

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015870.D
 Acq On : 23 Apr 2020 03:35
 Operator : JC/SP
 Sample : L2380-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421

Manual Integrations
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 4/23/2020 12:16:28 PM

Quant Time: Apr 23 12:26:11 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	5.63	168	918989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1414315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1452808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	792860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	529382	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
35) Dibromofluoromethane	5.47	113	432416	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	8.70	98	1786926	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	11.12	95	746673	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	126635	59.298	ug/l #	73
16) Acetone	2.42	43	21802	4.790	ug/l	89
19) Methyl tert-butyl Ether	3.17	73	8986826	316.259	ug/l #	90
29) Tetrahydrofuran	5.10	42	38483	8.088	ug/l	98
31) Cyclohexane	5.56	56	769193	50.370	ug/l	98
39) Methylcyclohexane	7.44	83	579103	36.472	ug/l #	81
40) Benzene	6.12	78	8453392	223.853	ug/l	98
52) Toluene	8.77	92	27186	1.123	ug/l	99
67) Ethyl Benzene	10.23	91	21586888m	423.133	ug/l	
68) m/p-Xylenes	10.35	106	1039081	54.262	ug/l	99
69) o-Xylene	10.68	106	2053725	108.986	ug/l	99
73) Isopropylbenzene	11.01	105	11214105	222.703	ug/l	95
78) n-propylbenzene	11.34	91	12151087	210.651	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	4190877	97.606	ug/l	99
83) tert-Butylbenzene	11.76	119	139914	3.674	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	5118387	114.824	ug/l	98
85) sec-Butylbenzene	11.93	105	867908	17.287	ug/l	93
86) p-Isopropyltoluene	12.05	119	189508m	4.037	ug/l	
95) Naphthalene	13.82	128	4295069	79.099	ug/l	98

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

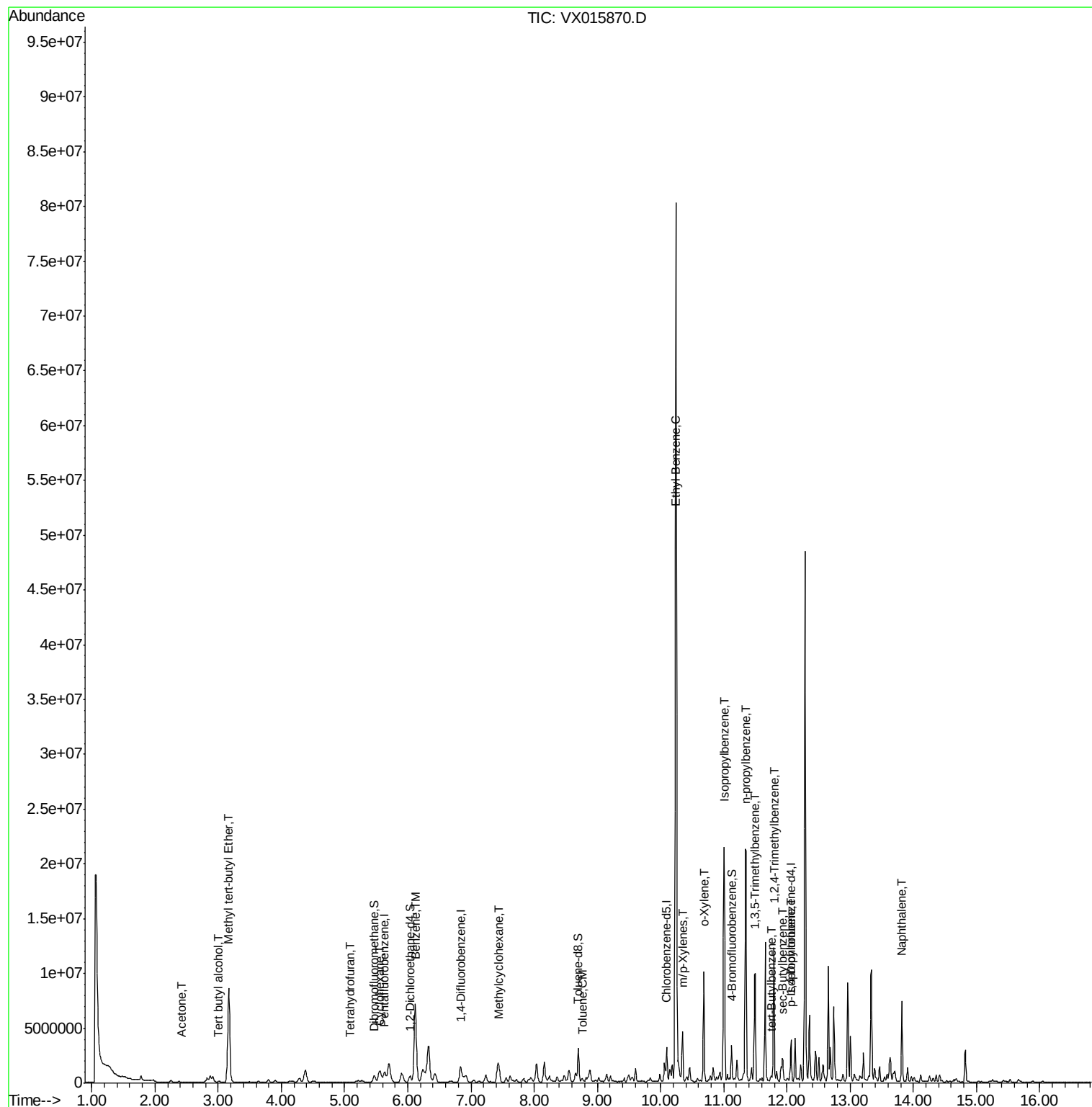
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015870.D
Acq On : 23 Apr 2020 03:35
Operator : JC/SP
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ALS Vial : 46 Sample Multiplier: 1

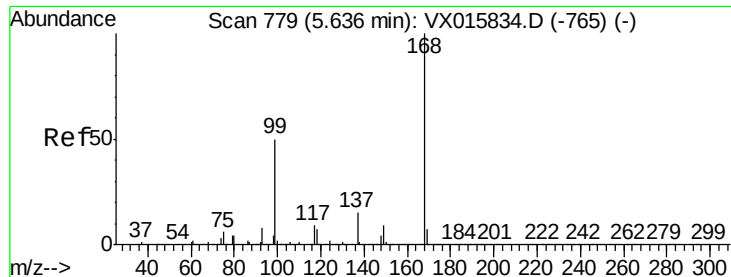
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

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Quant Time: Apr 23 12:26:11 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: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

Tot Ion:168 Resp: 918989

Ion Ratio Lower Upper

168 100

99 51.8

40.3

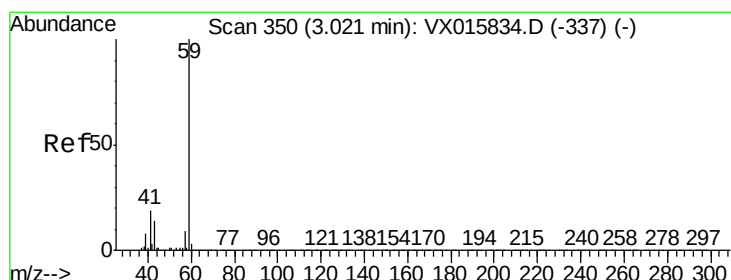
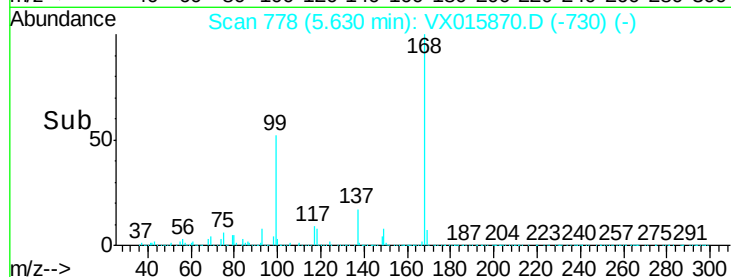
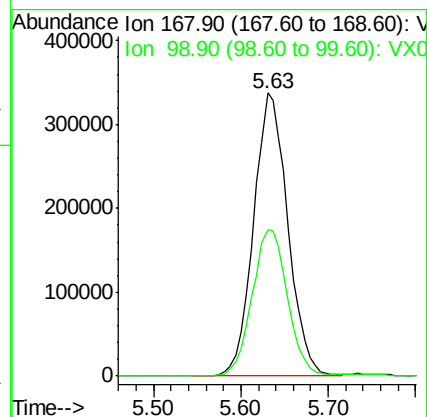
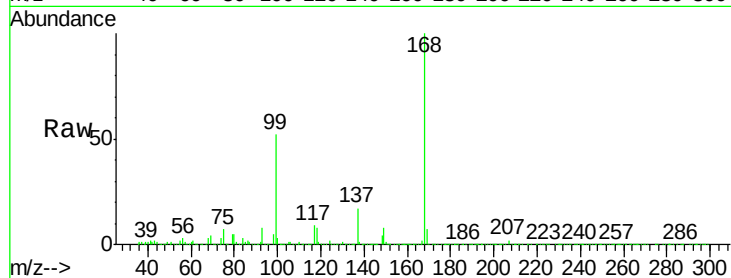
60.5

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#11

Tert butyl alcohol

Concen: 59.298 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

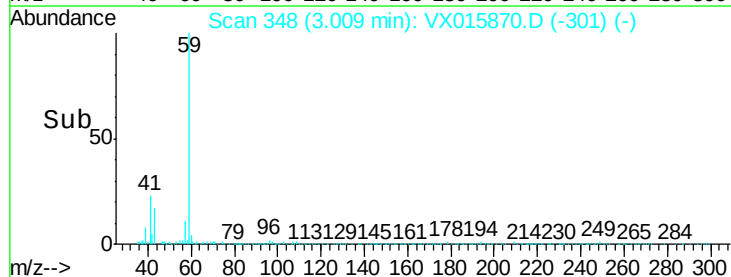
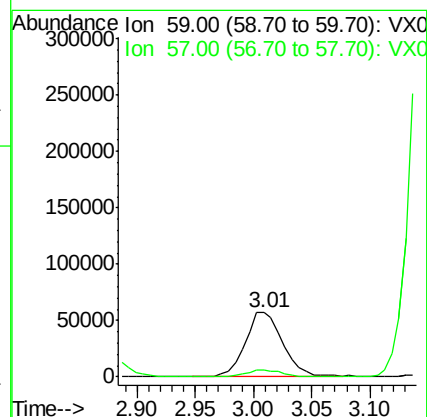
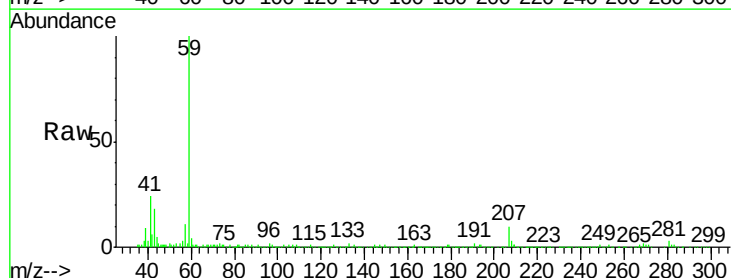
Tgt Ion: 59 Resp: 126635

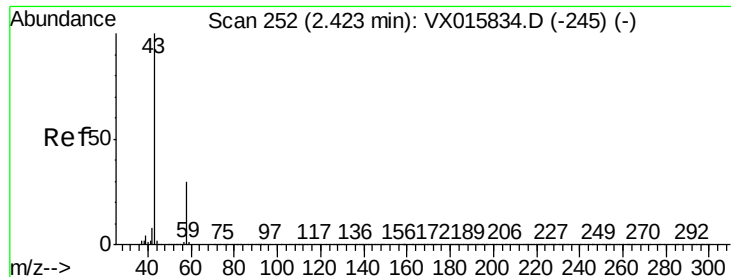
Ion Ratio Lower Upper

59 100

57 0.0 8.2

12.2#





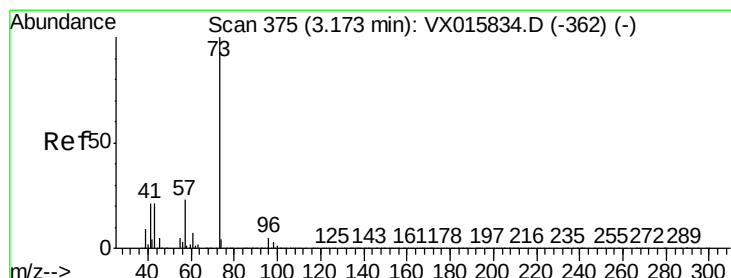
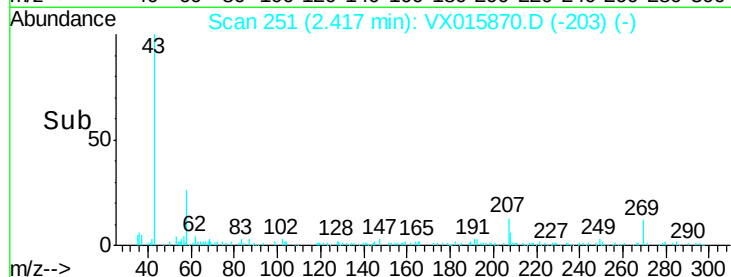
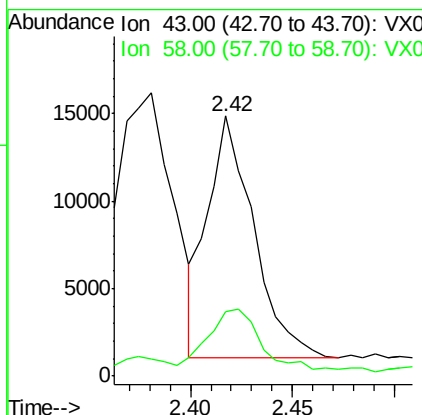
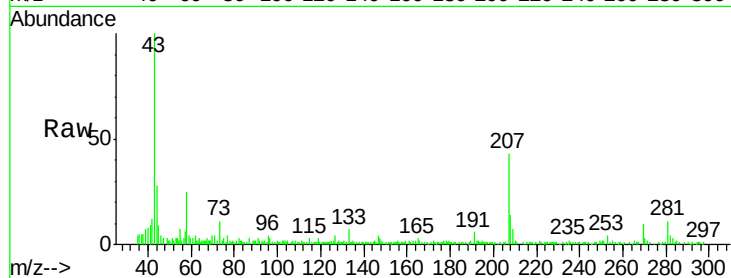
#16
Acetone
Concen: 4.790 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion	43	Resp	21802
Ion Ratio	100	Lower	Upper
43	100		
58	24.1	24.0	36.0

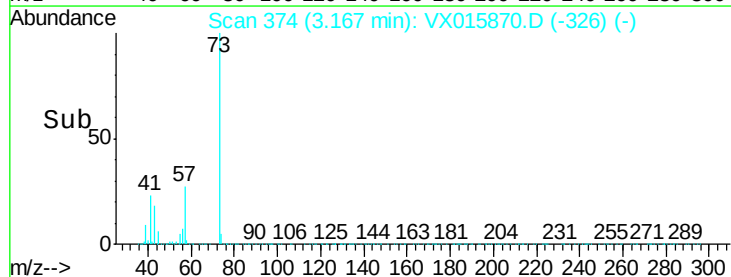
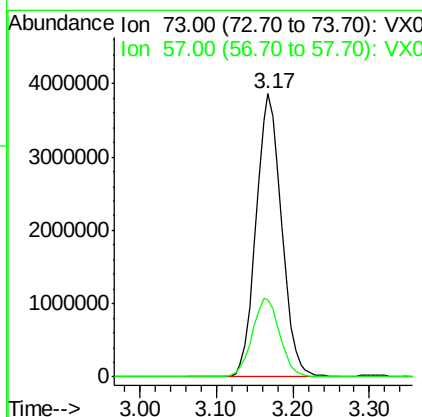
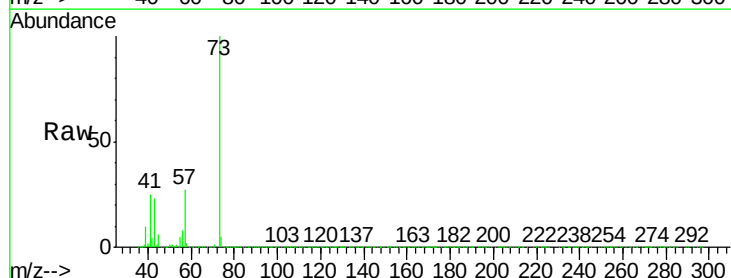
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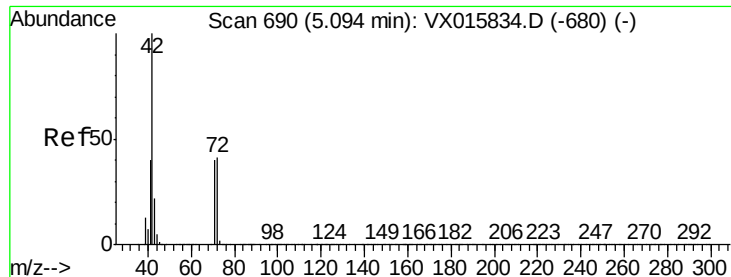
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#19
Methyl tert-butyl Ether
Concen: 316.259 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion	73	Resp	8986826
Ion Ratio	100	Lower	Upper
73	100		
57	27.5	18.1	27.1#





#29

Tetrahydrofuran

Concen: 8.088 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

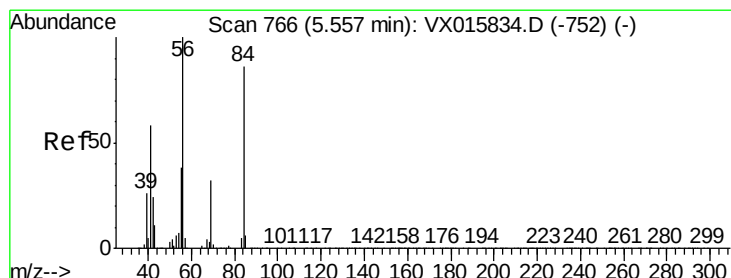
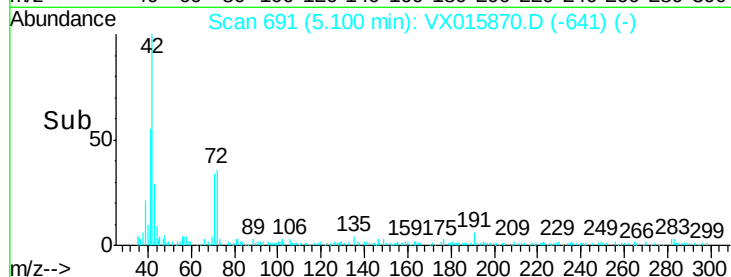
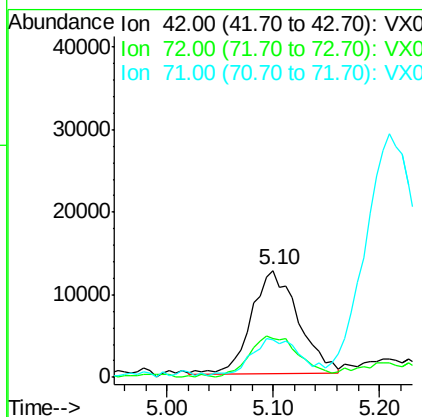
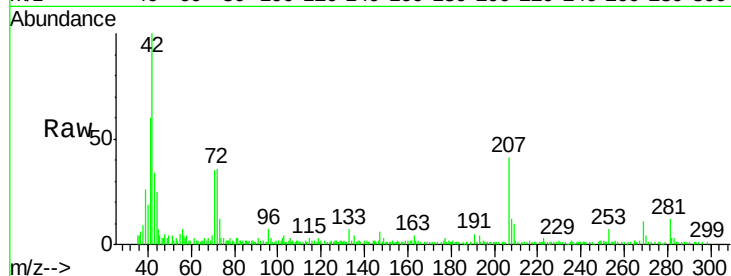
ClientSampleId :

KY001IW089-200421

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100		38483		
72	42.7	33.0	49.6		
71	38.7	30.6	45.8		

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#31

Cyclohexane

Concen: 50.370 ug/l

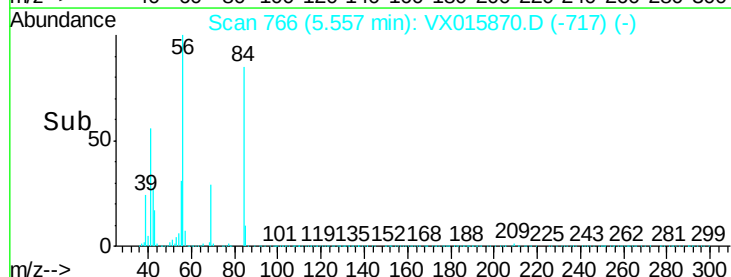
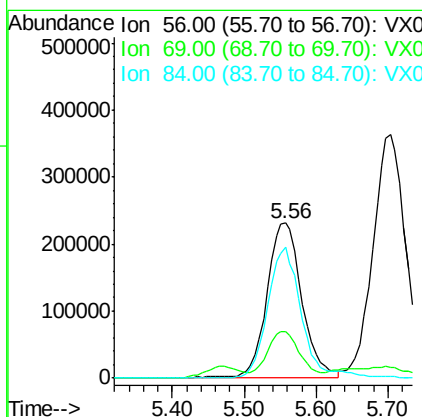
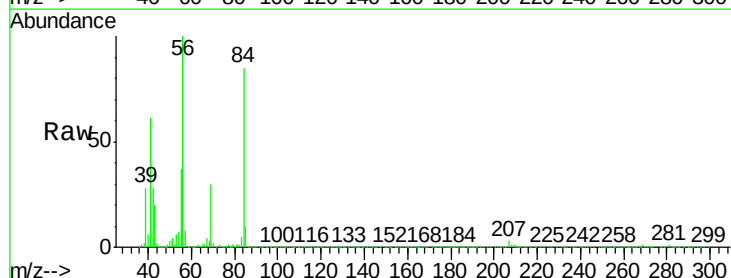
RT: 5.56 min Scan# 766

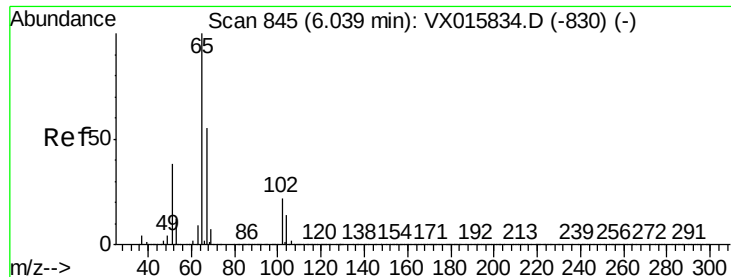
Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
56	100		769193		
69	29.0	25.3	37.9		
84	84.9	69.1	103.7		





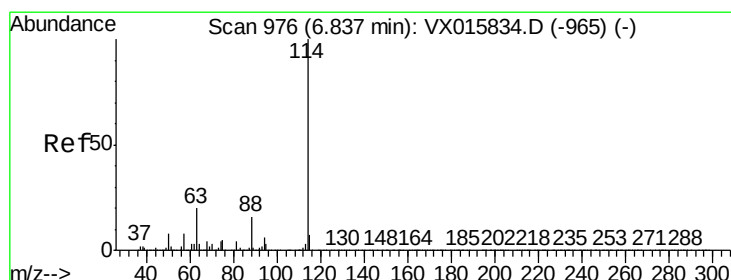
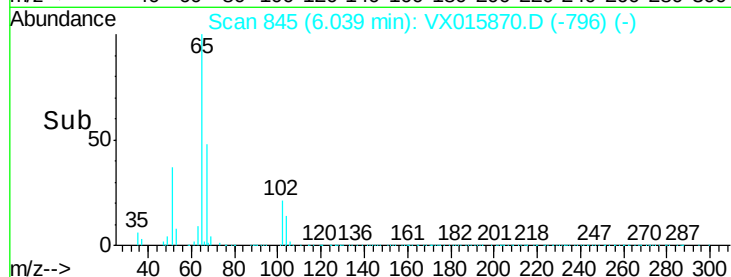
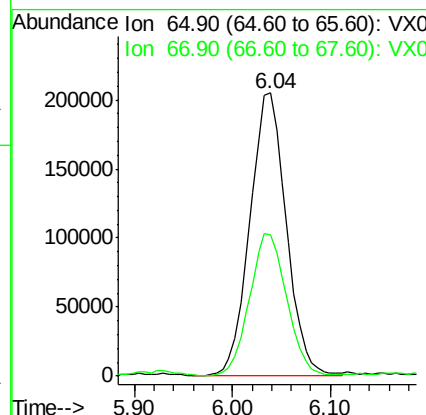
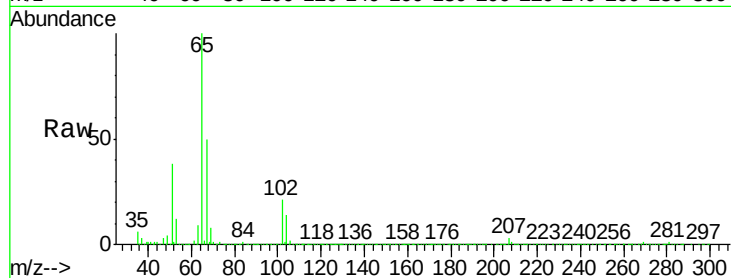
#33
 1,2-Dichloroethane-d4
 Concen: 50.648 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.2

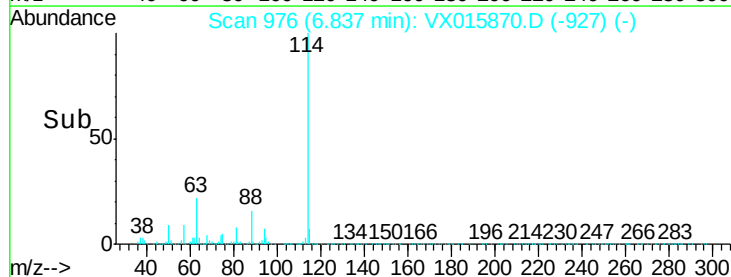
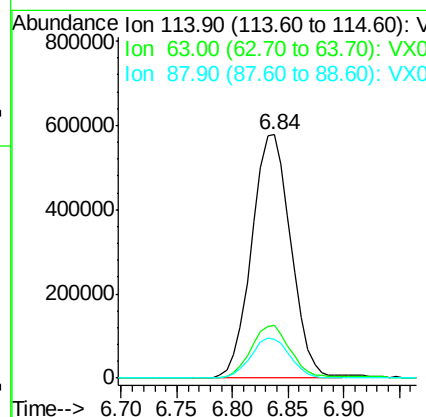
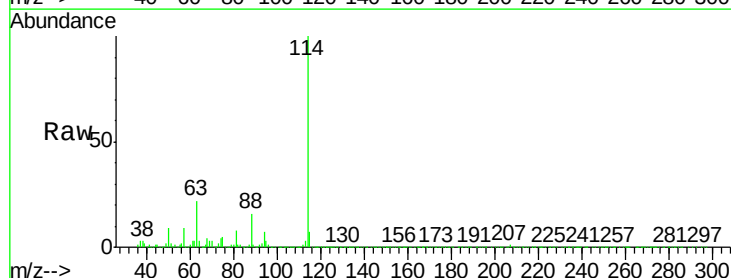
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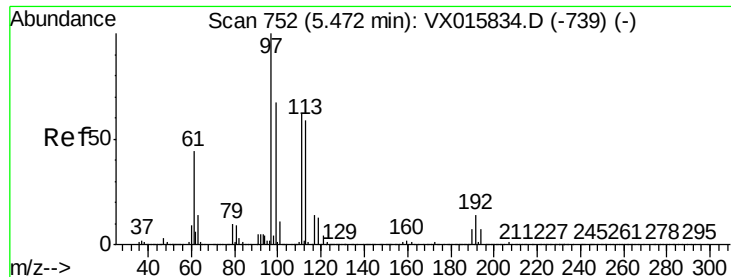
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	40.6
88	16.1	0.0	32.8





#35

Dibromofluoromethane

Concen: 52.968 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

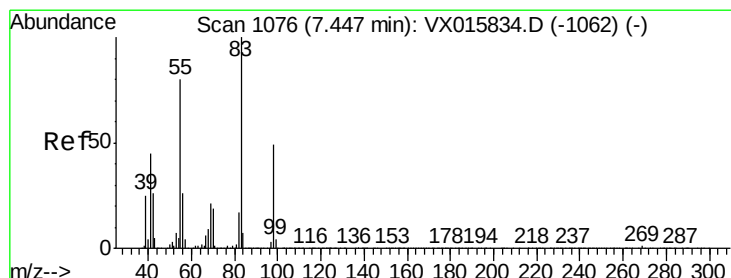
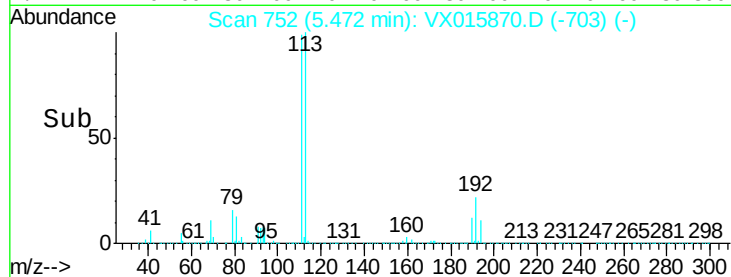
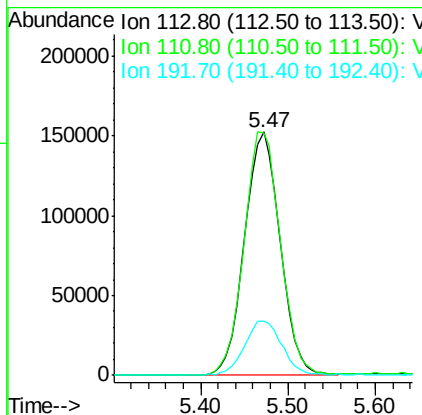
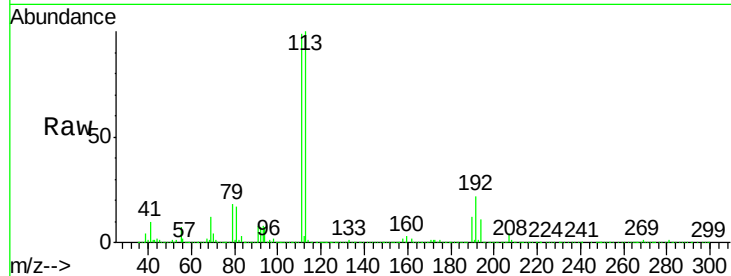
ClientSampleId :

KY001IW089-200421

Tot Ion:	113	Resp:	432416
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.7	124.1
192	23.3	19.3	28.9

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#39

Methylcyclohexane

Concen: 36.472 ug/l

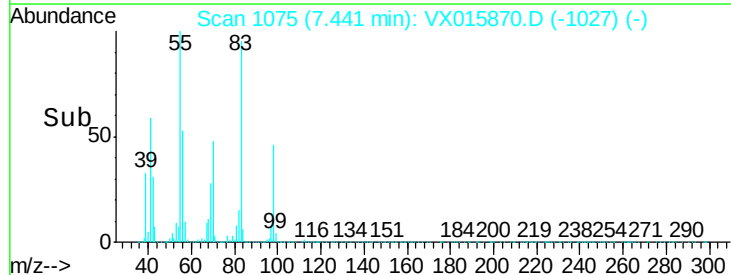
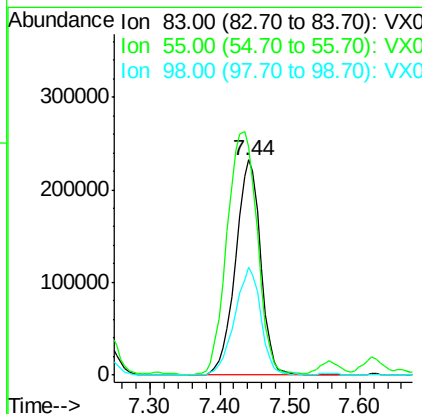
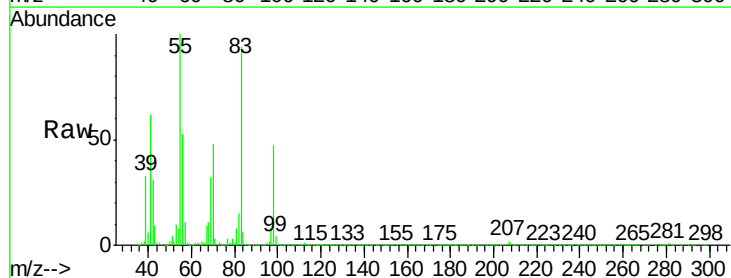
RT: 7.44 min Scan# 1075

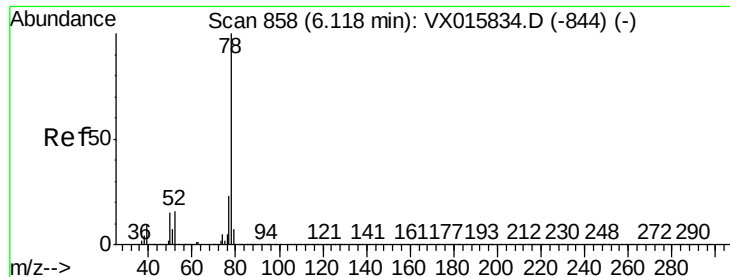
Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Tgt Ion:	83	Resp:	579103
Ion Ratio	Lower	Upper	
83	100		
55	106.0	64.2	96.4#
98	50.3	39.3	58.9





#40

Benzene

Concen: 223.853 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

Tot Ion: 78 Resp: 8453392

Ion Ratio Lower Upper

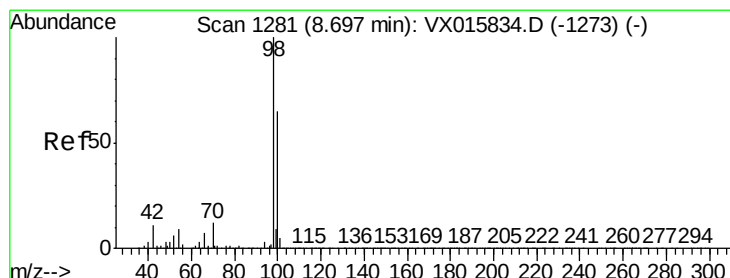
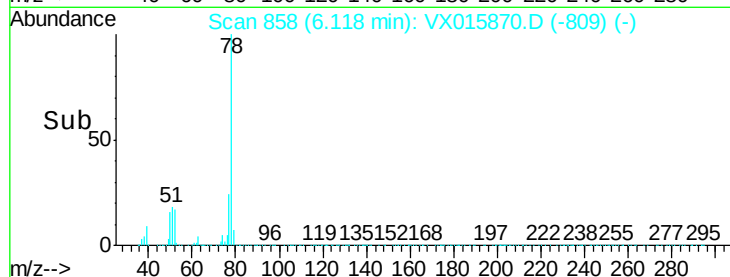
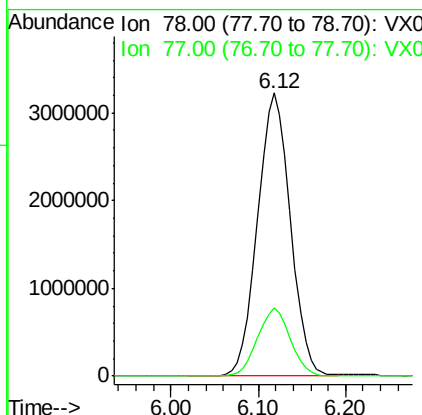
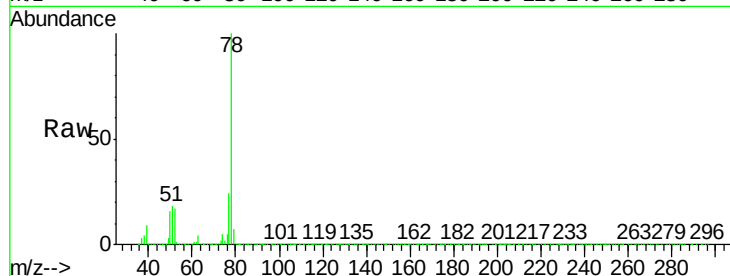
78 100

77 23.9 18.6 27.8

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#50

Toluene-d8

Concen: 54.373 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015870.D

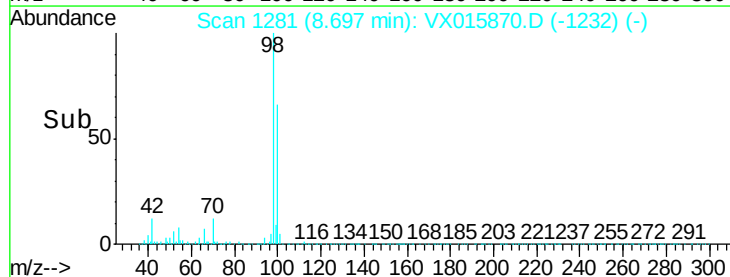
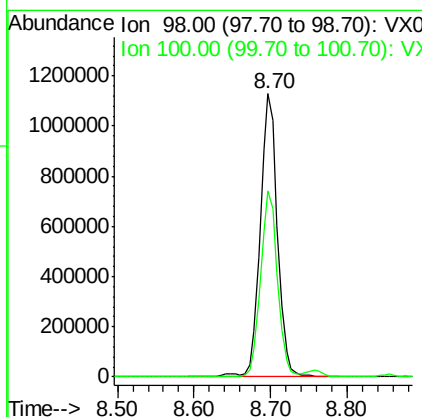
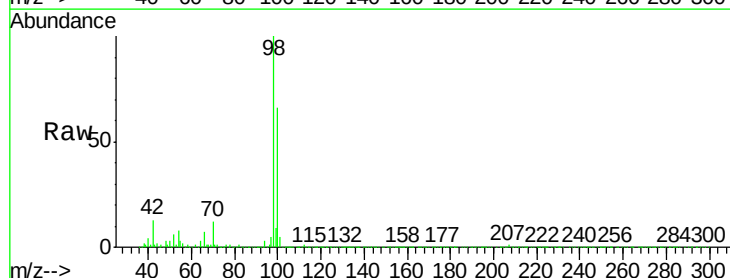
Acq: 23 Apr 2020 03:35

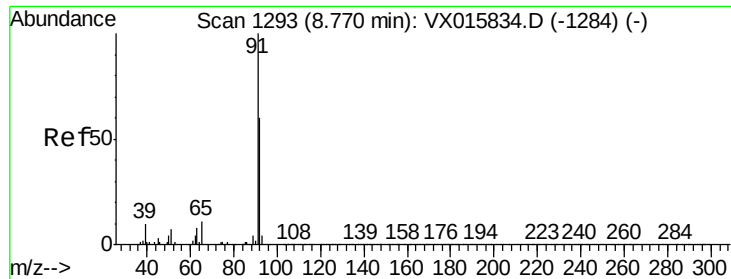
Tgt Ion: 98 Resp: 1786926

Ion Ratio Lower Upper

98 100

100 64.6 53.8 80.6





#52

Toluene

Concen: 1.123 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

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ClientSampleId :

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Tot Ion: 92 Resp: 27186

Ion Ratio Lower Upper

92 100

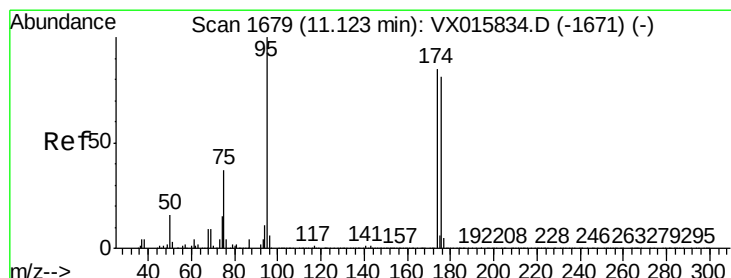
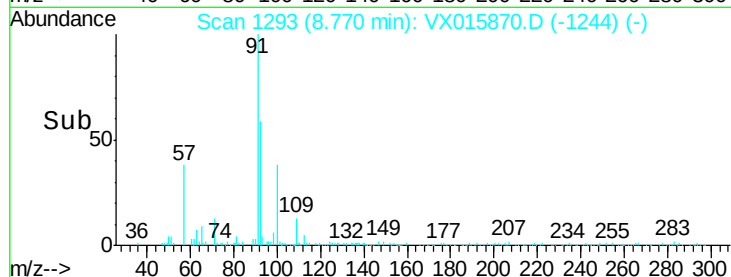
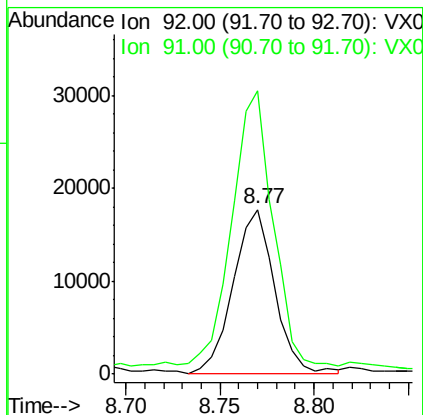
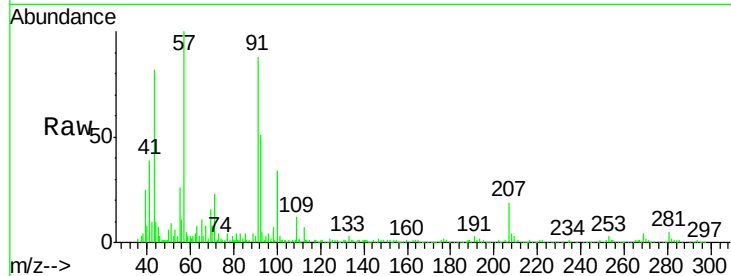
91 165.8 133.4 200.0

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#62

4-Bromofluorobenzene

Concen: 55.383 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

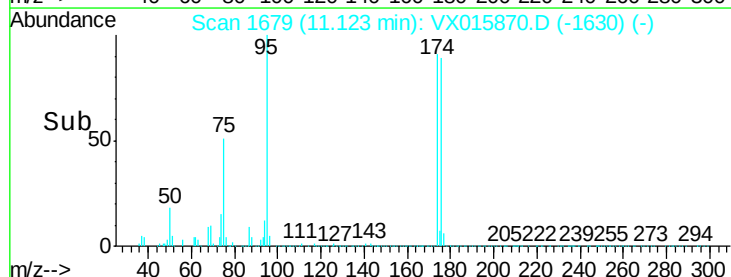
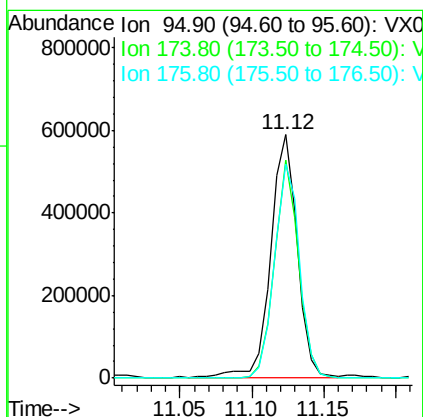
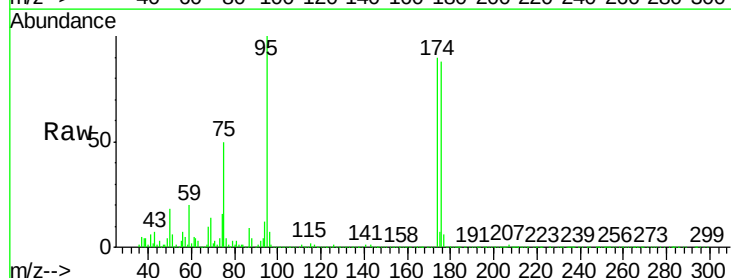
Tgt Ion: 95 Resp: 746673

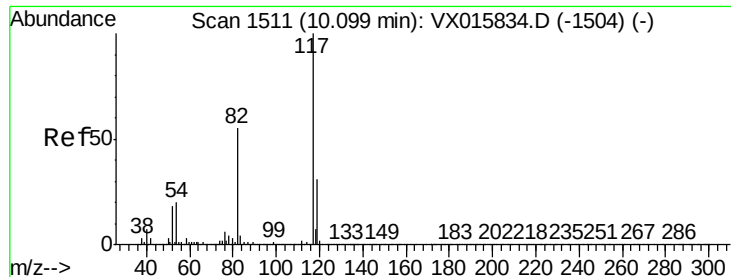
Ion Ratio Lower Upper

95 100

174 82.5 0.0 172.4

176 84.6 0.0 167.0





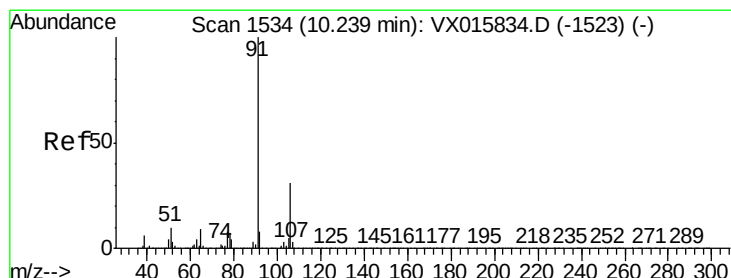
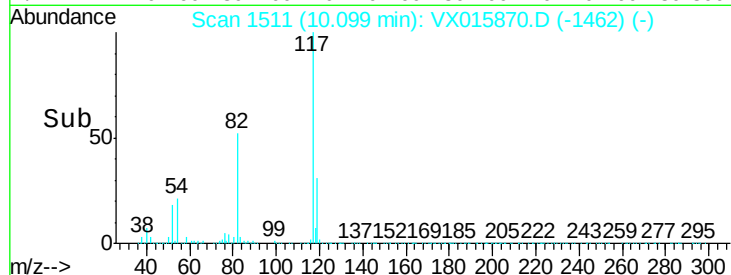
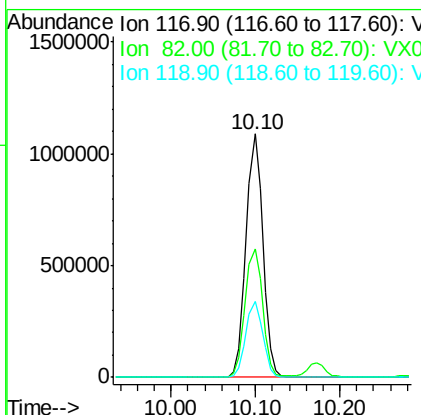
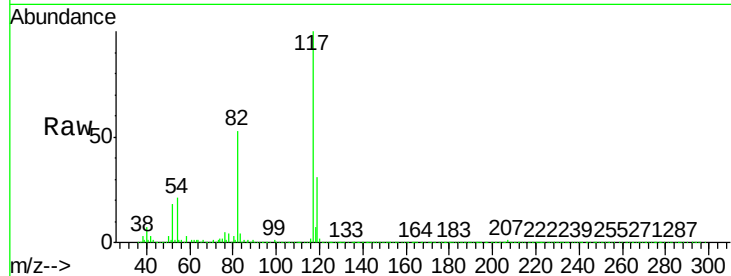
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.9	65.9
119	31.1	25.1	37.7

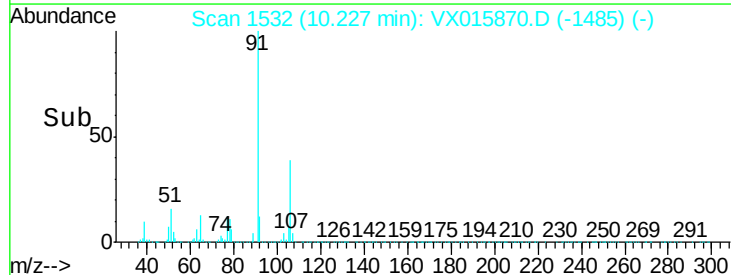
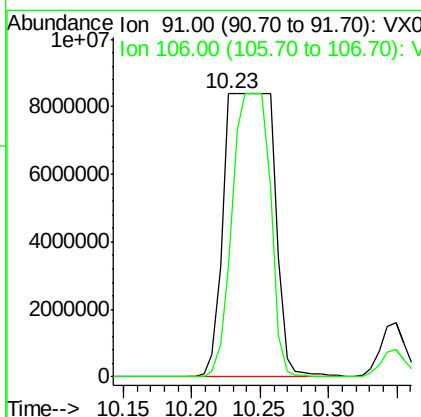
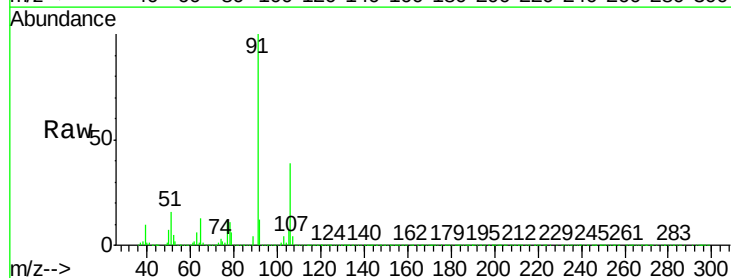
Manual Integrations
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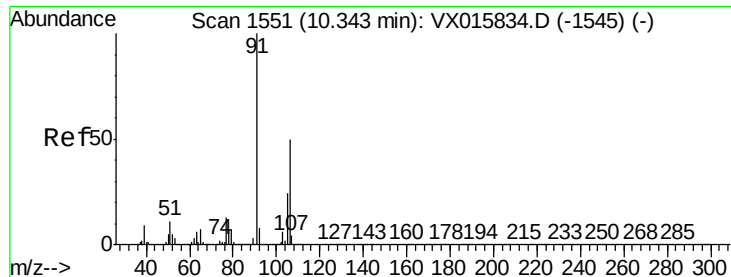
MMDadoda
4/23/2020 12:16:28 PM



#67
Ethyl Benzene
Concen: 423.133 ug/l m
RT: 10.23 min Scan# 1532
Delta R.T. -0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	39.0	25.0	37.4#





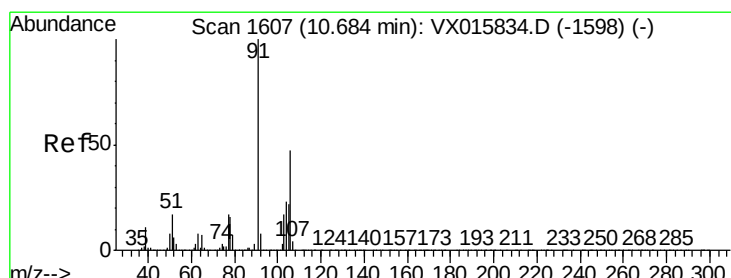
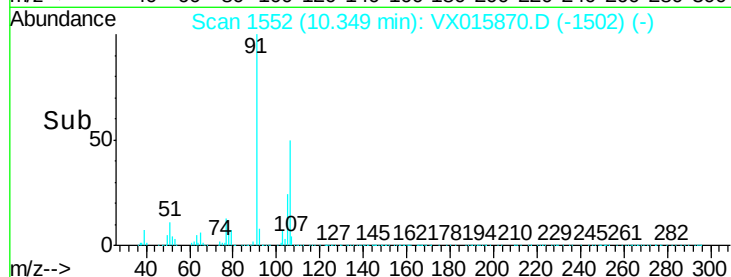
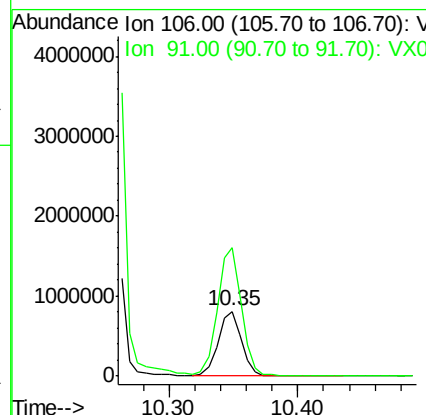
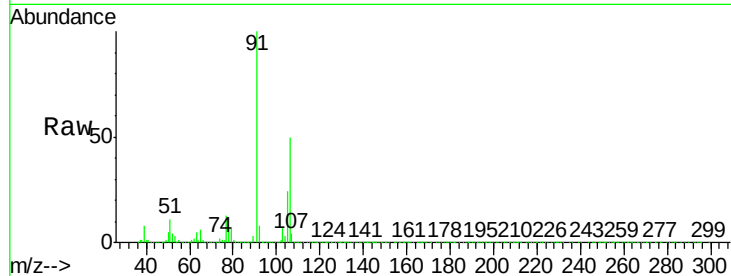
#68
m/p-Xylenes
Concen: 54.262 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion:106 Resp: 1039081
Ion Ratio Lower Upper
106 100
91 200.0 161.1 241.7

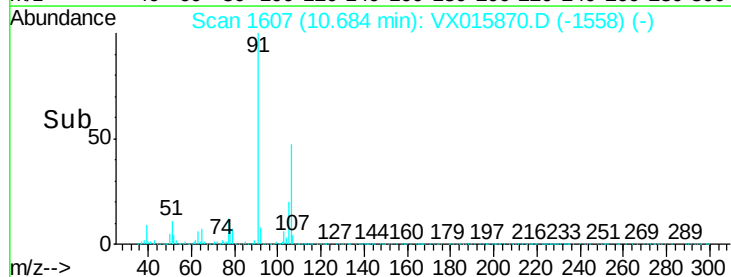
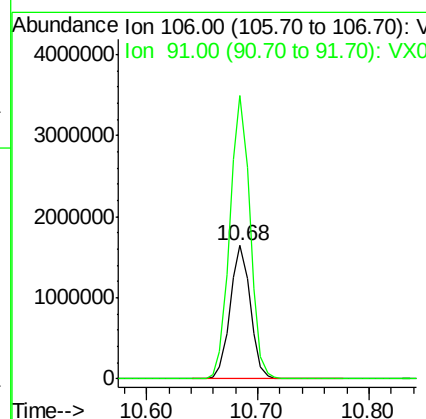
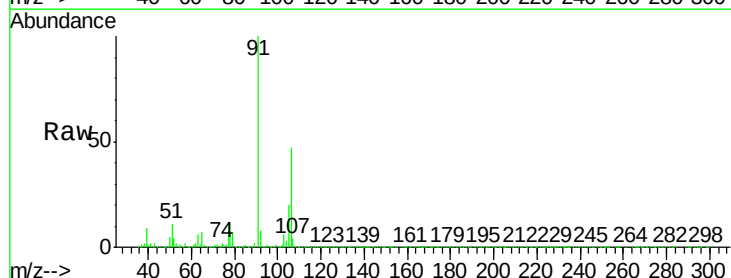
Manual Integrations
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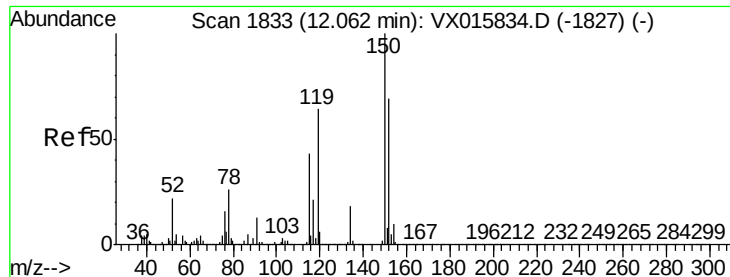
MMDadoda
4/23/2020 12:16:28 PM



#69
o-Xylene
Concen: 108.986 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion:106 Resp: 2053725
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

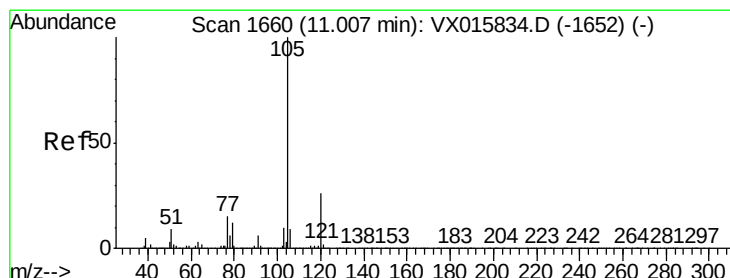
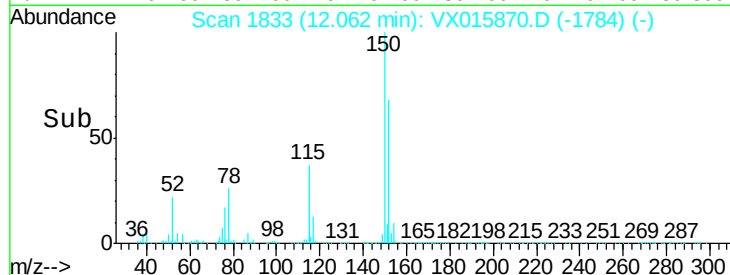
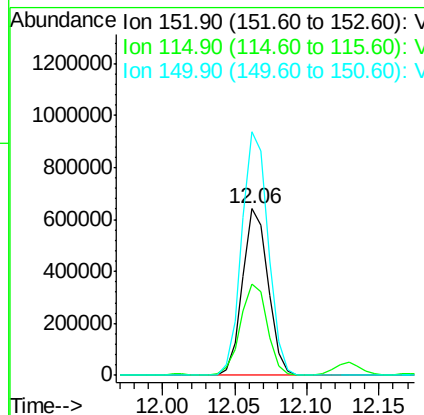
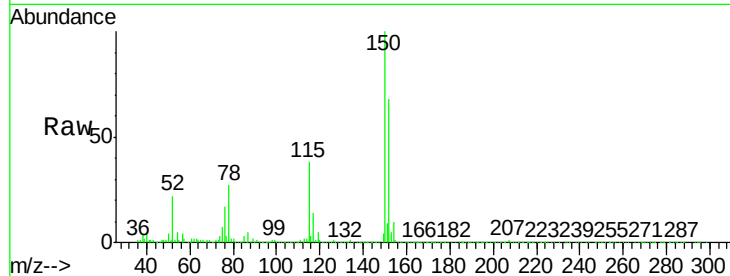
ClientSampleId :

KY001IW089-200421

Tot Ion:	152	Resp:	792860
Ion Ratio	Lower	Upper	
152	100		
115	57.1	39.0	116.9
150	150.5	0.0	336.8

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#73

Isopropylbenzene

Concen: 222.703 ug/l

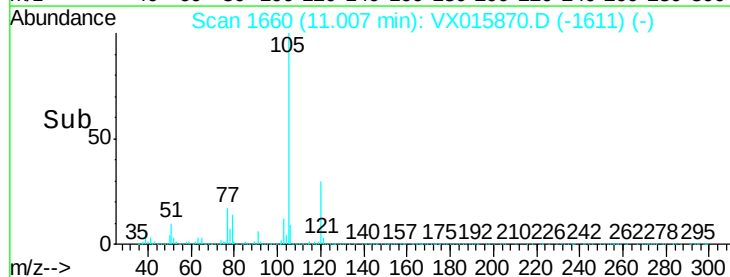
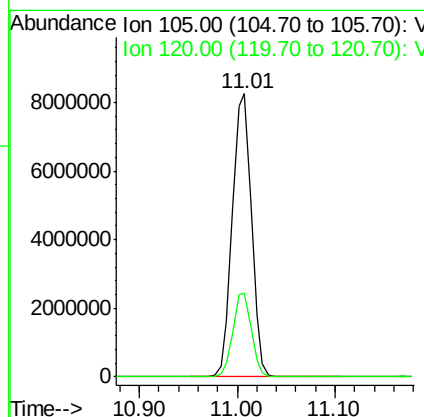
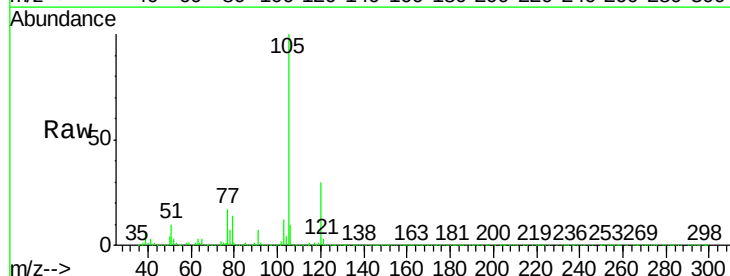
RT: 11.01 min Scan# 1660

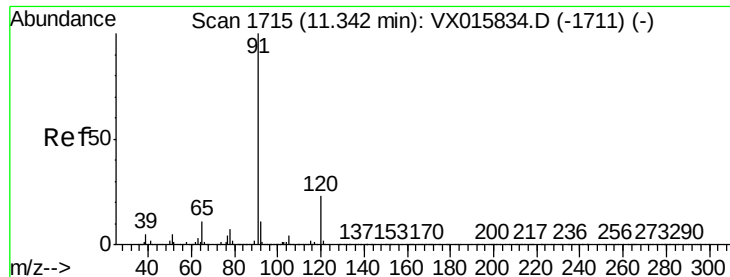
Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Tgt Ion:	105	Resp:	11214105
Ion Ratio	Lower	Upper	
105	100		
120	28.7	13.1	39.1





#78

n-propylbenzene

Concen: 210.651 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

Tot Ion: 91 Resp: 12151087

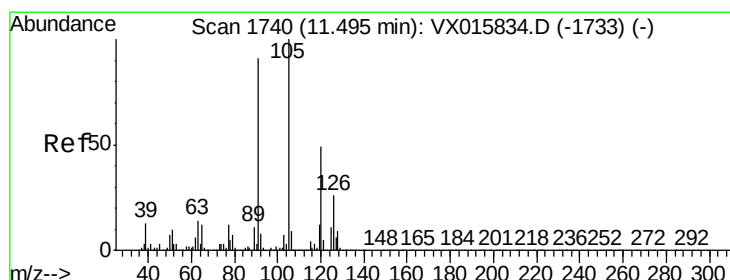
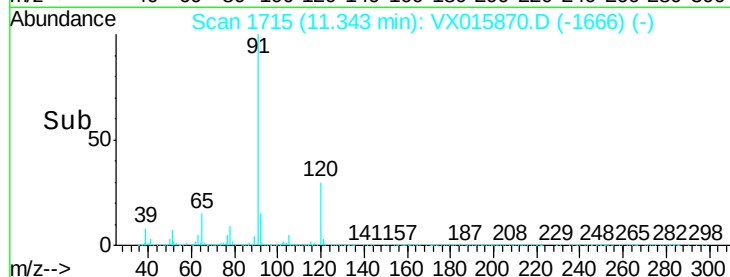
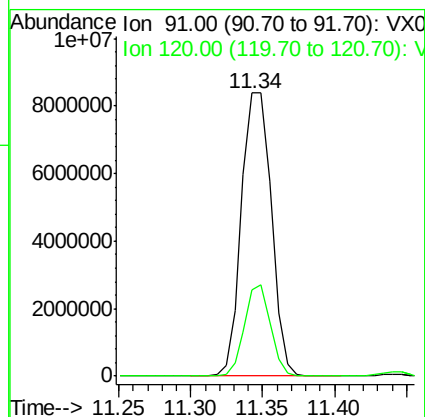
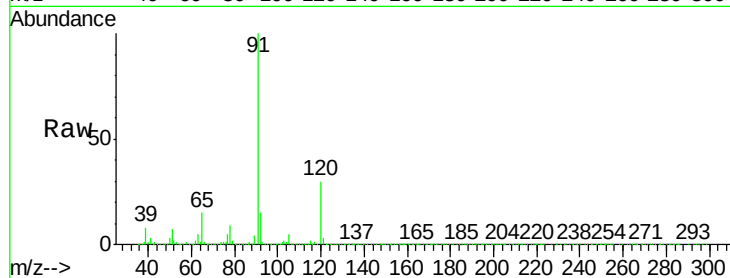
Ion Ratio Lower Upper

91 100

120 28.0 11.7 35.1

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#80

1,3,5-Trimethylbenzene

Concen: 97.606 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015870.D

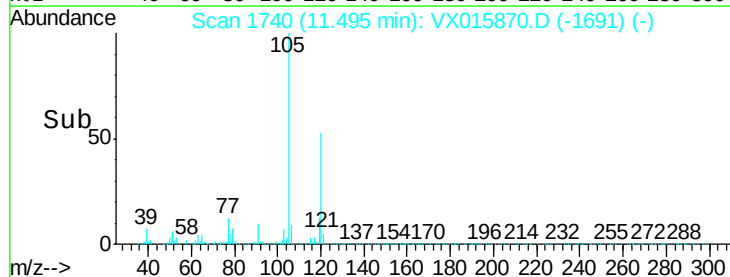
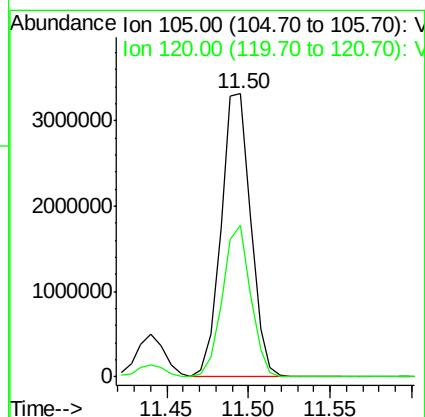
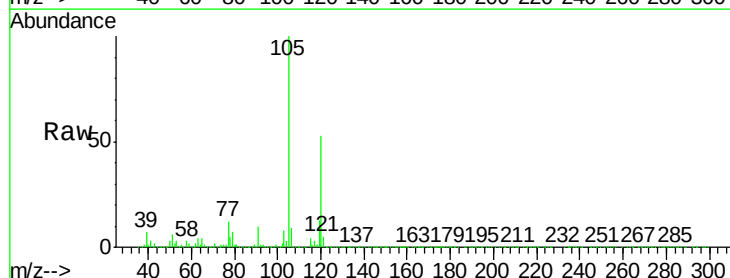
Acq: 23 Apr 2020 03:35

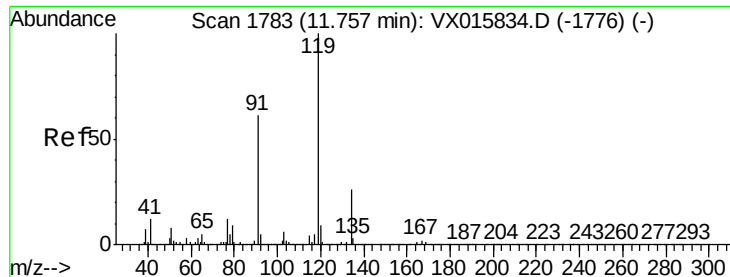
Tgt Ion: 105 Resp: 4190877

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.7





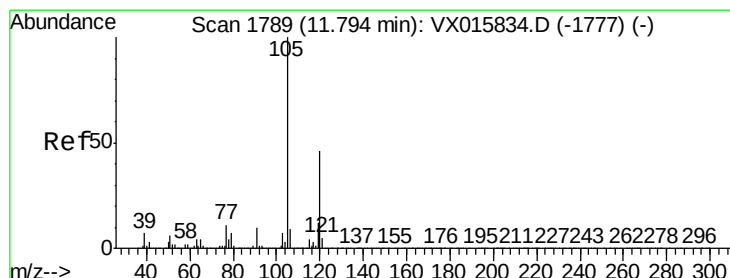
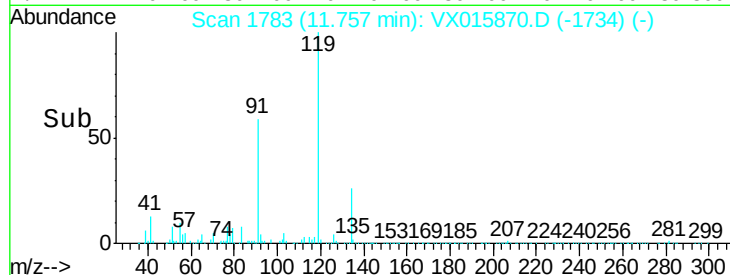
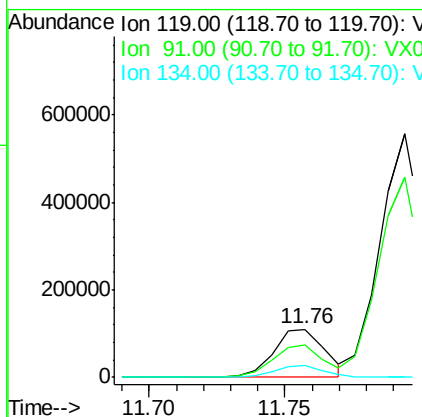
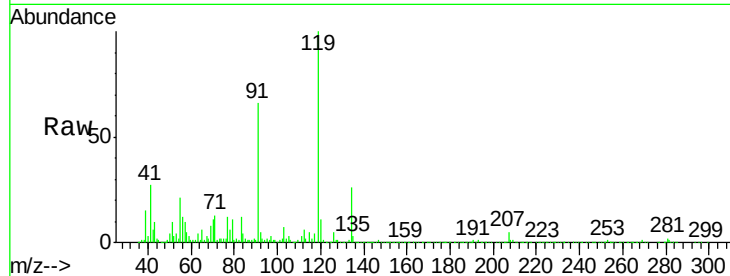
#83
 tert-Butylbenzene
 Concen: 3.674 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421

Tot Ion	Ratio	Resp	Lower	Upper
119	100	139914		
91	65.2	30.9	92.7	
134	25.0	12.4	37.2	

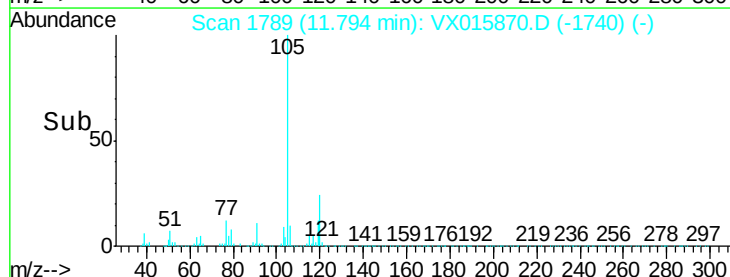
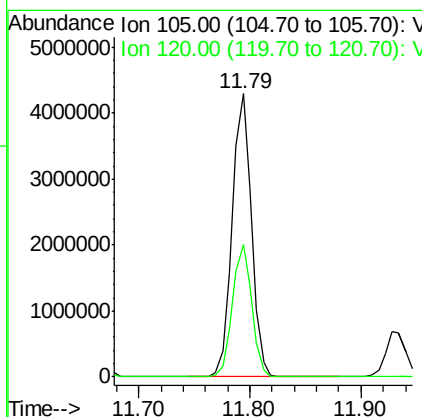
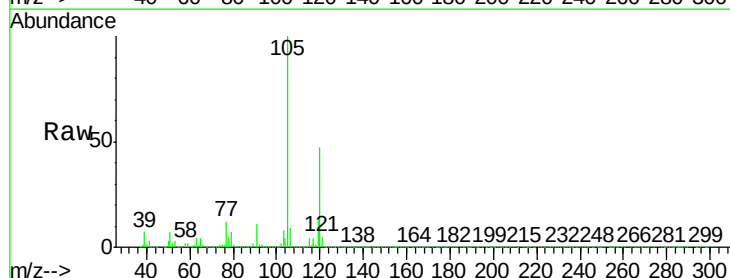
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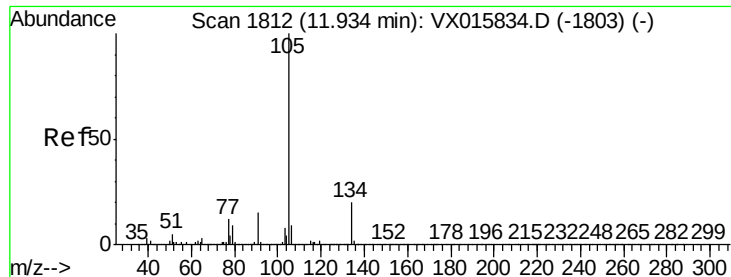
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#84
 1,2,4-Trimethylbenzene
 Concen: 114.824 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5118387		
120	47.2	22.9	68.7	





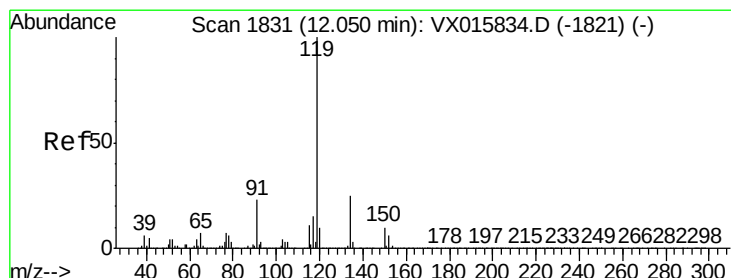
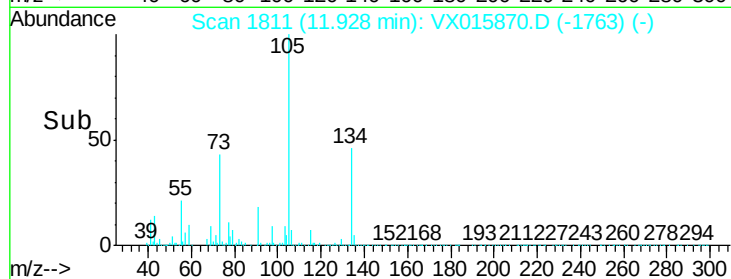
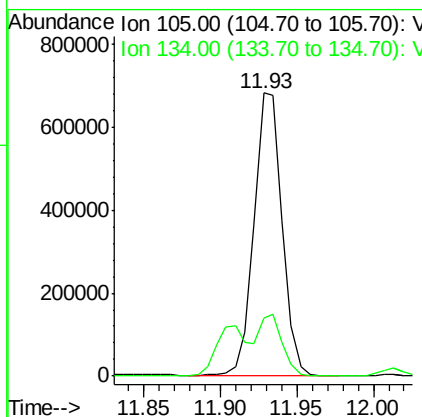
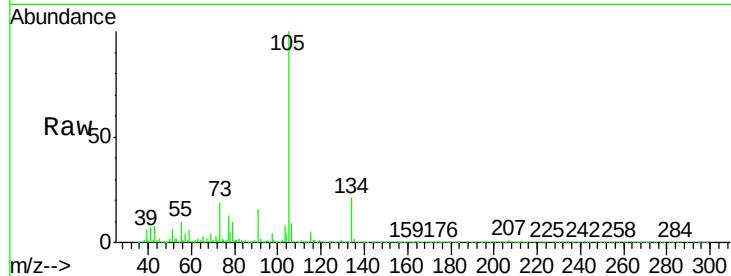
#85
 sec-Butylbenzene
 Concen: 17.287 ug/l
 RT: 11.93 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421

Tot Ion	Ratio	Lower	Upper
105	100		
134	17.1	10.3	30.8

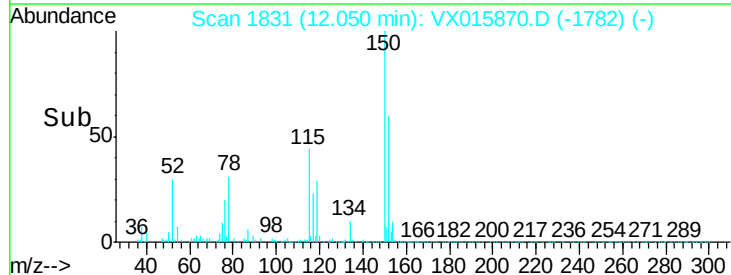
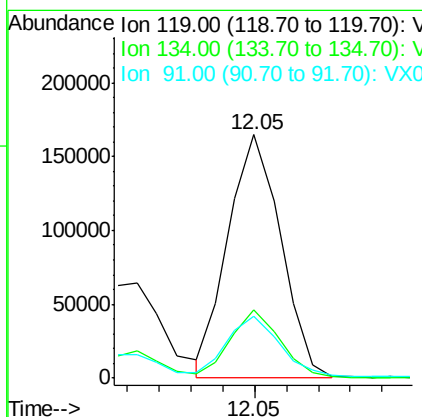
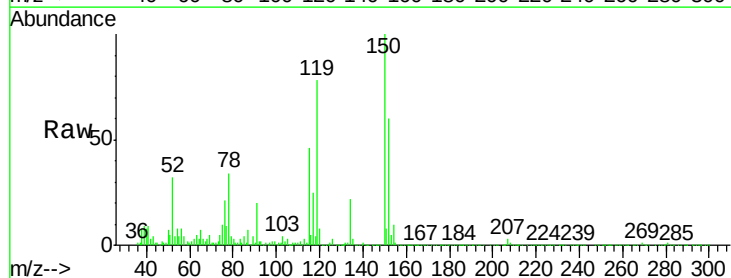
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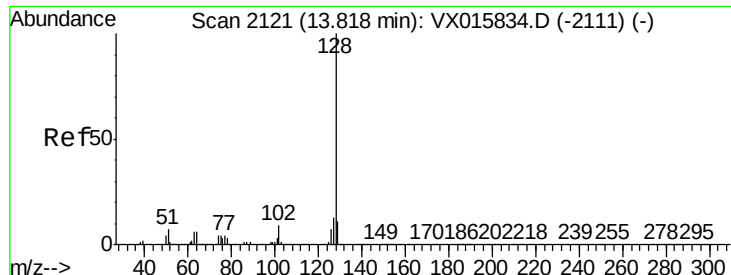
MMDadoda
 4/23/2020 12:16:28 PM



#86
 p-Isopropyltoluene
 Concen: 4.037 ug/l m
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	102.0	13.0	38.9#
91	91.3	11.5	34.5#





#95
Naphthalene
Concen: 79.099 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.3	8.5	12.7

Manual Integrations
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