

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007470.D
 Acq On : 11 Feb 2019 16:13
 Operator : JC/SP
 Sample : K1433-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0503-190207

Manual Integrations
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 2/12/2019 12:15:40 PM

Quant Time: Feb 12 12:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	527742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	807980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	781089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	409360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269308	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
35) Dibromofluoromethane	5.51	113	249576	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	8.71	98	981320	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	401408	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	232171	200.278	ug/l #	73
19) Methyl tert-butyl Ether	3.20	73	5307012	325.095	ug/l	98
29) Tetrahydrofuran	5.15	42	20550	8.948	ug/l	96
31) Cyclohexane	5.58	56	396575	50.912	ug/l	96
39) Methylcyclohexane	7.46	83	194540	22.179	ug/l #	89
40) Benzene	6.15	78	6600754	309.098	ug/l	100
52) Toluene	8.79	92	118656	8.612	ug/l	98
67) Ethyl Benzene	10.25	91	16254388	592.174	ug/l #	52
68) m/p-Xylenes	10.36	106	643117	58.941	ug/l	98
69) o-Xylene	10.70	106	791645	75.400	ug/l	98
73) Isopropylbenzene	11.02	105	3184018	114.458	ug/l	99
78) n-propylbenzene	11.36	91	3922094	128.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	330733	14.532	ug/l	99
83) tert-Butylbenzene	11.77	119	30001	1.331	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	762571	33.004	ug/l	99
85) sec-Butylbenzene	11.94	105	146877	5.386	ug/l	95
86) p-Isopropyltoluene	12.06	119	22649m	0.920	ug/l	
89) n-Butylbenzene	12.38	91	118094m	5.576	ug/l	
95) Naphthalene	13.83	128	8616479	312.107	ug/l	99

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

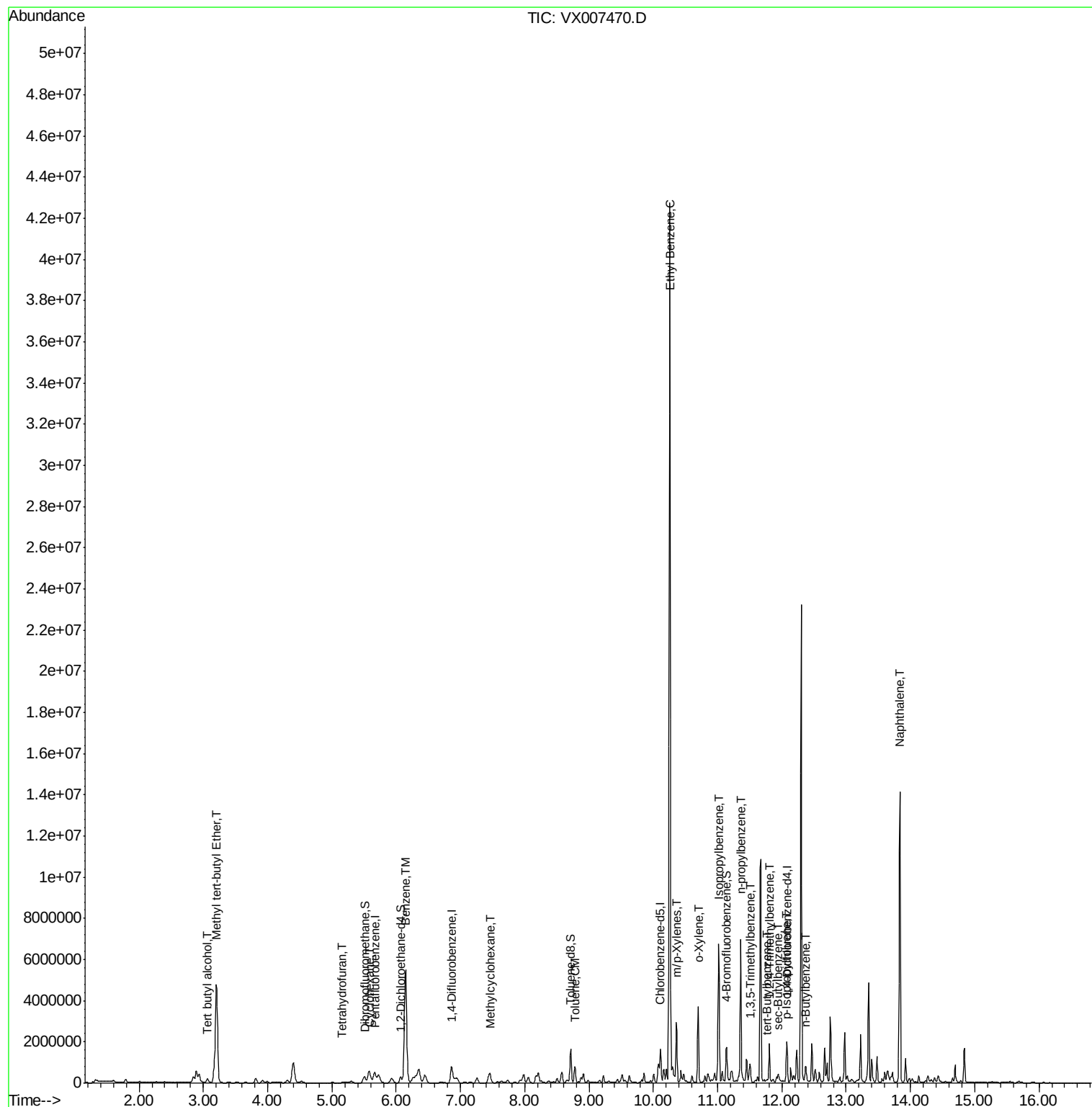
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007470.D
Acq On : 11 Feb 2019 16:13
Operator : JC/SP
Sample : K1433-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

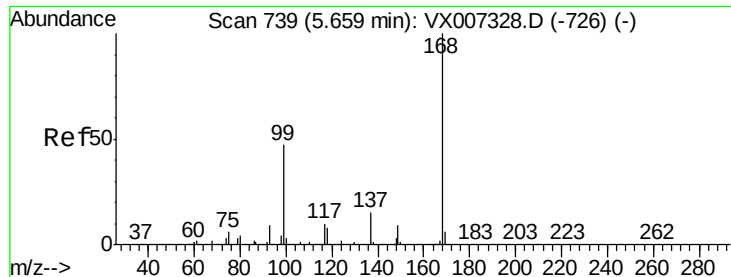
Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Manual Integrations
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Quant Time: Feb 12 12:24:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

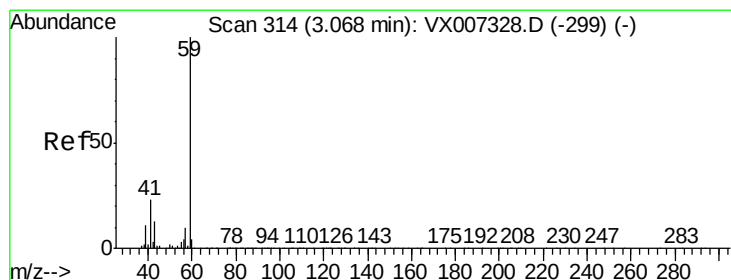
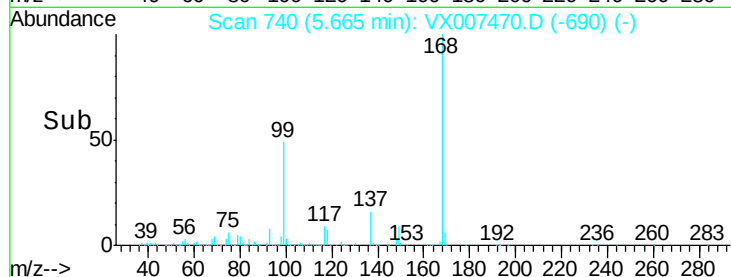
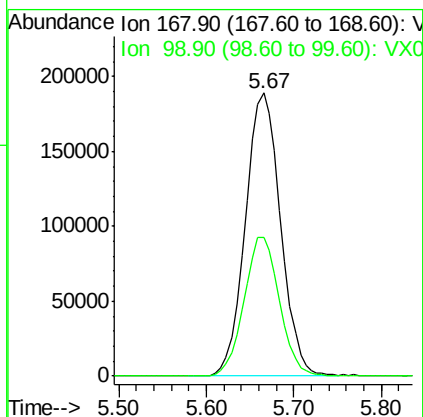
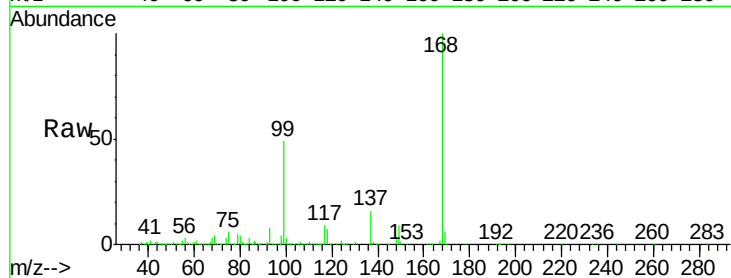
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007470.D
 Acq: 11 Feb 2019 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0503-190207

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	37.9	56.9

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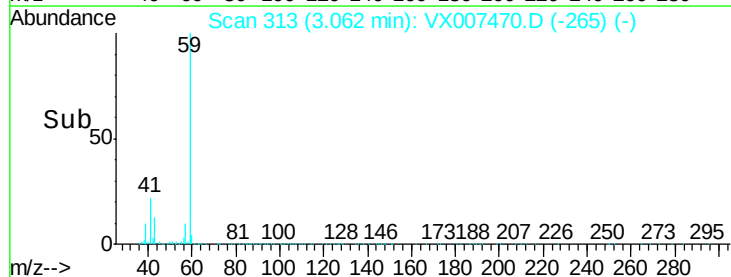
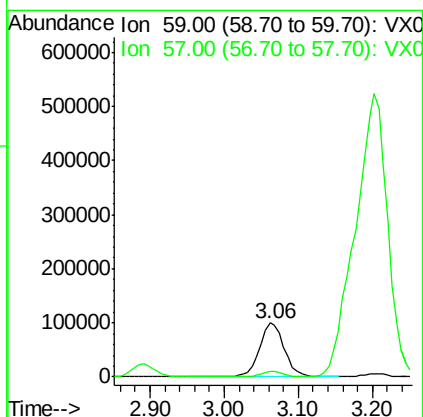
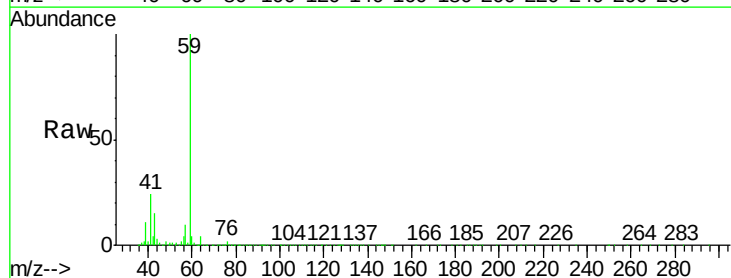
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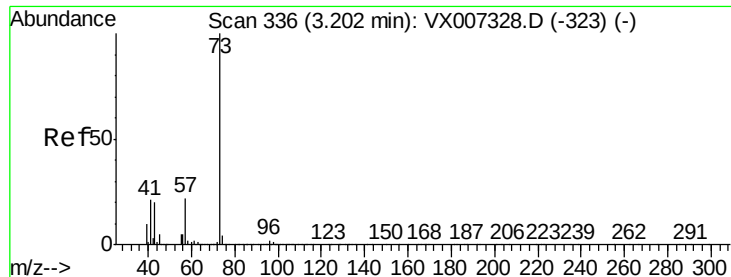


#11

Tert butyl alcohol
 Concen: 200.278 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007470.D
 Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#





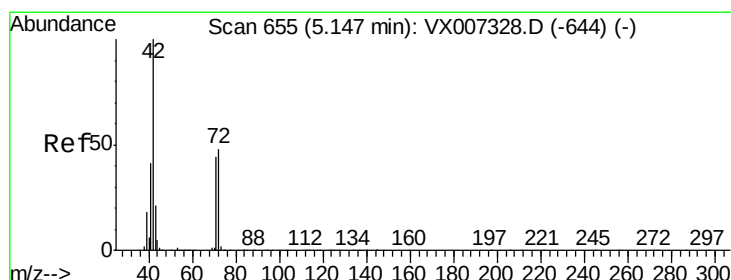
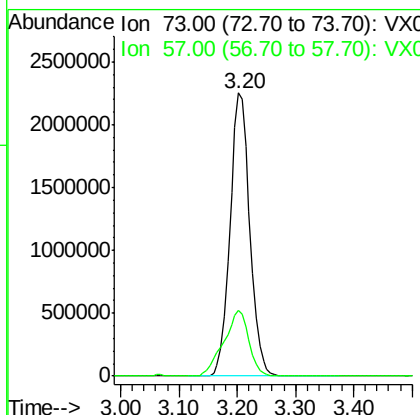
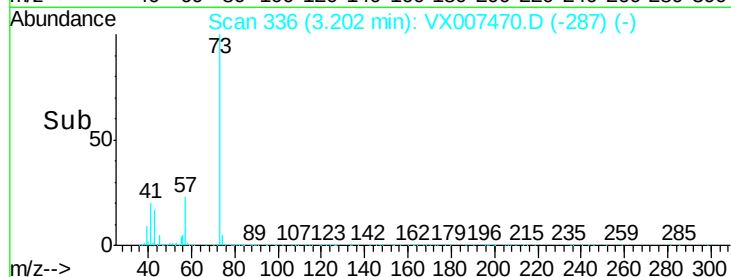
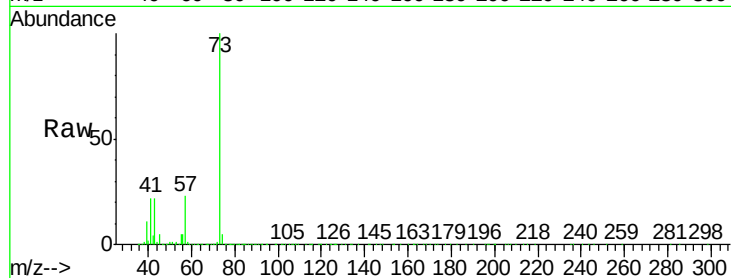
#19
Methyl tert-butyl Ether
Concen: 325.095 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion: 73 Resp: 5307012
Ion Ratio Lower Upper
73 100
57 23.2 17.8 26.8

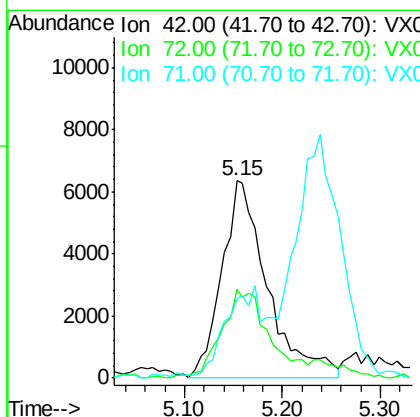
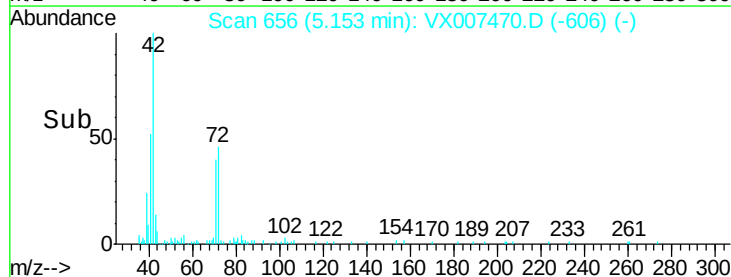
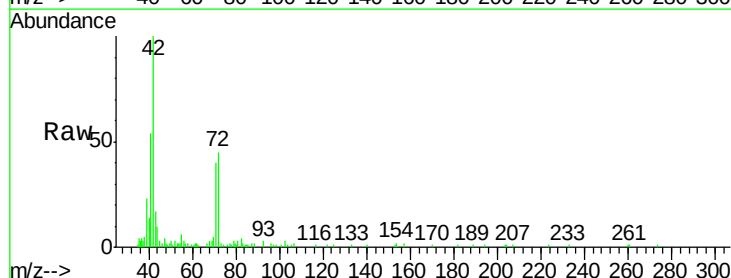
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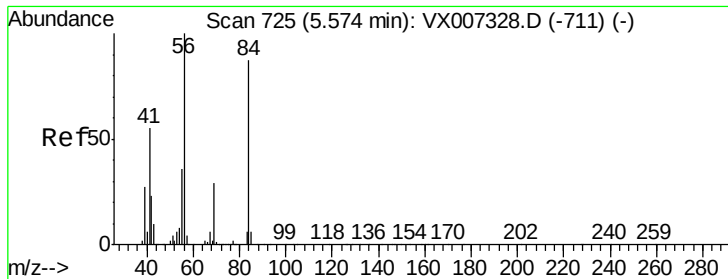
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#29
Tetrahydrofuran
Concen: 8.948 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion: 42 Resp: 20550
Ion Ratio Lower Upper
42 100
72 46.9 37.6 56.4
71 38.5 34.6 51.8





#31

Cyclohexane

Concen: 50.912 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

Instrument :

MSVOA_X

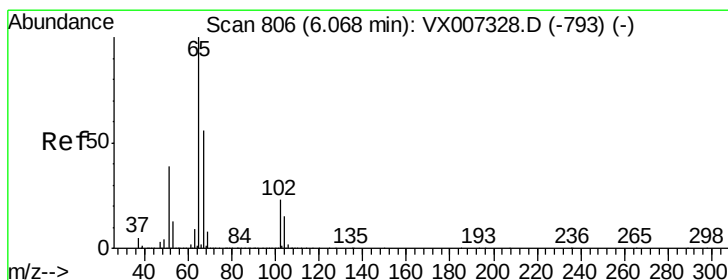
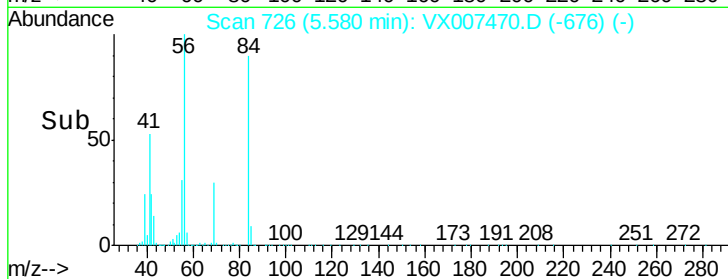
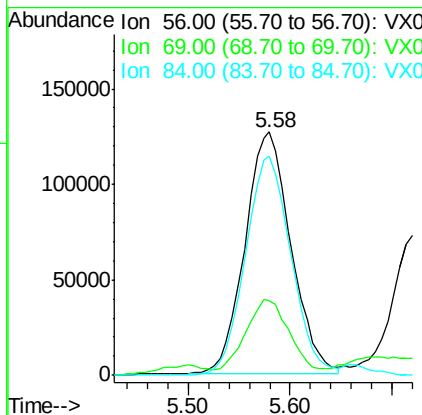
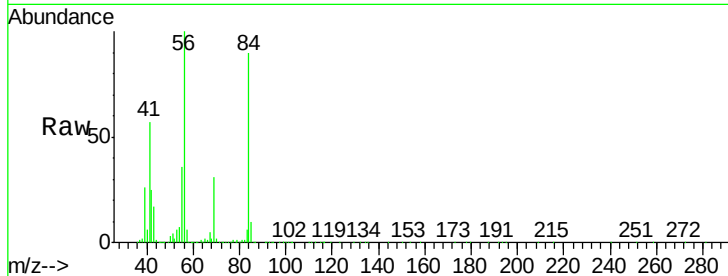
ClientSampleId :

DUP-0503-190207

Tot Ion:	56	Resp:	396575
Ion Ratio	Lower	Upper	
56	100		
69	26.8	23.0	34.6
84	90.6	69.8	104.6

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#33

1,2-Dichloroethane-d4

Concen: 48.077 ug/l

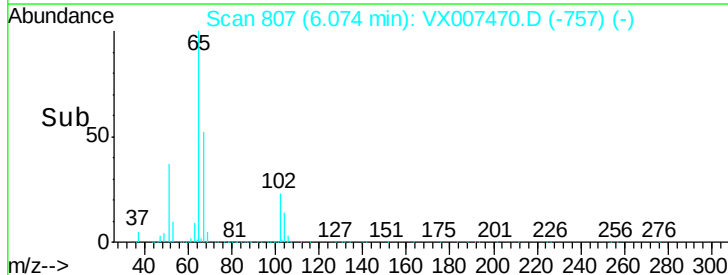
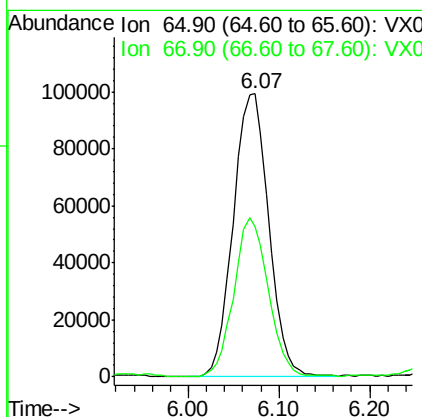
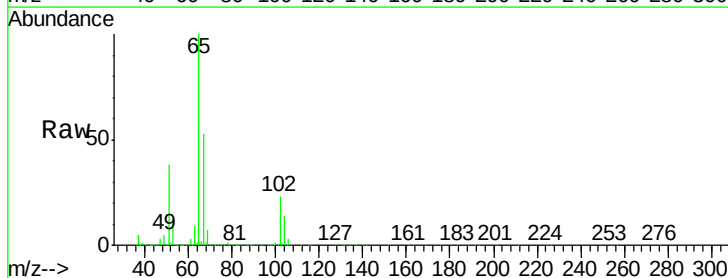
RT: 6.07 min Scan# 807

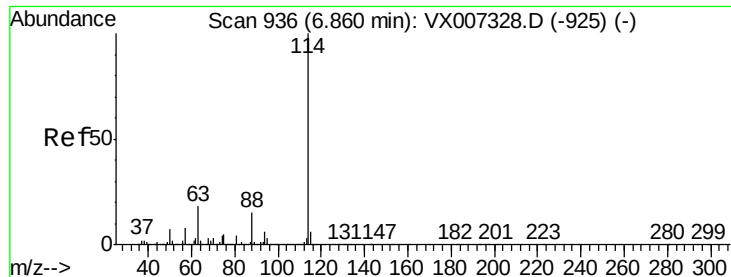
Delta R.T. 0.01 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

Tgt Ion:	65	Resp:	269308
Ion Ratio	Lower	Upper	
65	100		
67	54.4	0.0	108.8





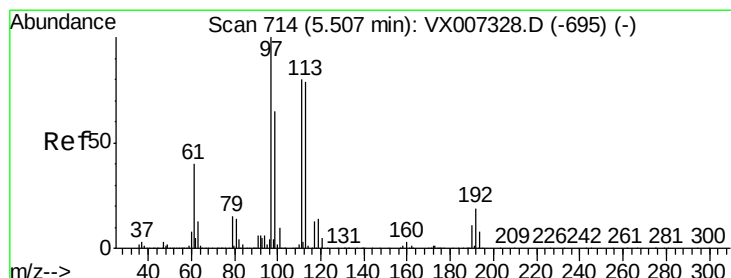
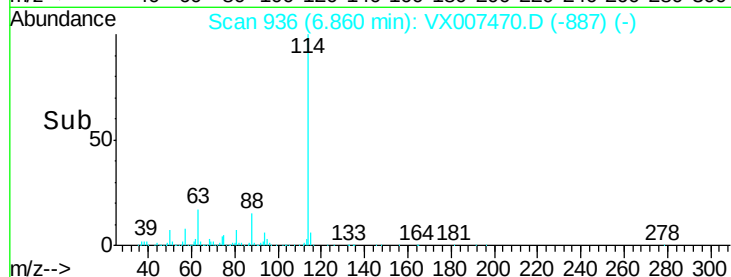
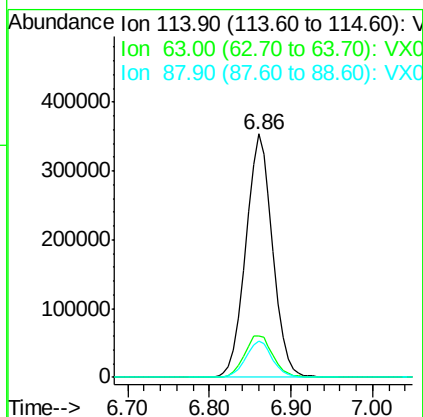
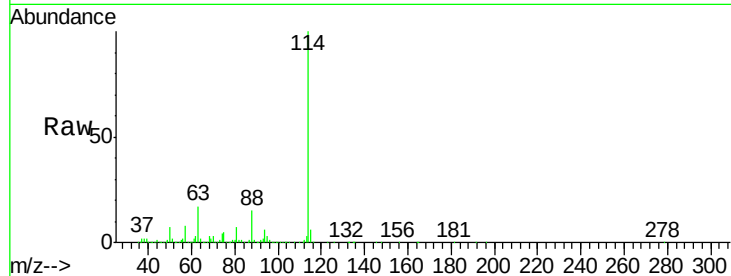
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	17.0	0.0	35.6
88	14.7	0.0	29.6

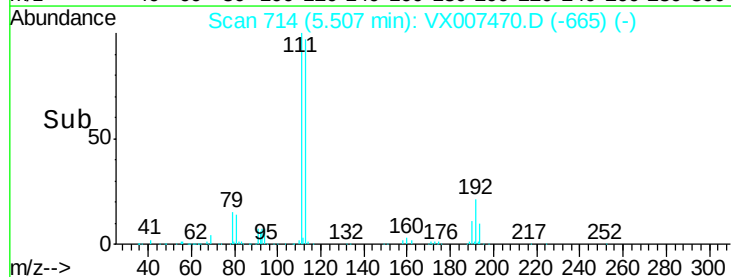
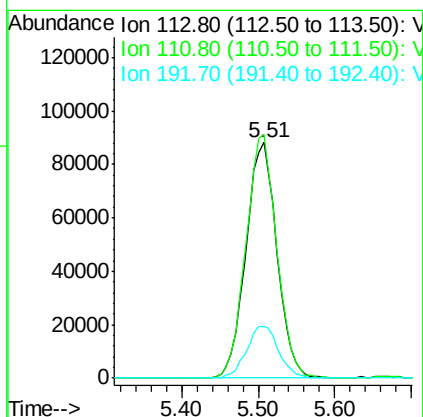
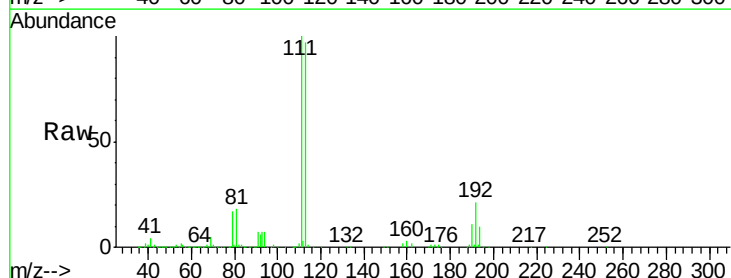
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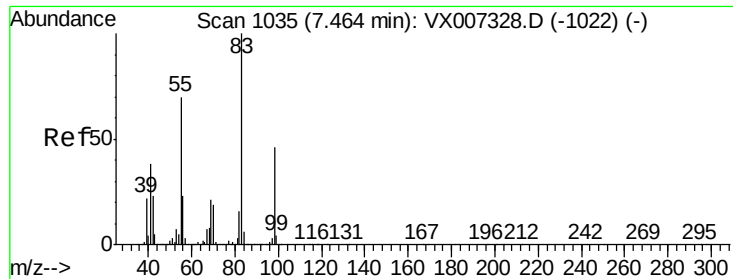
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#35
Dibromofluoromethane
Concen: 47.473 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.5	81.8	122.8
192	22.8	18.5	27.7





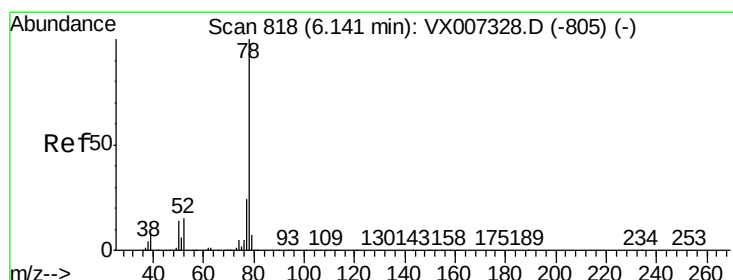
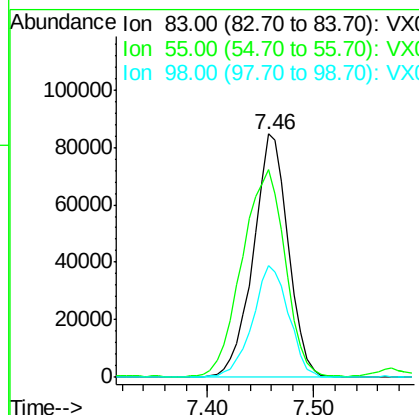
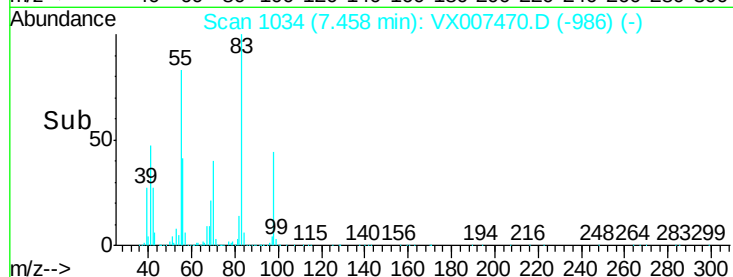
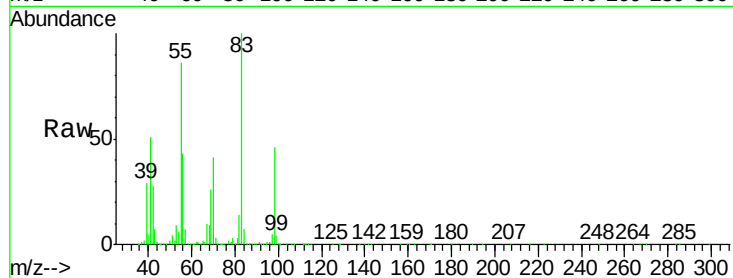
#39
Methylvlcyclohexane
Concen: 22.179 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.2	56.2	84.2#
98	45.7	36.8	55.2

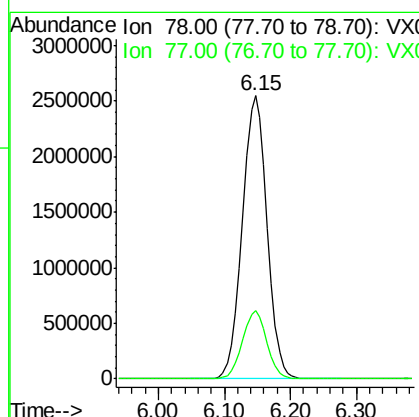
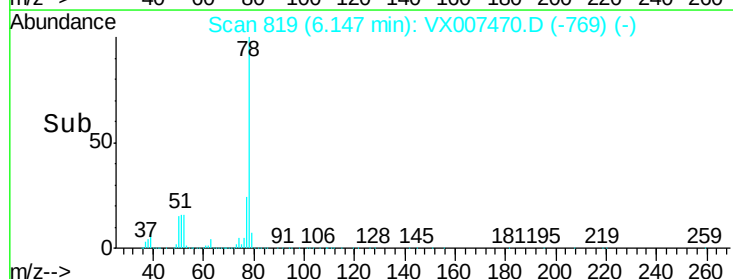
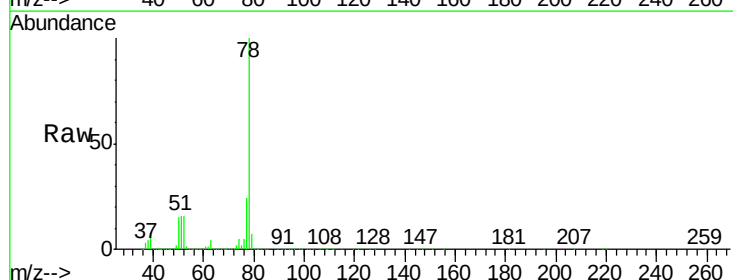
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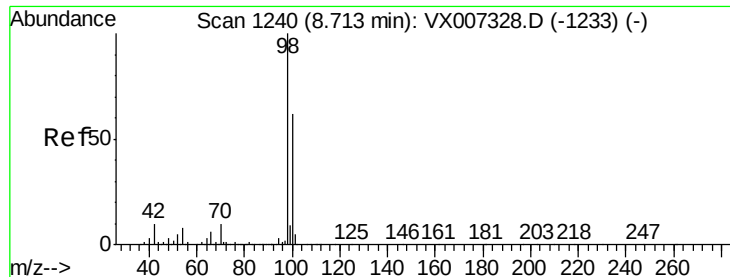
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#40
Benzene
Concen: 309.098 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





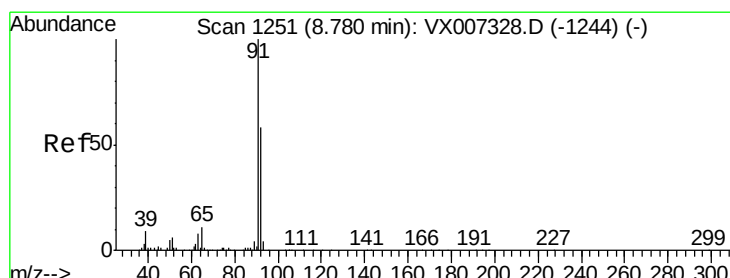
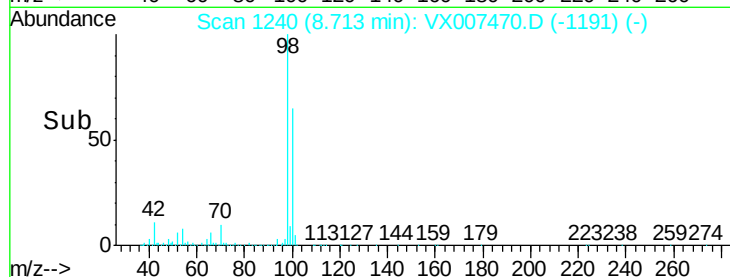
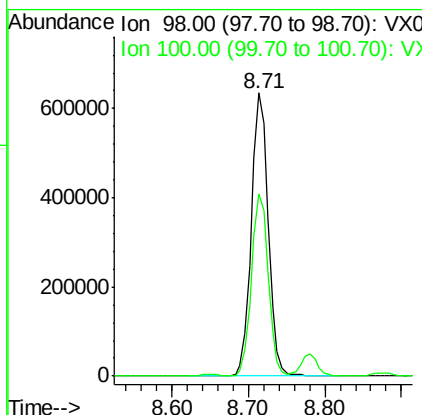
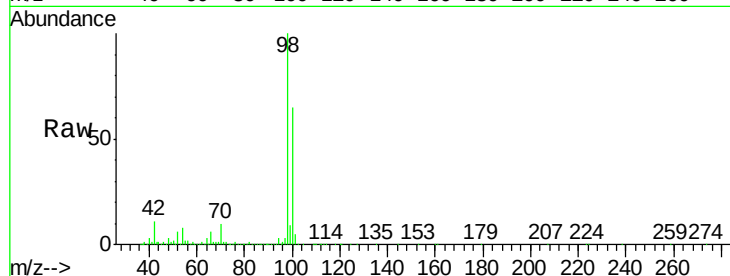
#50
Toluene-d8
Concen: 50.311 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	63.9	51.6	77.4	

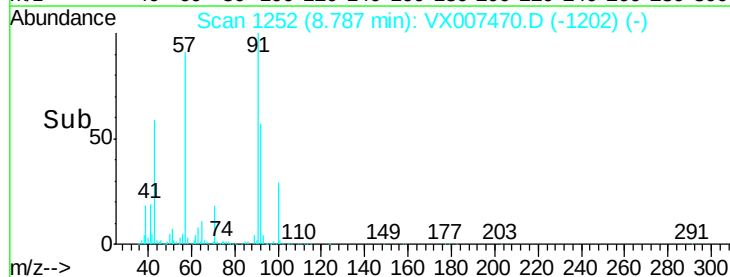
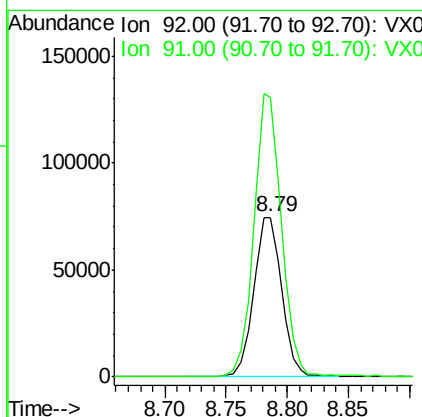
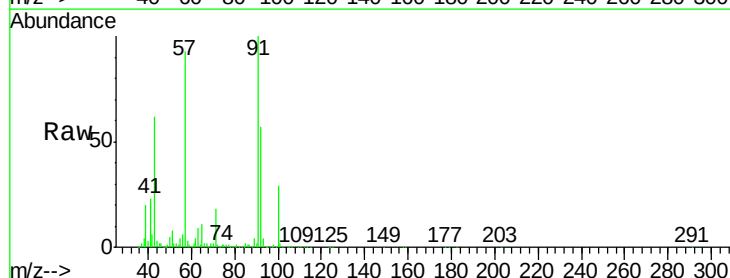
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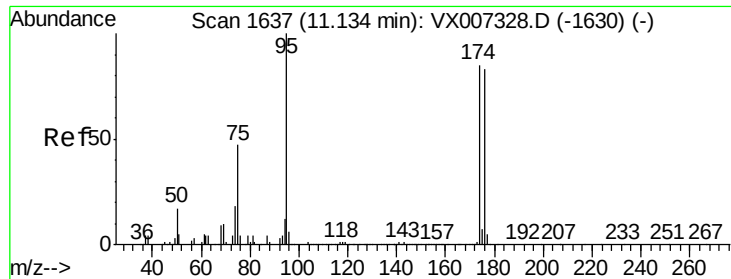
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#52
Toluene
Concen: 8.612 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	176.5	139.1	208.7	





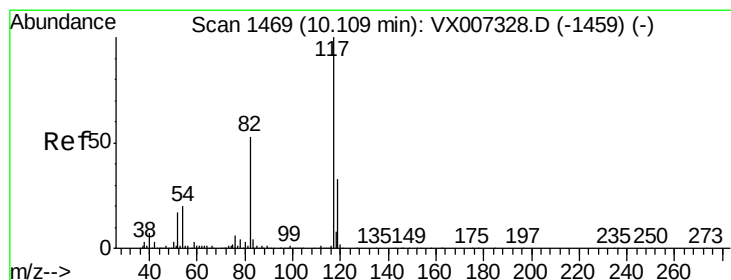
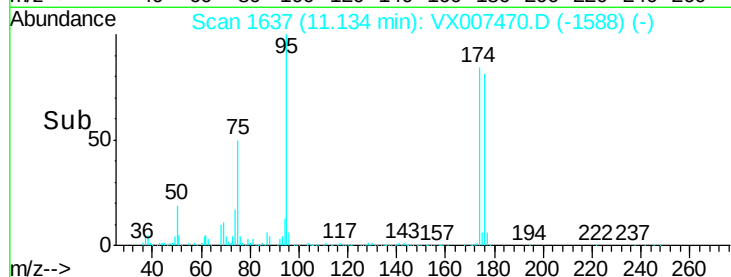
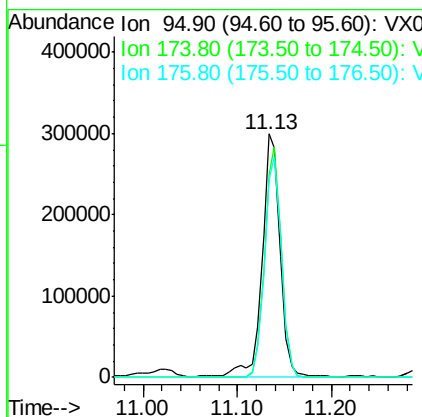
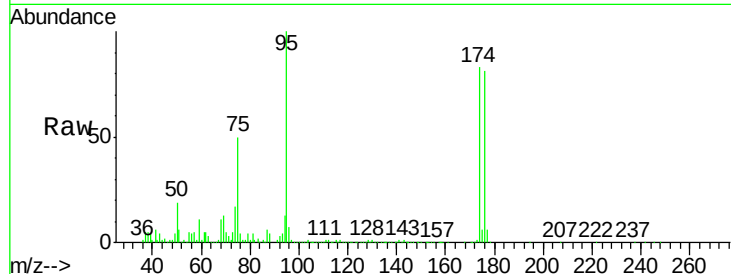
#62
4-Bromofluorobenzene
Concen: 56.367 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ratio	Resp	Lower	Upper
95	100	401408		
174	88.7	0.0	189.2	
176	85.6	0.0	186.2	

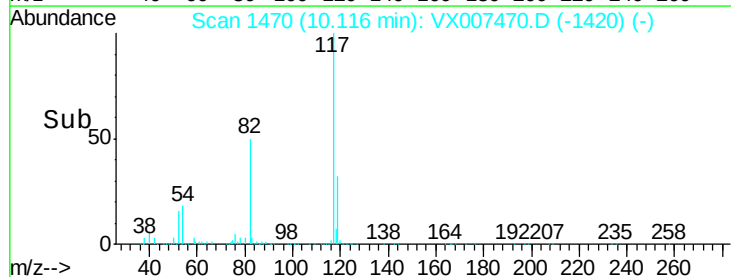
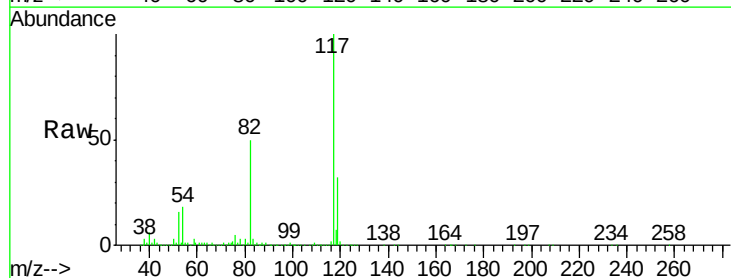
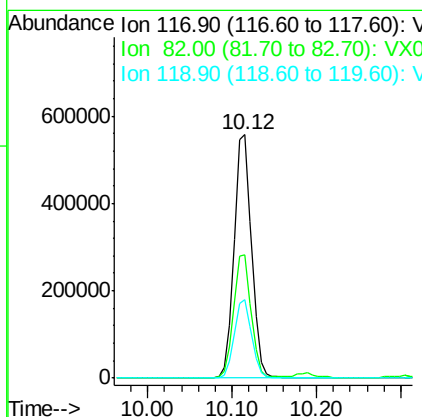
Manual Integrations
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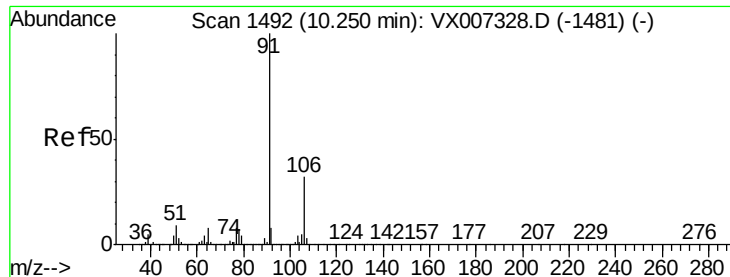
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	781089		
82	50.4	42.1	63.1	
119	32.4	26.5	39.7	





#67

Ethyl Benzene

Concen: 592.174 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

DUP-0503-190207

Tot Ion: 91 Resp: 16254388

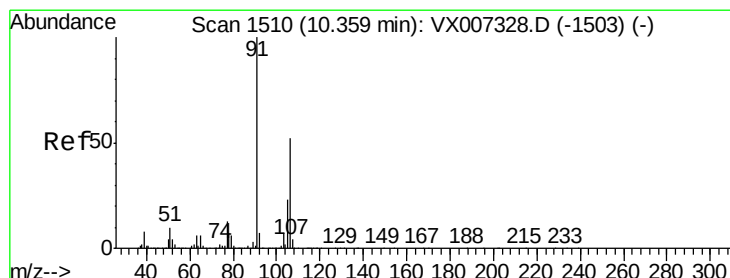
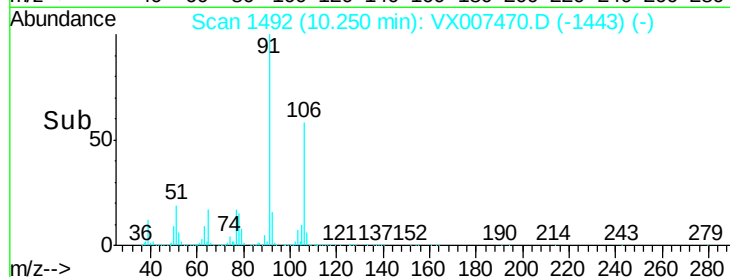
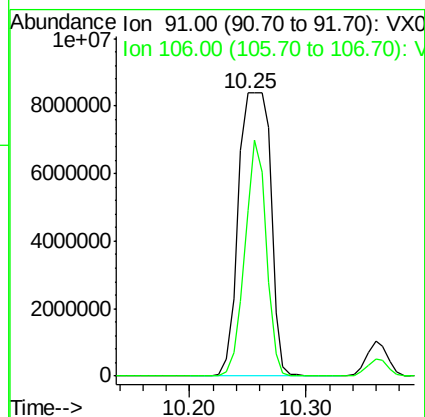
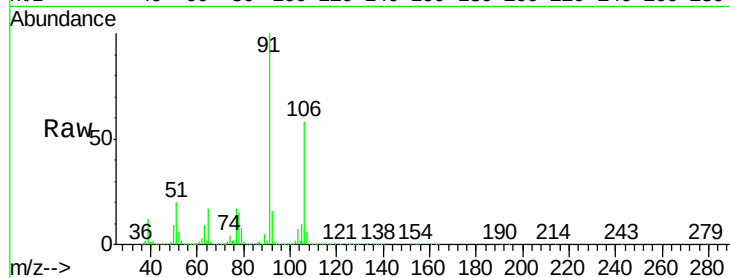
Ion Ratio Lower Upper

91 100

106 58.5 25.4 38.0#

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#68

m/p-Xylenes

Concen: 58.941 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007470.D

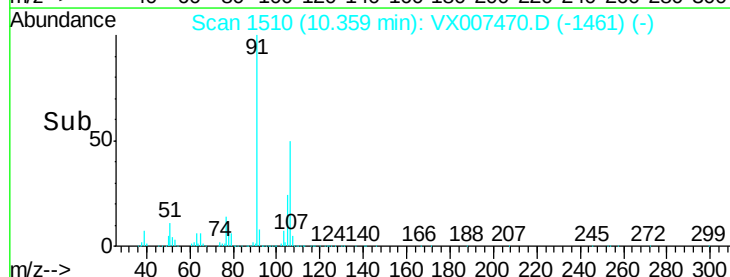
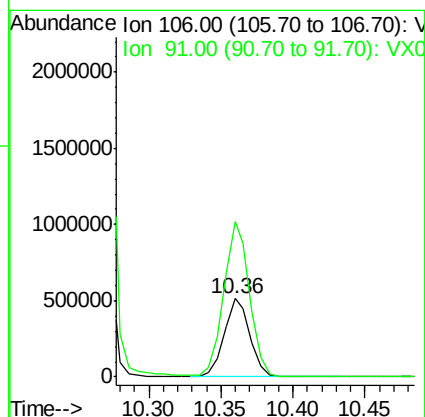
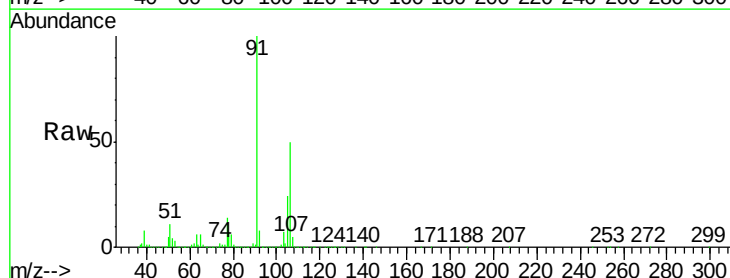
Acq: 11 Feb 2019 16:13

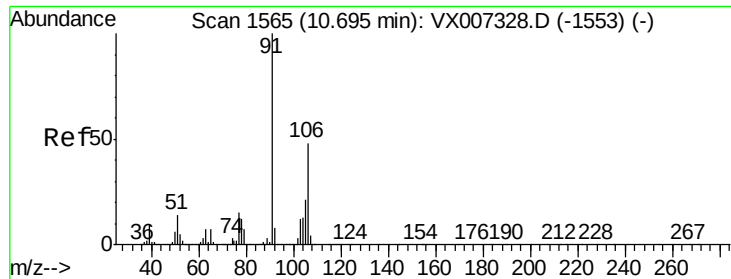
Tgt Ion: 106 Resp: 643117

Ion Ratio Lower Upper

106 100

91 198.2 156.6 234.8





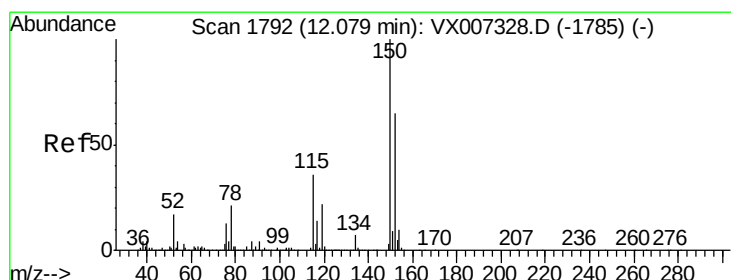
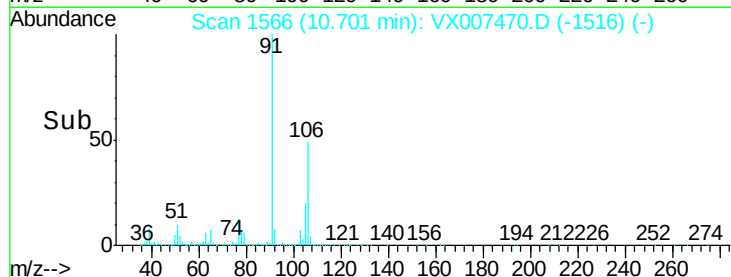
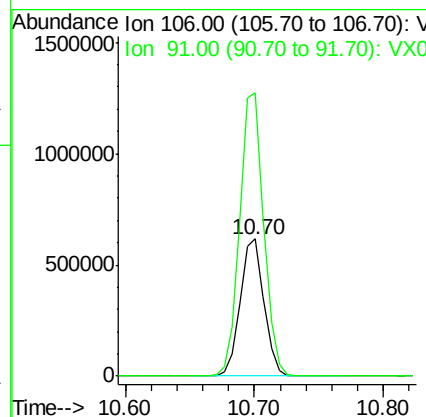
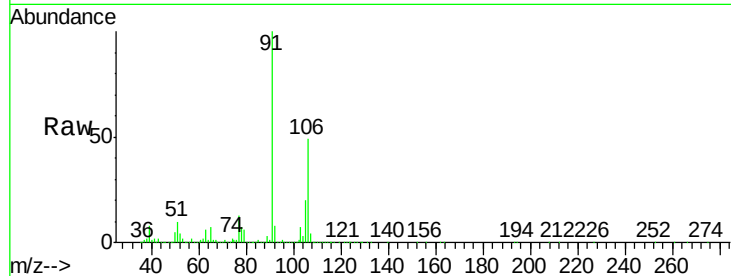
#69
o-Xylene
Concen: 75.400 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ratio	Resp	Lower	Upper
106	100	791645		
91	208.9	102.9	308.7	

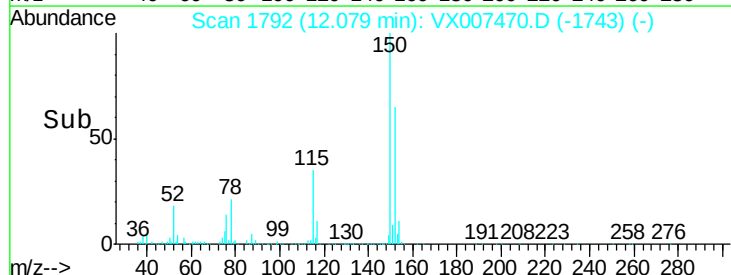
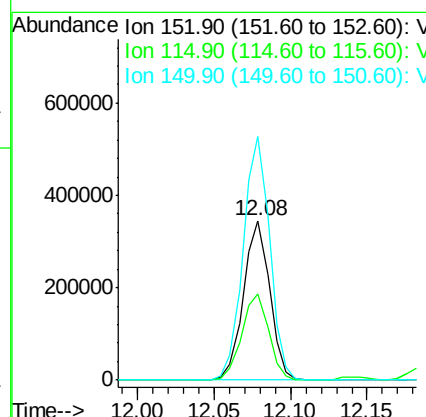
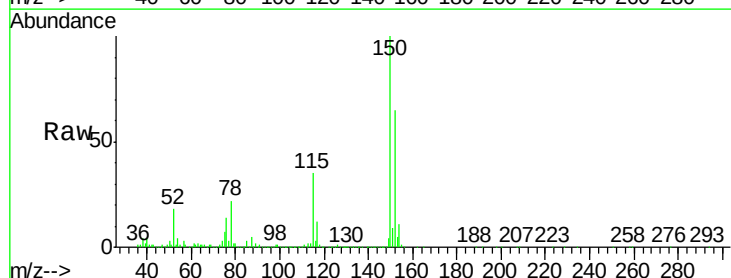
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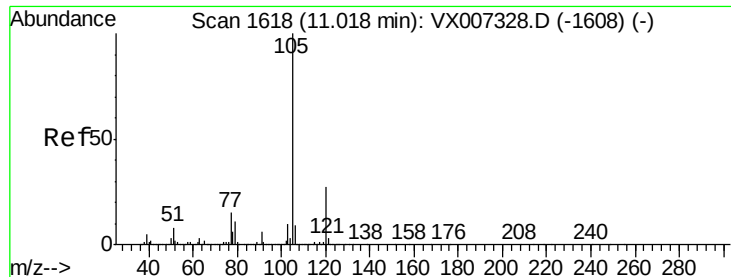
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	409360		
115	55.5	38.0	114.0	
150	154.7	0.0	346.4	





#73

Isopropylbenzene

Concen: 114.458 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

DUP-0503-190207

Tot Ion:105 Resp: 3184018

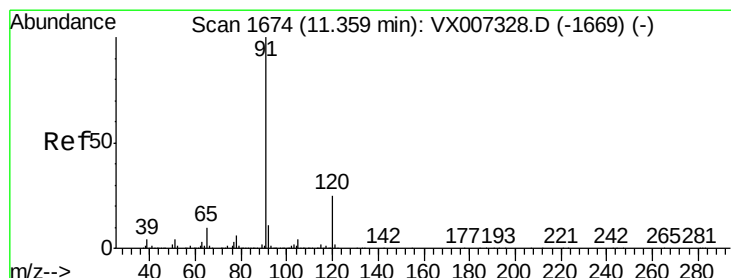
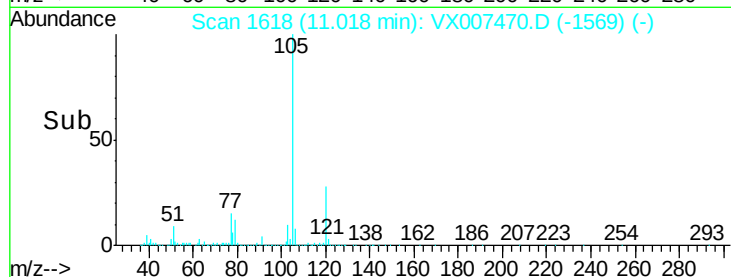
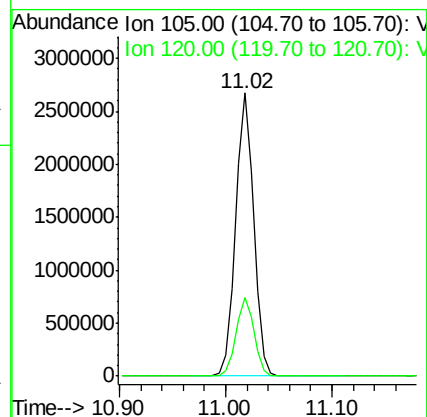
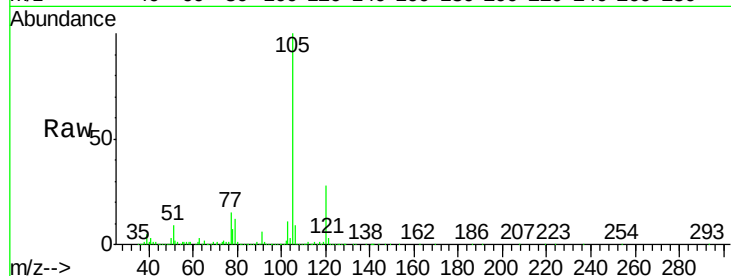
Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7

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#78

n-propylbenzene

Concen: 128.575 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007470.D

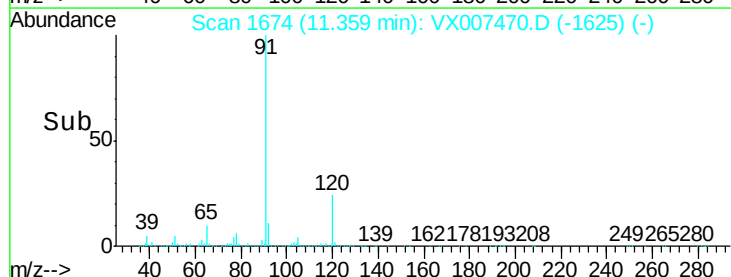
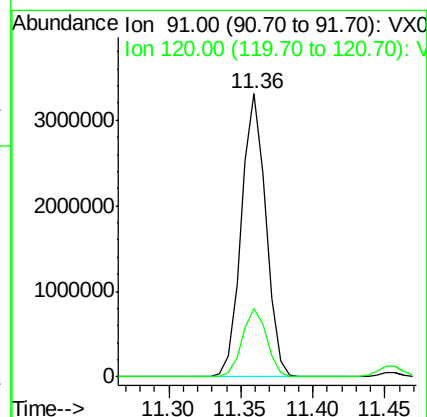
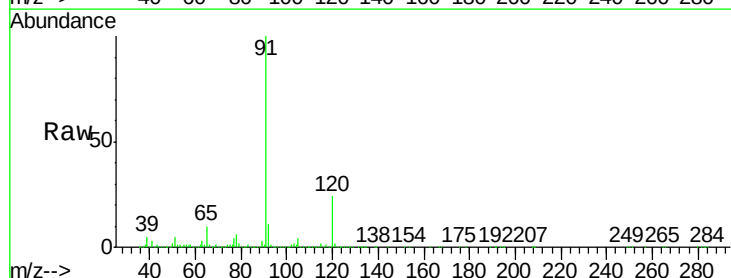
Acq: 11 Feb 2019 16:13

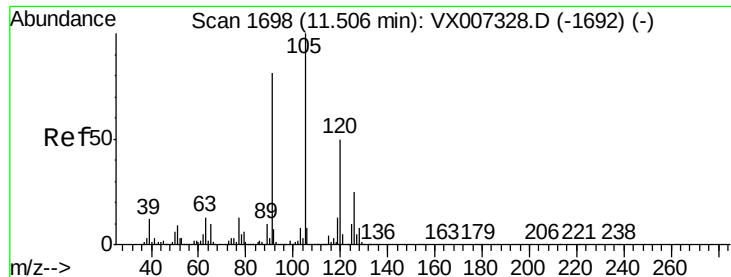
Tgt Ion: 91 Resp: 3922094

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2





#80

1,3,5-Trimethylbenzene

Concen: 14.532 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

DUP-0503-190207

Tot Ion:105 Resp: 330733

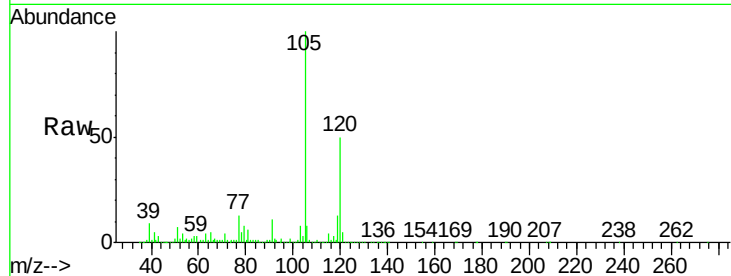
Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8

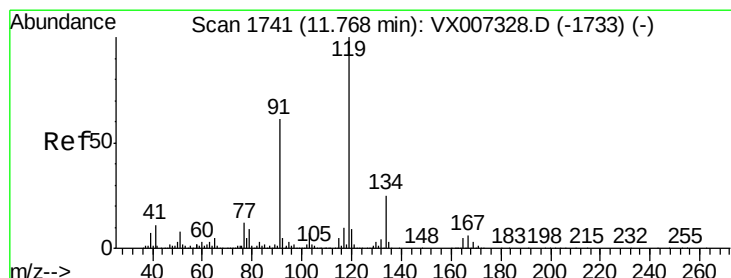
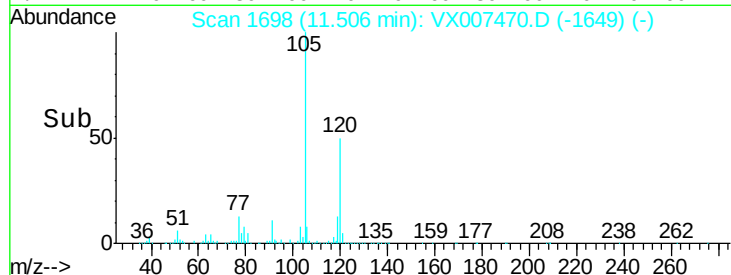
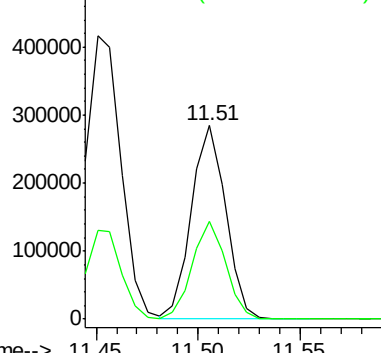
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 1.331 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007470.D

Acq: 11 Feb 2019 16:13

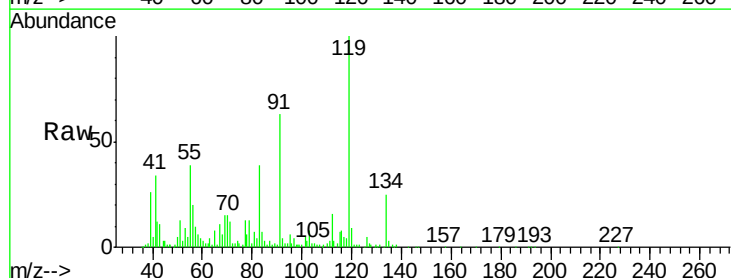
Tgt Ion:119 Resp: 30001

Ion Ratio Lower Upper

119 100

91 69.4 28.5 85.6

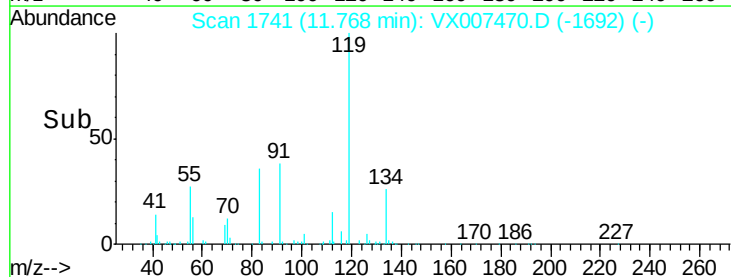
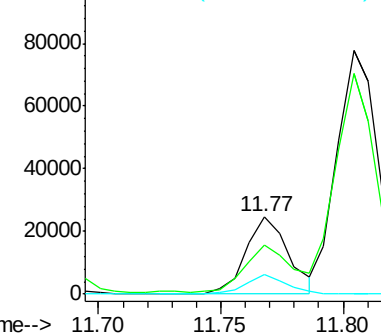
134 24.6 12.0 36.0

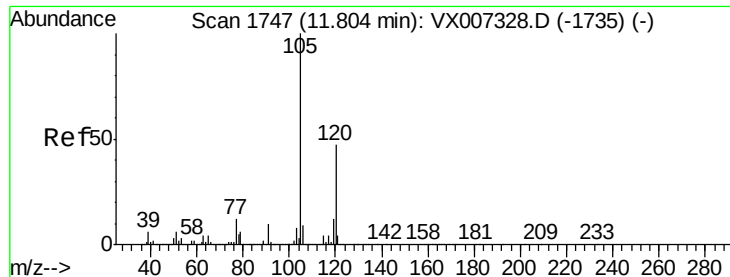


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





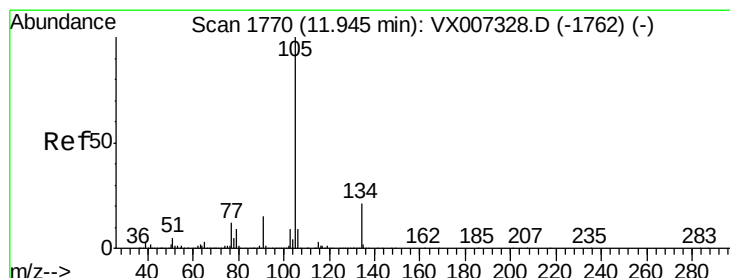
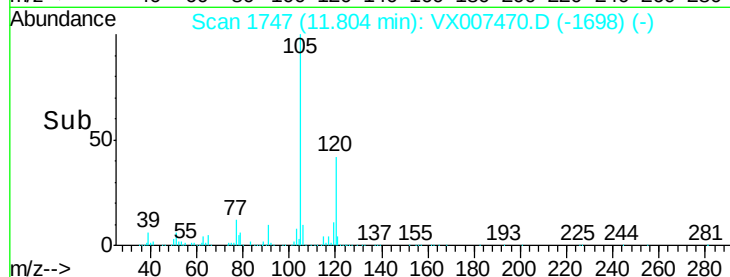
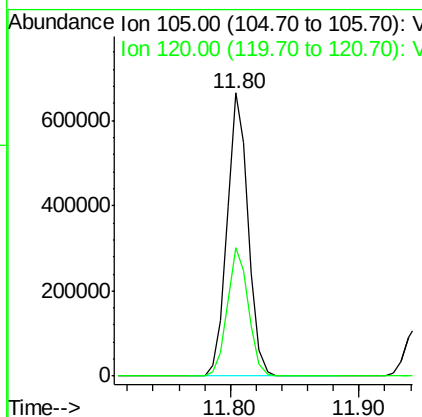
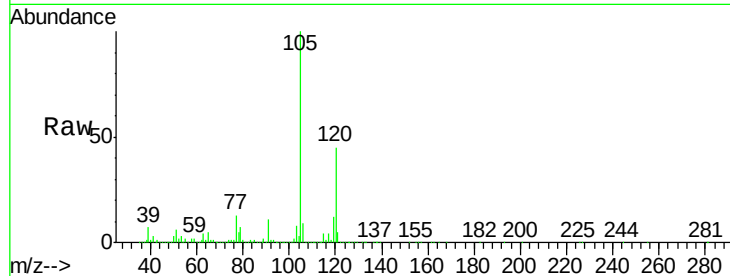
#84
1,2,4-Trimethylbenzene
Concen: 33.004 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3

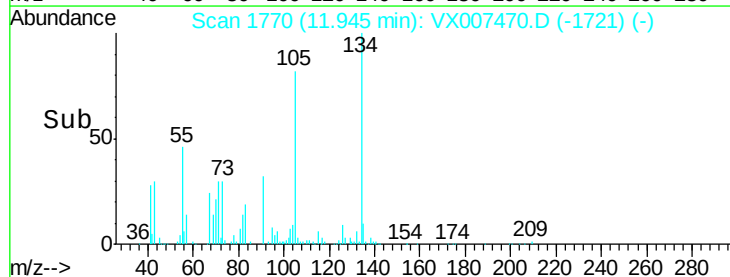
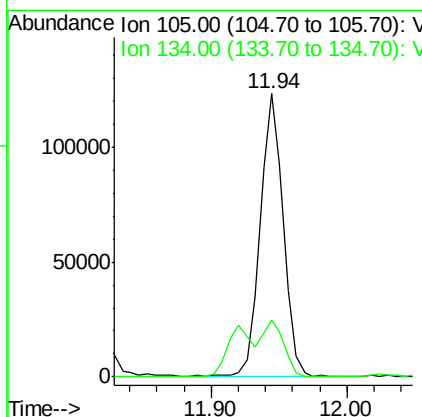
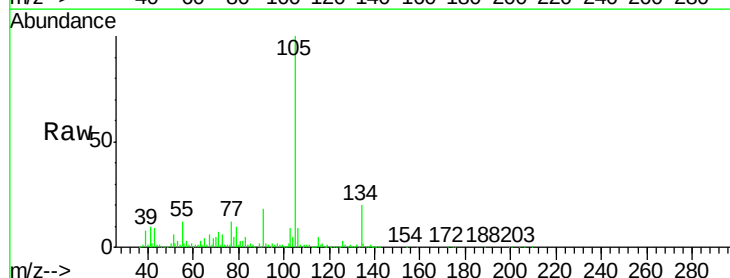
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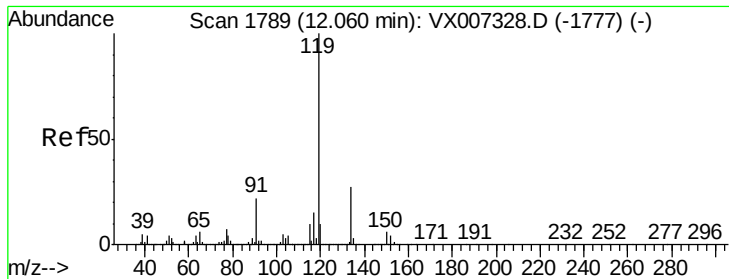
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#85
sec-Butylbenzene
Concen: 5.386 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.6	31.8





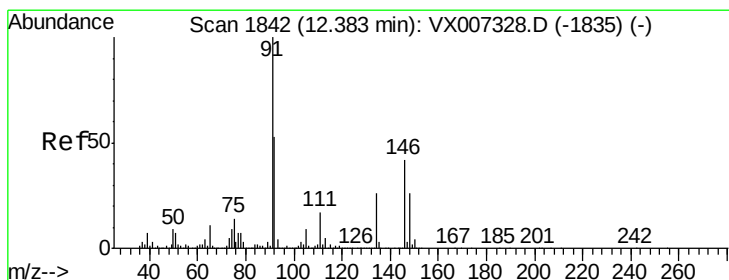
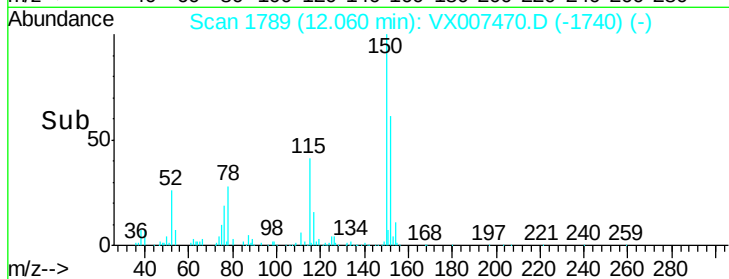
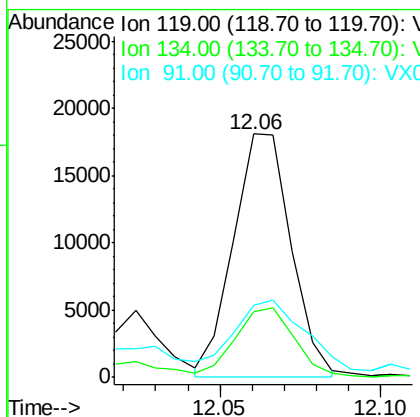
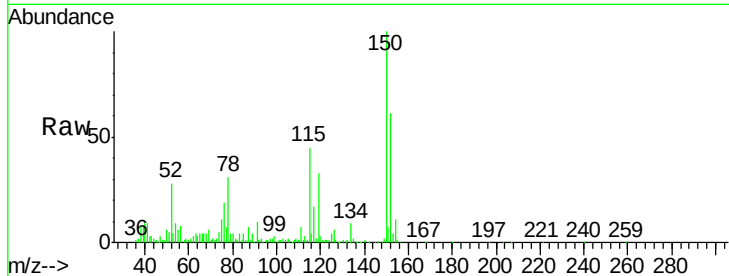
#86
 p-Isopropyltoluene
 Concen: 0.920 ug/l m
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007470.D
 Acq: 11 Feb 2019 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0503-190207

Tot Ion	Ratio	Lower	Upper
119	100		
134	871.9	13.7	41.1#
91	728.8	11.2	33.5#

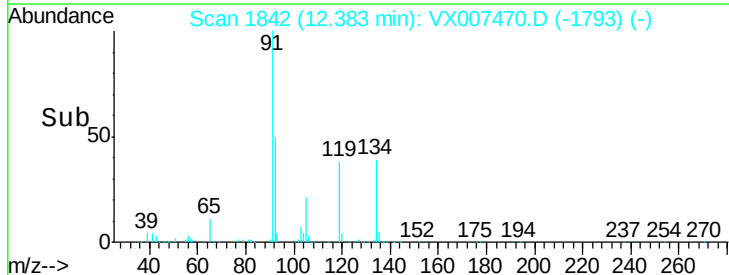
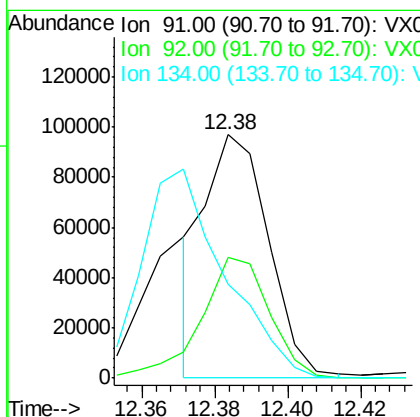
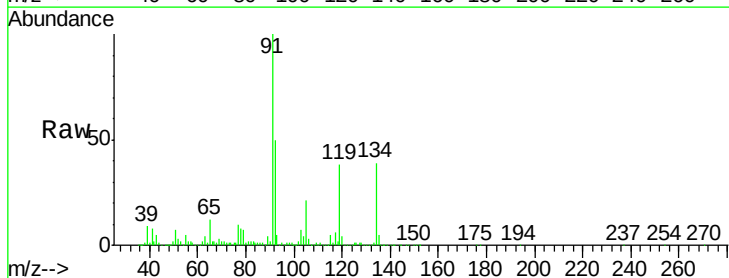
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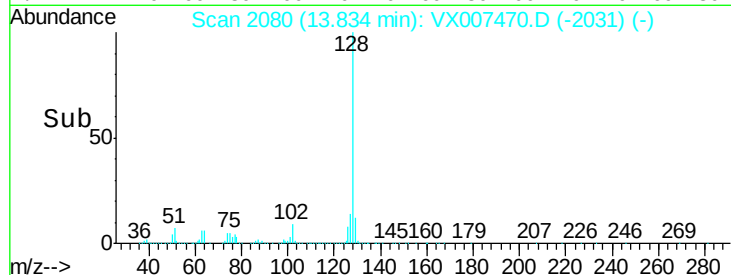
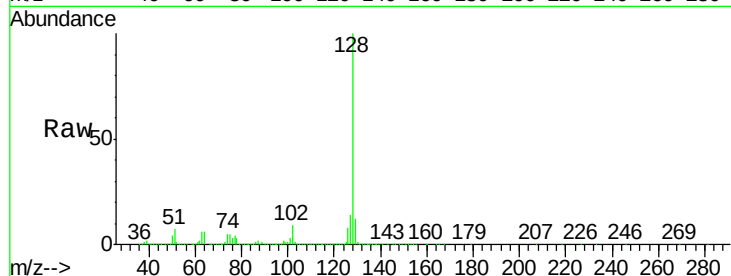
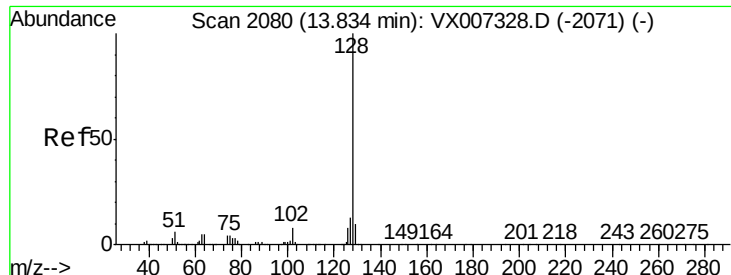
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#89
 n-Butylbenzene
 Concen: 5.576 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX007470.D
 Acq: 11 Feb 2019 16:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	111.3	13.9	41.6#





#95
Naphthalene
Concen: 312.107 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007470.D
Acq: 11 Feb 2019 16:13

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	11.5	8.7	13.1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207

Manual Integrations
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