

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010864.D
 Acq On : 13 Jul 2019 02:32
 Operator : JC/SP
 Sample : K3791-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0602

Manual Integrations
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 7/15/2019 10:59:54 AM

Quant Time: Jul 15 09:03:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	250019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130143	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	111.04%		
35) Dibromofluoromethane	5.50	113	117794	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.70%		
50) Toluene-d8	8.71	98	465922	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.08%		
62) 4-Bromofluorobenzene	11.13	95	169450	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2986m	2.542	ug/l	
31) Cyclohexane	5.58	56	319706	94.419	ug/l	96
39) Methylcyclohexane	7.46	83	474814	117.693	ug/l	96
67) Ethyl Benzene	10.25	91	117519	9.548	ug/l	98
68) m/p-Xylenes	10.36	106	192526	40.369	ug/l	95
69) o-Xylene	10.69	106	37868	8.074	ug/l	96
73) Isopropylbenzene	11.02	105	403667	32.157	ug/l	99
78) n-propylbenzene	11.36	91	642008	46.534	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	976171	94.329	ug/l	98
83) tert-Butylbenzene	11.77	119	20012	1.927	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	2778077	267.198	ug/l	100
85) sec-Butylbenzene	11.94	105	152960	12.542	ug/l	86
86) p-Isopropyltoluene	12.06	119	121246	10.748	ug/l	98
89) n-Butylbenzene	12.38	91	115556	12.055	ug/l #	20
95) Naphthalene	13.83	128	373961	28.856	ug/l	99

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

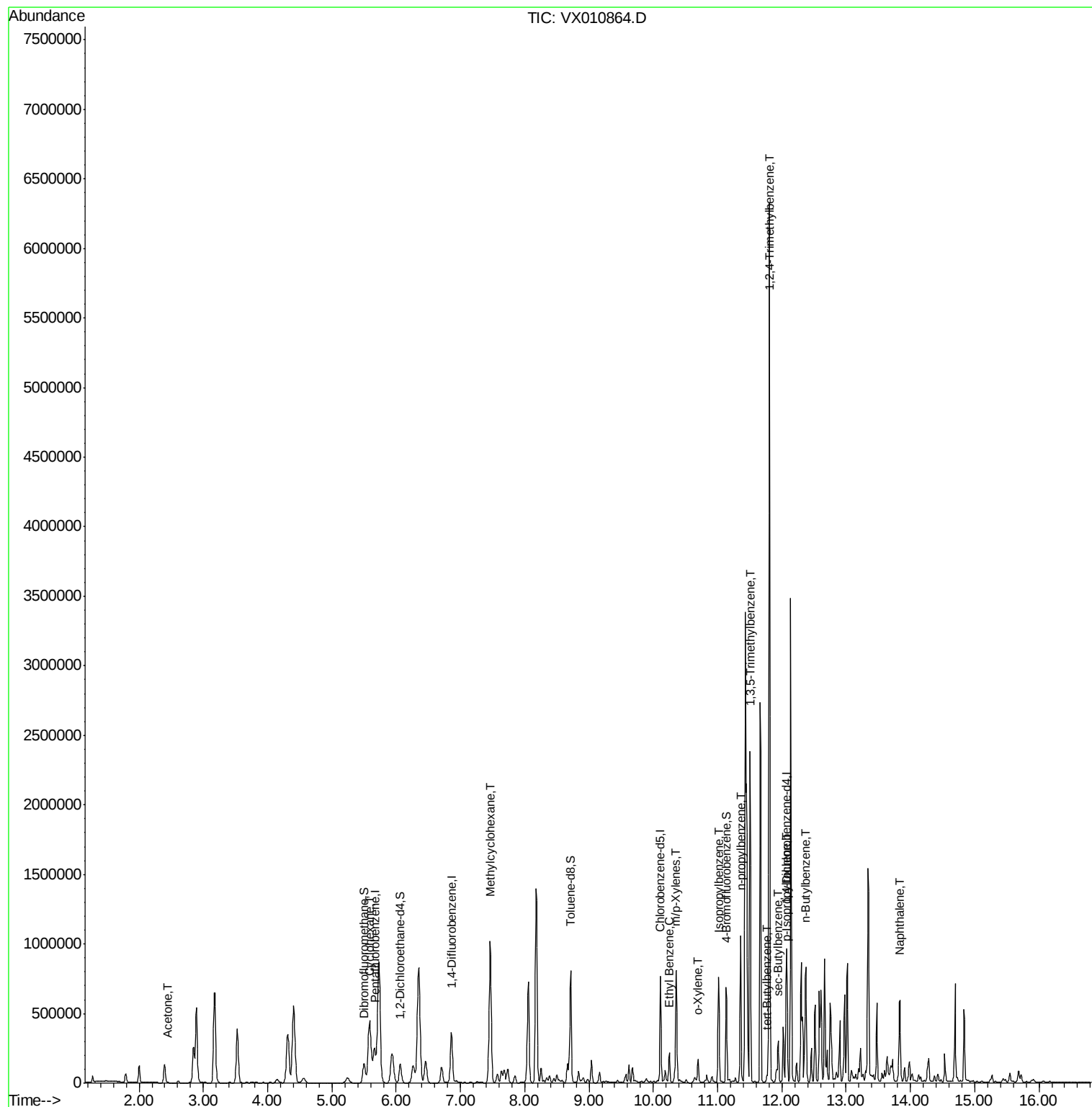
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071219\
Data File : VX010864.D
Acq On : 13 Jul 2019 02:32
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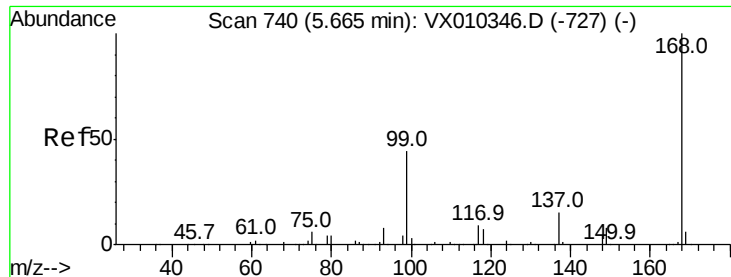
Instrument :
MSVOA_X
ClientSampleId :
FL-0602

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7/15/2019 10:59:54 AM

Quant Time: Jul 15 09:03:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

Tot Ion:168 Resp: 250019

Ion Ratio Lower Upper

168 100

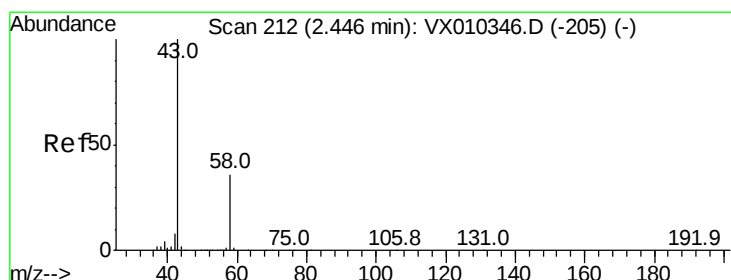
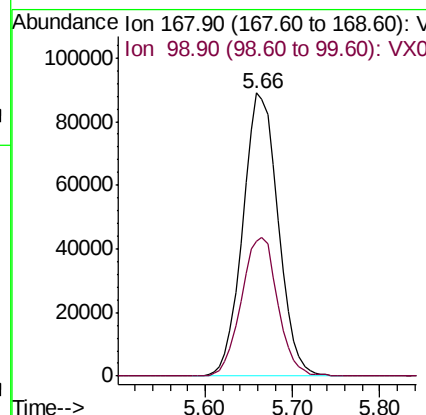
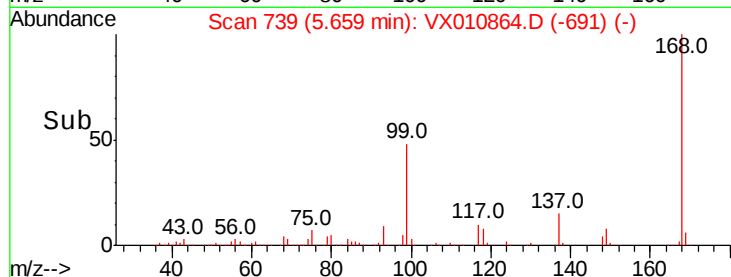
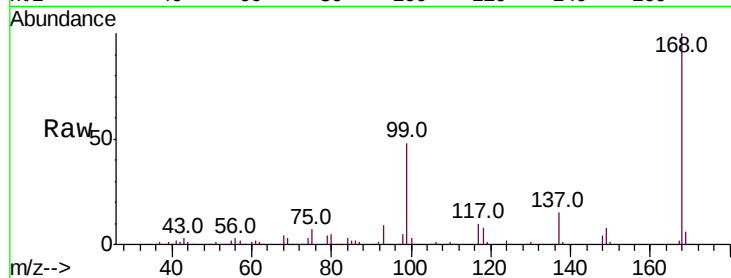
99 47.8 35.5 53.3

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#16

Acetone

Concen: 2.542 ug/l m

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010864.D

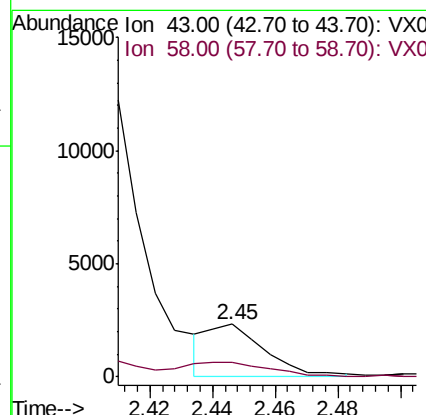
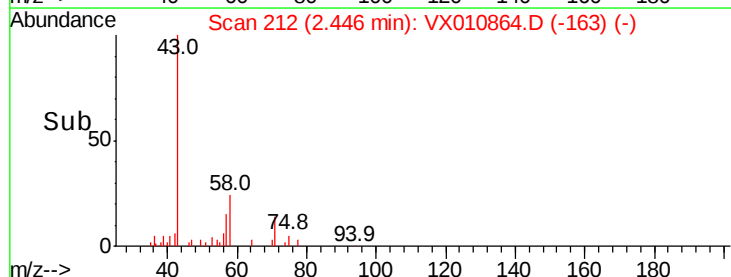
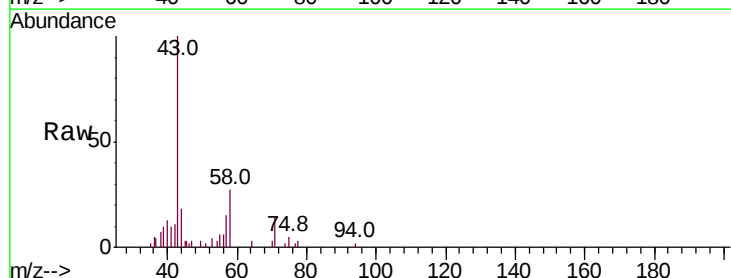
Acq: 13 Jul 2019 02:32

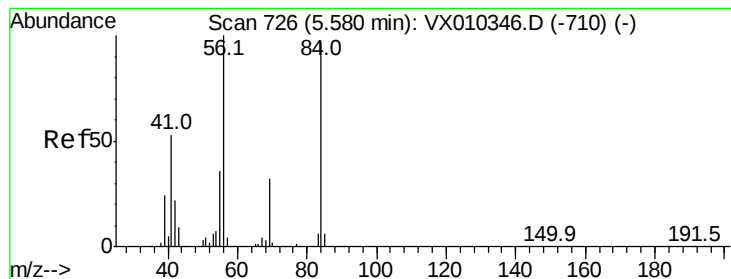
Tgt Ion: 43 Resp: 2986

Ion Ratio Lower Upper

43 100

58 26.7 28.9 43.3#





#31

Cyclohexane

Concen: 94.419 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampled :

FL-0602

Tot Ion: 56 Resp: 319706

Ion Ratio Lower Upper

56 100

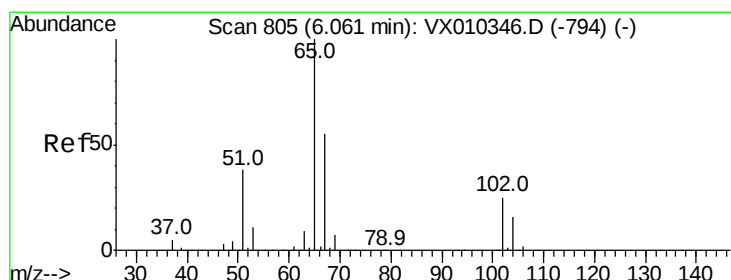
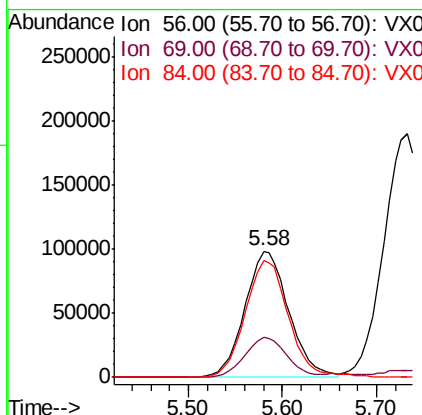
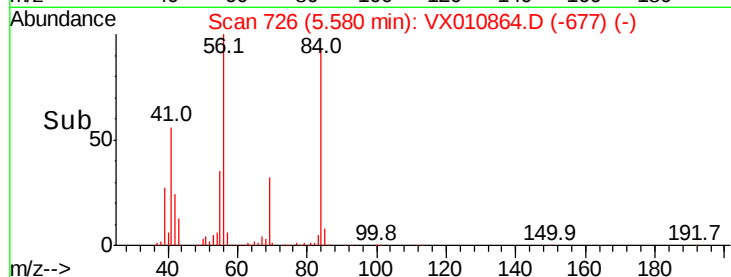
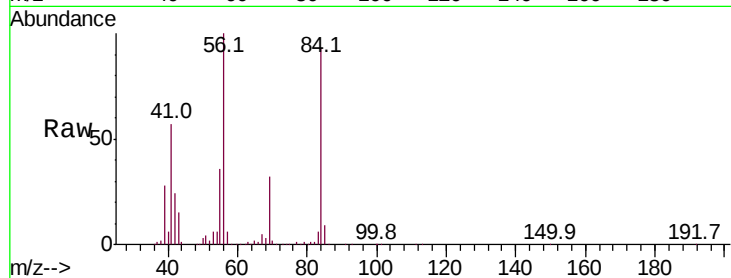
69 31.2 25.9 38.9

84 93.2 78.0 117.0

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#33

1,2-Dichloroethane-d4

Concen: 55.518 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010864.D

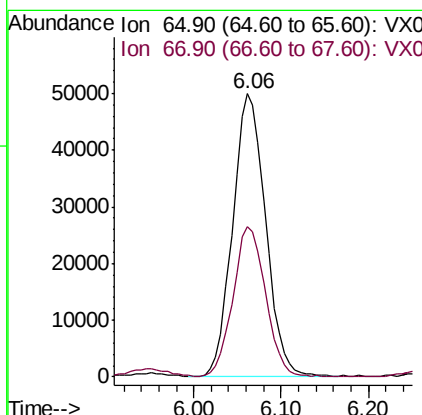
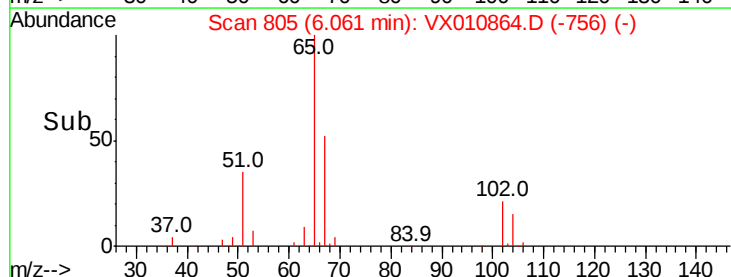
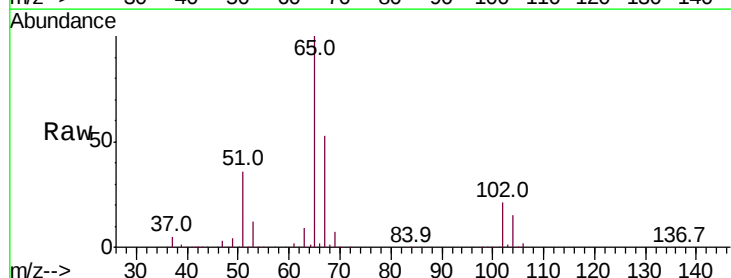
Acq: 13 Jul 2019 02:32

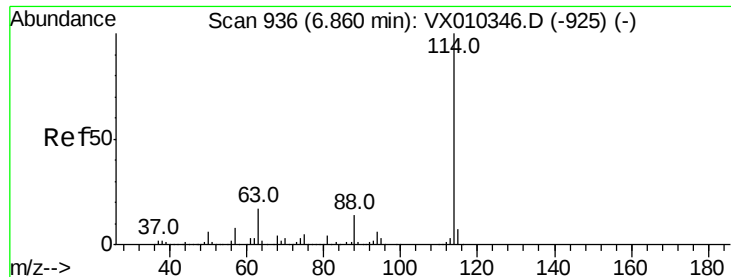
Tgt Ion: 65 Resp: 130143

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.2





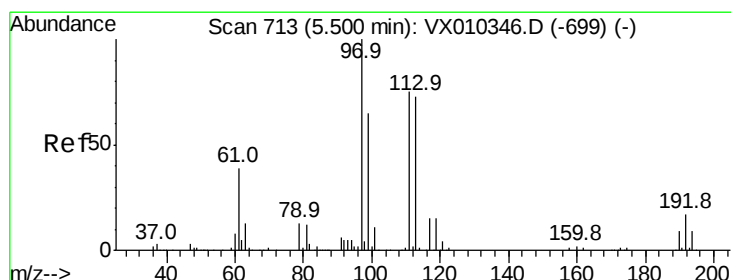
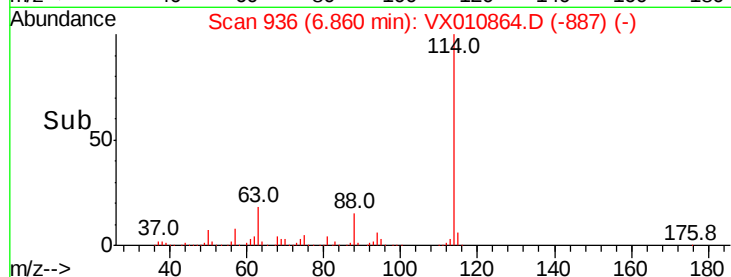
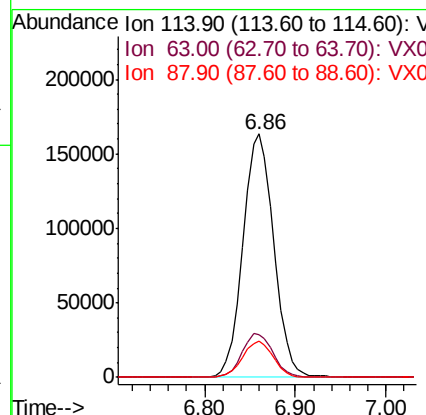
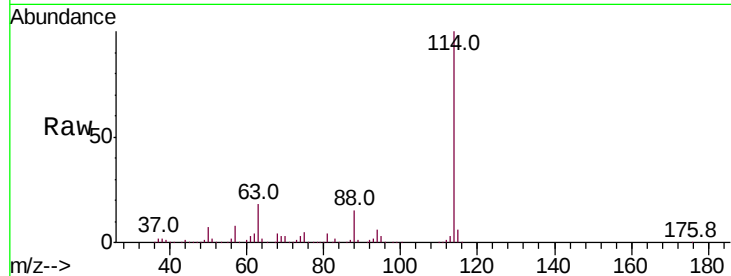
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion	Ratio	Resp	Lower	Upper
114	100	386228		
63	17.7	0.0	33.8	
88	15.1	0.0	27.6	

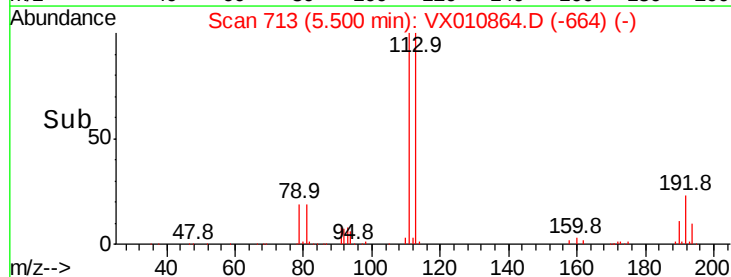
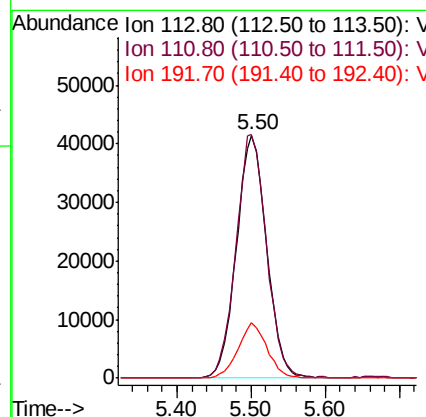
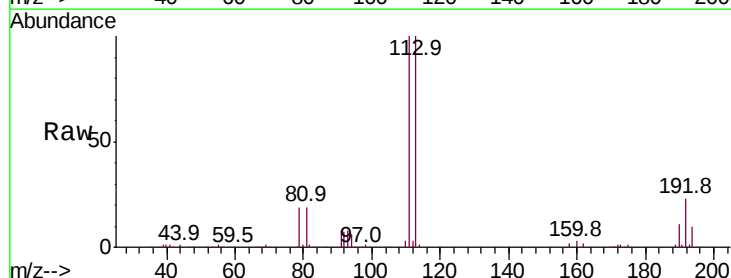
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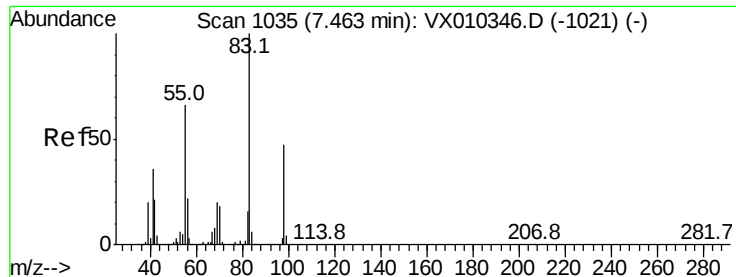
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#35
Dibromofluoromethane
Concen: 49.848 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117794		
111	101.4	81.2	121.8	
192	21.8	18.6	27.8	





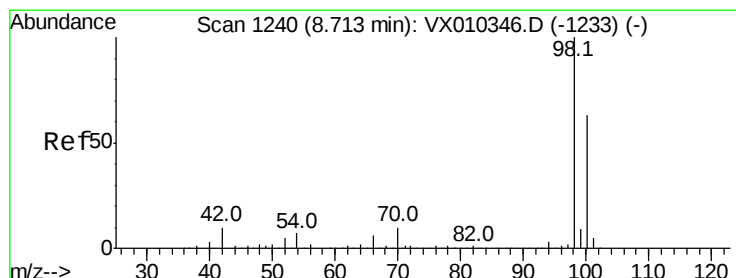
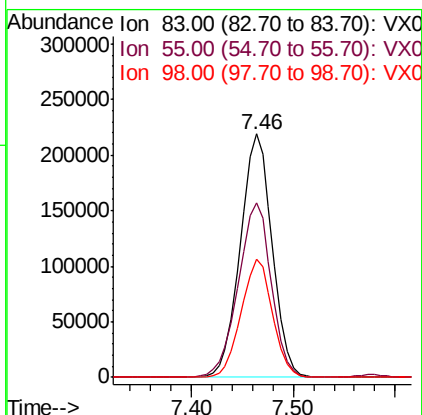
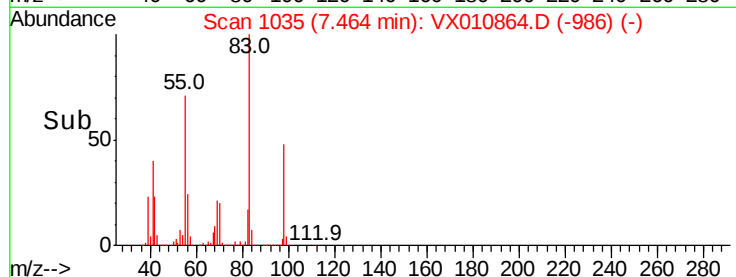
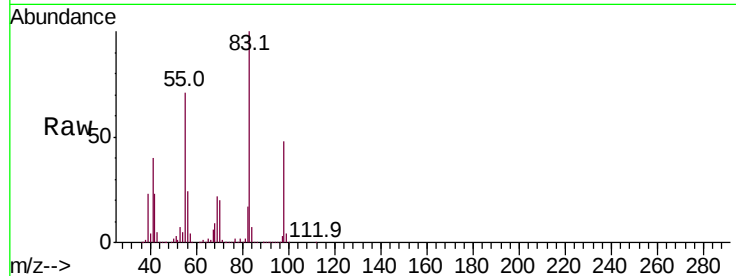
#39
Methvlcvclohexane
Concen: 117.693 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.4	53.0	79.6
98	48.3	37.8	56.8

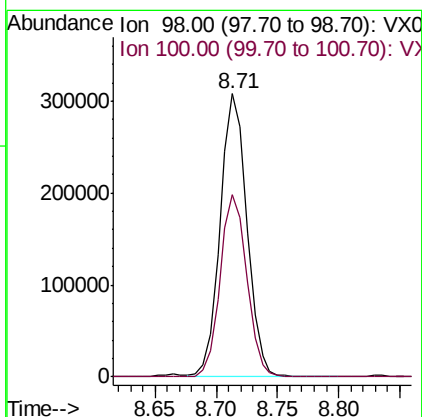
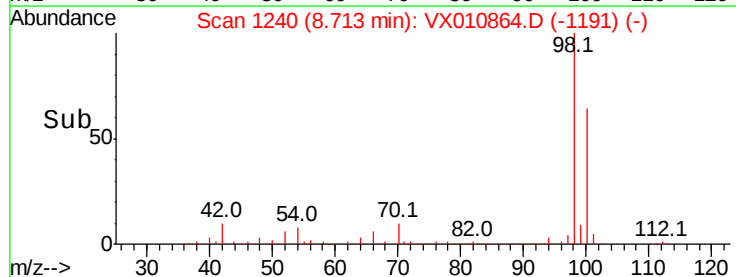
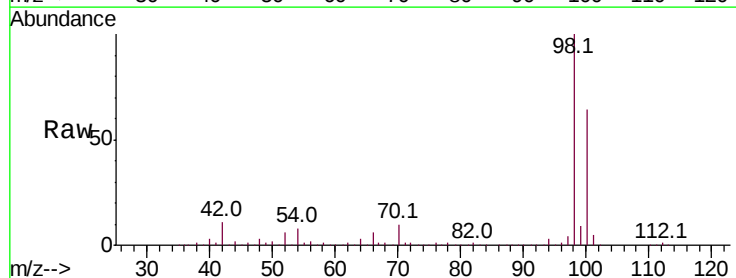
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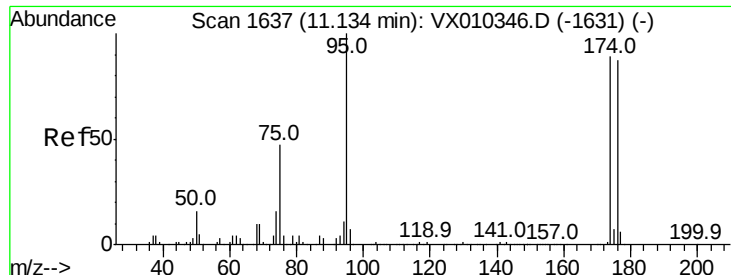
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#50
Toluene-d8
Concen: 51.536 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





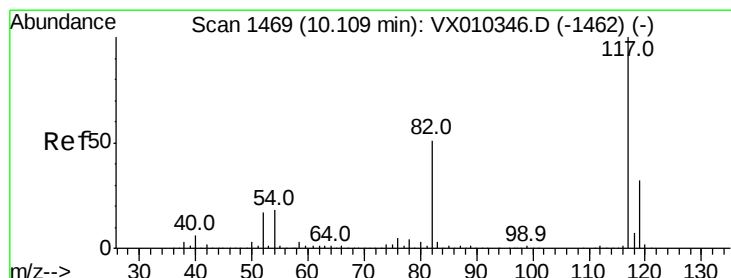
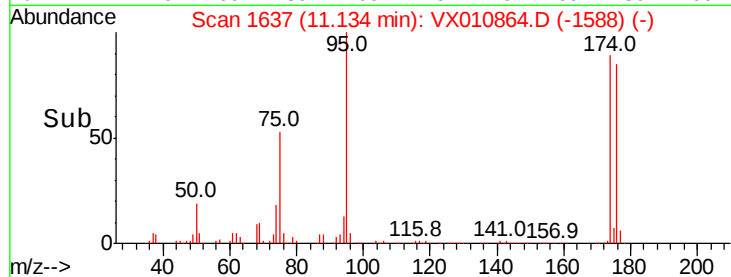
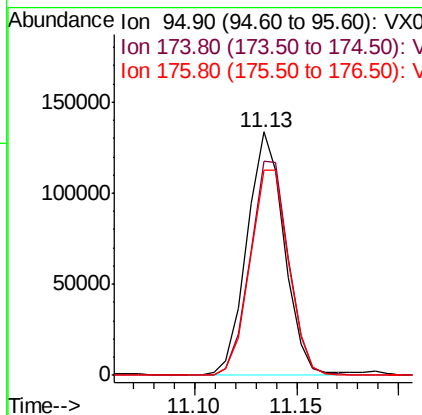
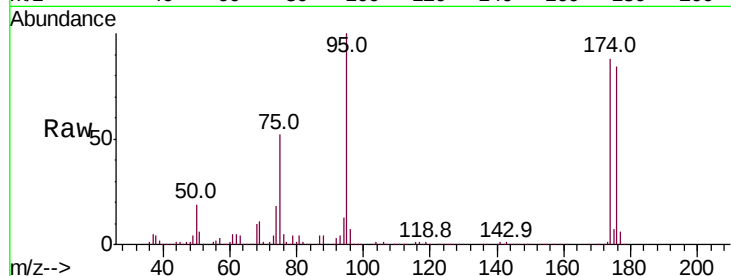
#62
4-Bromofluorobenzene
Concen: 51.916 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion	Ratio	Resp	Lower	Upper
95	100	169450		
174	91.6	0.0	187.6	
176	88.4	0.0	184.0	

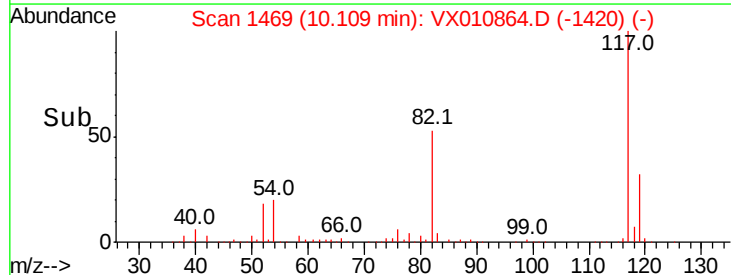
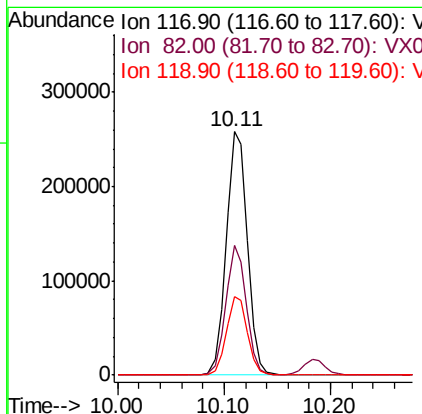
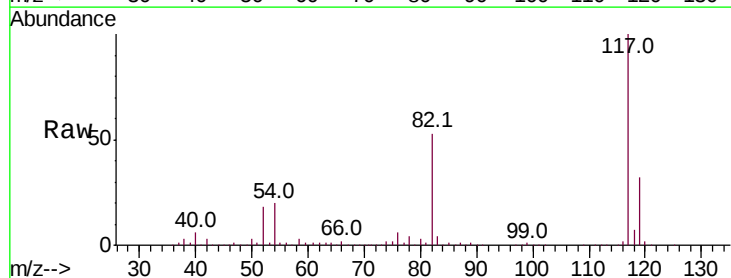
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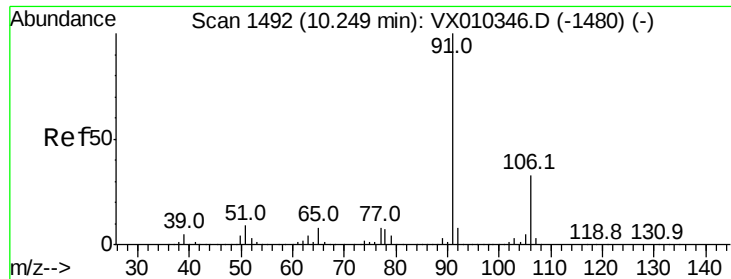
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	359117		
82	52.9	41.2	61.8	
119	32.3	25.5	38.3	





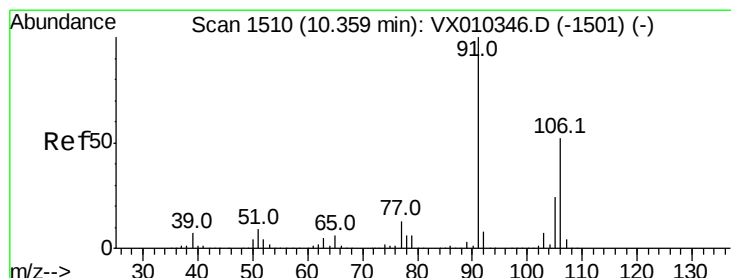
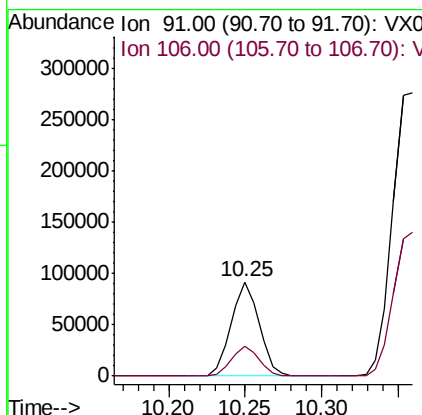
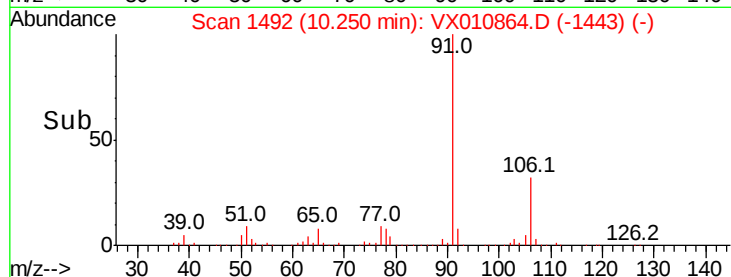
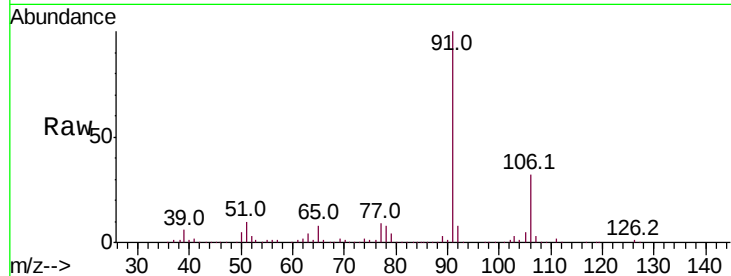
#67
Ethyl Benzene
Concen: 9.548 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion: 91 Resp: 117519
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2

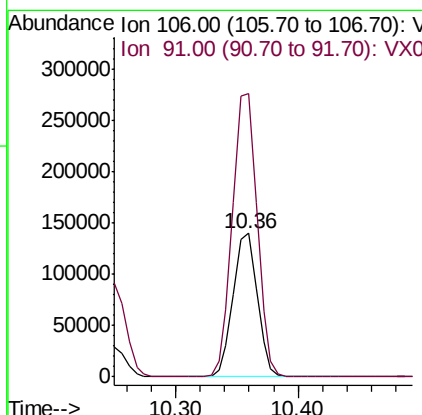
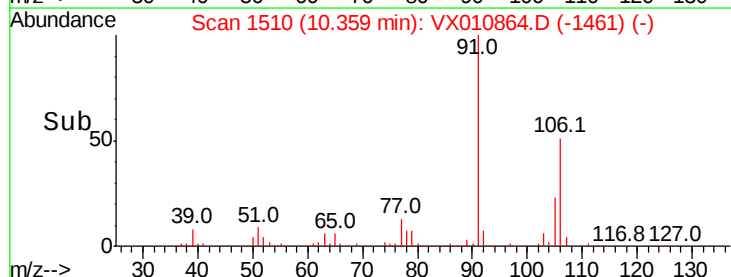
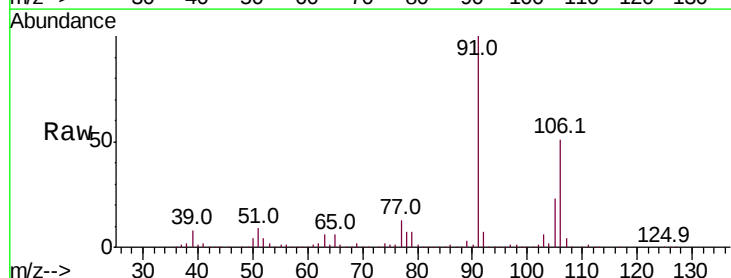
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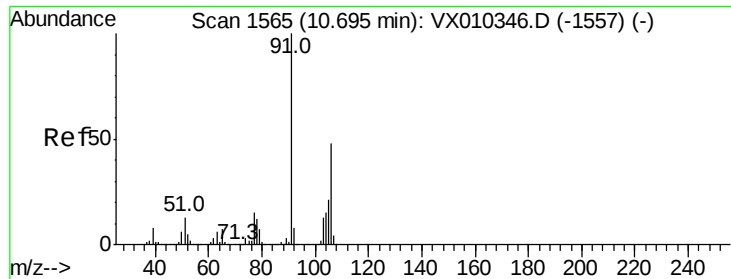
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#68
m/p-Xylenes
Concen: 40.369 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion: 106 Resp: 192526
Ion Ratio Lower Upper
106 100
91 201.2 155.3 232.9





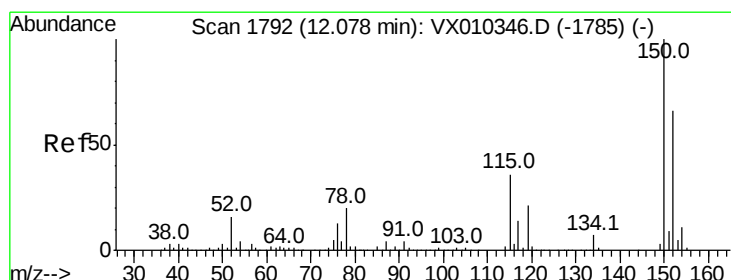
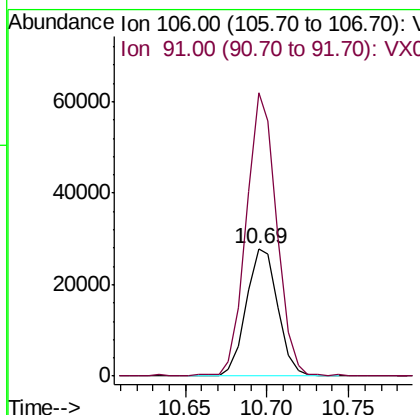
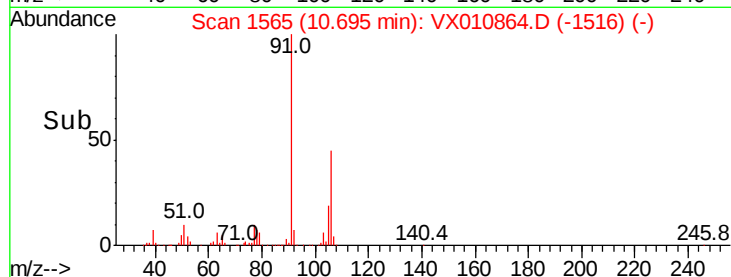
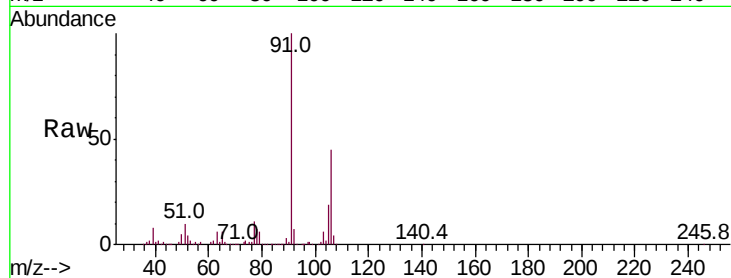
#69
o-Xylene
Concen: 8.074 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion:106 Resp: 37868
Ion Ratio Lower Upper
106 100
91 211.6 102.7 308.1

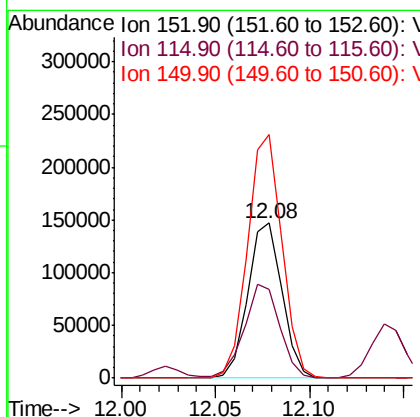
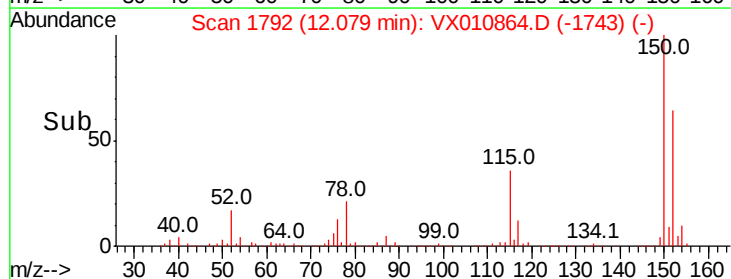
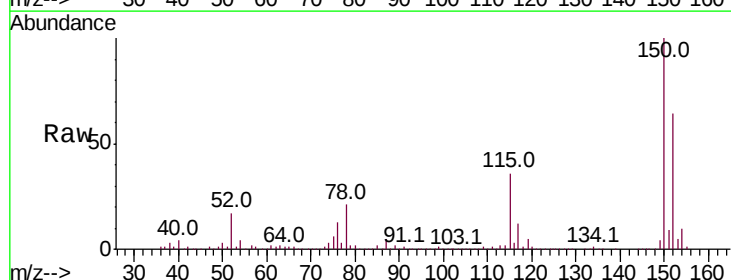
Manual Integrations
APPROVED

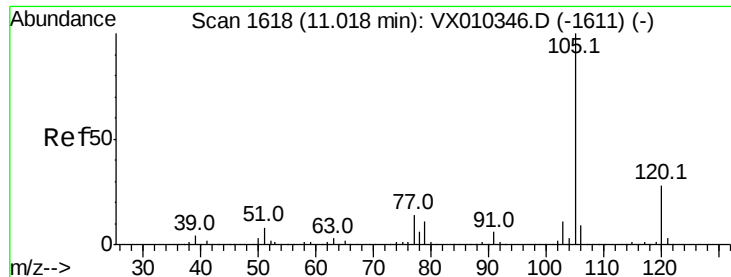
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7/15/2019 10:59:54 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion:152 Resp: 185183
Ion Ratio Lower Upper
152 100
115 62.6 38.6 115.7
150 157.5 0.0 347.4





#73

Isopropylbenzene

Concen: 32.157 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010864.D

Acq: 13 Jul 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0602

Tot Ion: 105 Resp: 403667

Ion Ratio Lower Upper

105 100

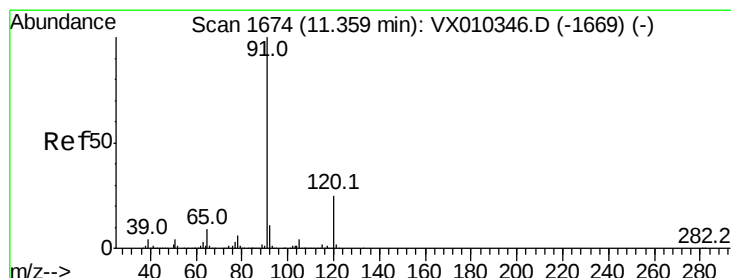
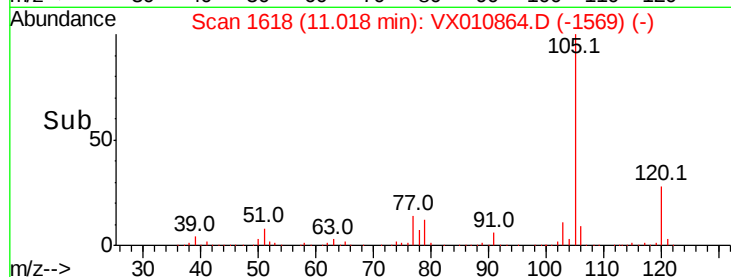
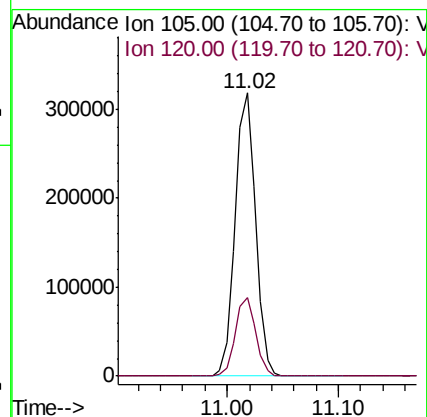
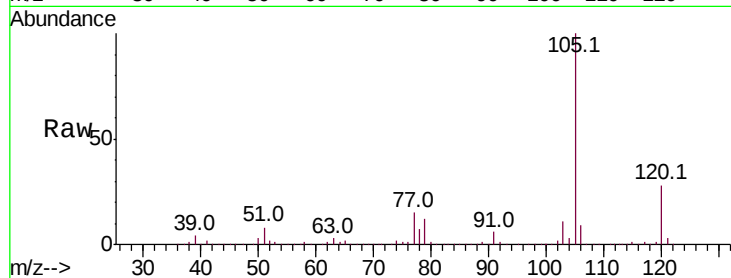
120 27.6 14.1 42.4

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#78

n-propylbenzene

Concen: 46.534 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010864.D

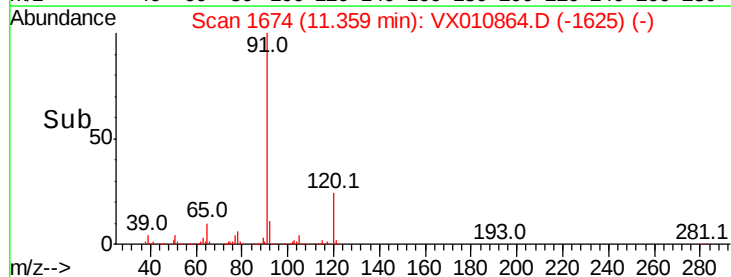
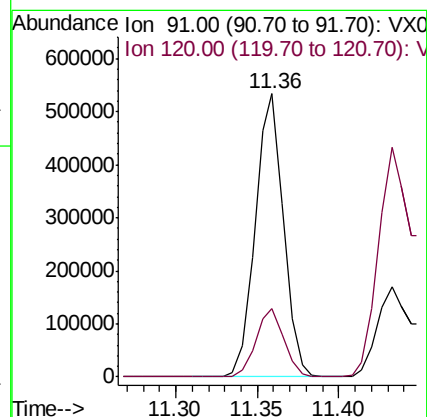
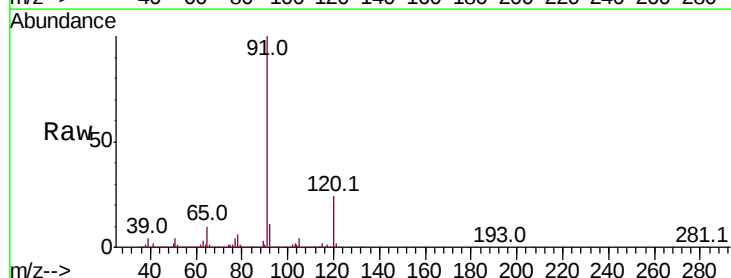
Acq: 13 Jul 2019 02:32

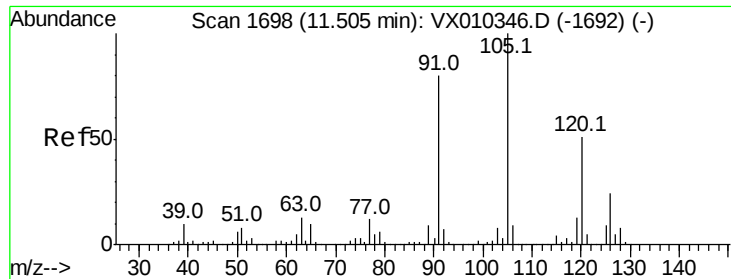
Tgt Ion: 91 Resp: 642008

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4





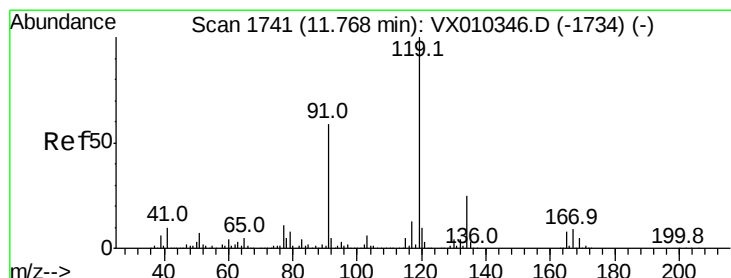
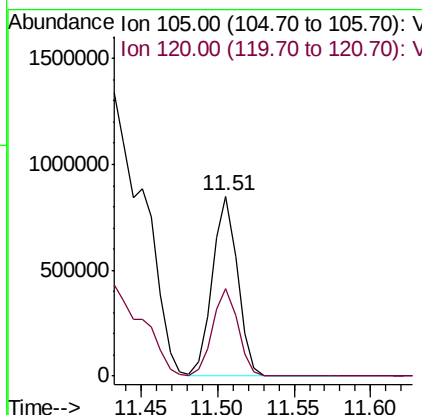
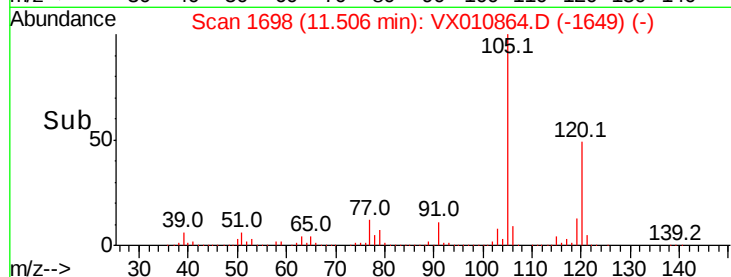
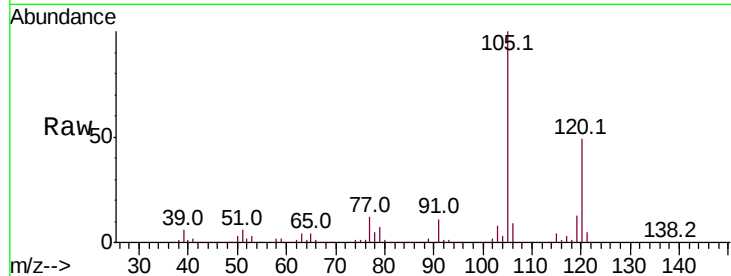
#80
 1,3,5-Trimethylbenzene
 Concen: 94.329 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0602

Tot Ion:105 Resp: 976171
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6

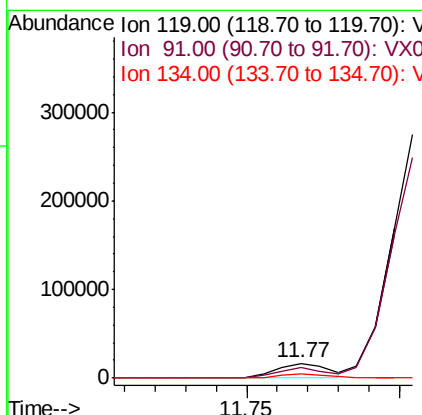
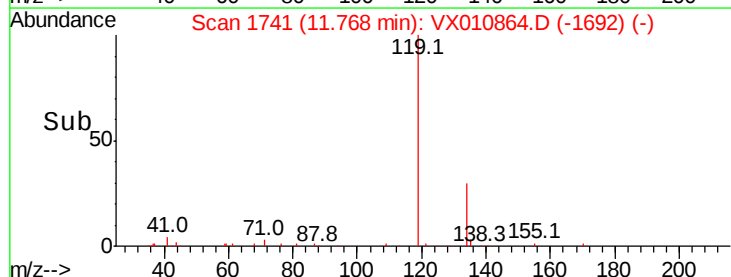
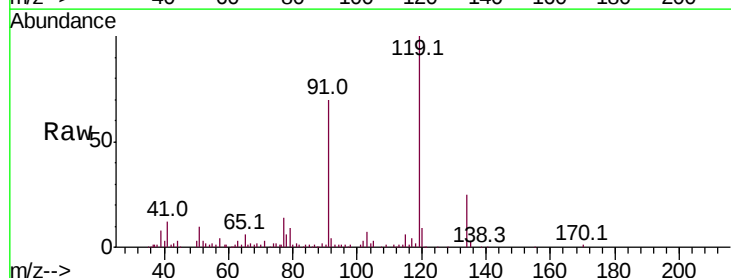
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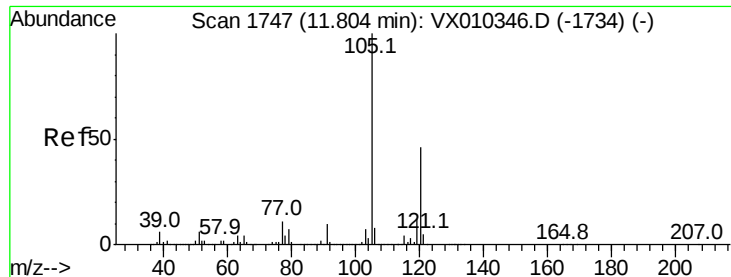
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#83
 tert-Butylbenzene
 Concen: 1.927 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010864.D
 Acq: 13 Jul 2019 02:32

Tgt Ion:119 Resp: 20012
 Ion Ratio Lower Upper
 119 100
 91 67.5 27.6 82.7
 134 25.0 11.8 35.4





#84

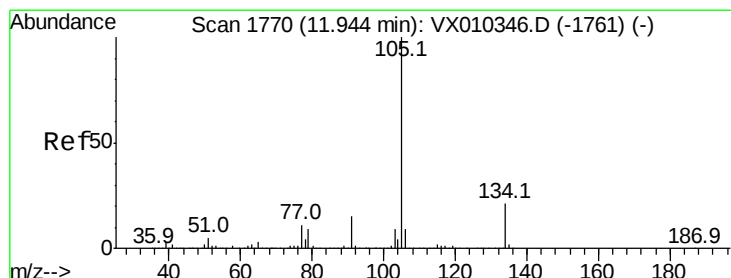
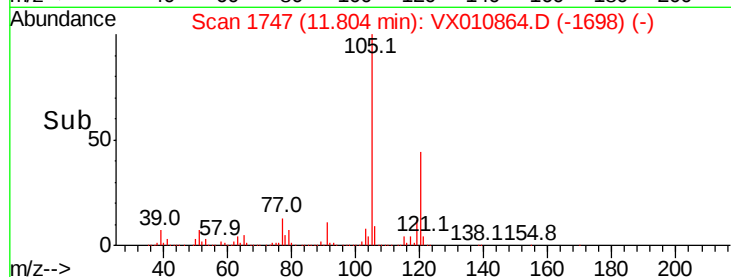
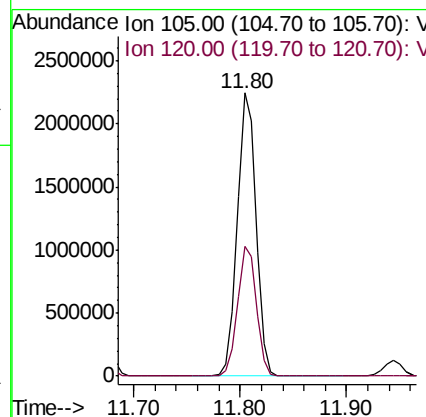
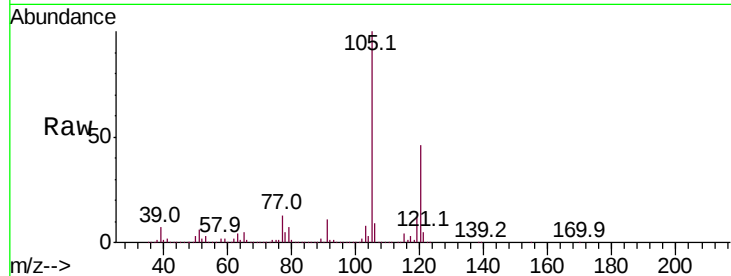
1,2,4-Trimethylbenzene
Concen: 267.198 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
FL-0602

Tot Ion:105 Resp: 2778077
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2

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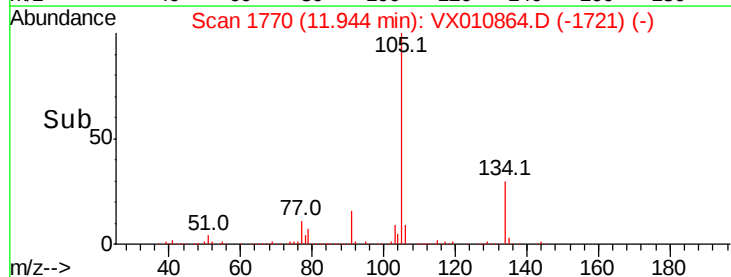
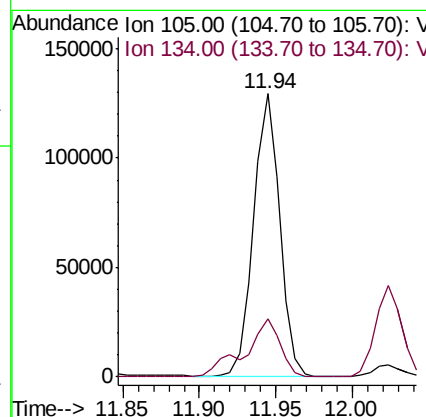
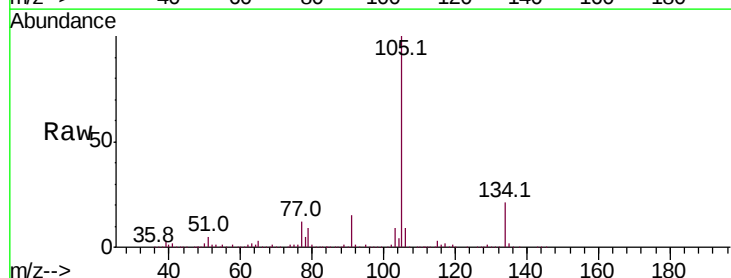
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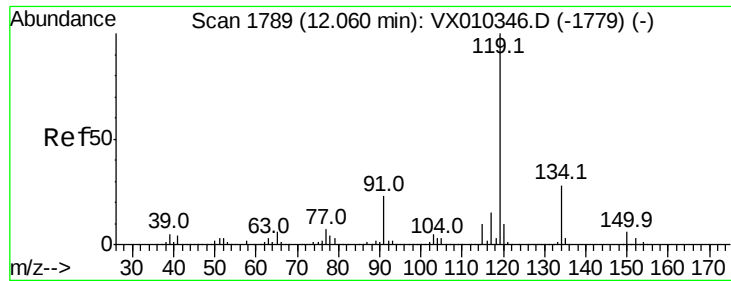


#85

sec-Butylbenzene
Concen: 12.542 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion:105 Resp: 152960
Ion Ratio Lower Upper
105 100
134 28.1 10.7 31.9





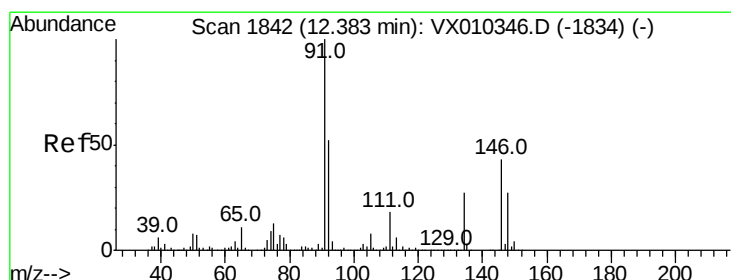
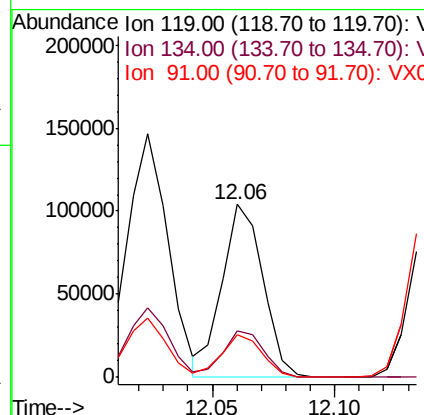
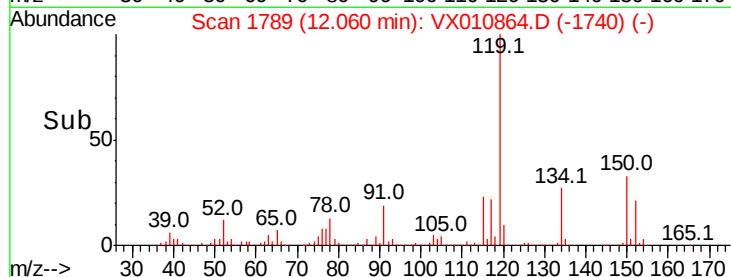
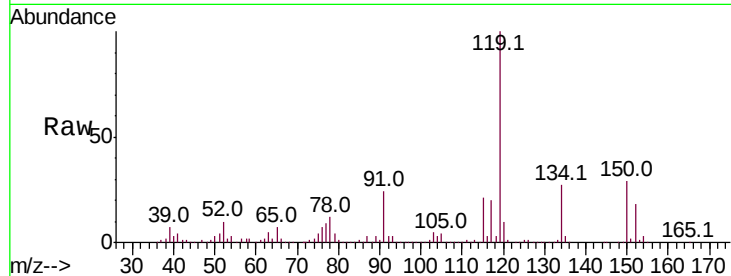
#86
p-Isopropyltoluene
Concen: 10.748 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampled :
FL-0602

Tot Ion	Ratio	Resp	Lower	Upper
119	100	121246		
134	27.1	13.7	41.1	
91	23.9	11.3	33.8	

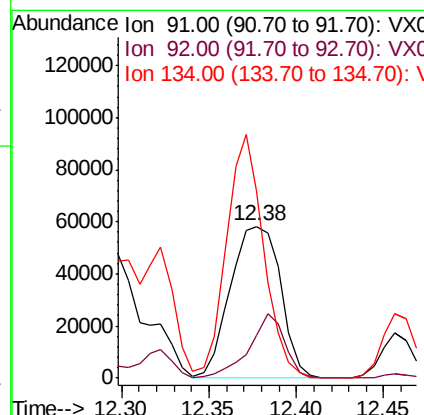
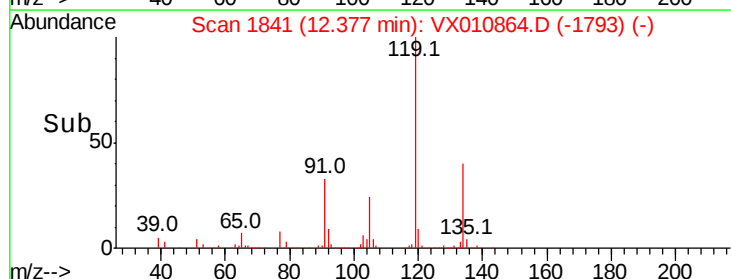
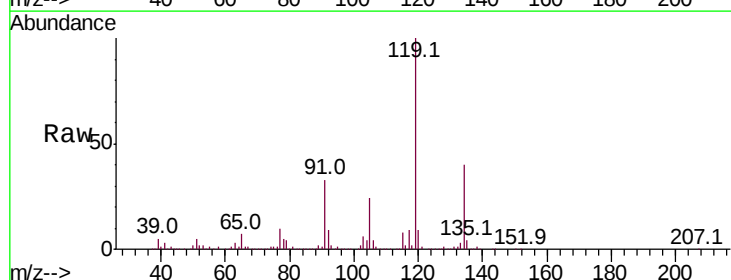
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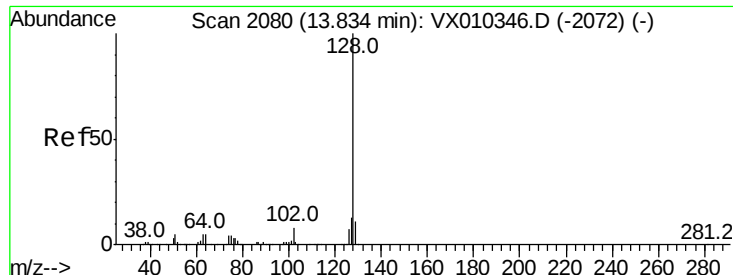
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#89
n-Butylbenzene
Concen: 12.055 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	115556		
92	30.2	26.2	78.5	
134	118.8	14.1	42.4	





#95
Naphthalene
Concen: 28.856 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010864.D
Acq: 13 Jul 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0602

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.6	8.9	13.3

Manual Integrations
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7/15/2019 10:59:54 AM

