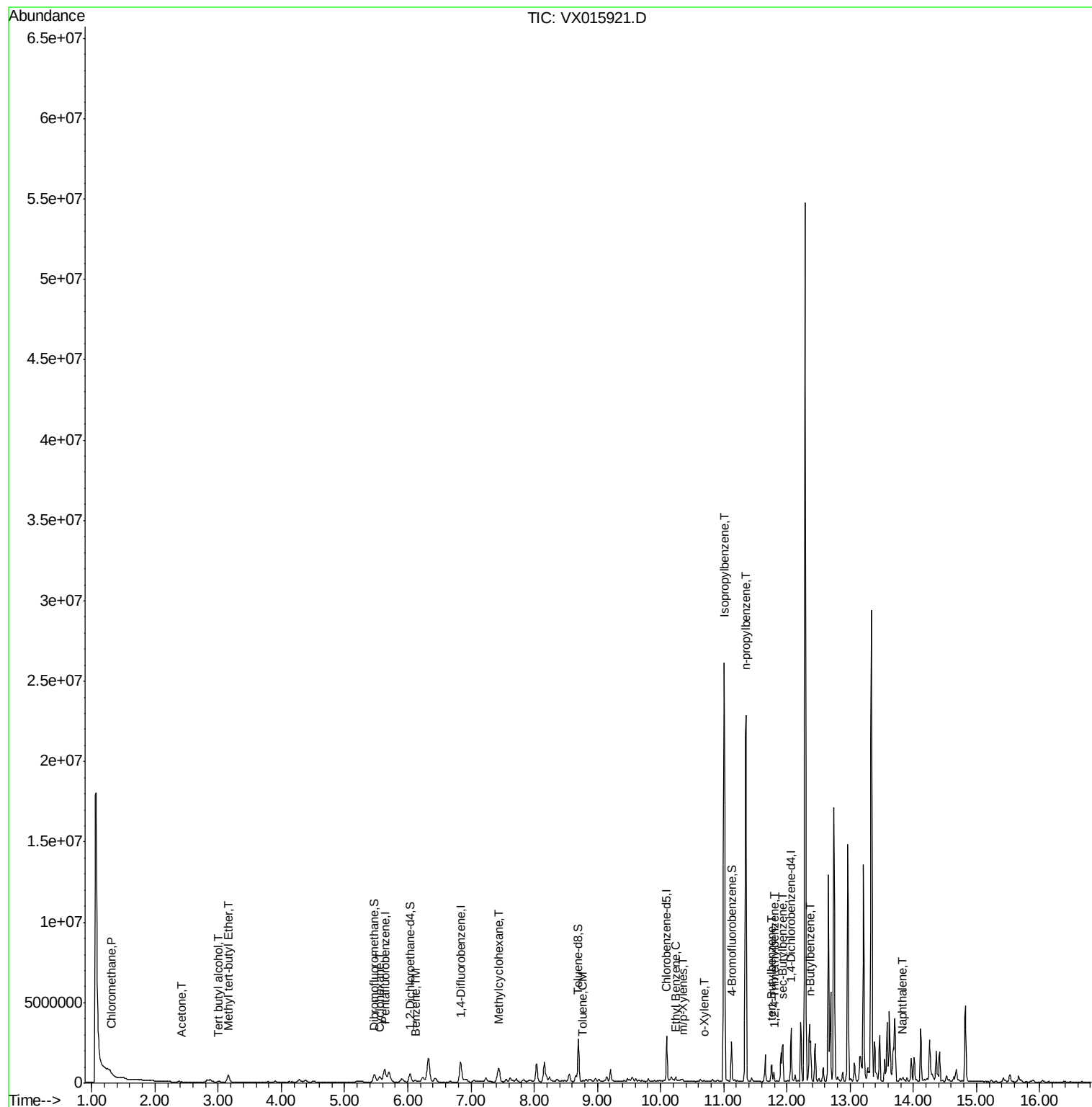
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015921.D
Acq On : 24 Apr 2020 03:35
Operator : JC/SP
Sample : L2380-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

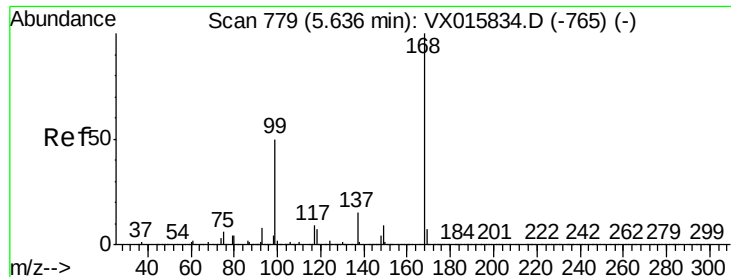
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

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Quant Time: Apr 24 08:39:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

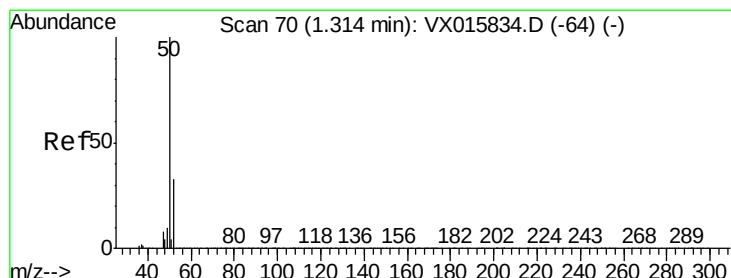
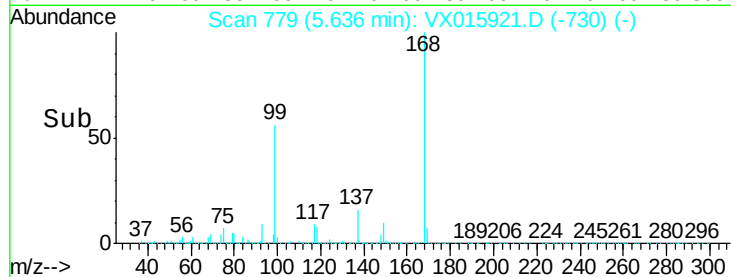
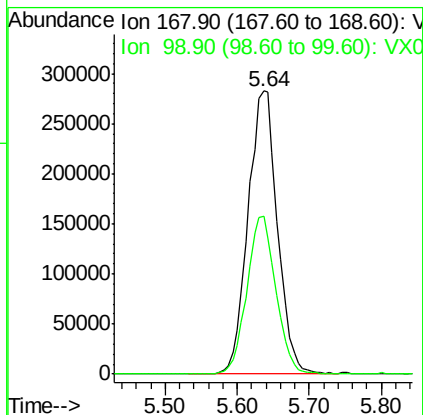
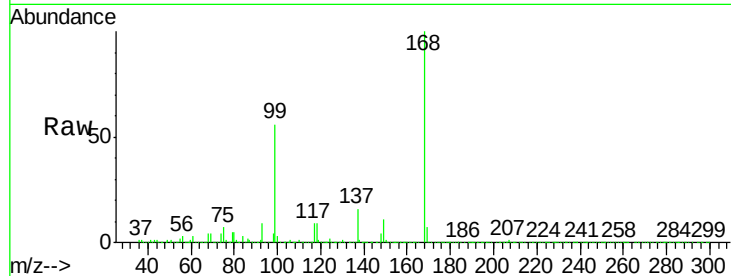
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.5	40.3	60.5

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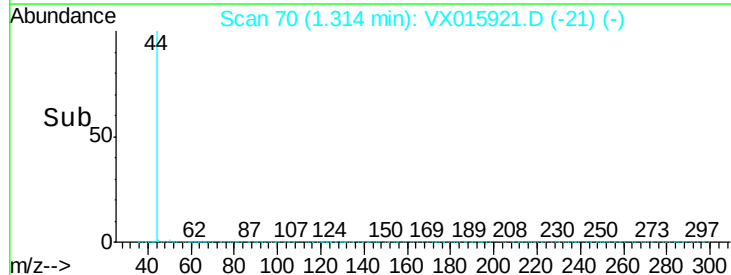
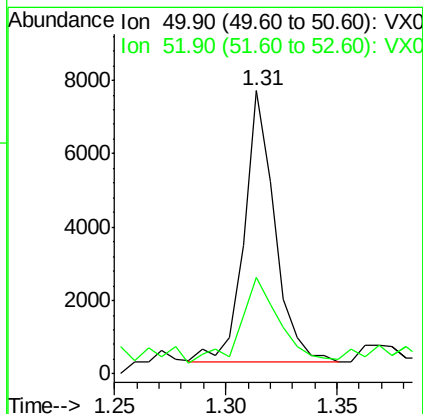
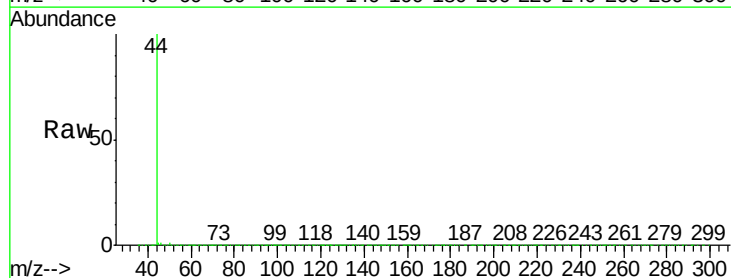
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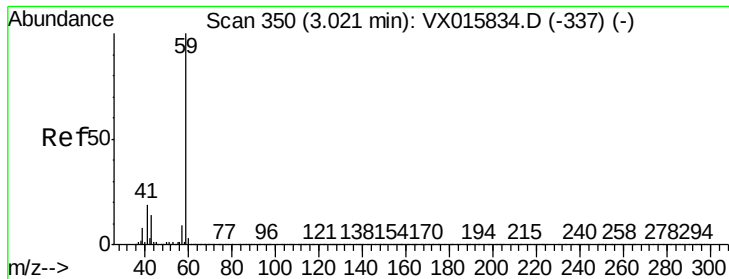


#3

Chloromethane
 Concen: 0.999 ug/l
 RT: 1.31 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.2	39.4





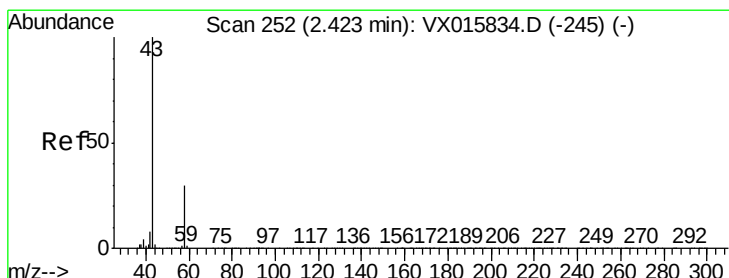
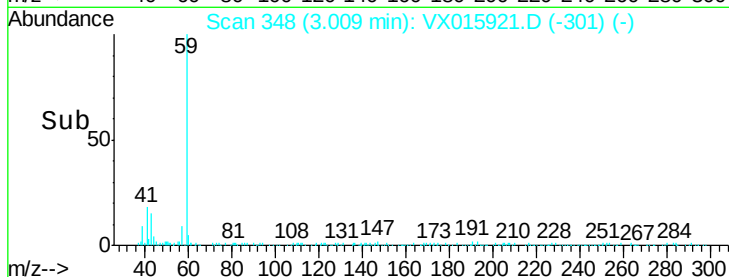
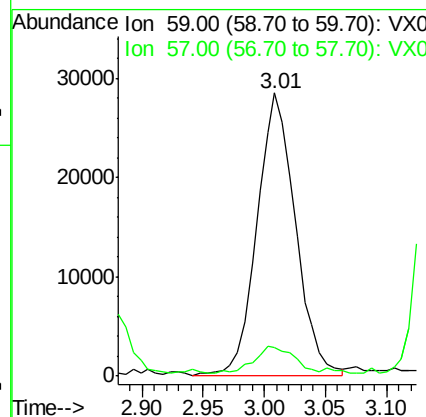
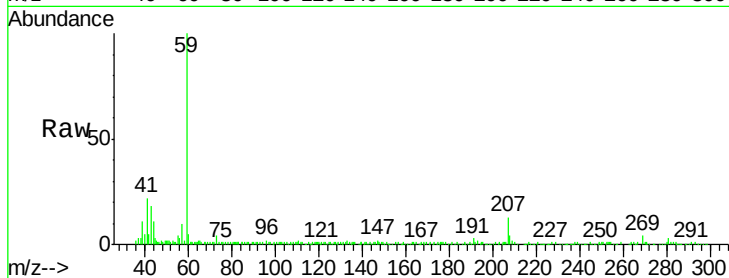
#11
Tert butyl alcohol
Concen: 33.511 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

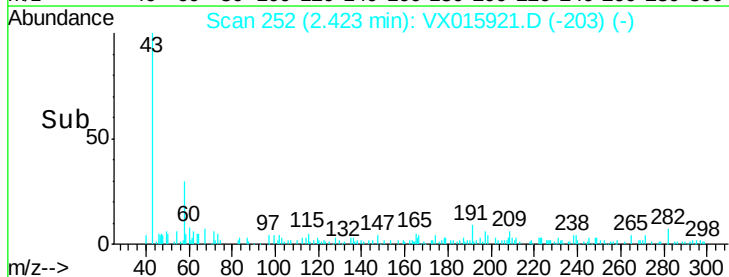
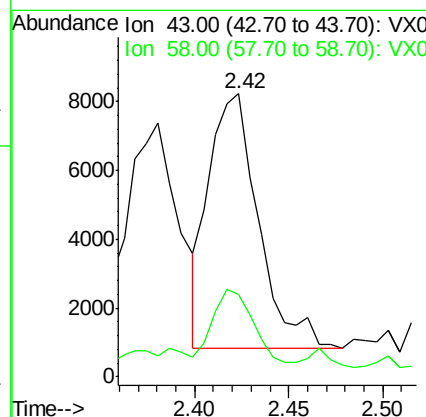
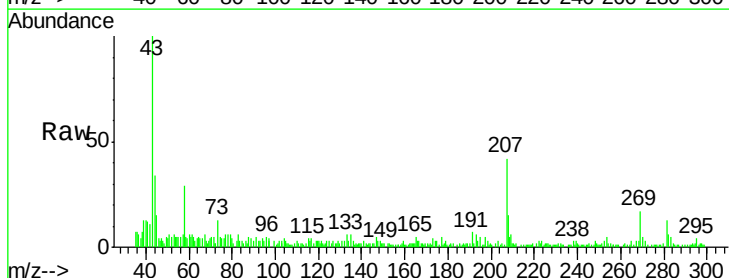
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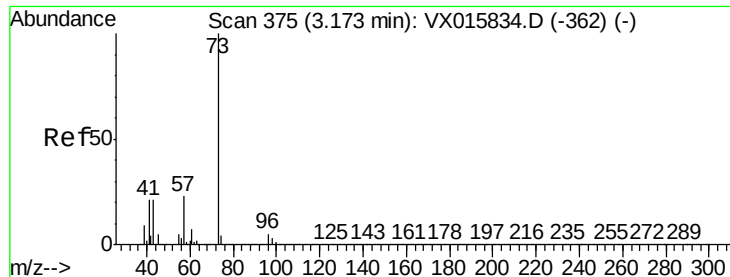
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#16
Acetone
Concen: 3.379 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.0	36.0





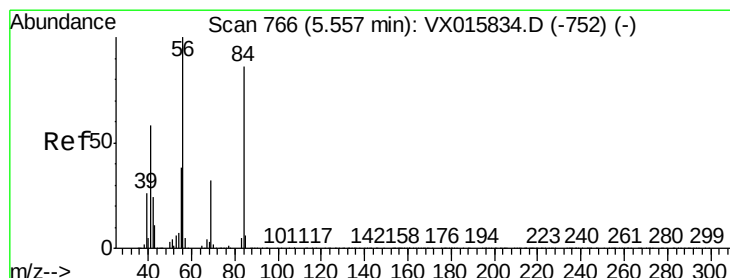
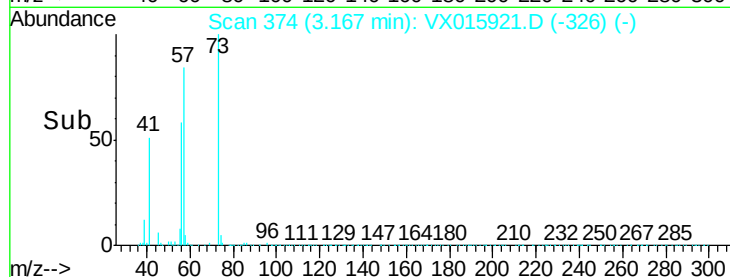
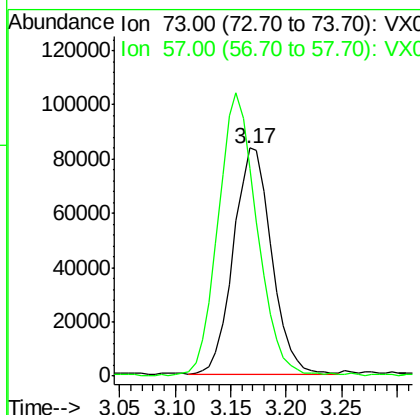
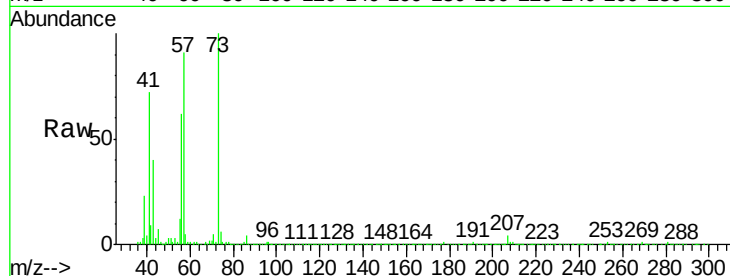
#19
Methyl tert-butyl Ether
Concen: 7.912 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
73	100		
57	91.3	18.1	27.1#

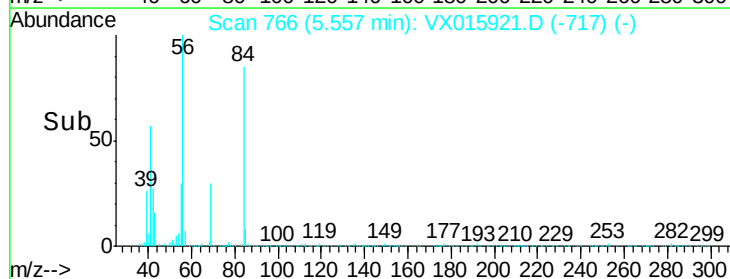
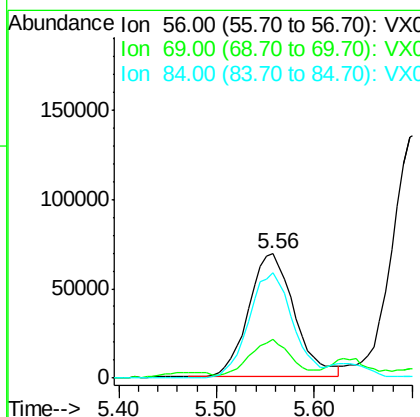
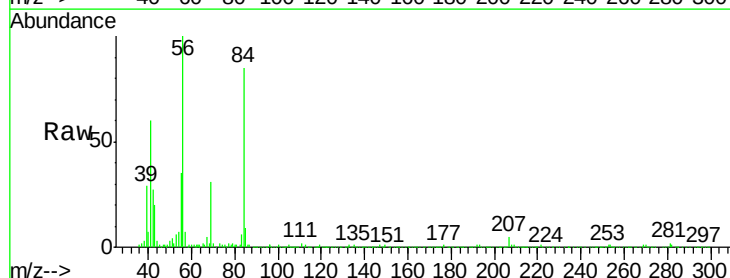
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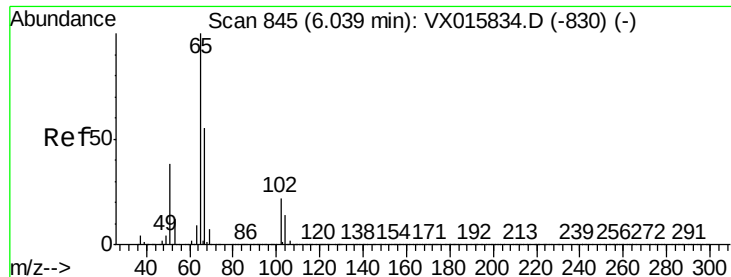
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#31
Cyclohexane
Concen: 16.746 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
56	100		
69	26.6	25.3	37.9
84	85.2	69.1	103.7





#33

1,2-Dichloroethane-d4

Concen: 51.555 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

Tot Ion: 65 Resp: 471667

Ion Ratio Lower Upper

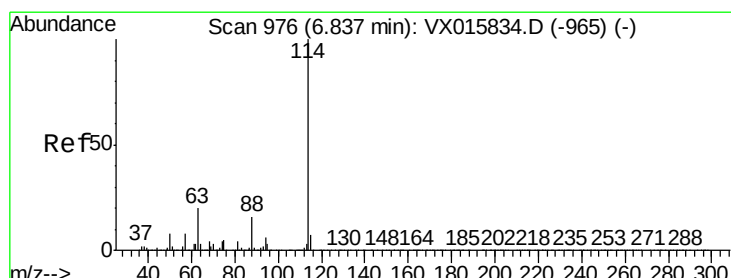
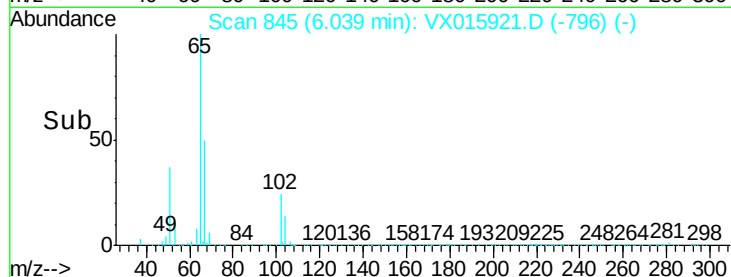
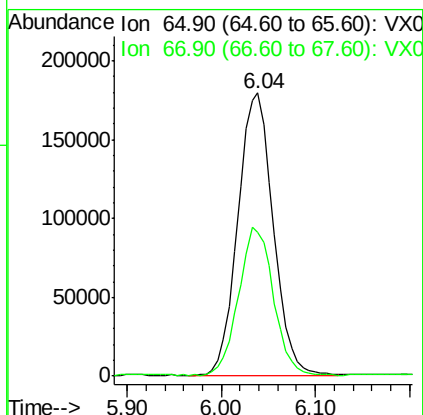
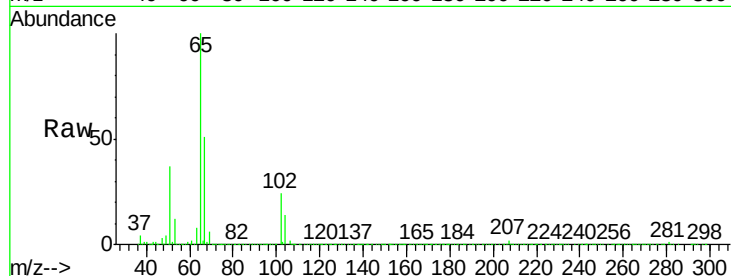
65 100

67 51.2 0.0 104.2

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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: VX015921.D

Acq: 24 Apr 2020 03:35

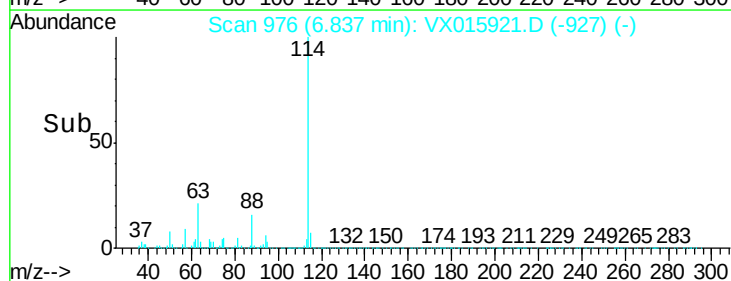
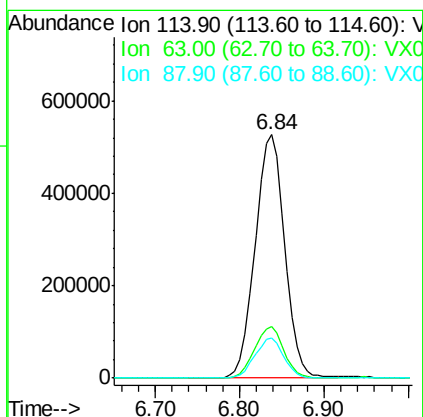
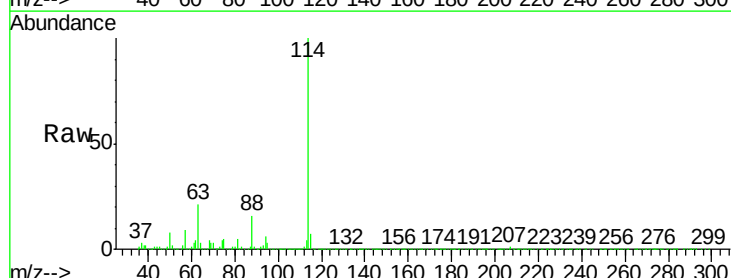
Tgt Ion: 114 Resp: 1260212

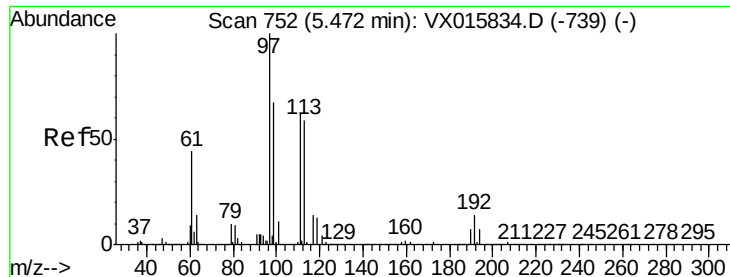
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.852 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

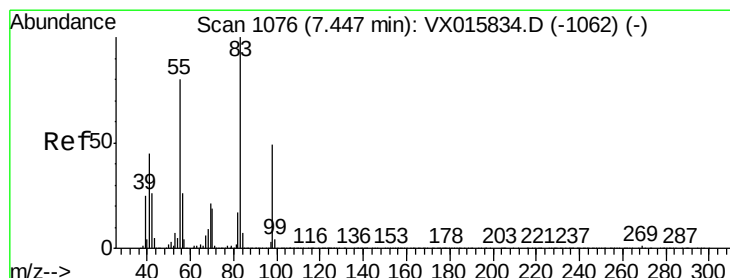
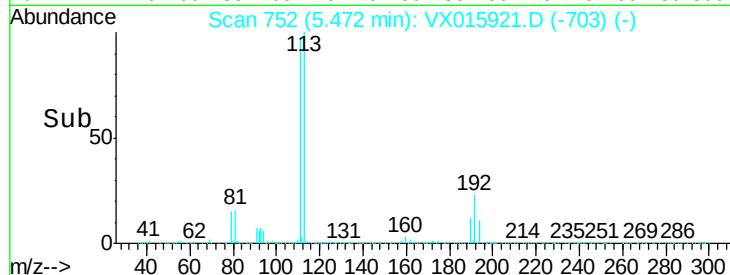
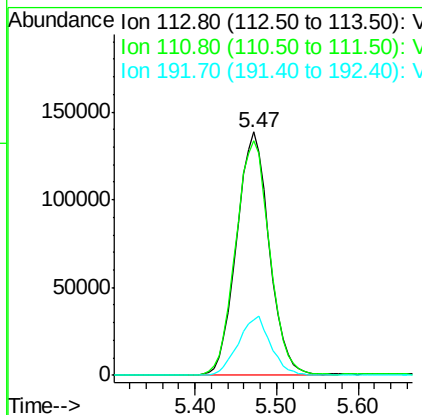
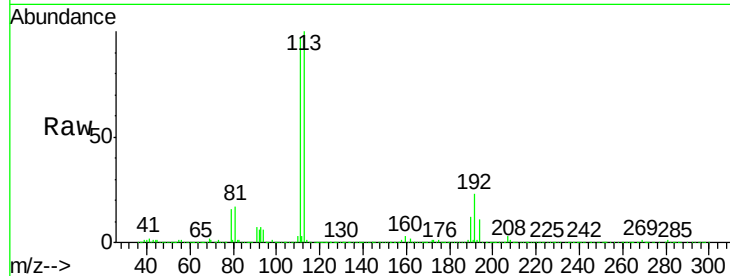
ClientSampleId :

KY001MW029-200421-FD

Tot Ion:	113	Resp:	384461
Ion Ratio	Lower	Upper	
113	100		
111	100.1	82.7	124.1
192	23.9	19.3	28.9

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#39

Methylcyclohexane

Concen: 23.885 ug/l

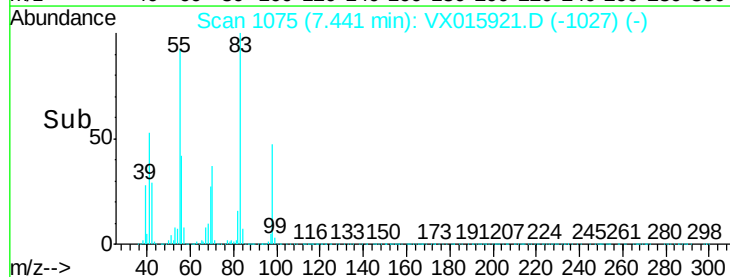
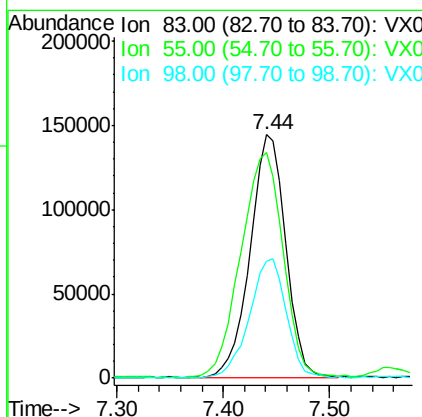
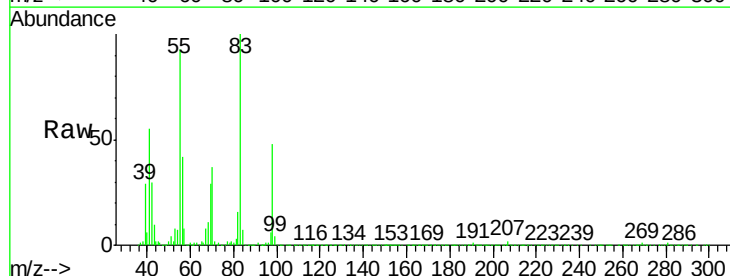
RT: 7.44 min Scan# 1075

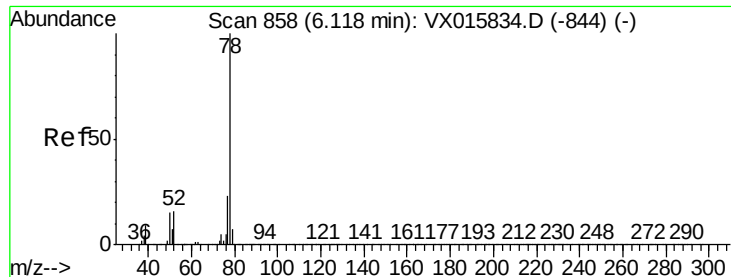
Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Tgt Ion:	83	Resp:	337925
Ion Ratio	Lower	Upper	
83	100		
55	92.7	64.2	96.4
98	47.6	39.3	58.9





#40

Benzene

Concen: 3.727 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

Tot Ion: 78 Resp: 125406

Ion Ratio Lower Upper

78 100

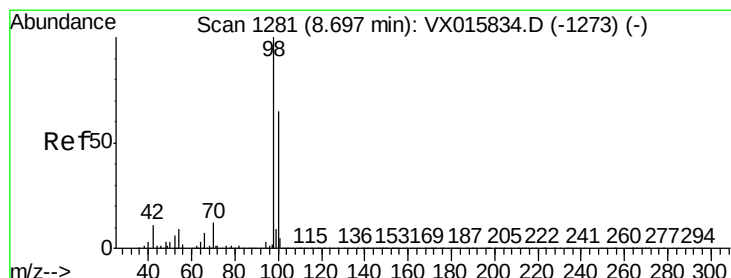
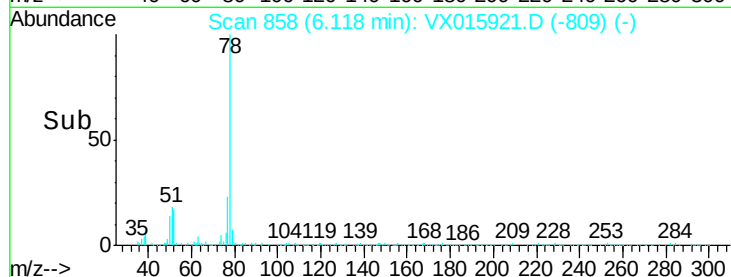
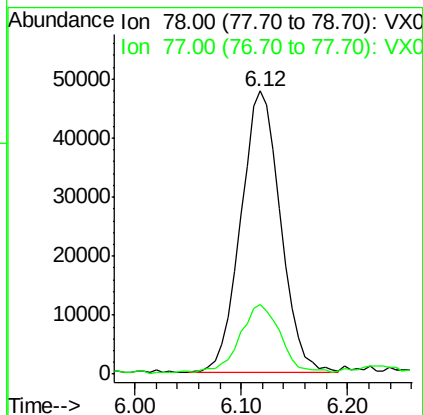
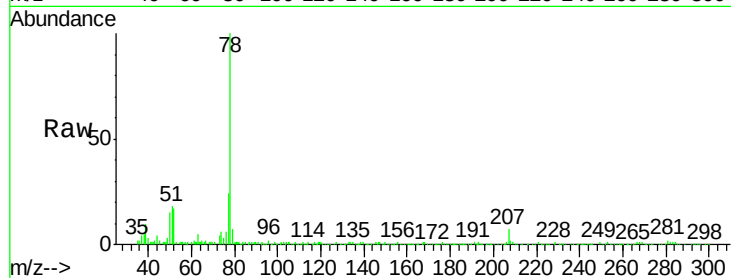
77 23.5 18.6 27.8

Manual Integrations

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#50

Toluene-d8

Concen: 52.981 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015921.D

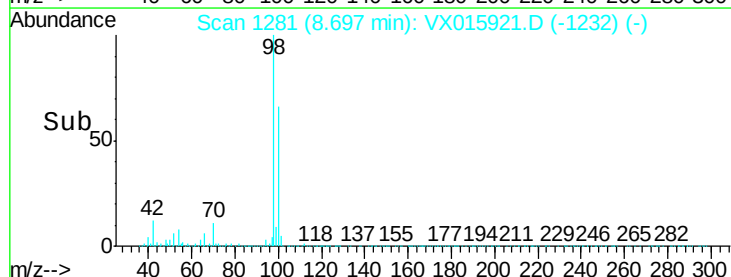
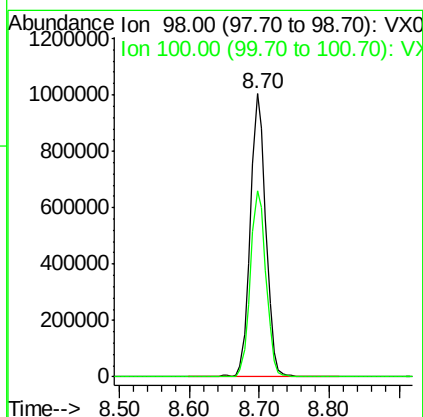
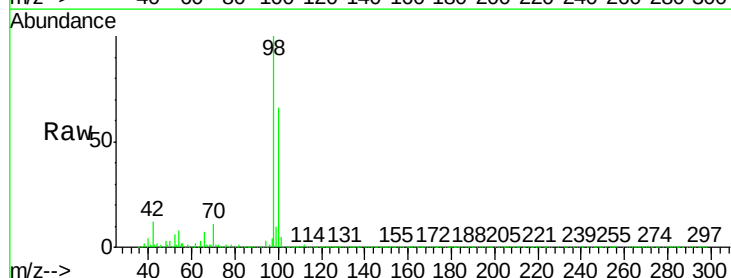
Acq: 24 Apr 2020 03:35

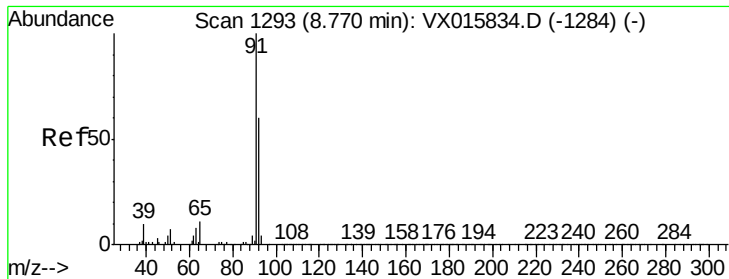
Tgt Ion: 98 Resp: 1551467

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6





#52

Toluene

Concen: 0.874 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

Tot Ion: 92 Resp: 18846

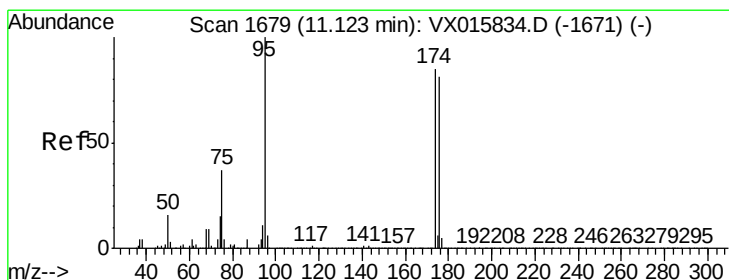
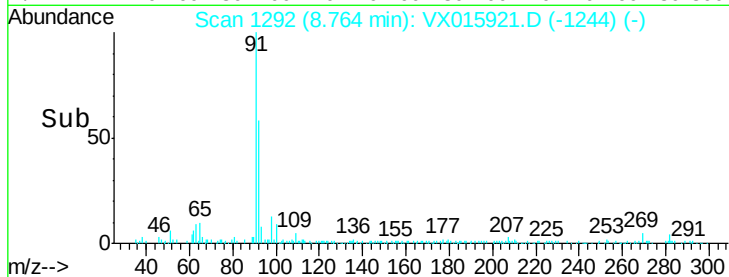
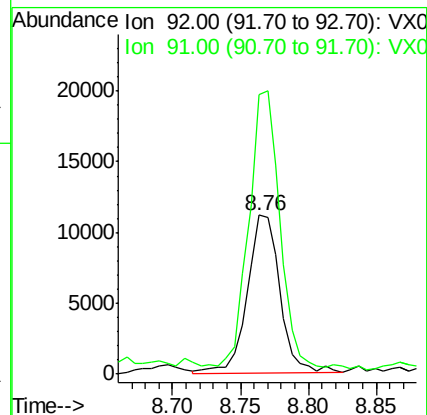
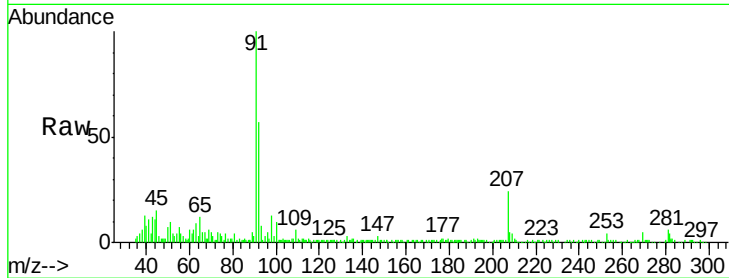
Ion Ratio Lower Upper

92 100

91 163.7 133.4 200.0

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.128 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

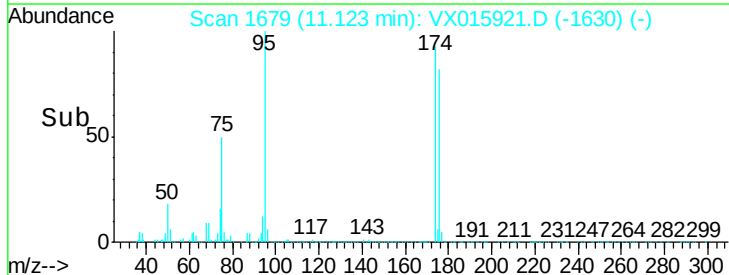
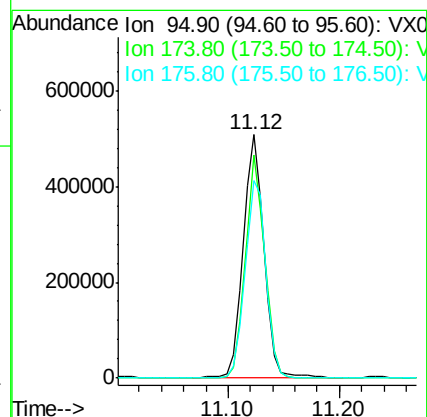
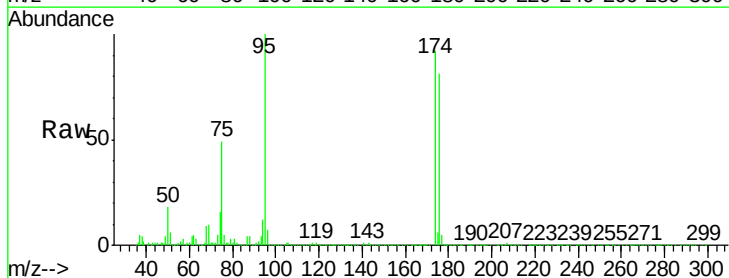
Tgt Ion: 95 Resp: 650232

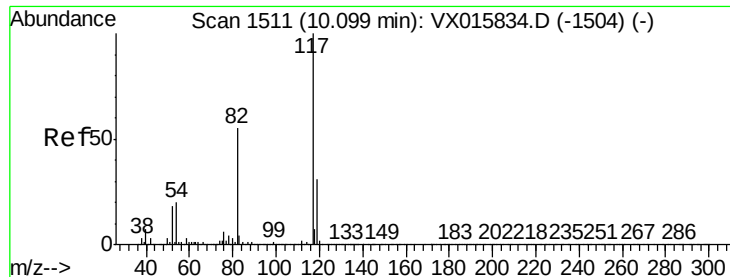
Ion Ratio Lower Upper

95 100

174 85.8 0.0 172.4

176 81.4 0.0 167.0





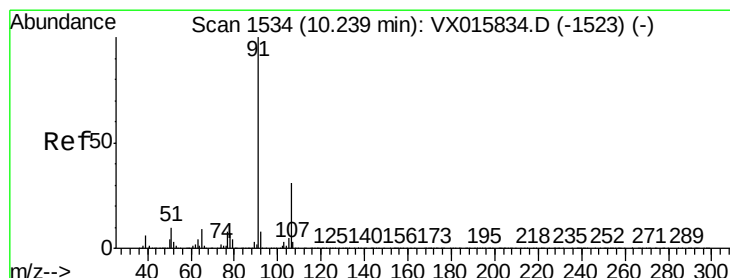
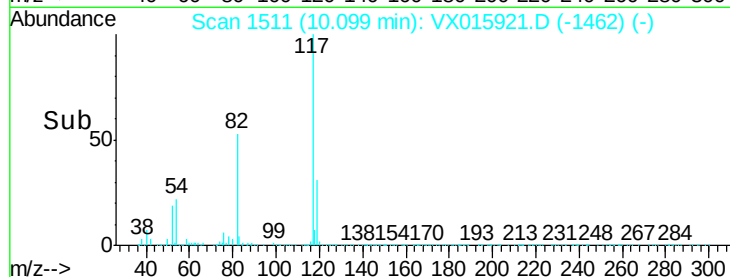
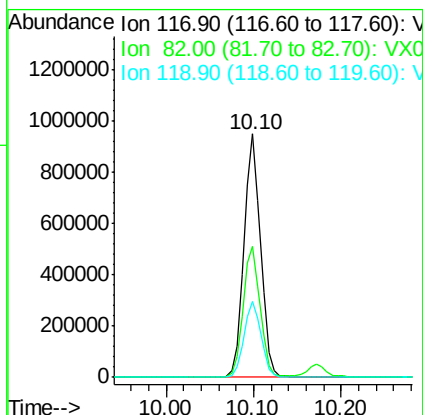
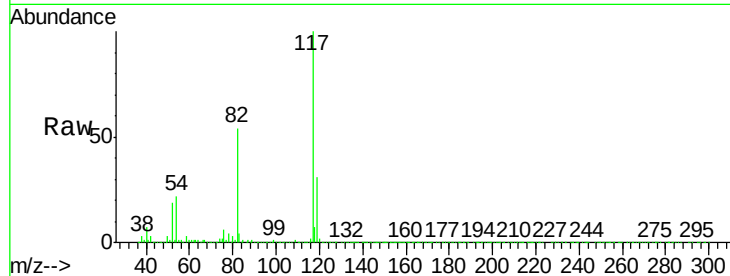
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.9	65.9
119	31.0	25.1	37.7

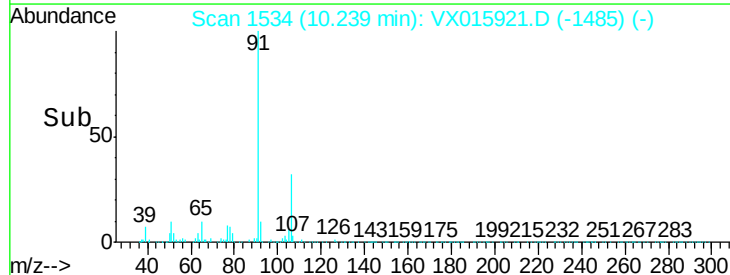
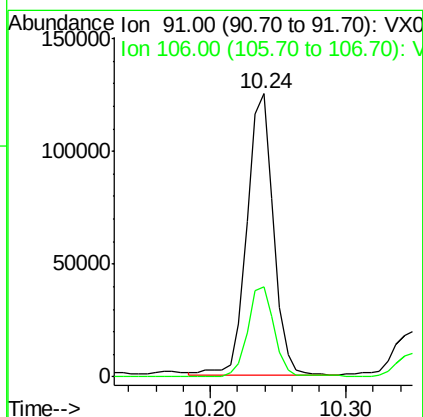
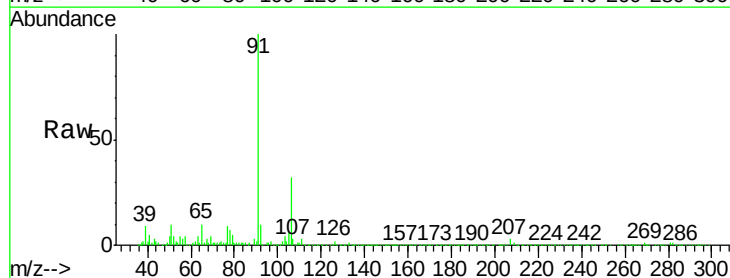
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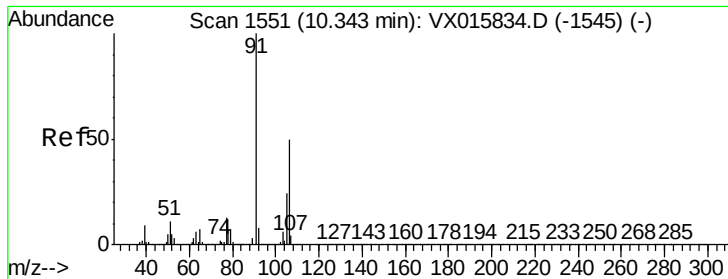
MMDadoda
4/24/2020 11:35:24 AM



#67
Ethyl Benzene
Concen: 3.866 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.0	37.4





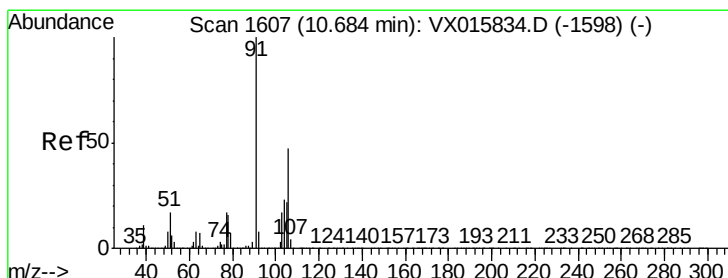
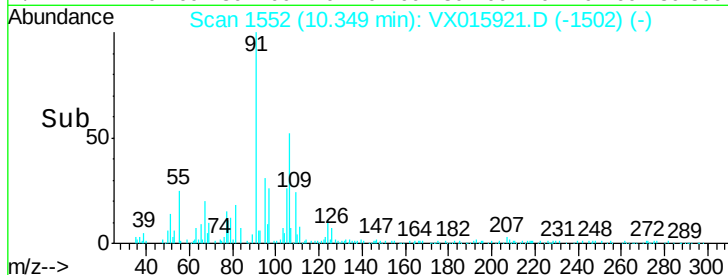
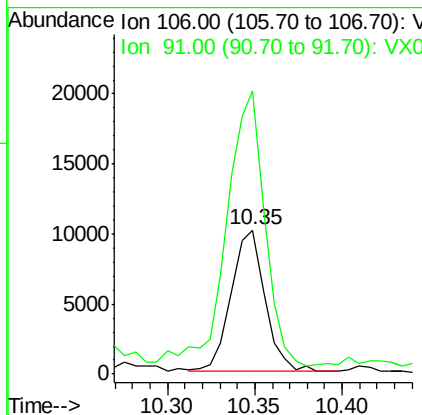
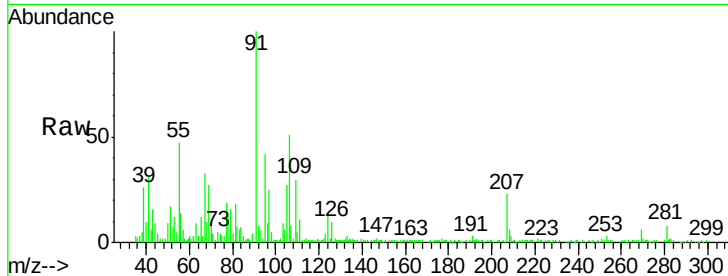
#68
m/p-Xylenes
Concen: 0.817 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.4	161.1	241.7

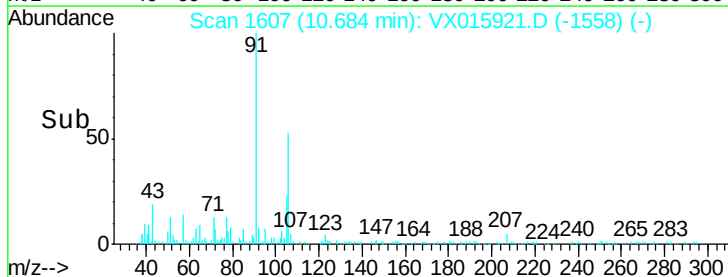
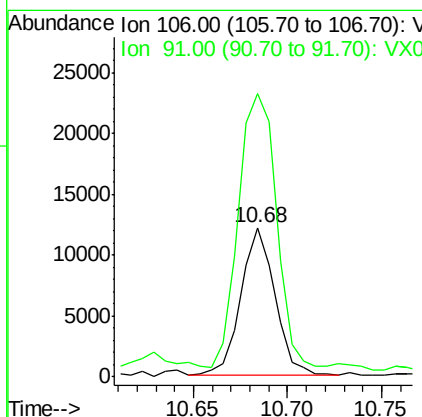
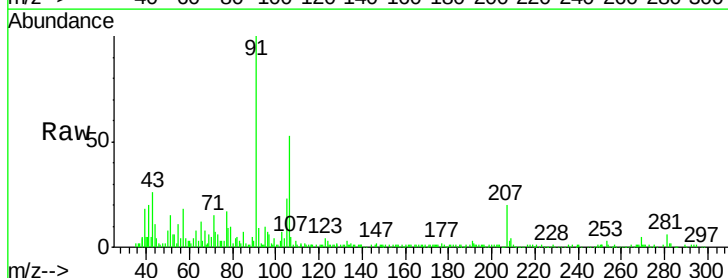
Manual Integrations
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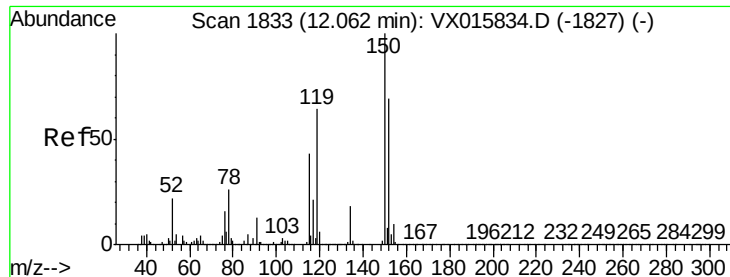
MMDadoda
4/24/2020 11:35:24 AM



#69
o-Xylene
Concen: 0.945 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.0	107.1	321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

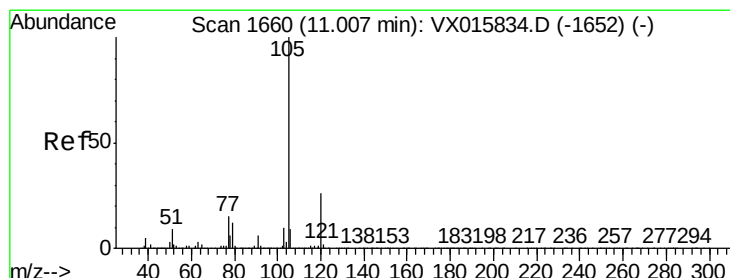
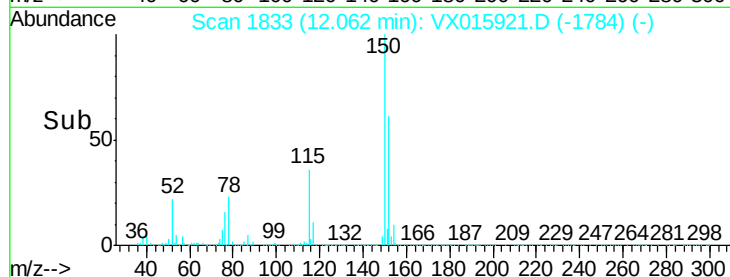
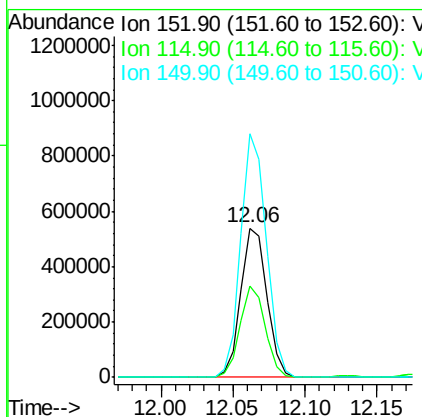
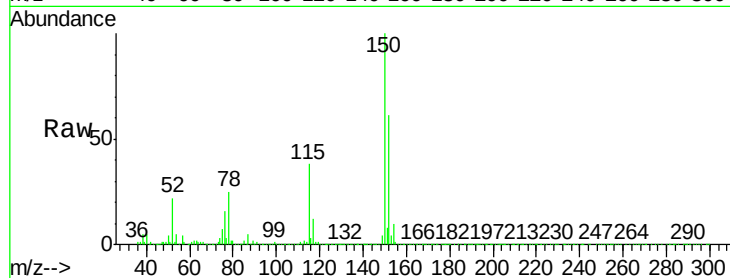
ClientSampleId :

KY001MW029-200421-FD

Tot Ion:	152	Resp:	679489
Ion Ratio	Lower	Upper	
152	100		
115	58.5	39.0	116.9
150	160.0	0.0	336.8

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#73

Isopropylbenzene

Concen: 291.753 ug/l

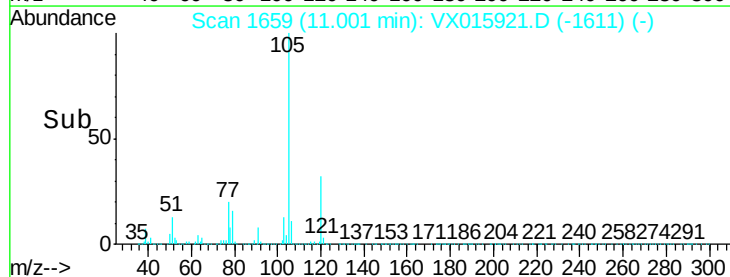
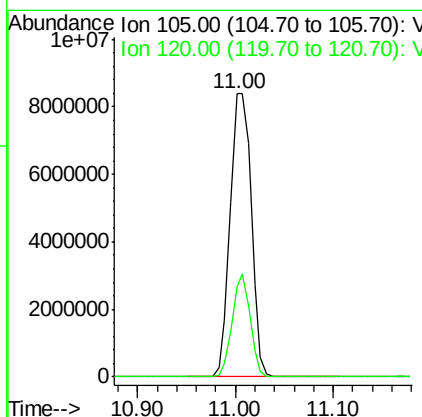
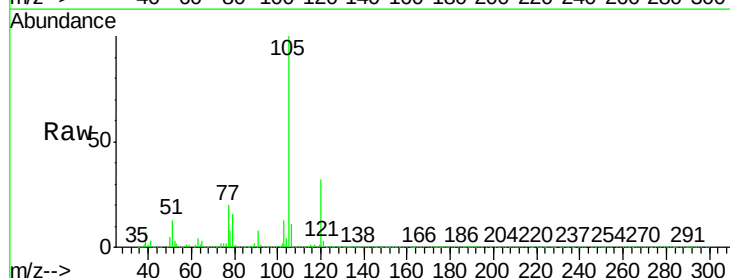
RT: 11.00 min Scan# 1659

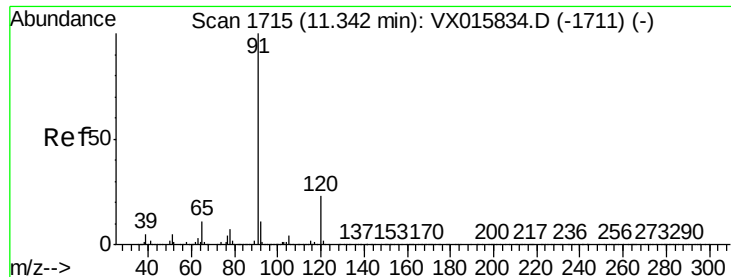
Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Tgt Ion:	105	Resp:	12590394
Ion Ratio	Lower	Upper	
105	100		
120	31.0	13.1	39.1





#78

n-propylbenzene

Concen: 258.752 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

Tot Ion: 91 Resp: 12791479

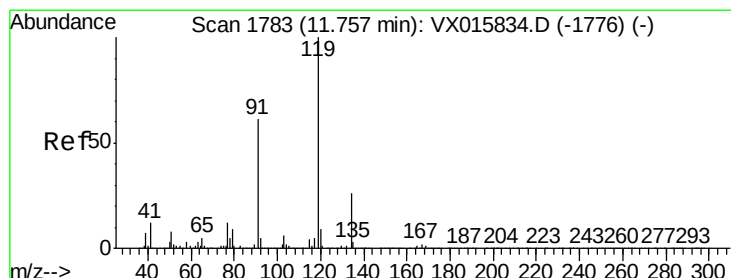
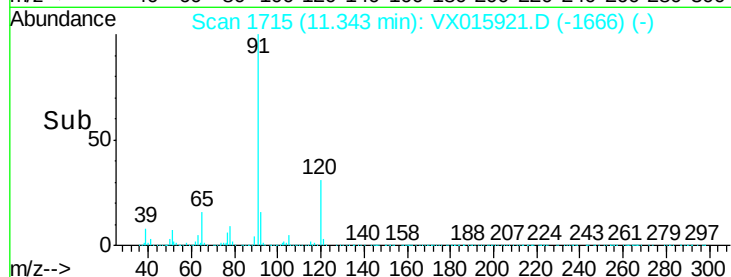
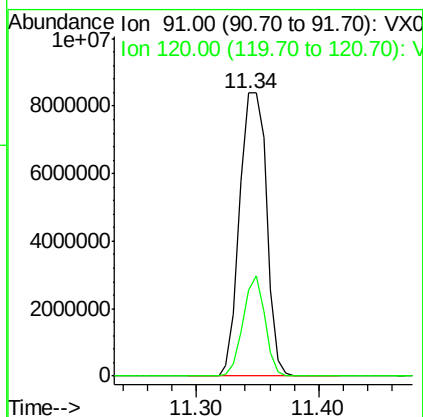
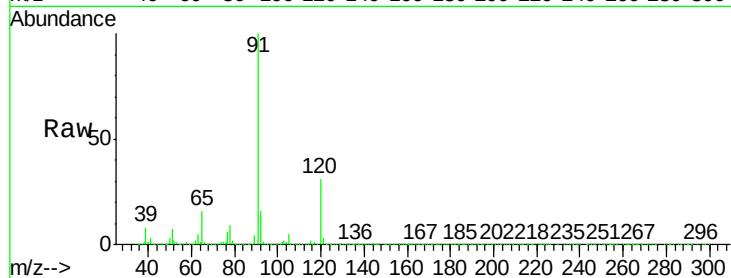
Ion Ratio Lower Upper

91 100

120 28.8 11.7 35.1

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#83

tert-Butylbenzene

Concen: 12.456 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

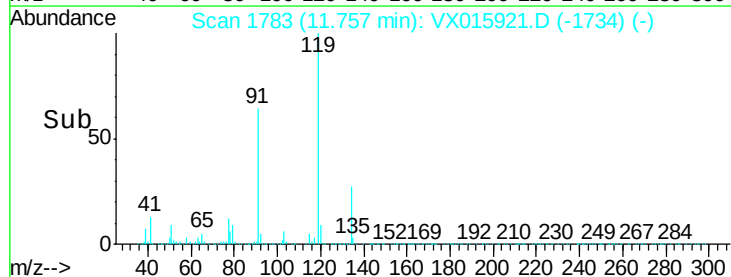
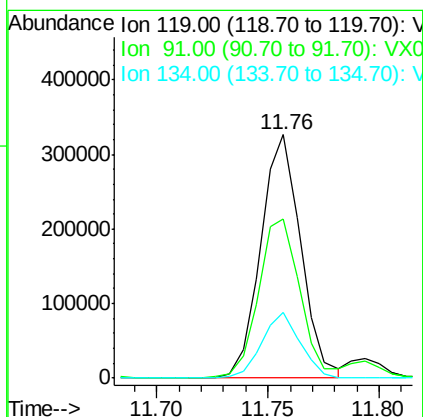
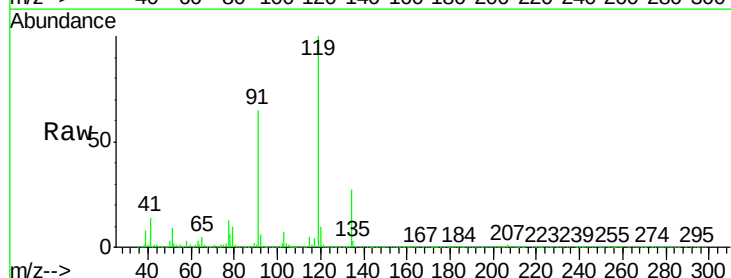
Tgt Ion: 119 Resp: 406574

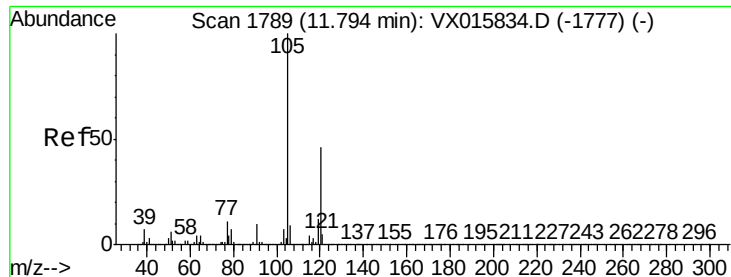
Ion Ratio Lower Upper

119 100

91 67.8 30.9 92.7

134 25.8 12.4 37.2





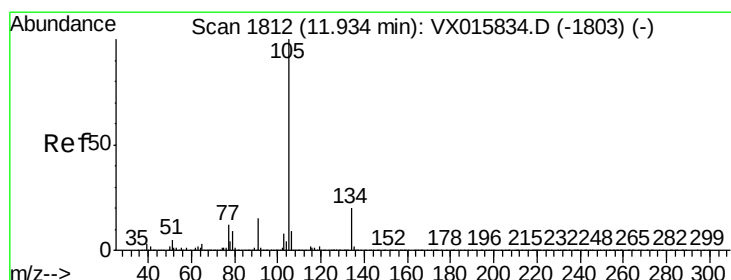
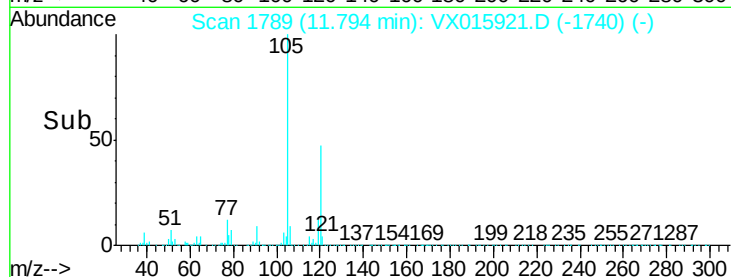
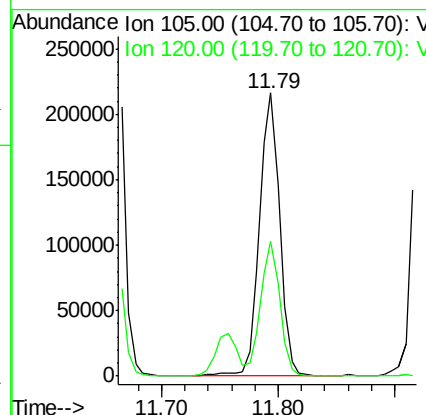
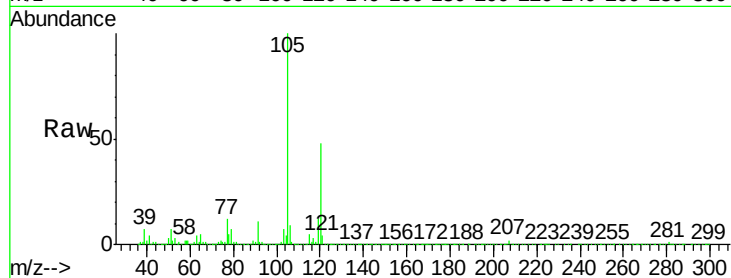
#84
 1,2,4-Trimethylbenzene
 Concen: 6.847 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

Tot Ion:105 Resp: 261570
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7

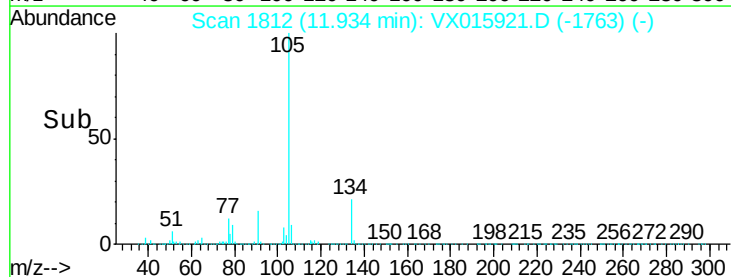
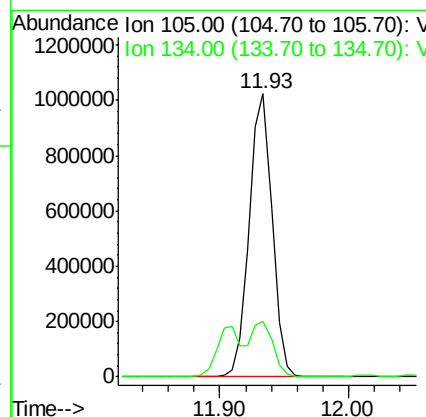
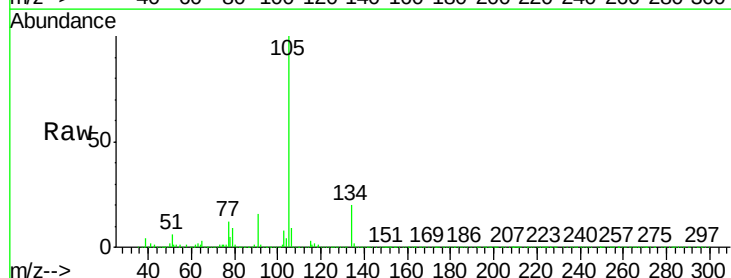
Manual Integrations
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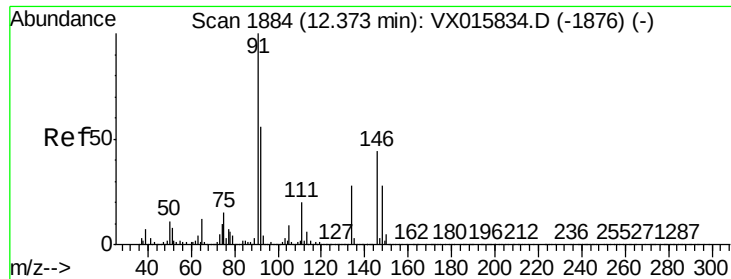
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#85
 sec-Butylbenzene
 Concen: 29.002 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Tgt Ion:105 Resp: 1247886
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8





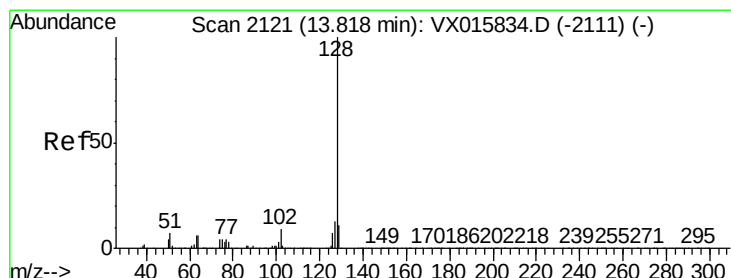
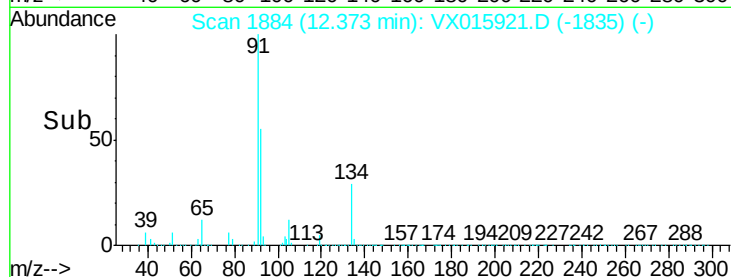
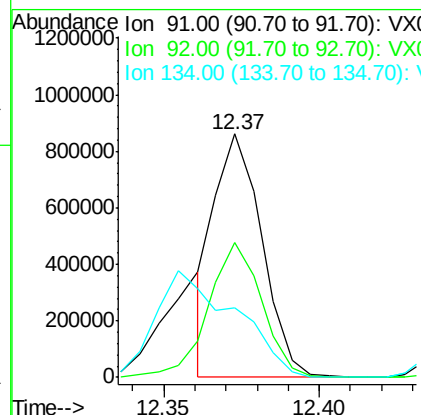
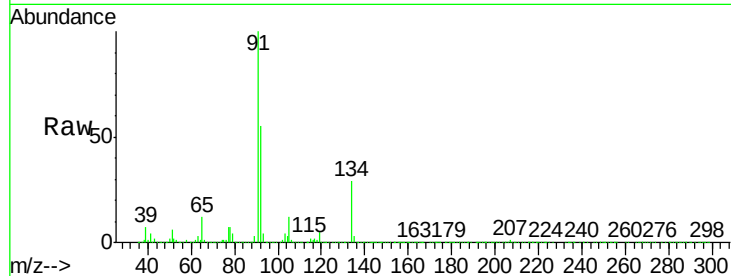
#89
n-Butylbenzene
Concen: 25.494 ug/l m
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
91	100		
92	61.8	27.7	83.1
134	73.3	14.1	42.4#

Manual Integrations
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#95
Naphthalene
Concen: 2.537 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.5	15.7
129	0.0	8.5	12.7#

