

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015893.D
 Acq On : 23 Apr 2020 16:16
 Operator : JC/SP
 Sample : L2380-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Manual Integrations
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MMDadoda
 4/24/2020 11:34:42 AM

Quant Time: Apr 24 11:58:35 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	828613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1260327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1275372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	691809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	460656	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	5.47	113	380154	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	1522568	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.12	95	645590	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	60870	31.612	ug/l #	73
16) Acetone	2.42	43	11823	2.881	ug/l #	84
19) Methyl tert-butyl Ether	3.17	73	589142	22.994	ug/l #	13
31) Cyclohexane	5.55	56	383129	27.825	ug/l #	93
39) Methylcyclohexane	7.44	83	727570	51.422	ug/l	91
40) Benzene	6.12	78	389829	11.584	ug/l	98
52) Toluene	8.77	92	66002	3.060	ug/l	98
67) Ethyl Benzene	10.24	91	278735	6.224	ug/l	98
68) m/p-Xylenes	10.34	106	36299	2.159	ug/l	91
69) o-Xylene	10.68	106	25286	1.529	ug/l	93
73) Isopropylbenzene	11.00	105	14074546	320.337	ug/l	83
78) n-propylbenzene	11.34	91	15221443	302.423	ug/l #	73
83) tert-Butylbenzene	11.76	119	187725	5.649	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	82526	2.122	ug/l	97
85) sec-Butylbenzene	11.93	105	1701612	38.843	ug/l	93
86) p-Isopropyltoluene	12.05	119	66159m	1.615	ug/l	
89) n-Butylbenzene	12.37	91	607666m	16.592	ug/l	
95) Naphthalene	13.82	128	253640	5.353	ug/l #	91

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

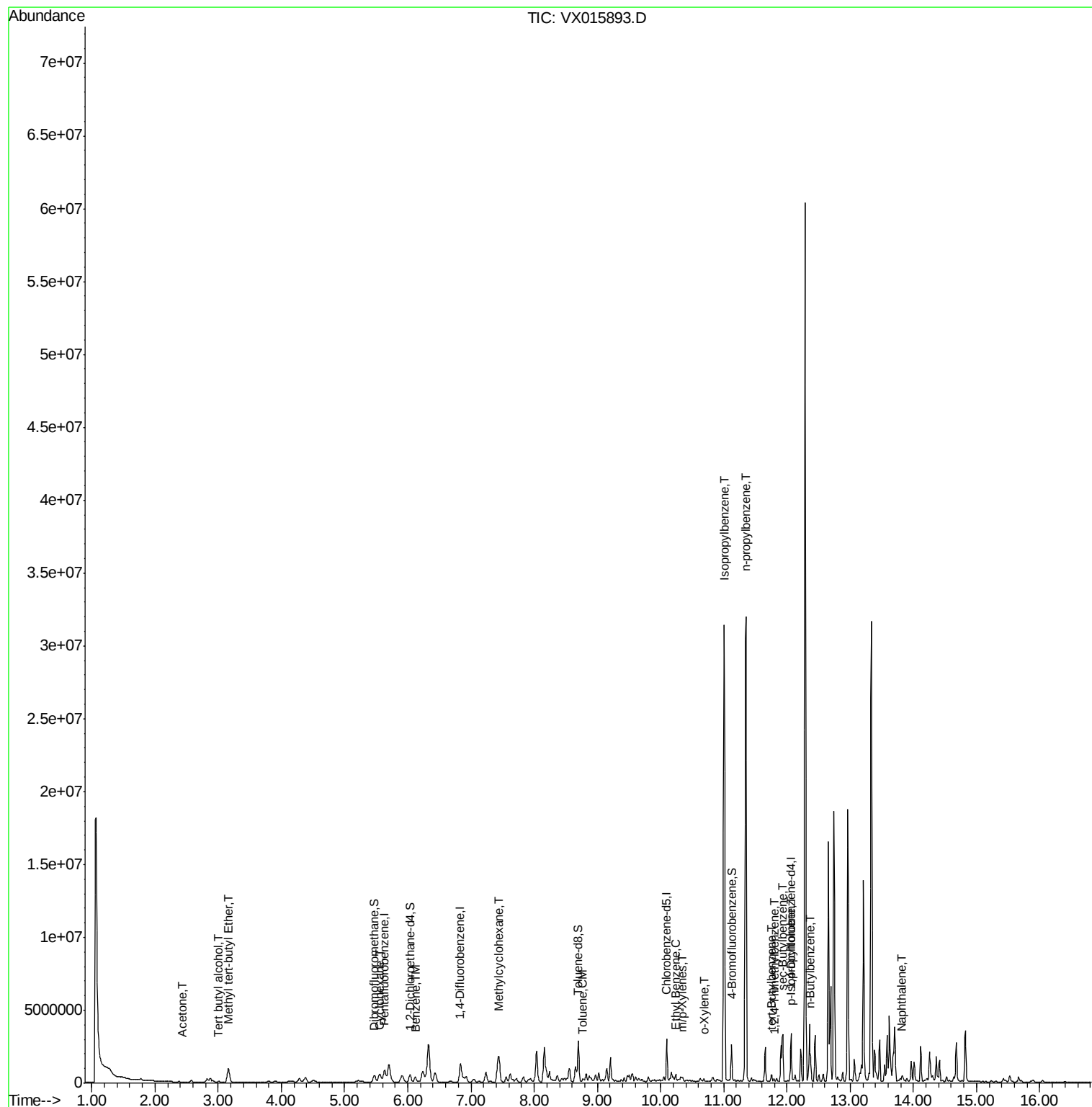
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015893.D
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ALS Vial : 16 Sample Multiplier: 1

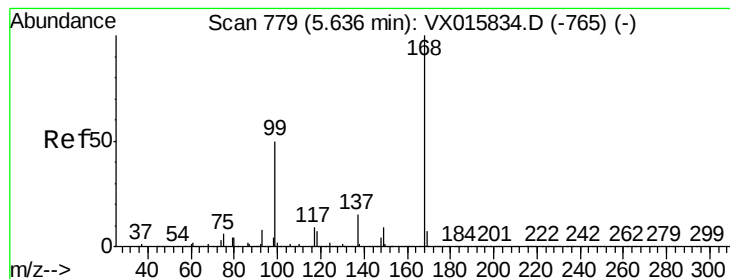
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

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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: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion:168 Resp: 828613

Ion Ratio Lower Upper

168 100

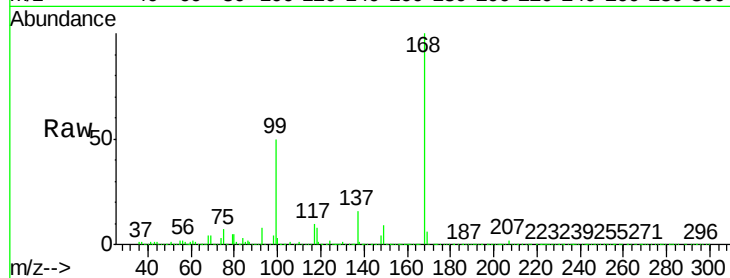
99 49.8 40.3 60.5

Manual Integrations

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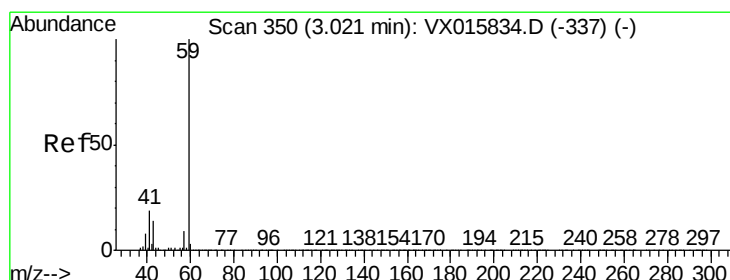
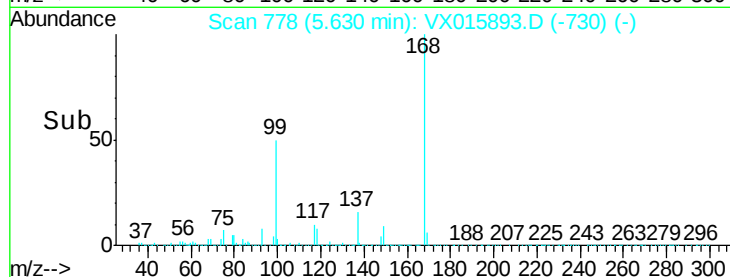
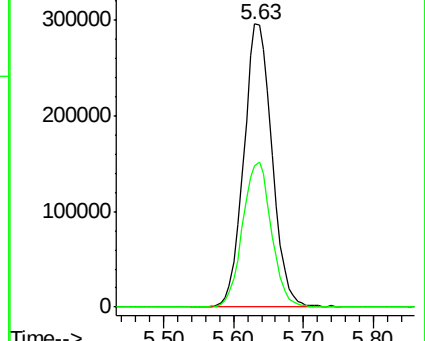
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 31.612 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015893.D

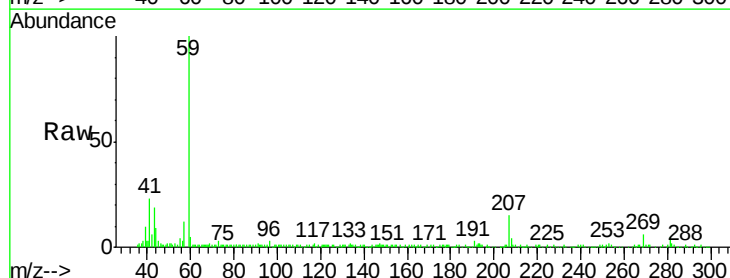
Acq: 23 Apr 2020 16:16

Tgt Ion: 59 Resp: 60870

Ion Ratio Lower Upper

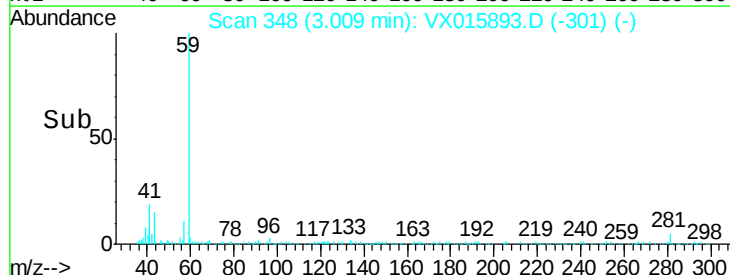
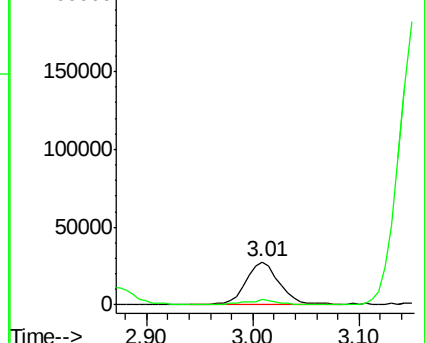
59 100

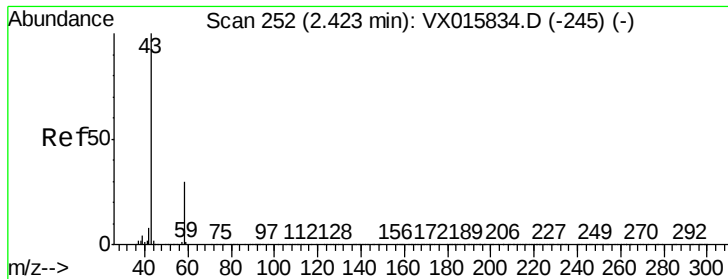
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





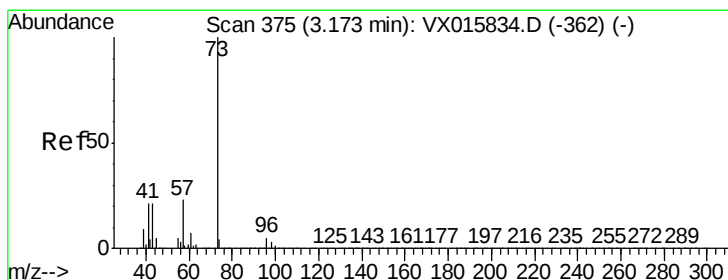
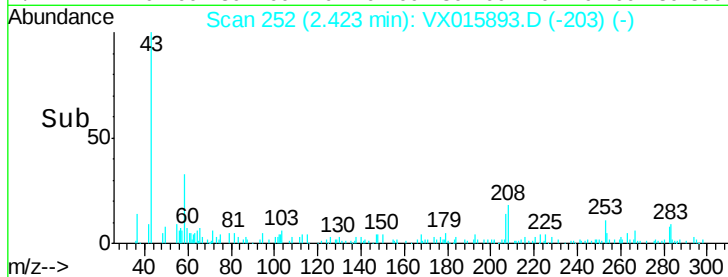
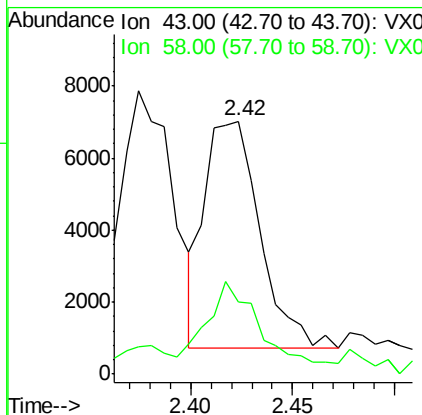
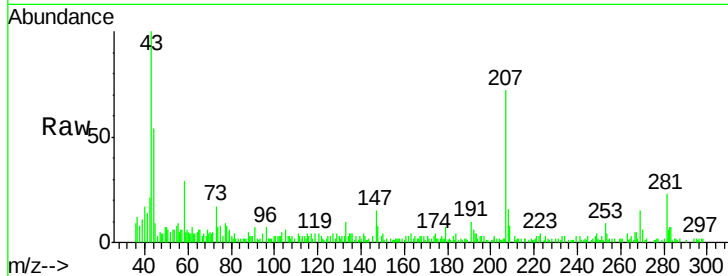
#16
Acetone
Concen: 2.881 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion: 43 Resp: 11823
Ion Ratio Lower Upper
43 100
58 21.1 24.0 36.0#

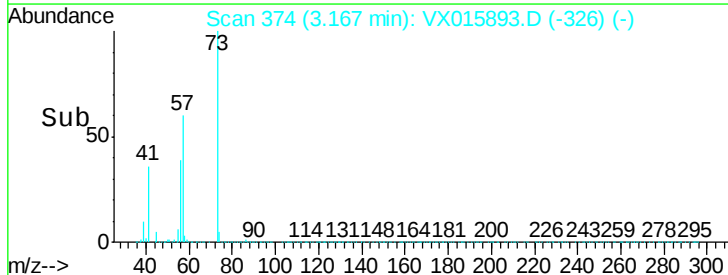
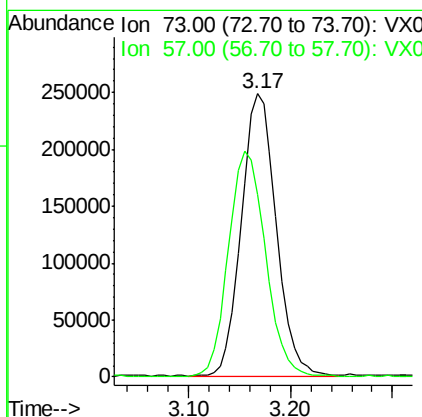
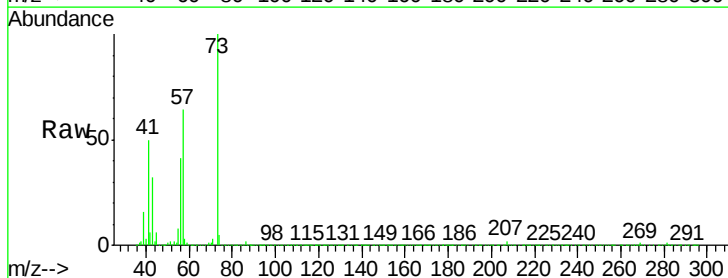
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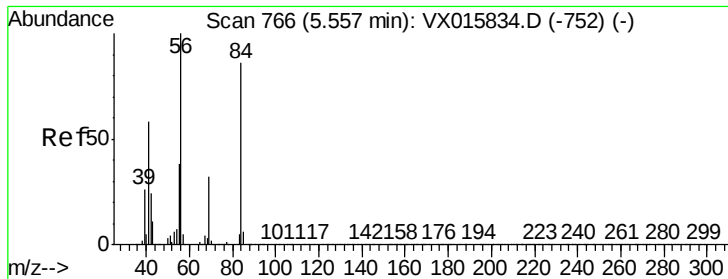
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#19
Methyl tert-butyl Ether
Concen: 22.994 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 73 Resp: 589142
Ion Ratio Lower Upper
73 100
57 64.3 18.1 27.1#





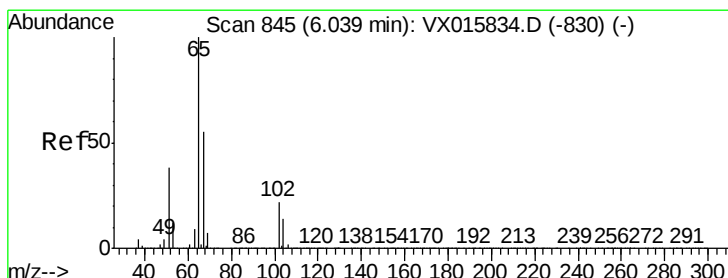
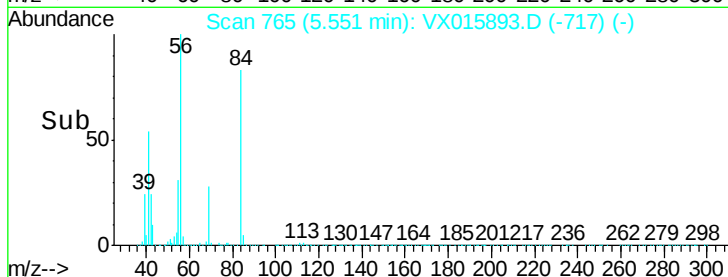
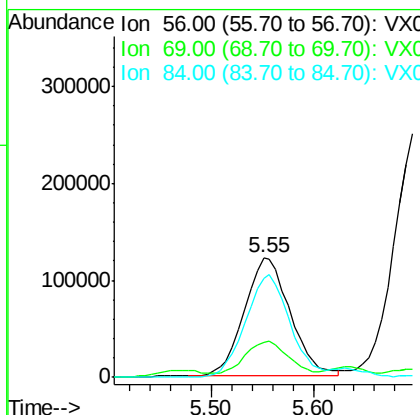
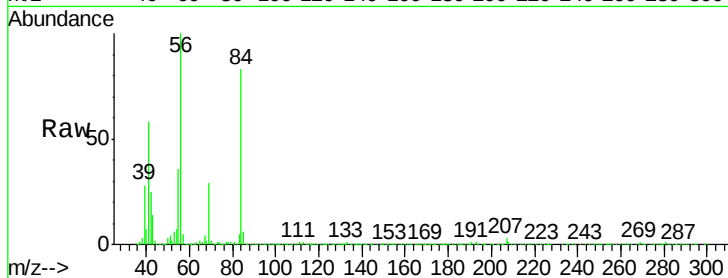
#31
Cyclohexane
Concen: 27.825 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
56	100		
69	23.3	25.3	37.9#
84	83.2	69.1	103.7

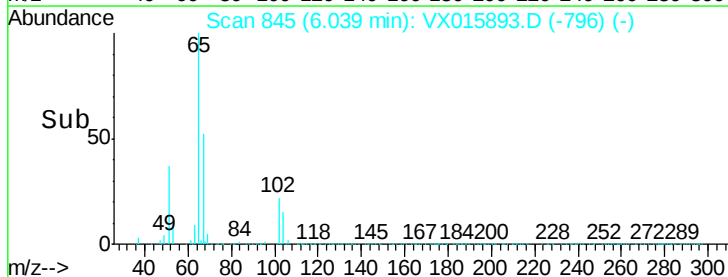
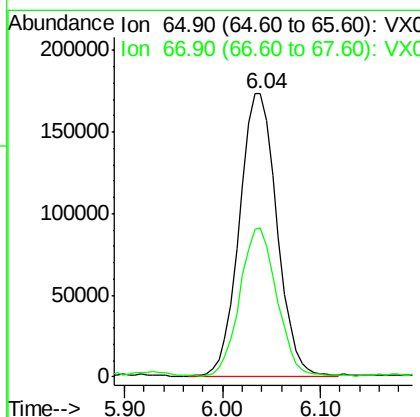
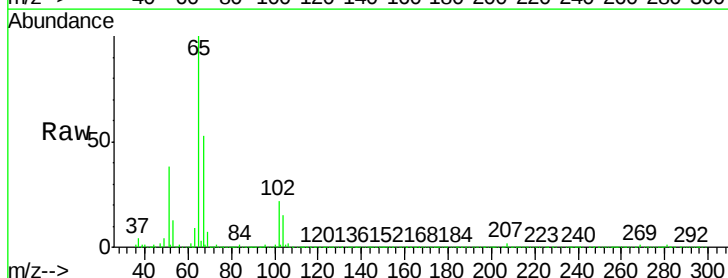
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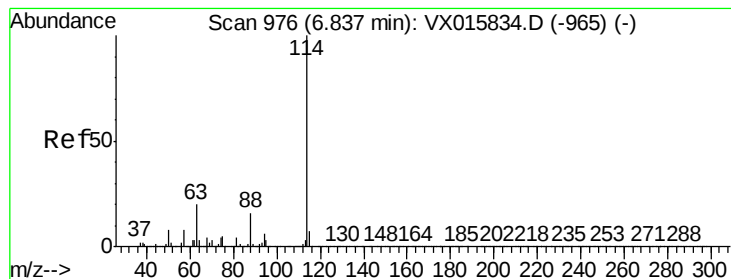
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#33
1,2-Dichloroethane-d4
Concen: 48.880 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

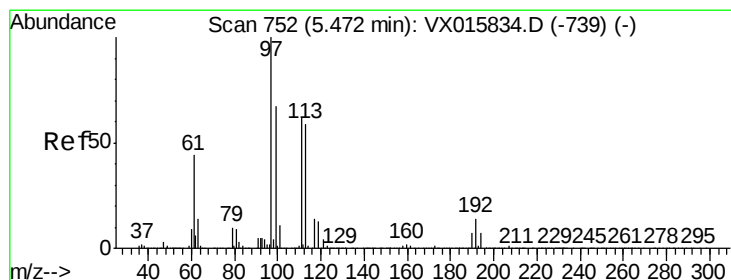
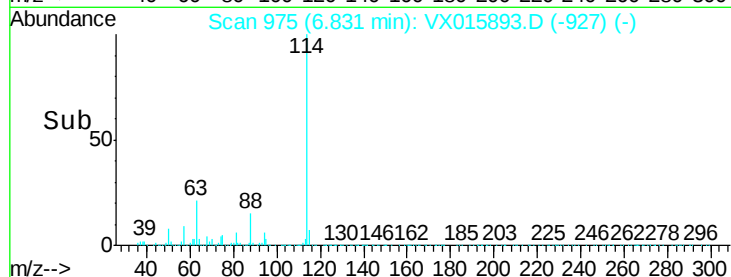
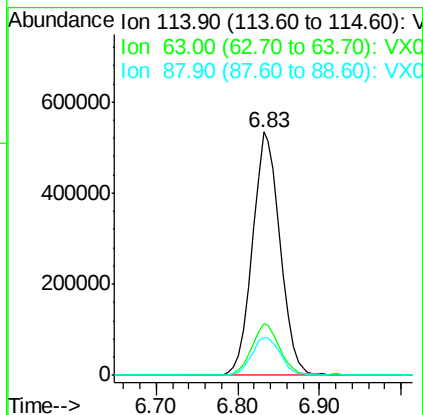
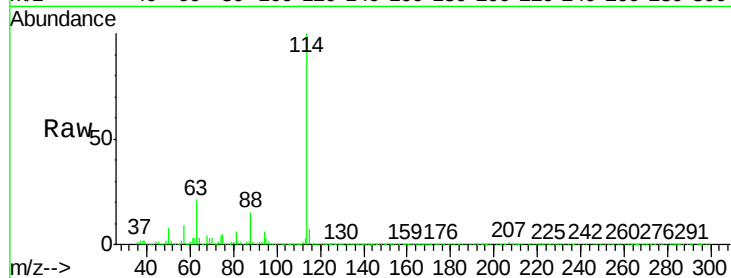
ClientSampleId :

KY001MW019-200421

Tot Ion:	114	Resp:	1260327
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	15.4	0.0	32.8

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#35

Dibromofluoromethane

Concen: 52.255 ug/l

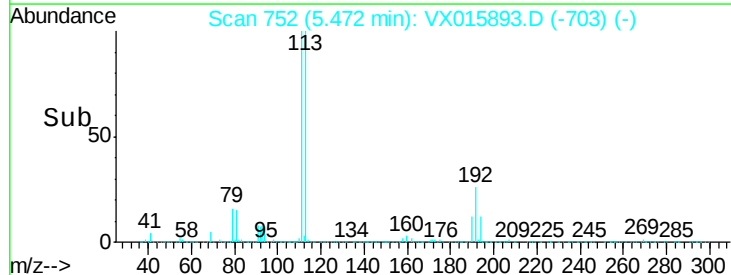
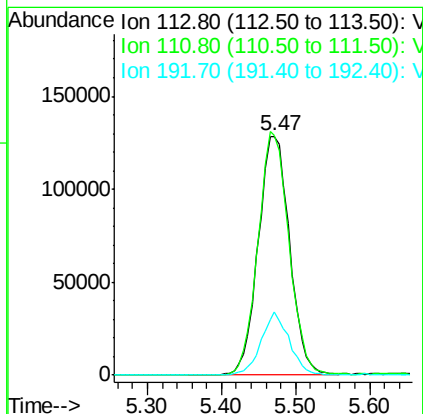
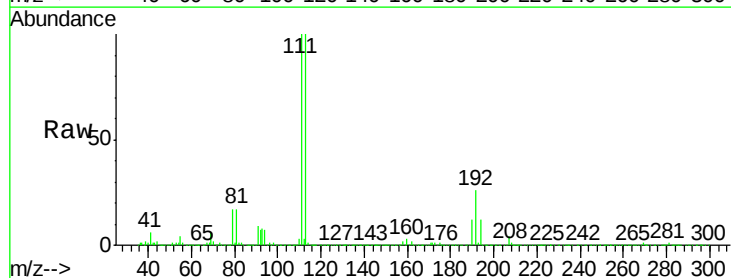
RT: 5.47 min Scan# 752

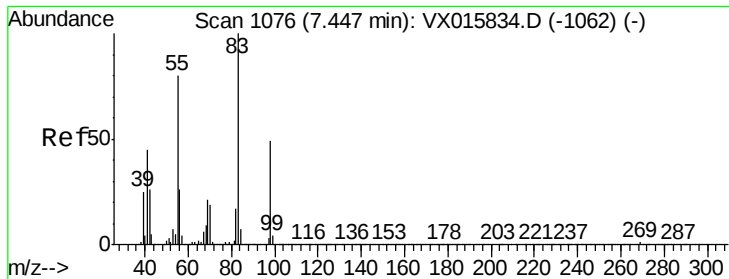
Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Tgt Ion:	113	Resp:	380154
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.7	124.1
192	23.7	19.3	28.9





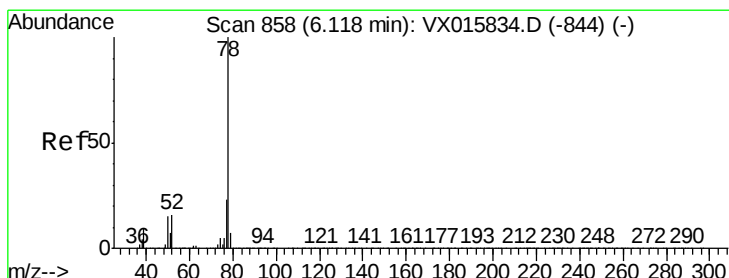
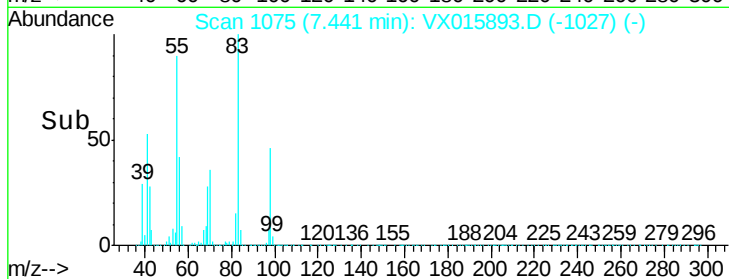
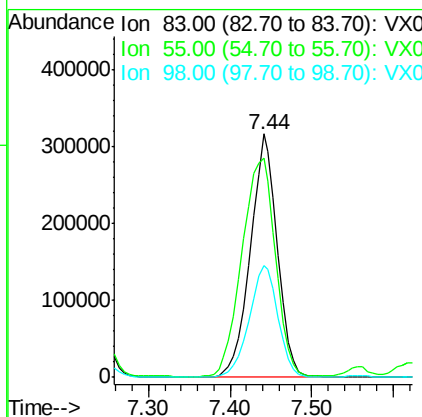
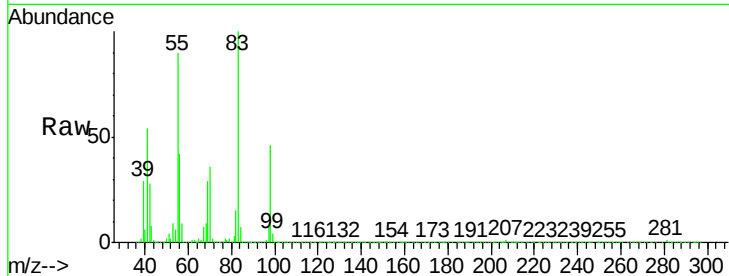
#39
Methvlcvclohexane
Concen: 51.422 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	64.2	96.4
98	46.1	39.3	58.9

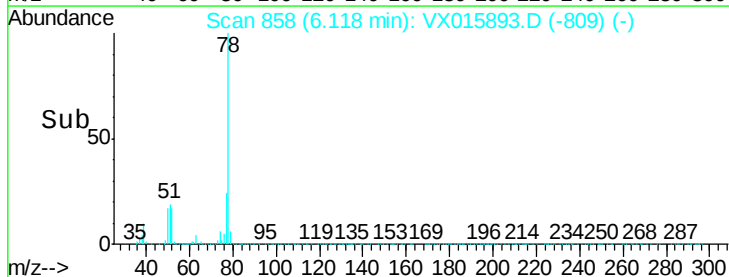
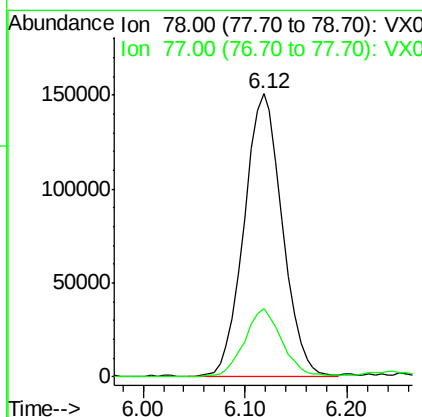
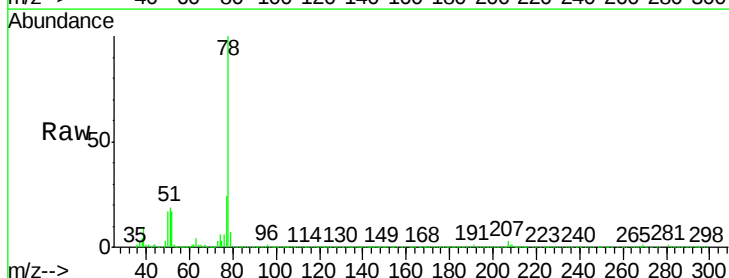
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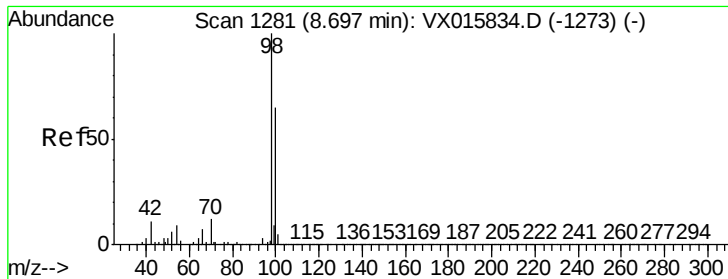
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#40
Benzene
Concen: 11.584 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





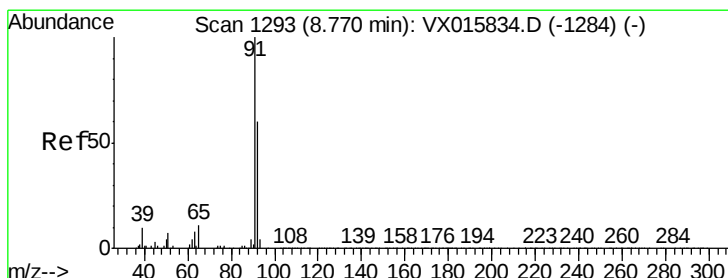
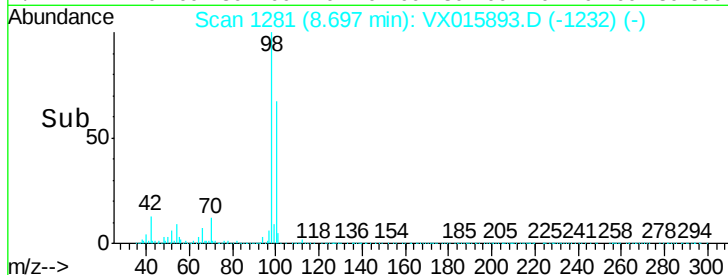
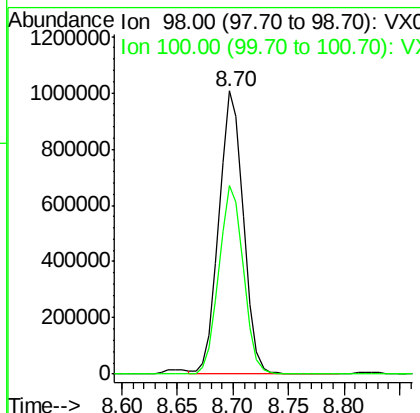
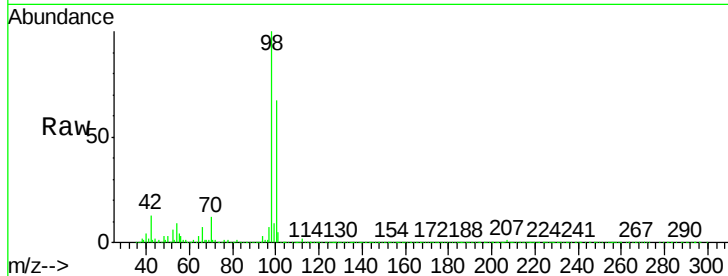
#50
Toluene-d8
Concen: 51.989 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 98 Resp: 1522568
Ion Ratio Lower Upper
98 100
100 67.2 53.8 80.6

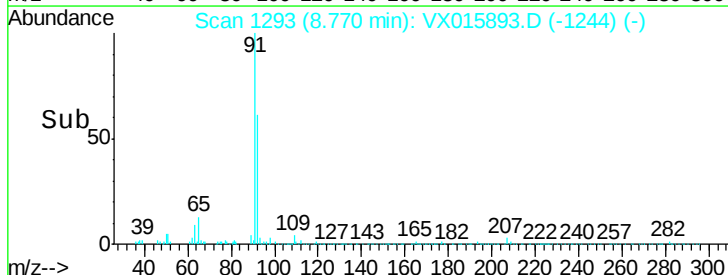
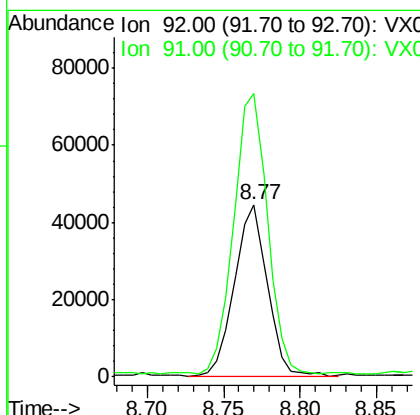
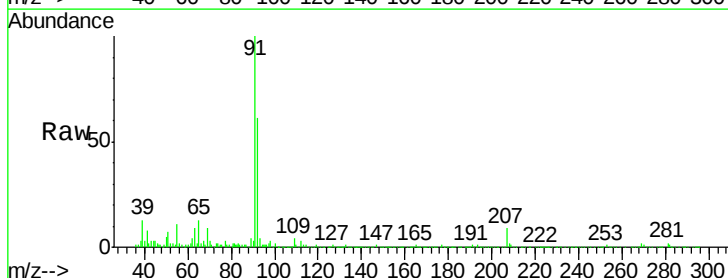
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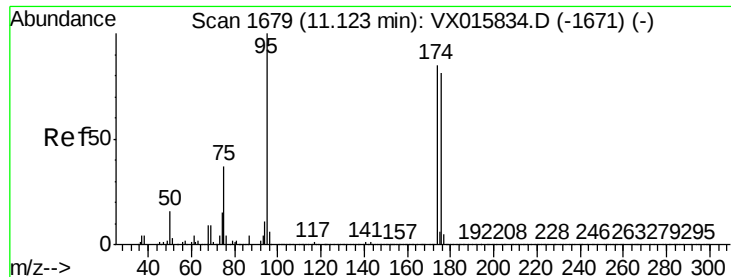
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#52
Toluene
Concen: 3.060 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 92 Resp: 66002
Ion Ratio Lower Upper
92 100
91 169.5 133.4 200.0





#62

4-Bromofluorobenzene

Concen: 53.736 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

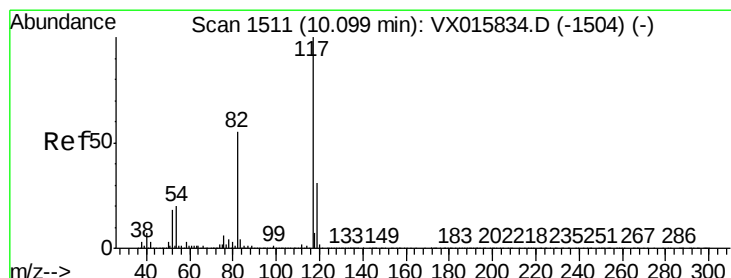
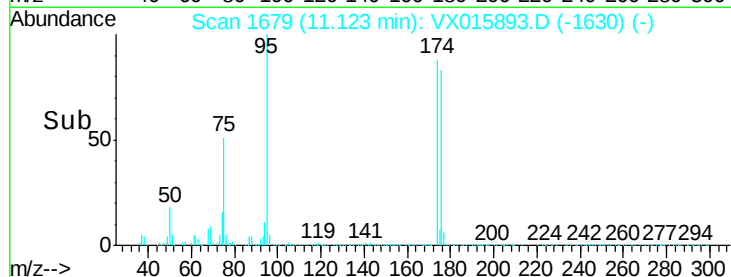
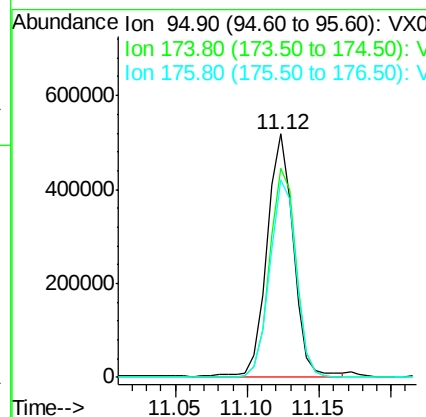
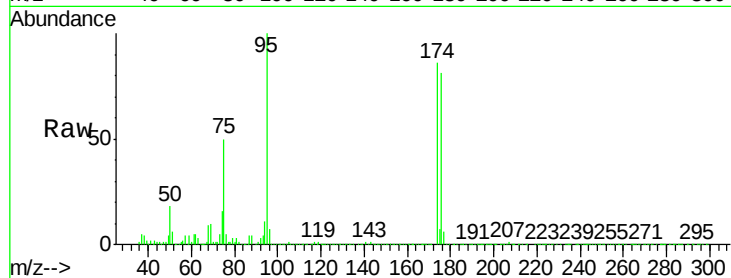
ClientSampleId :

KY001MW019-200421

Tot Ion:	95	Resp:	645590
Ion Ratio	Lower	Upper	
95	100		
174	87.1	0.0	172.4
176	82.2	0.0	167.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

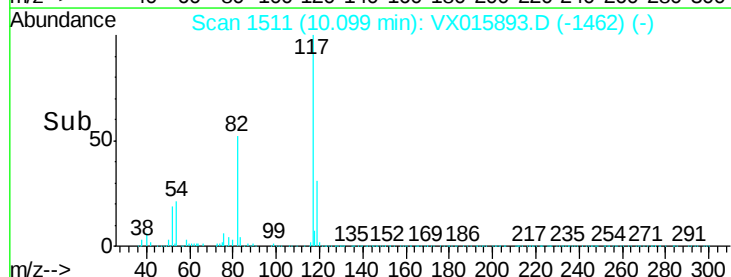
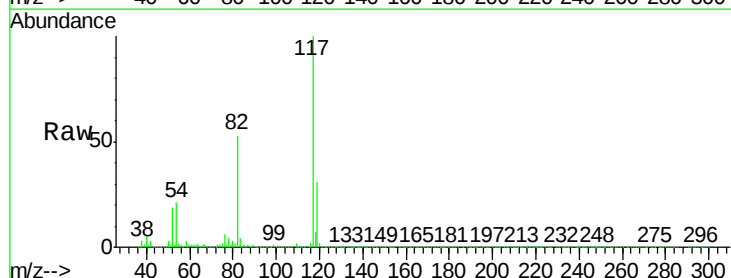
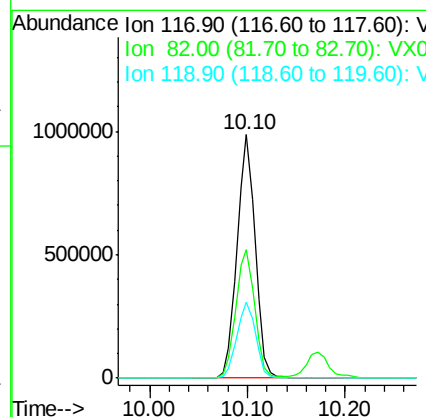
RT: 10.10 min Scan# 1511

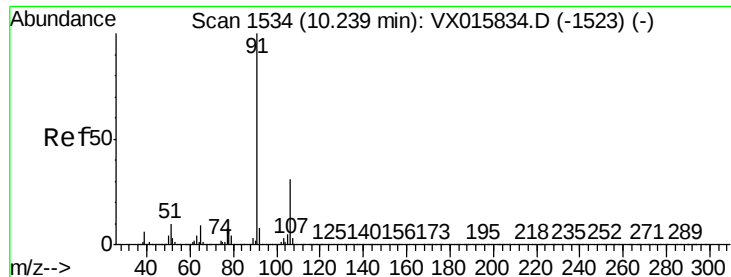
Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Tgt Ion:	117	Resp:	1275372
Ion Ratio	Lower	Upper	
117	100		
82	52.2	43.9	65.9
119	31.4	25.1	37.7





#67

Ethyl Benzene

Concen: 6.224 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion: 91 Resp: 278735

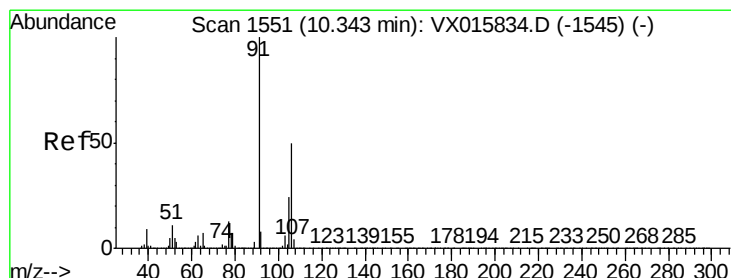
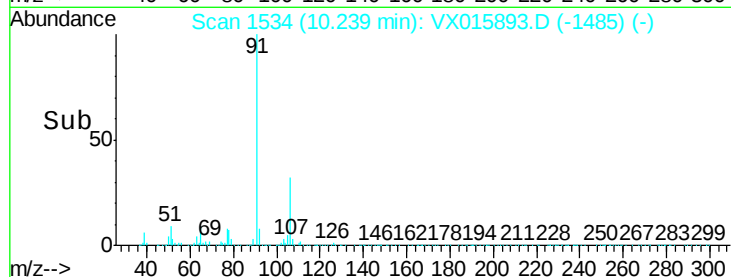
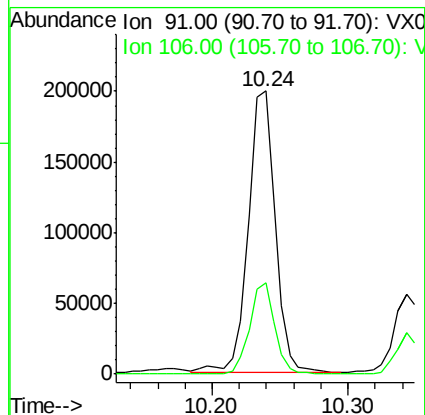
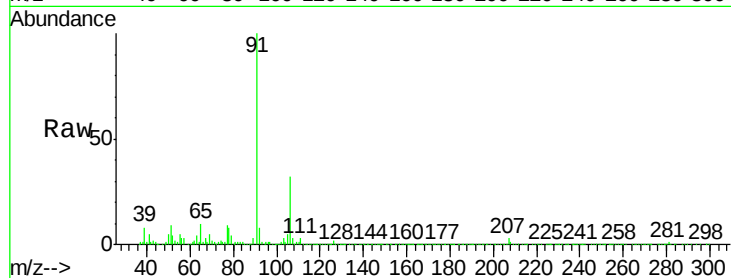
Ion Ratio Lower Upper

91 100

106 32.2 25.0 37.4

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#68

m/p-Xylenes

Concen: 2.159 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015893.D

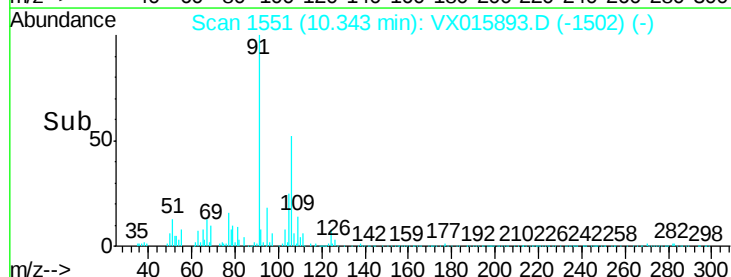
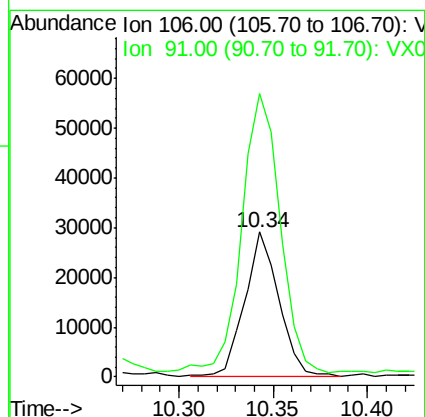
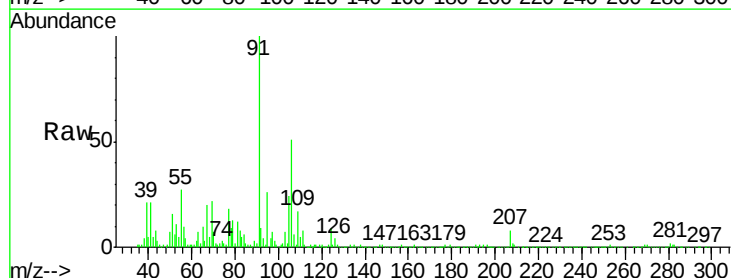
Acq: 23 Apr 2020 16:16

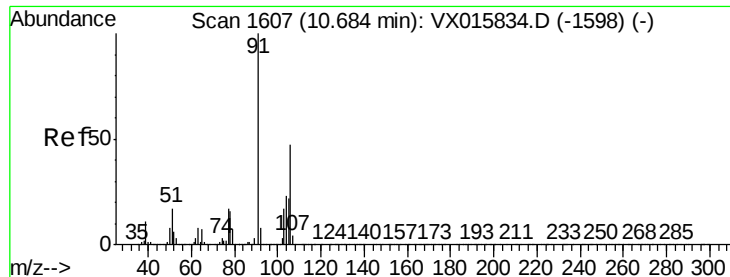
Tgt Ion: 106 Resp: 36299

Ion Ratio Lower Upper

106 100

91 215.2 161.1 241.7





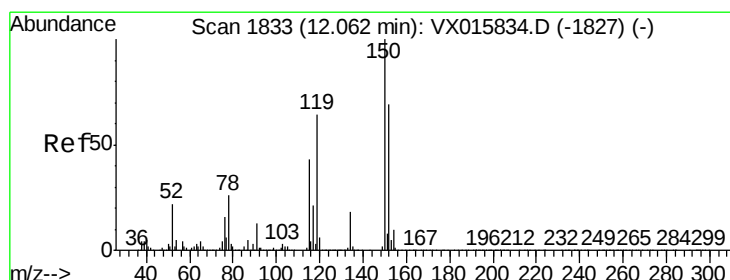
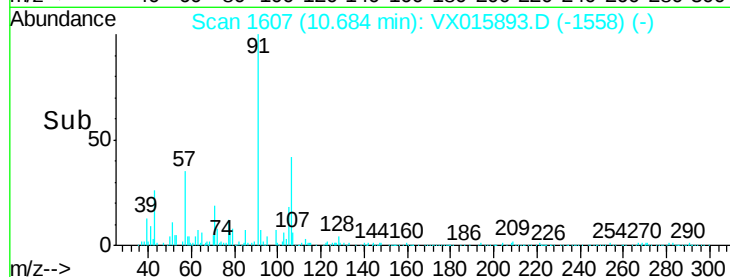
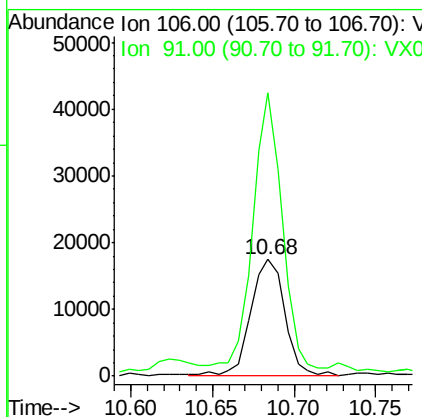
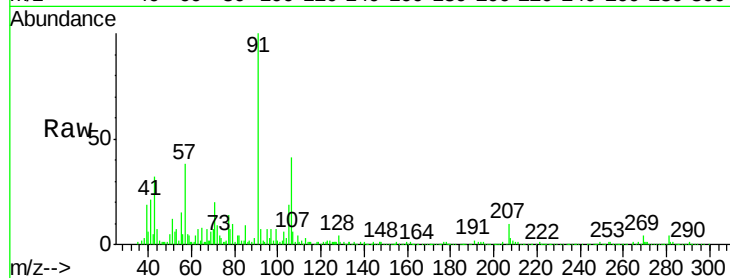
#69
o-Xylene
Concen: 1.529 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.0	107.1	321.3

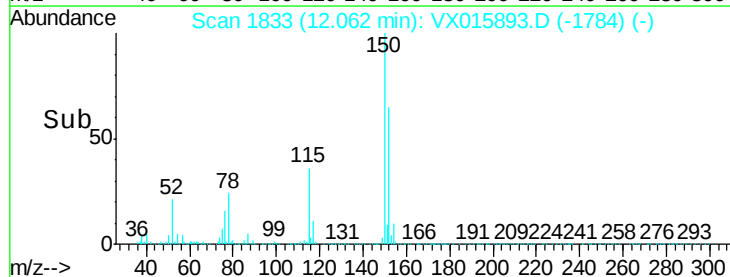
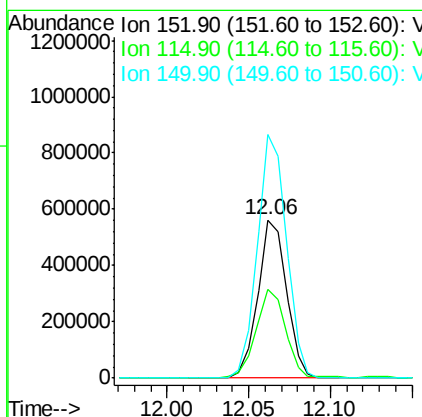
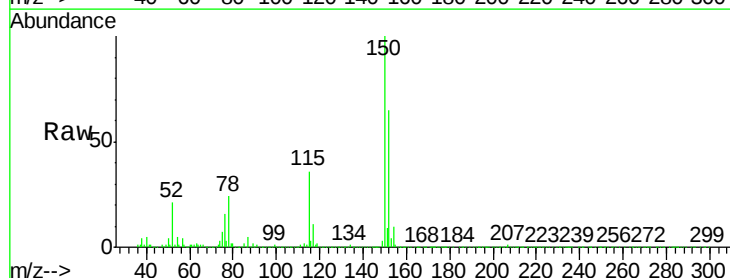
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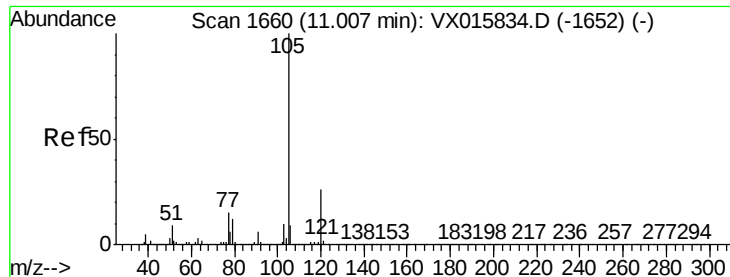
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	39.0	116.9
150	156.0	0.0	336.8





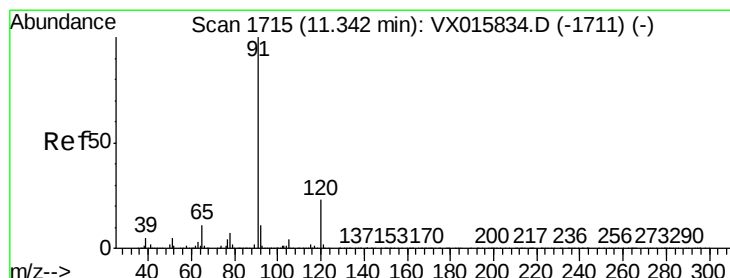
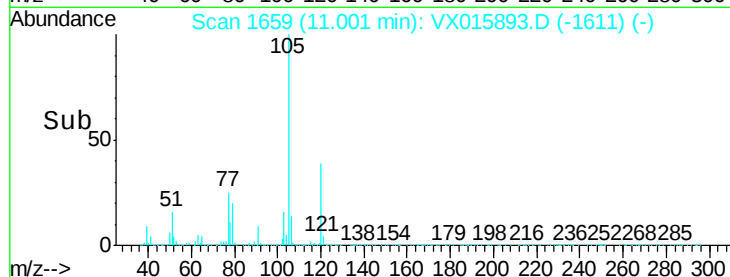
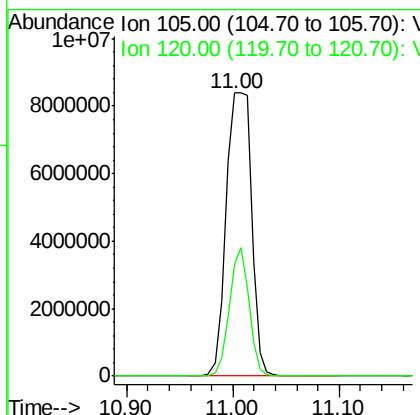
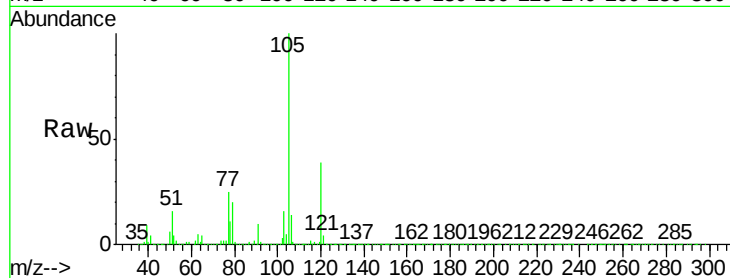
#73
Isopropylbenzene
Concen: 320.337 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion:105 Resp:14074546
Ion Ratio Lower Upper
105 100
120 34.9 13.1 39.1

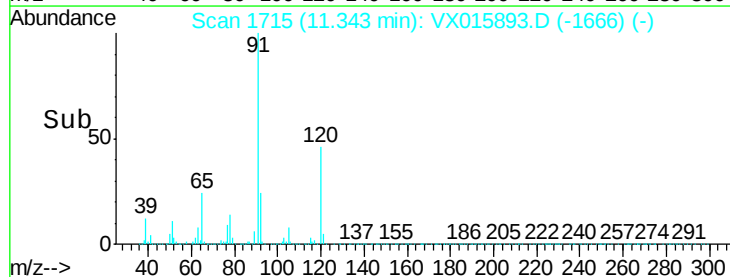
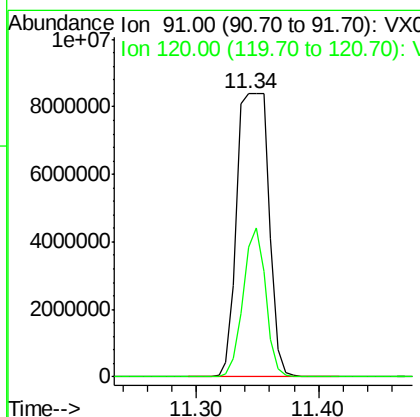
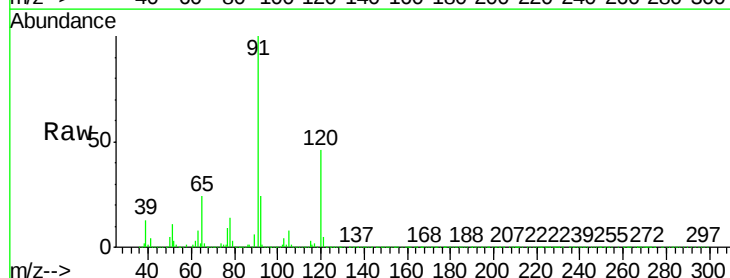
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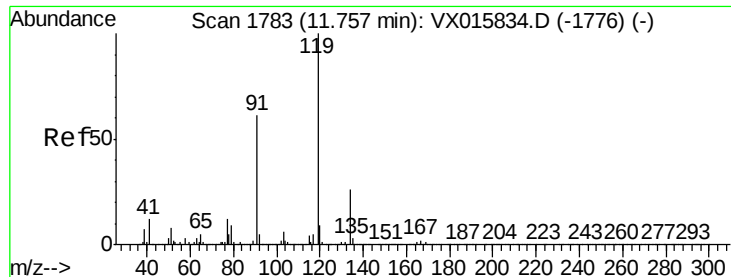
MMDadoda
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#78
n-propylbenzene
Concen: 302.423 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 91 Resp:15221443
Ion Ratio Lower Upper
91 100
120 36.7 11.7 35.1#





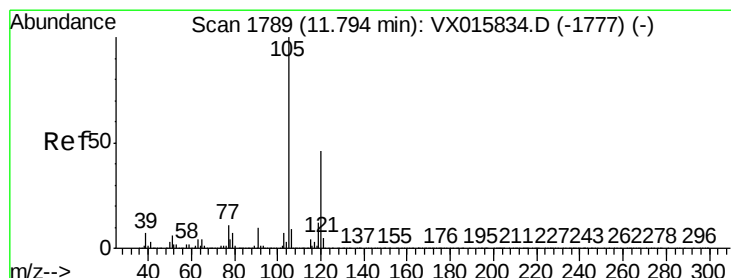
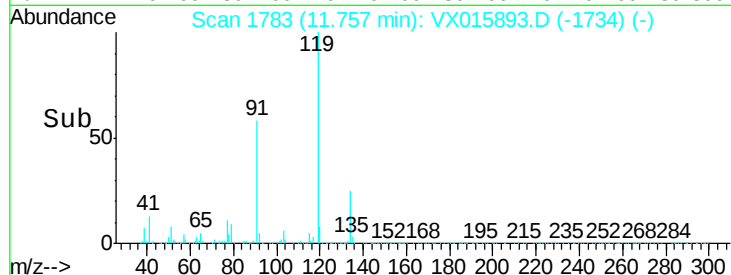
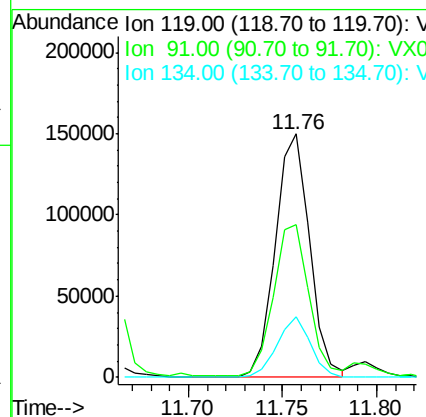
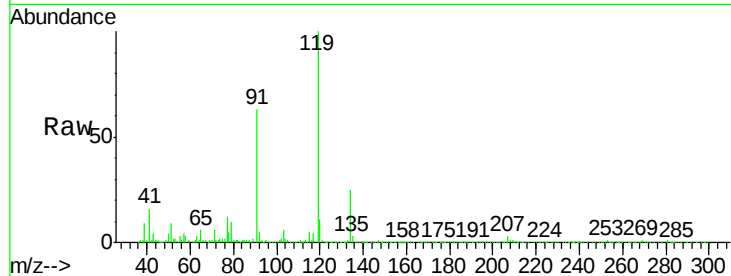
#83
tert-Butylbenzene
Concen: 5.649 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187725		
91	64.2	30.9	92.7	
134	24.1	12.4	37.2	

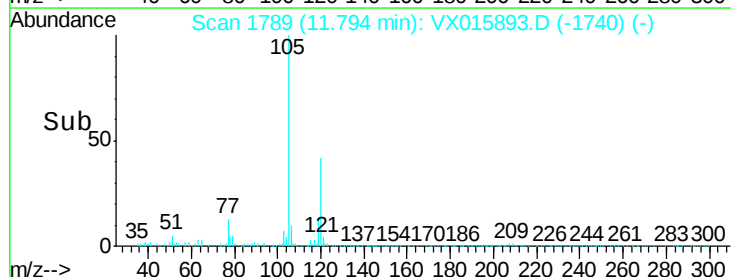
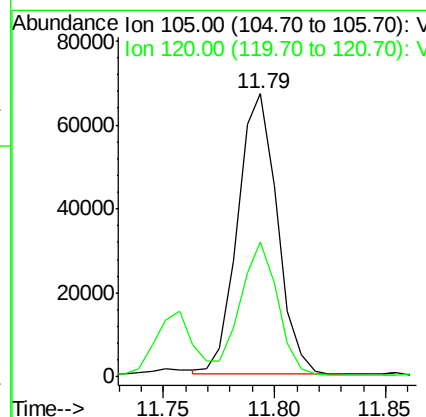
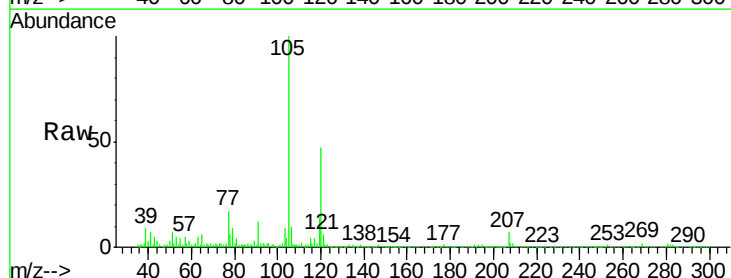
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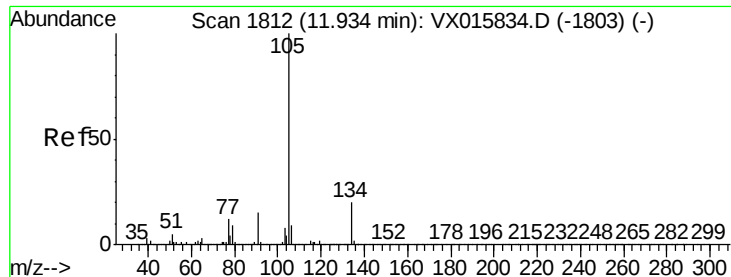
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 2.122 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	82526		
120	44.0	22.9	68.7	





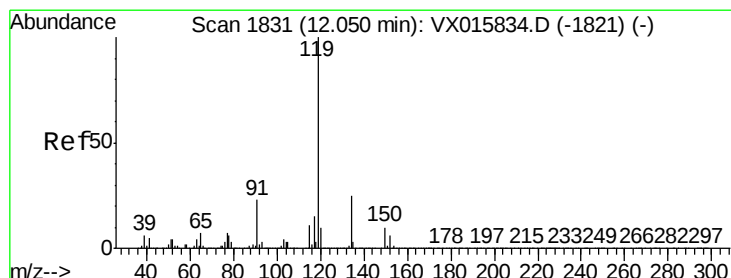
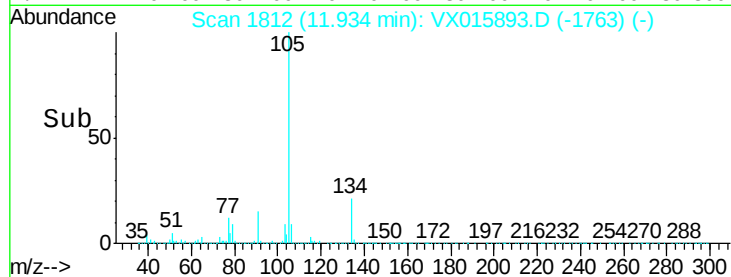
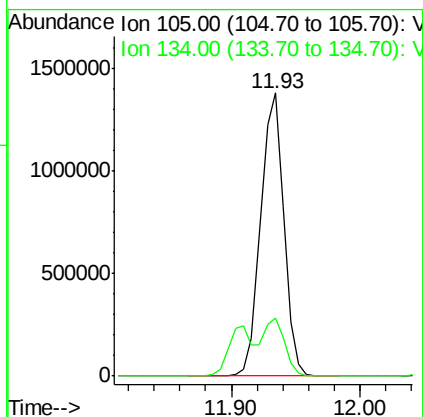
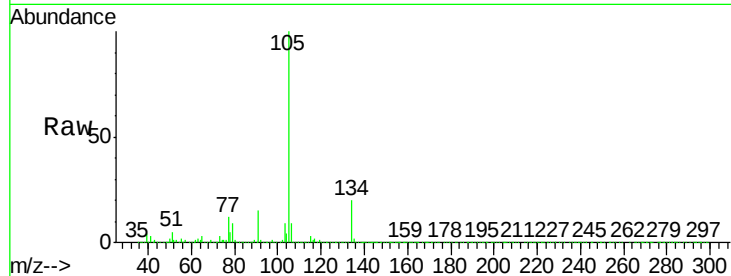
#85
 sec-Butylbenzene
 Concen: 38.843 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Tot Ion:105 Resp: 1701612
 Ion Ratio Lower Upper
 105 100
 134 17.2 10.3 30.8

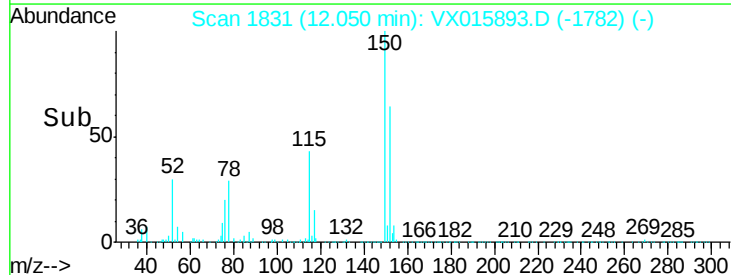
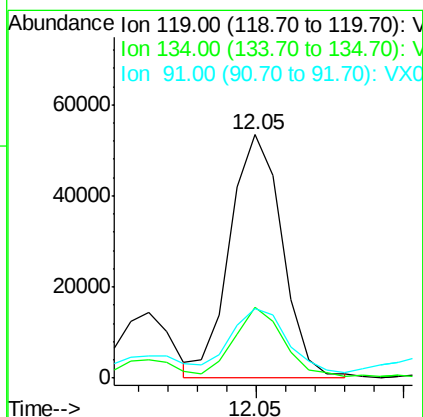
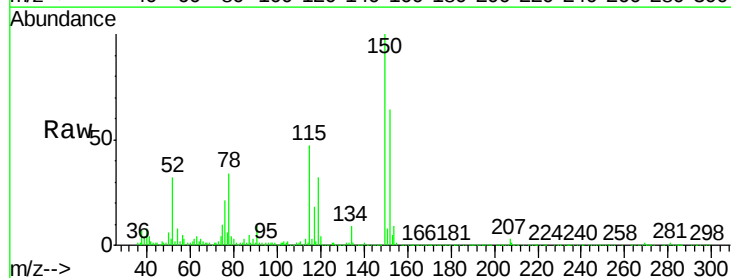
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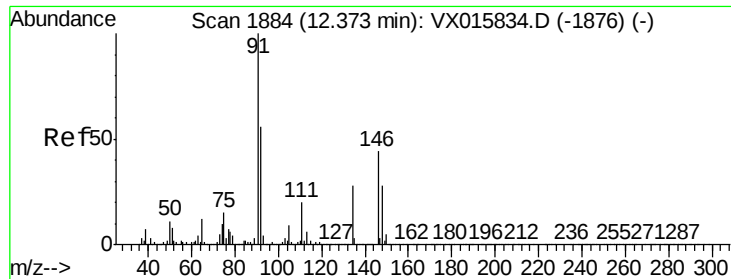
MMDadoda
 4/24/2020 11:34:42 AM



#86
 p-Isopropyltoluene
 Concen: 1.615 ug/l m
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

Tgt Ion:119 Resp: 66159
 Ion Ratio Lower Upper
 119 100
 134 418.3 13.0 38.9#
 91 372.9 11.5 34.5#





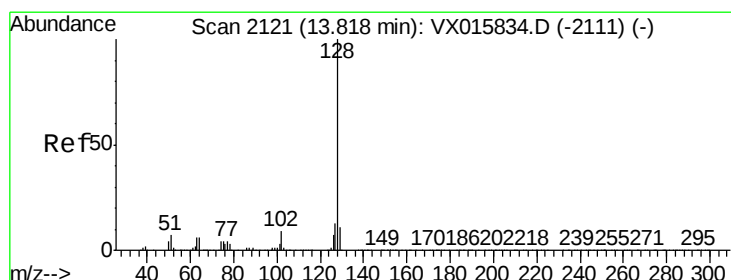
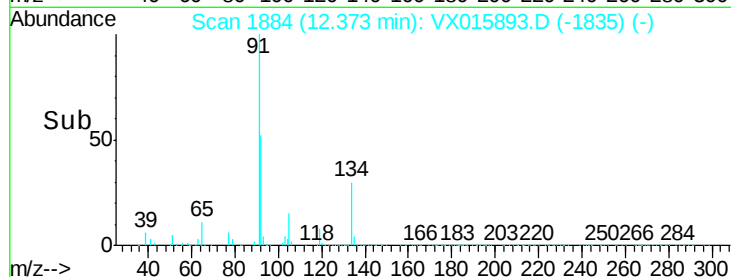
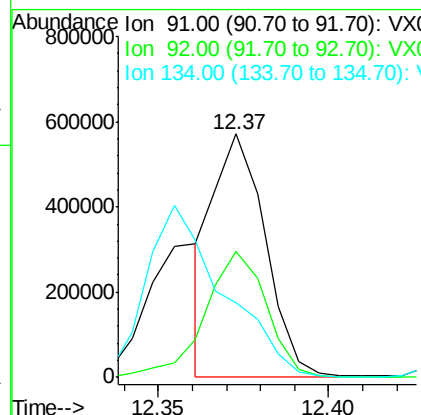
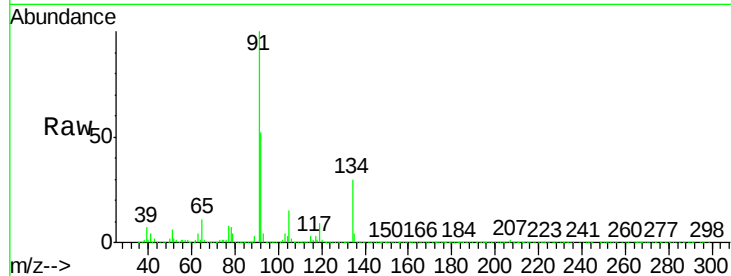
#89
n-Butylbenzene
Concen: 16.592 ug/l m
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.8	27.7	83.1
134	104.0	14.1	42.4#

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#95
Naphthalene
Concen: 5.353 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.5	15.7#
129	13.7	8.5	12.7#

