

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010969.D
 Acq On : 18 Jul 2019 19:15
 Operator : JC/SP
 Sample : K3884-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625

Manual Integrations
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 7/22/2019 12:23:37 PM

Quant Time: Jul 19 04:39:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137210	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	5.50	113	119980	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	478268	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.13	95	188652	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.59	56	363389	101.719	ug/l	98
39) Methylcyclohexane	7.46	83	560496	136.304	ug/l	98
67) Ethyl Benzene	10.25	91	4577818	351.878	ug/l	99
68) m/p-Xylenes	10.36	106	2341434	469.188	ug/l	99
69) o-Xylene	10.70	106	1993785	409.370	ug/l	99
73) Isopropylbenzene	11.02	105	743465	54.590	ug/l	100
78) n-propylbenzene	11.36	91	1136723	75.540	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2058366	180.874	ug/l	100
83) tert-Butylbenzene	11.77	119	15638m	1.399	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	5927734	516.804	ug/l	98
85) sec-Butylbenzene	11.94	105	174045m	13.288	ug/l	
86) p-Isopropyltoluene	12.06	119	205075	16.936	ug/l	99
89) n-Butylbenzene	12.37	91	234373	22.624	ug/l #	14
95) Naphthalene	13.83	128	1034873	80.035	ug/l	99

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

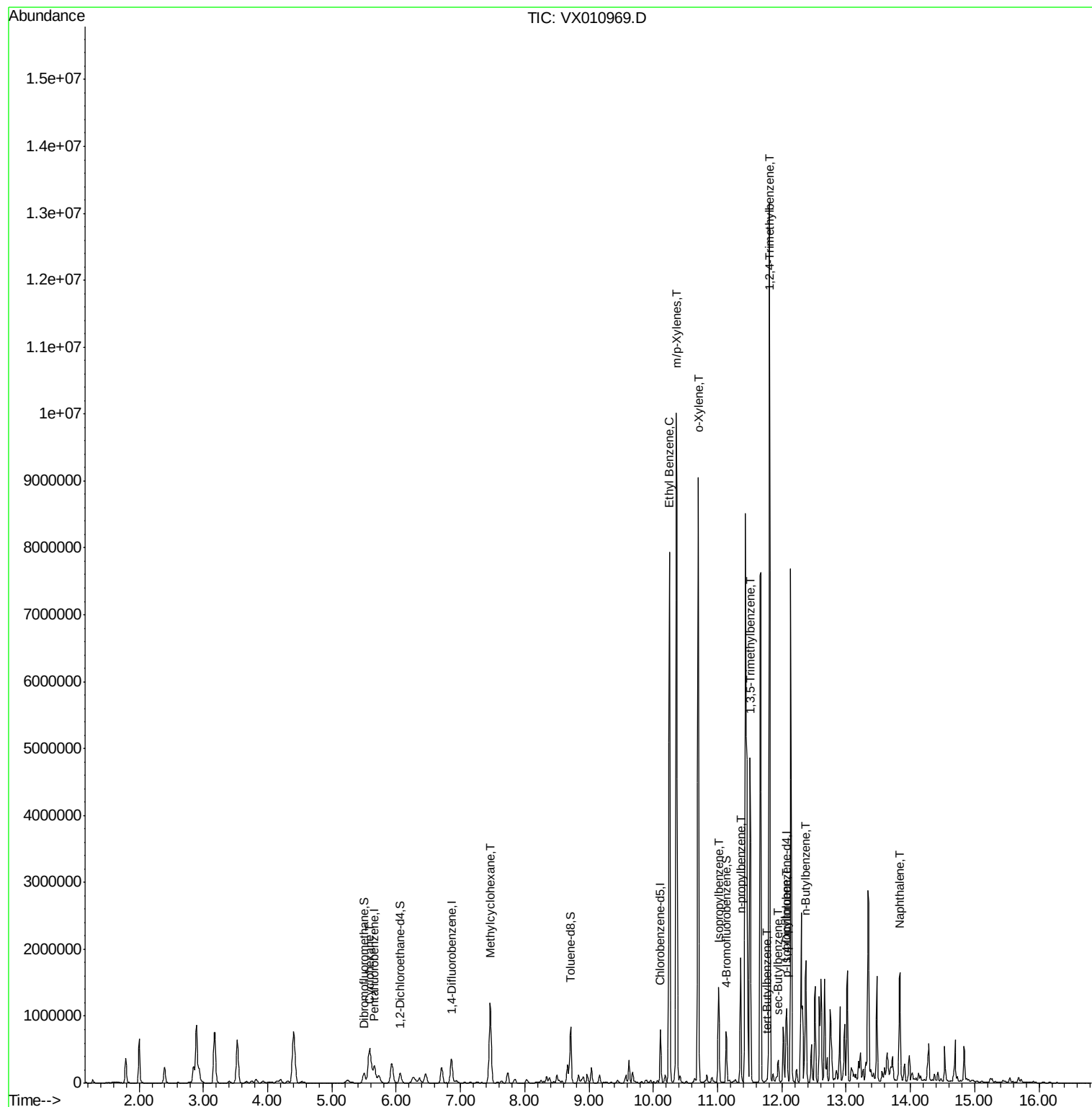
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
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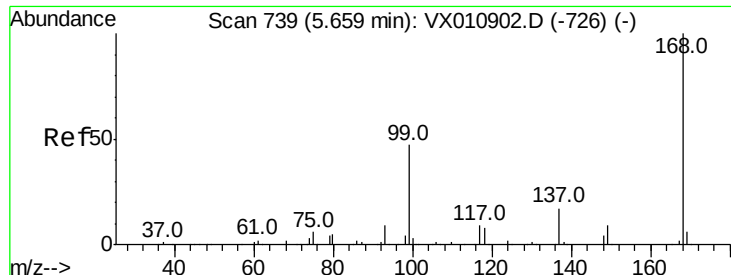
Instrument :
MSVOA_X
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Quant Time: Jul 19 04:39:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





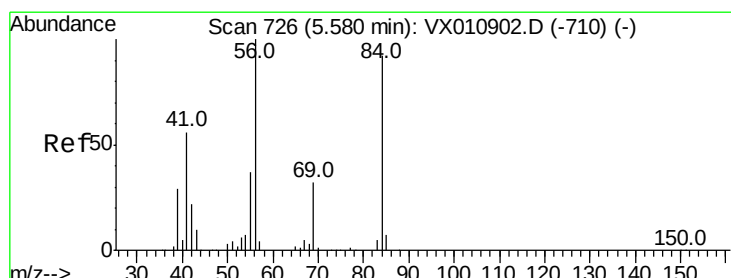
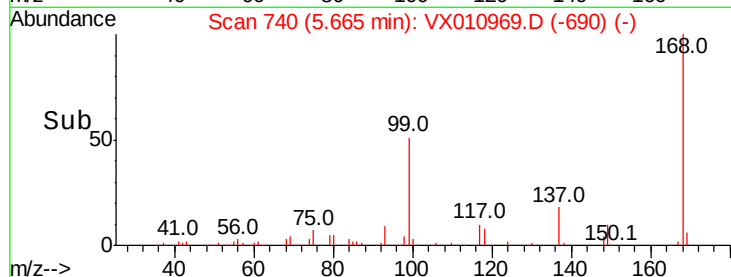
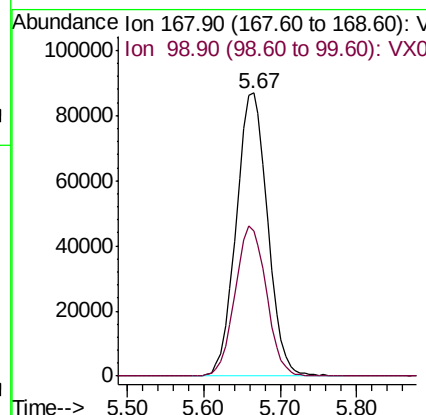
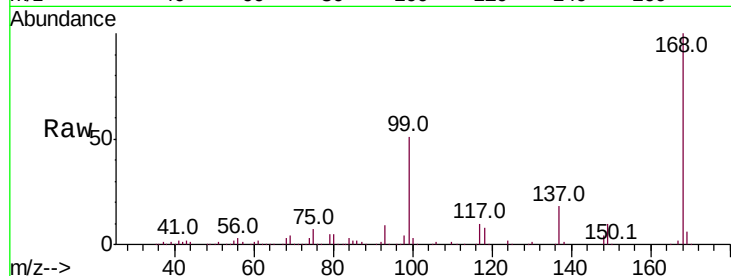
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampled :
FL-0625

Tot Ion	Ratio	Resp	Lower	Upper
168	100	247322		
99	51.3	37.6	56.4	

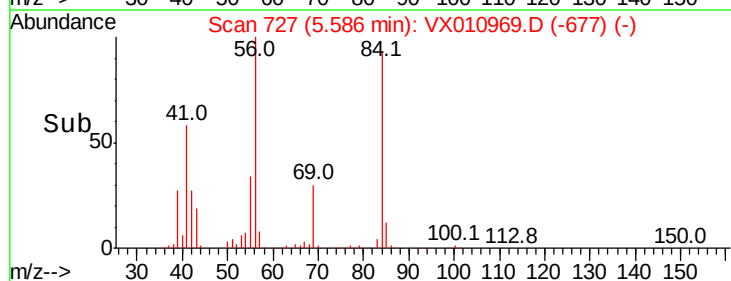
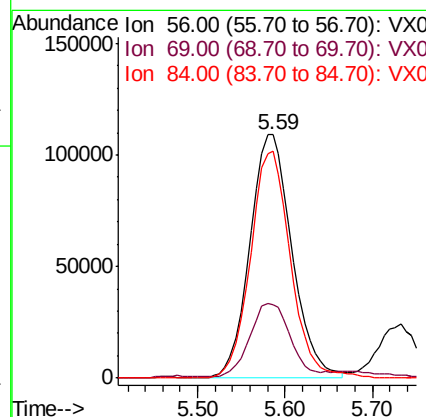
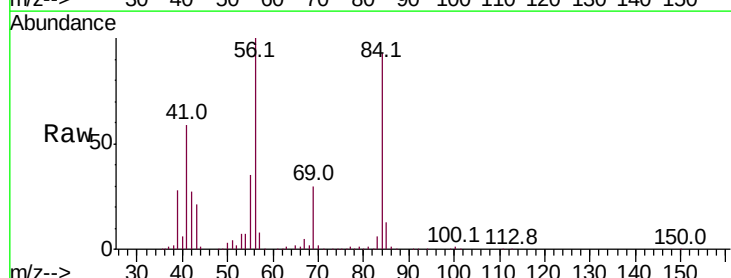
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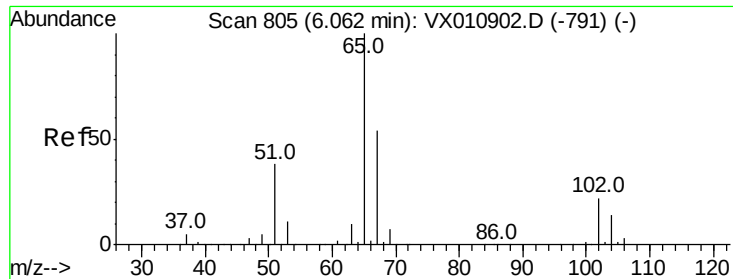
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#31
Cyclohexane
Concen: 101.719 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	363389		
69	29.2	25.8	38.8	
84	93.4	73.8	110.6	





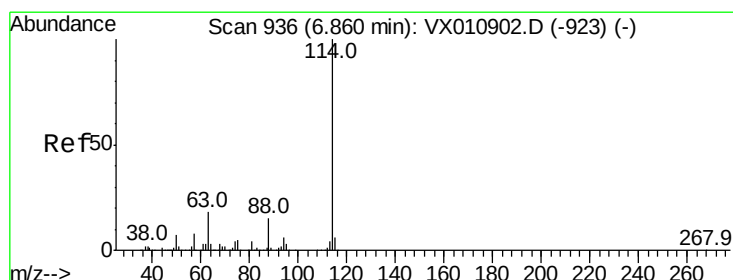
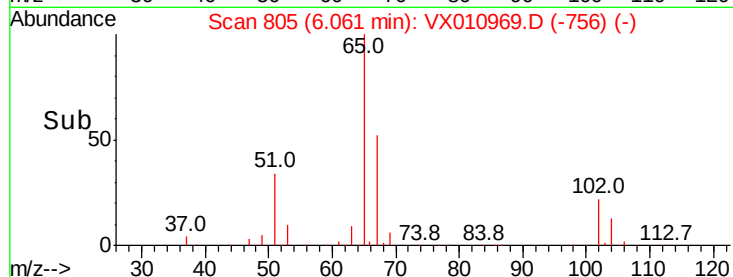
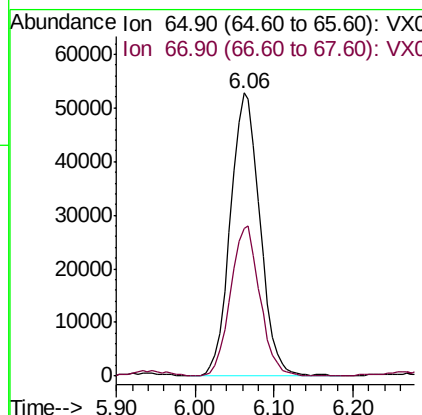
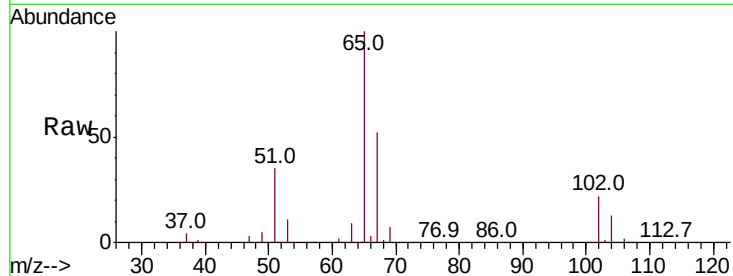
#33
 1,2-Dichloroethane-d4
 Concen: 52.149 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.8

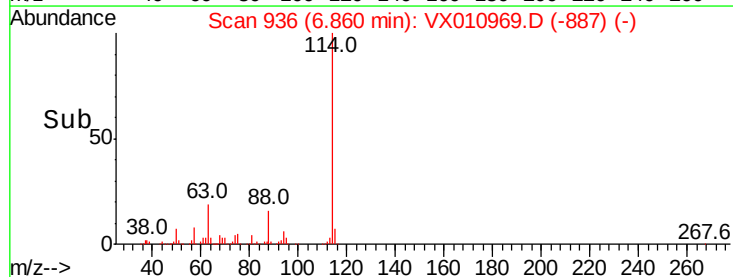
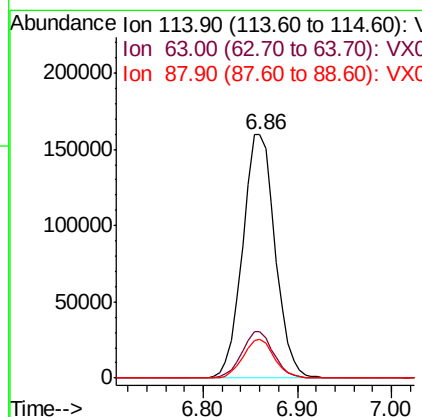
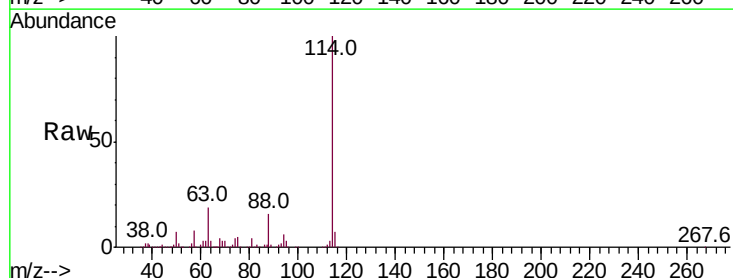
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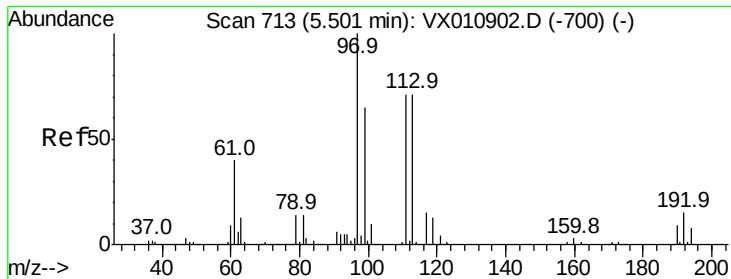
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	35.6
88	16.0	0.0	29.8





#35

Dibromofluoromethane

Concen: 48.966 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

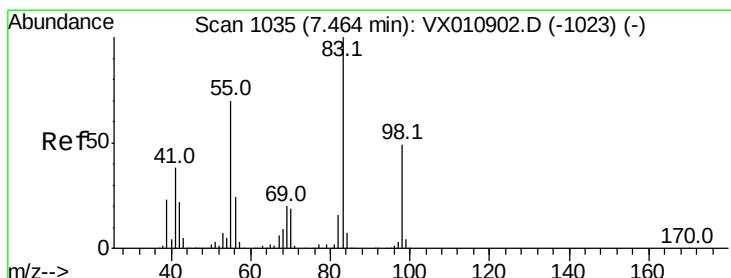
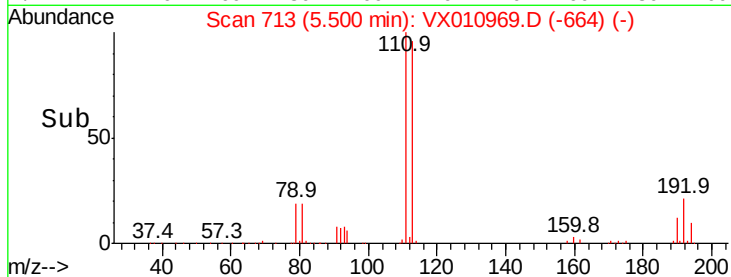
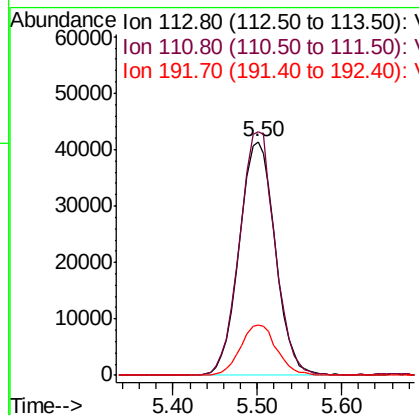
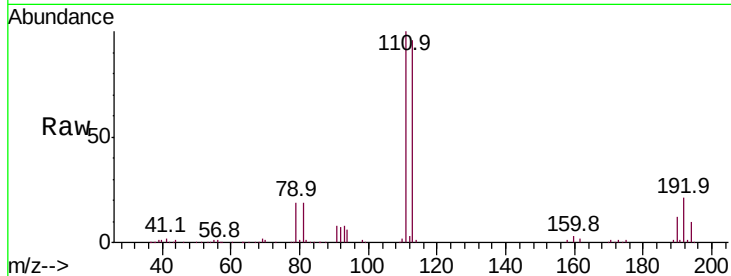
ClientSampled :

FL-0625

Tot Ion:	113	Resp:	119980
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.3	123.5
192	21.5	17.4	26.2

Manual Integrations
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#39

Methylcyclohexane

Concen: 136.304 ug/l

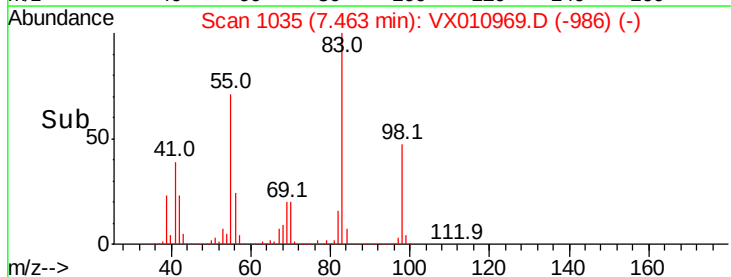
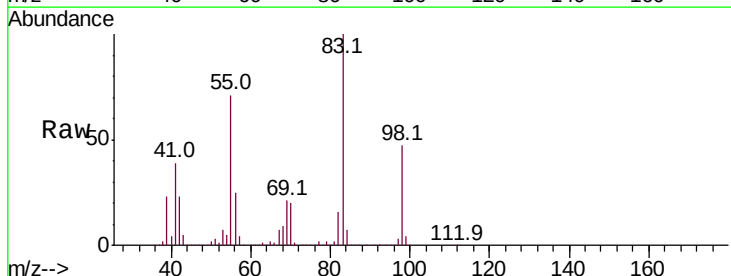
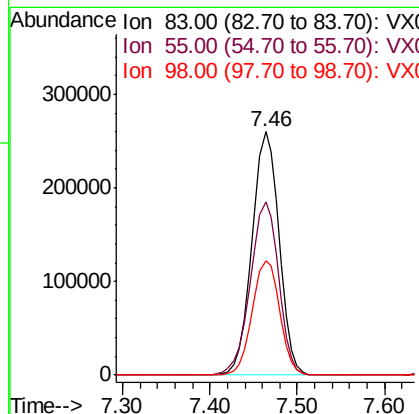
RT: 7.46 min Scan# 1035

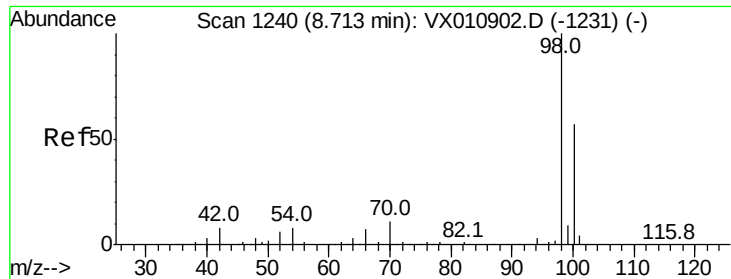
Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Tgt Ion:	83	Resp:	560496
Ion Ratio	Lower	Upper	
83	100		
55	71.3	56.2	84.4
98	47.0	39.0	58.4





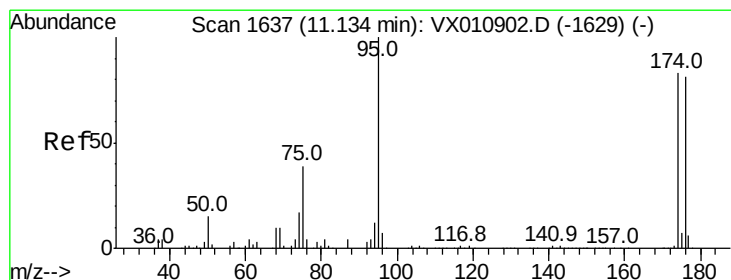
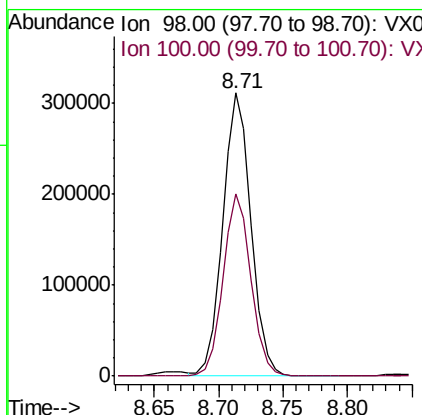
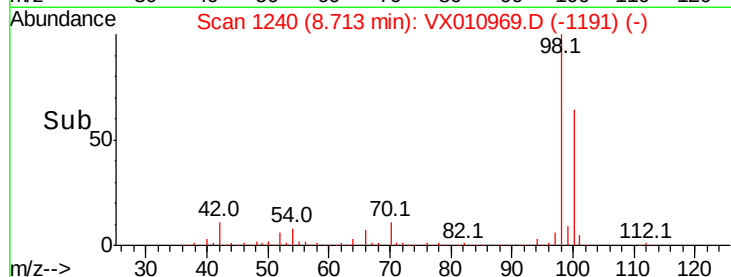
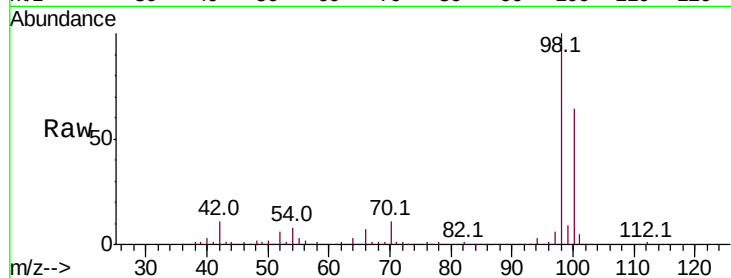
#50
Toluene-d8
Concen: 52.042 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

Tot Ion: 98 Resp: 478268
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8

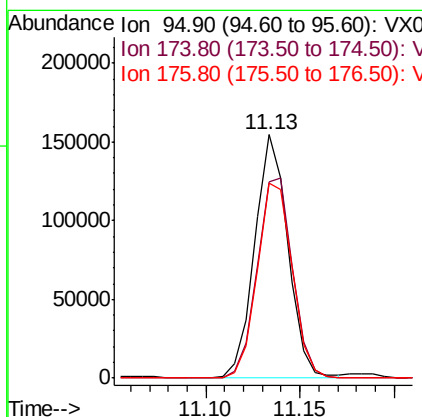
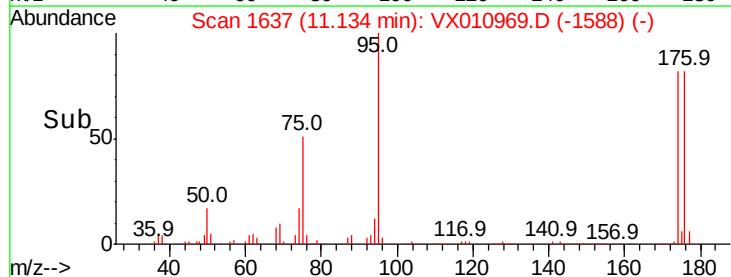
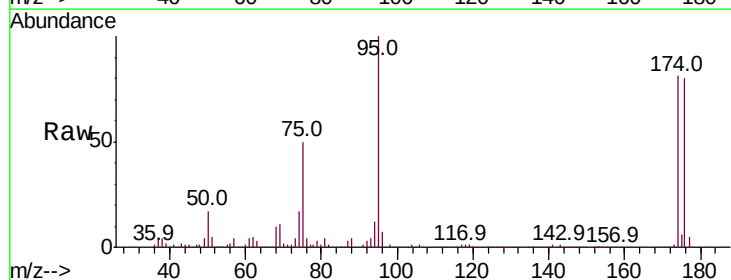
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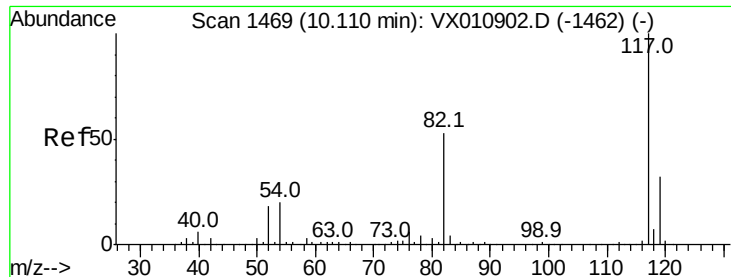
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#62
4-Bromofluorobenzene
Concen: 55.848 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion: 95 Resp: 188652
Ion Ratio Lower Upper
95 100
174 87.5 0.0 180.6
176 84.6 0.0 173.8





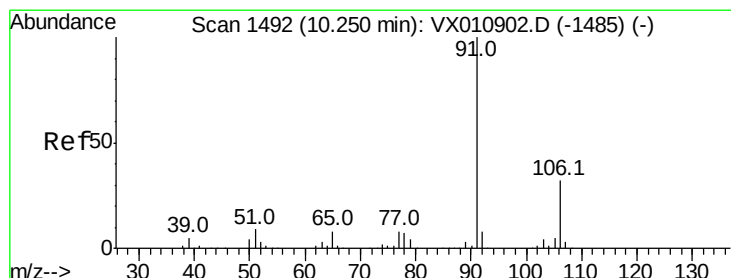
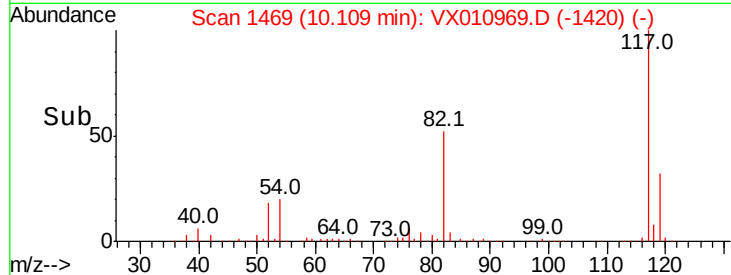
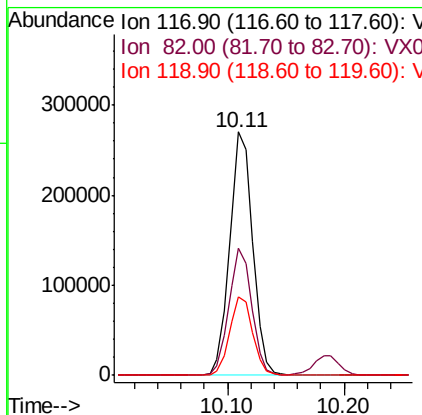
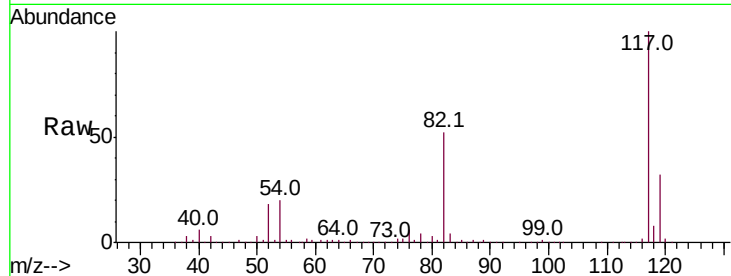
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0625

Tot Ion:	117	Resp:	372128
Ion Ratio	Lower	Upper	
117	100		
82	52.2	42.6	63.8
119	32.2	25.9	38.9

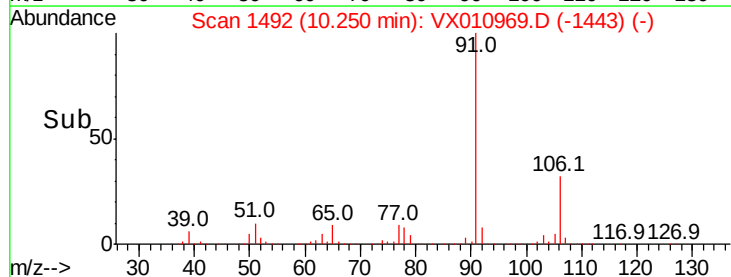
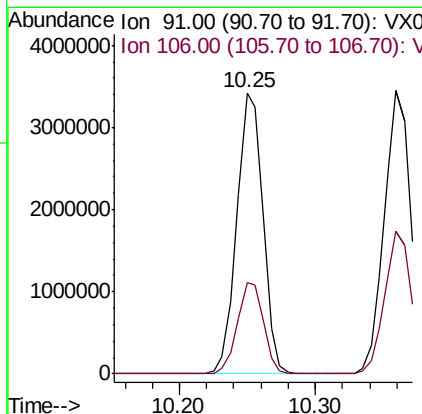
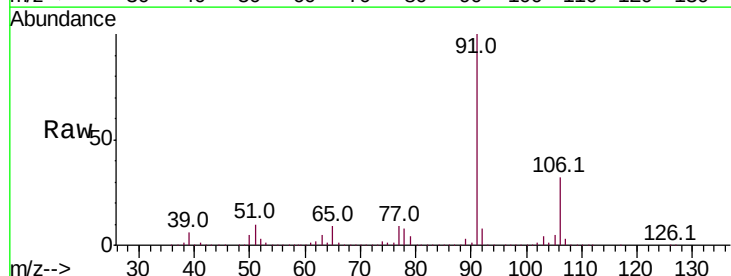
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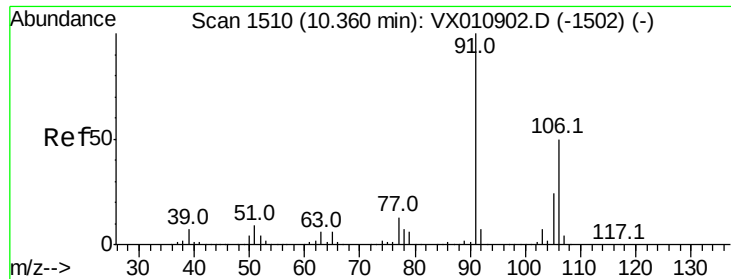
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#67
 Ethyl Benzene
 Concen: 351.878 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion:	91	Resp:	4577818
Ion Ratio	Lower	Upper	
91	100		
106	32.4	25.4	38.2





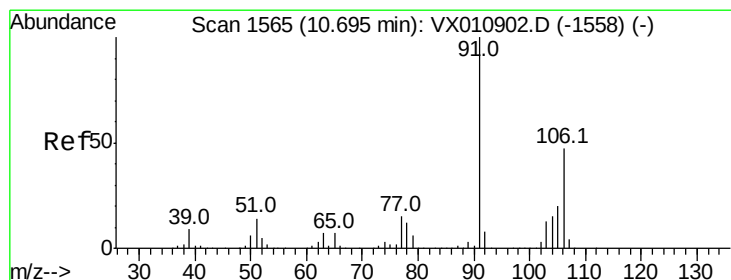
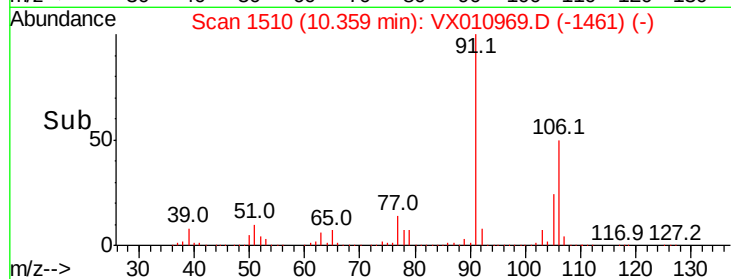
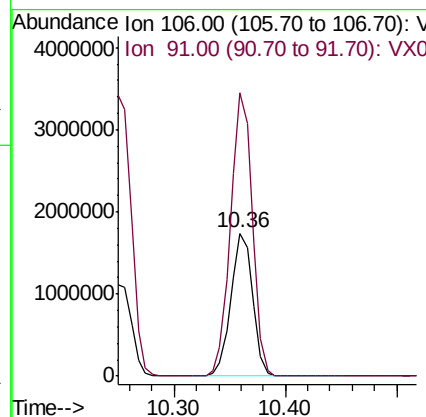
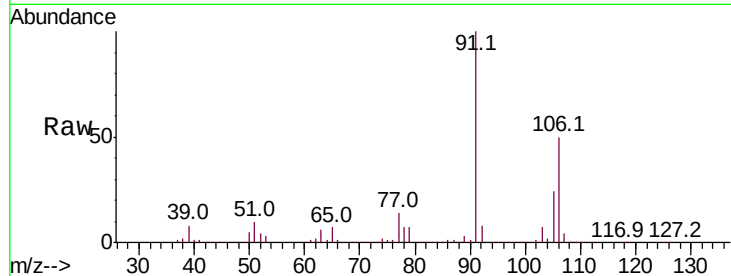
#68
m/p-Xylenes
Concen: 469.188 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

Tot Ion:106 Resp: 2341434
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1

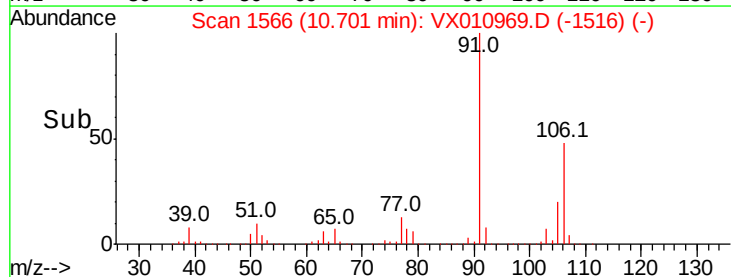
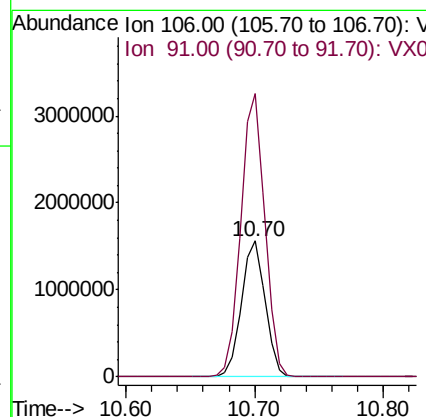
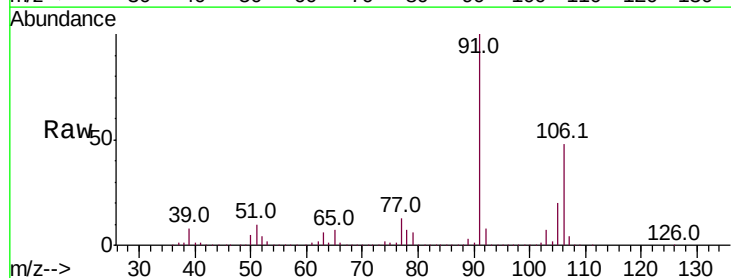
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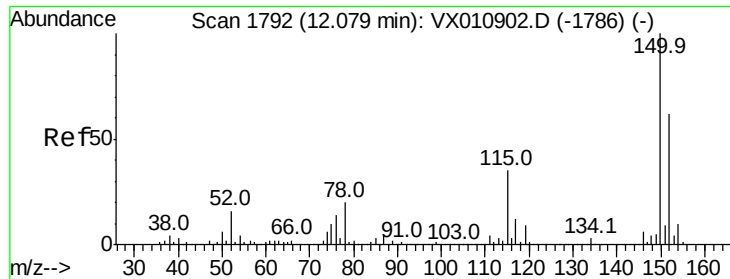
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#69
o-Xylene
Concen: 409.370 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion:106 Resp: 1993785
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.3





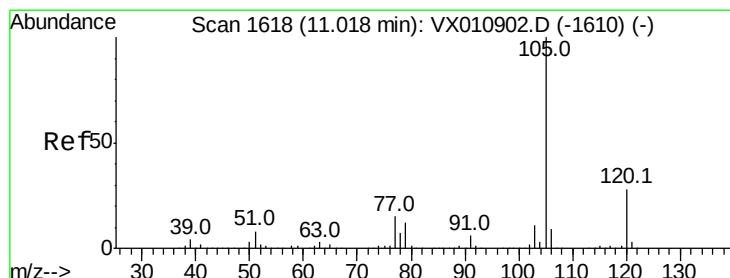
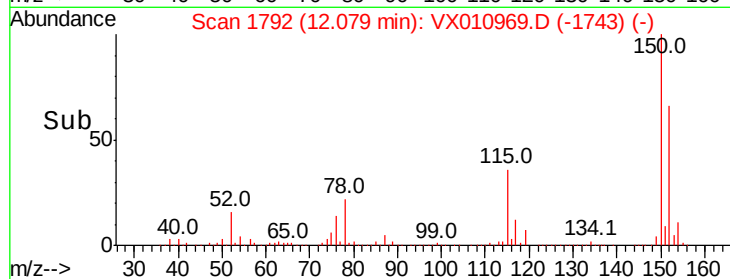
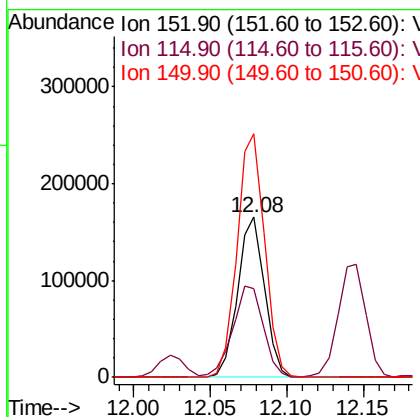
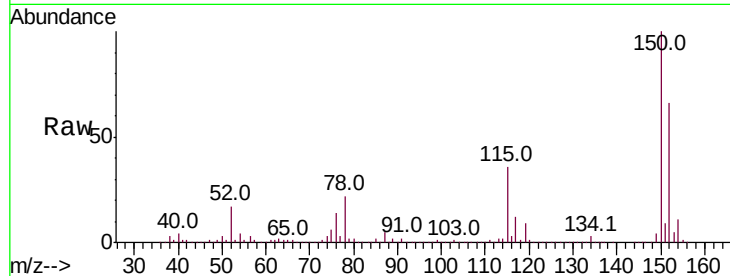
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0625

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.2	39.7	119.1
150	154.9	0.0	345.6

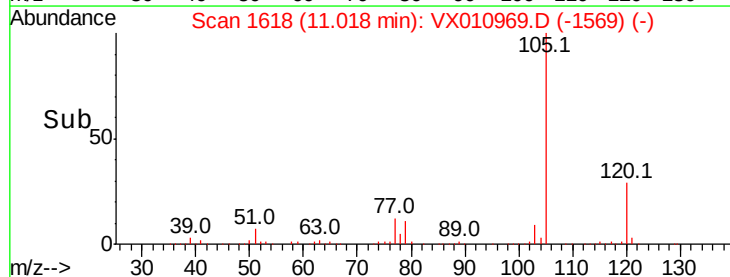
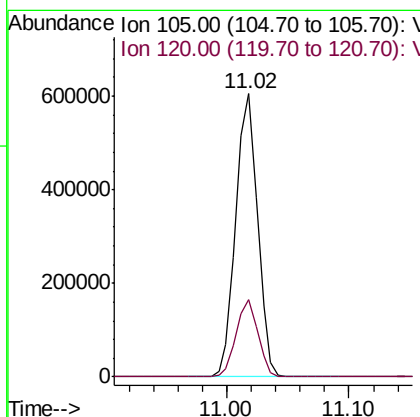
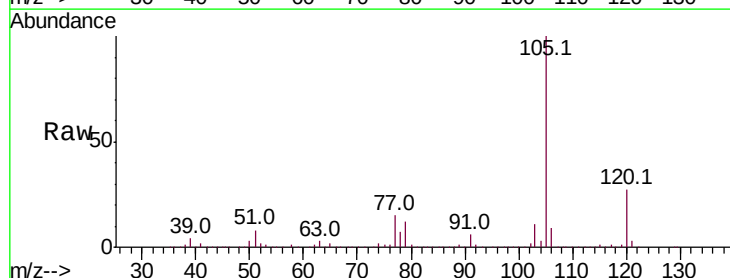
Manual Integrations
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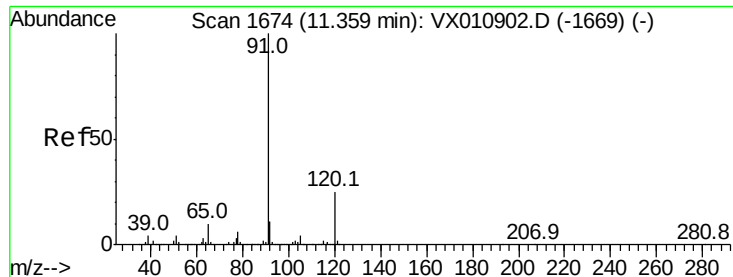
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#73
 Isopropylbenzene
 Concen: 54.590 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: VX010969.D
 Acq: 18 Jul 2019 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.7	41.1





#78

n-propylbenzene

Concen: 75.540 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampled :

FL-0625

Tot Ion: 91 Resp: 1136723

Ion Ratio Lower Upper

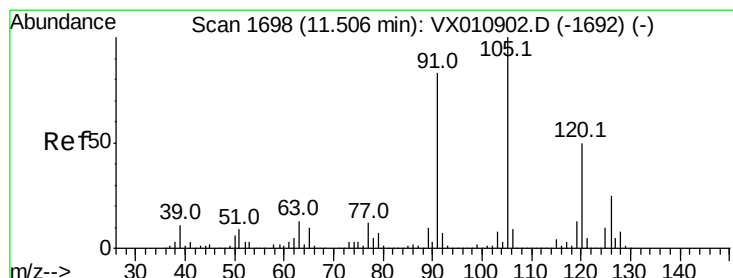
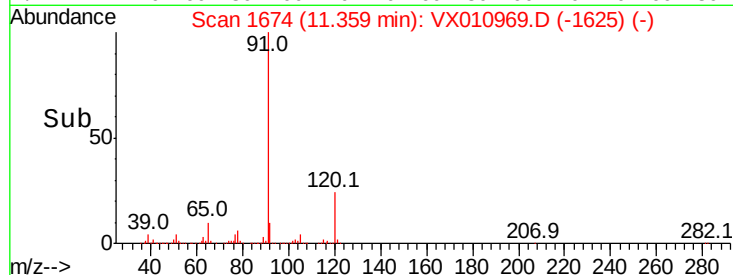
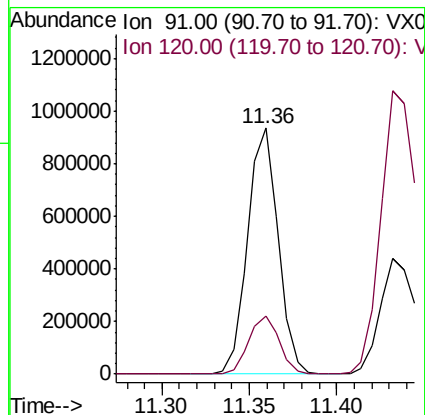
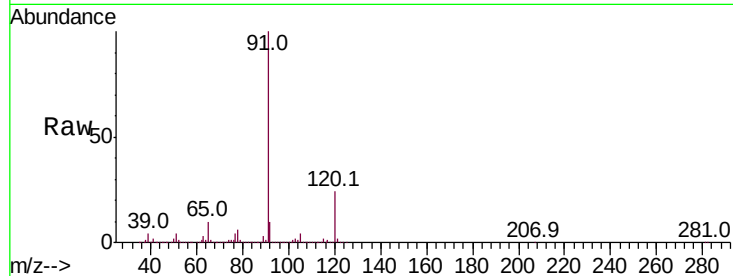
91 100

120 23.8 12.3 36.8

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#80

1,3,5-Trimethylbenzene

Concen: 180.874 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010969.D

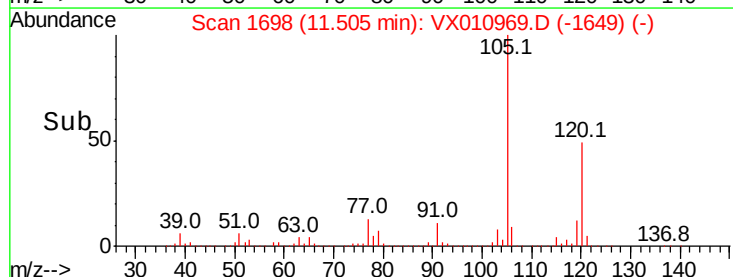
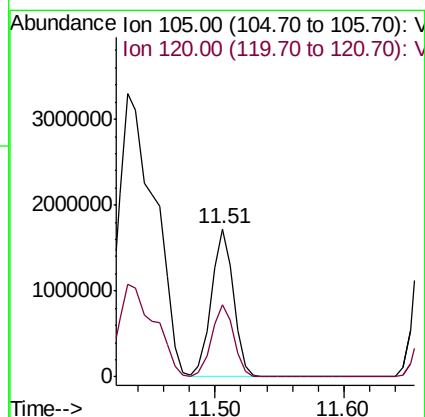
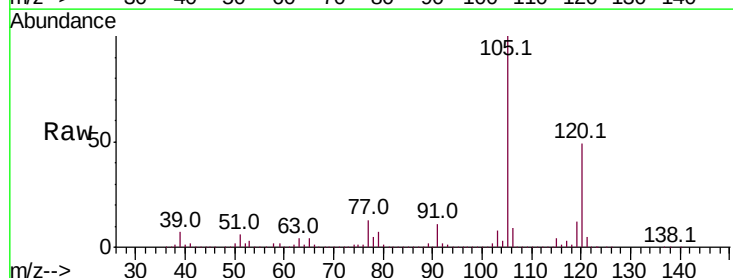
Acq: 18 Jul 2019 19:15

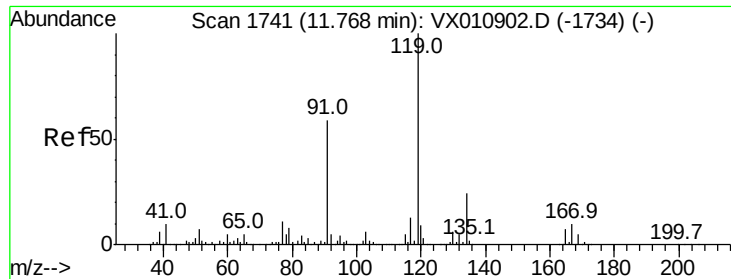
Tgt Ion: 105 Resp: 2058366

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8





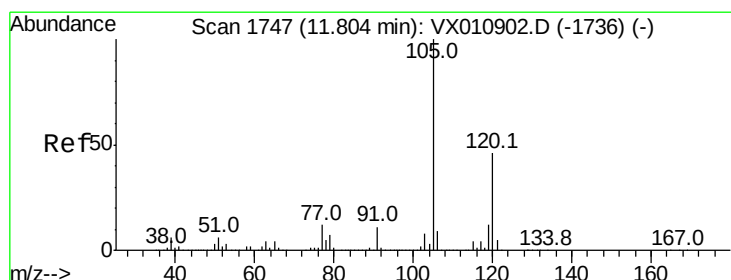
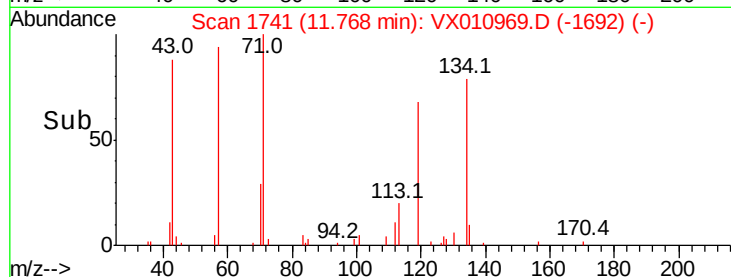
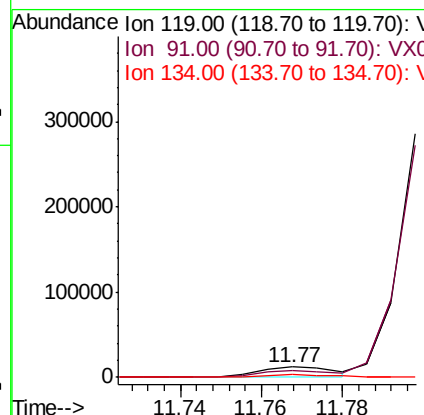
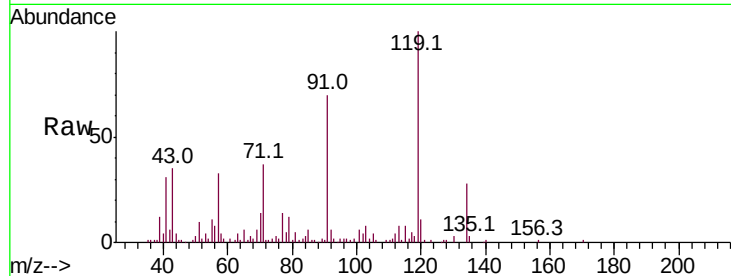
#83
tert-Butylbenzene
Concen: 1.399 ug/l m
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0625

Tot Ion:119 Resp: 15638
Ion Ratio Lower Upper
119 100
91 4242.8 28.6 85.8
134 0.0 11.6 34.8#

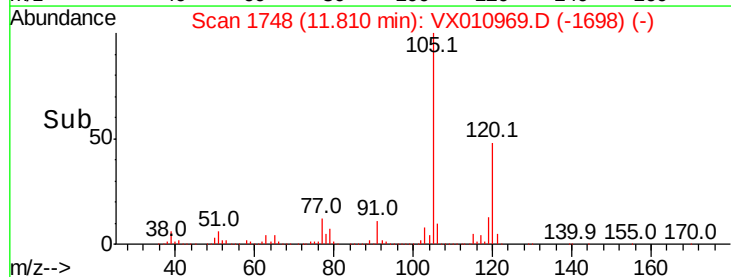
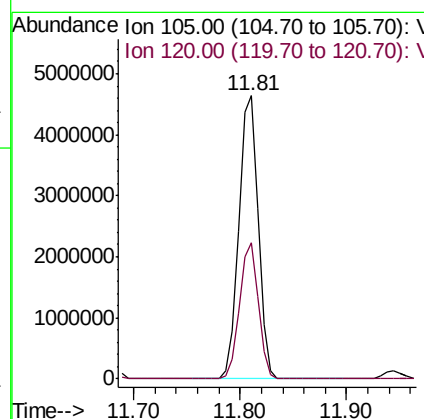
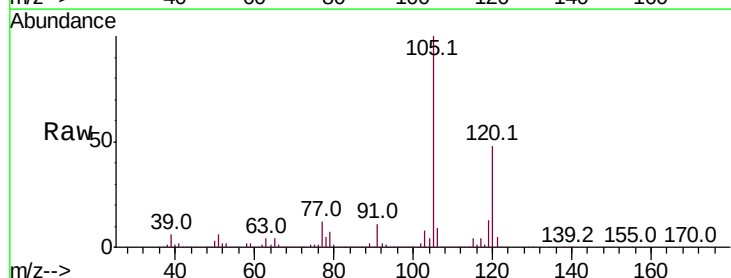
Manual Integrations
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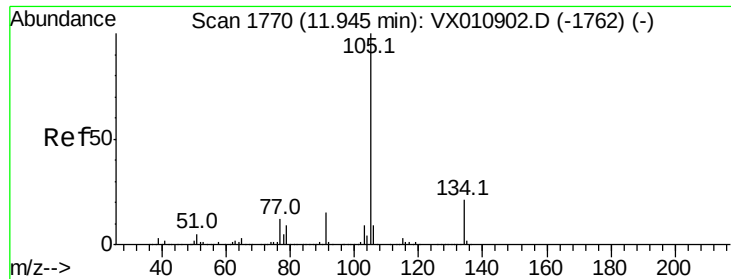
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#84
1,2,4-Trimethylbenzene
Concen: 516.804 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion:105 Resp: 5927734
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.5





#85

sec-Butylbenzene

Concen: 13.288 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0625

Tot Ion:105 Resp: 174045

Ion Ratio Lower Upper

105 100

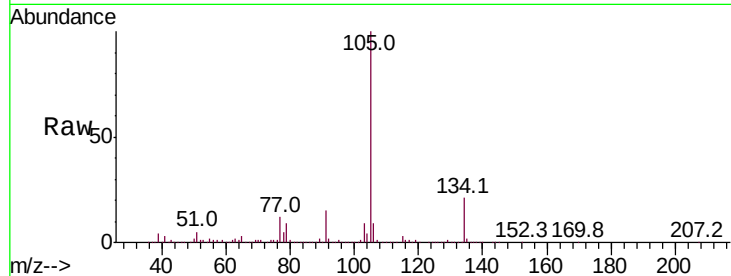
134 0.0 10.4 31.4#

Manual Integrations

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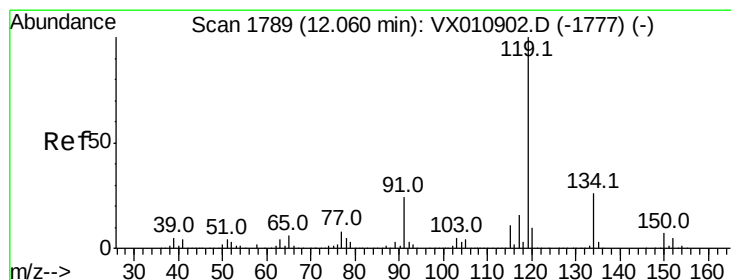
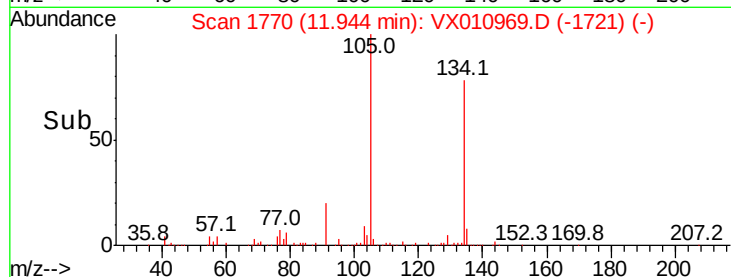
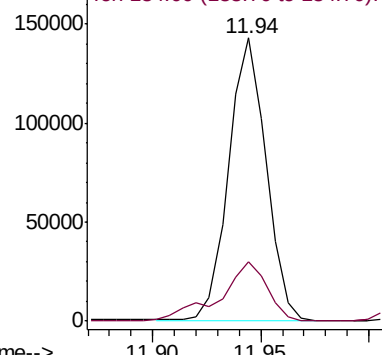
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.936 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010969.D

Acq: 18 Jul 2019 19:15

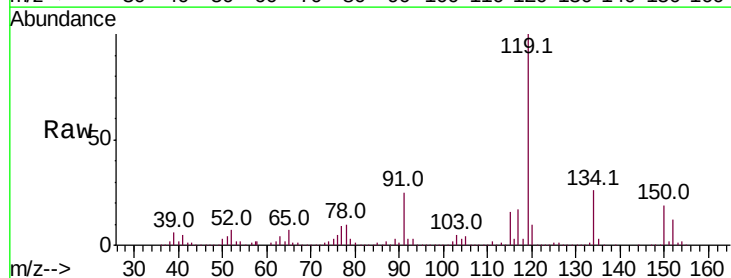
Tgt Ion:119 Resp: 205075

Ion Ratio Lower Upper

119 100

134 25.8 13.4 40.1

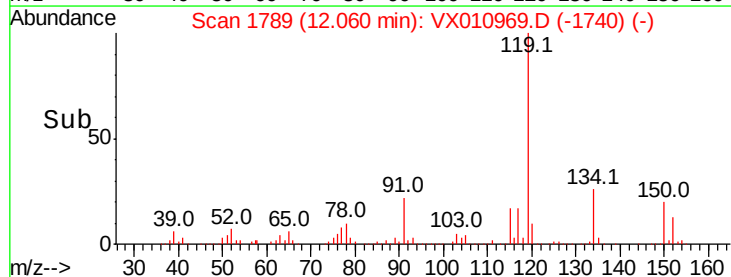
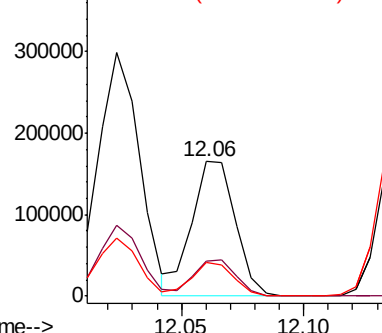
91 24.1 11.8 35.4

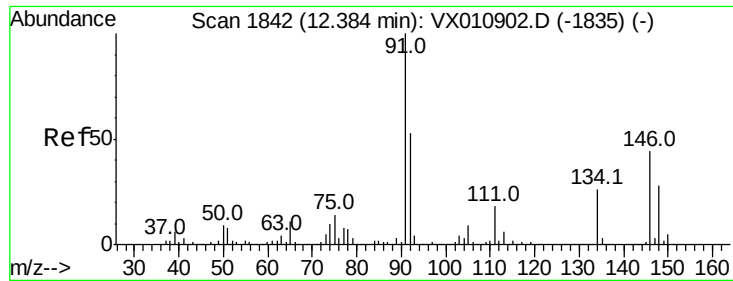


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





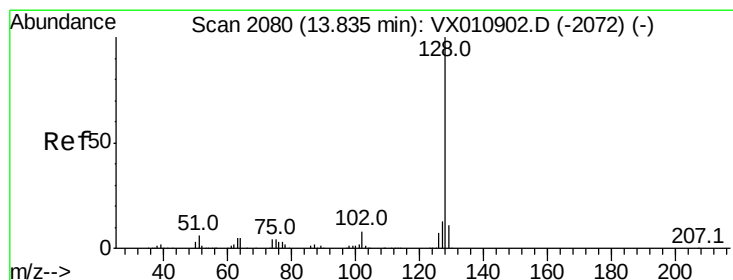
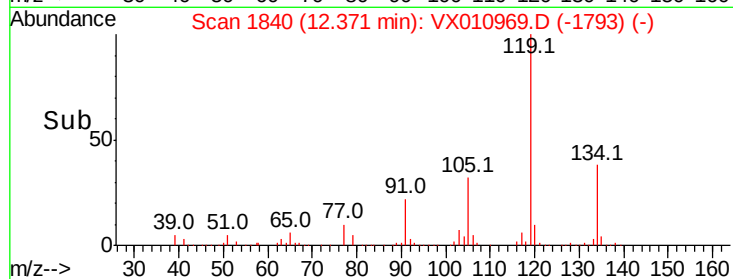
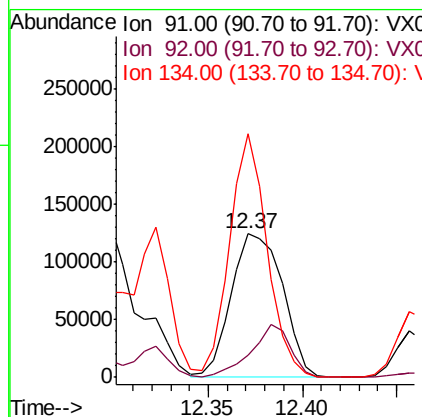
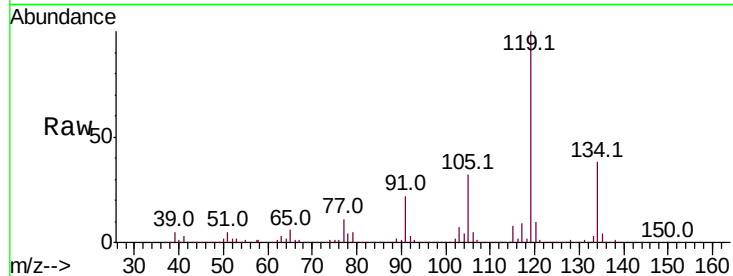
#89
n-Butylbenzene
Concen: 22.624 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Instrument :
MSVOA_X
ClientSampled :
FL-0625

Tot Ion	Ratio	Lower	Upper
91	100		
92	28.2	26.2	78.5
134	123.7	13.8	41.3#

Manual Integrations
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#95
Naphthalene
Concen: 80.035 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010969.D
Acq: 18 Jul 2019 19:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.5	8.9	13.3

