

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011012.D
 Acq On : 19 Jul 2019 18:58
 Operator : JC/SP
 Sample : K3884-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0606DL

Manual Integrations
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 7/22/2019 5:23:55 PM

Quant Time: Jul 20 03:20:34 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	5.66	168	221108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119457	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	5.49	113	105683	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	423669	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	161215	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	141940	44.442	ug/l	99
39) Methylcyclohexane	7.46	83	124722	33.884	ug/l	98
52) Toluene	8.79	92	23182	4.059	ug/l	98
67) Ethyl Benzene	10.25	91	185412	15.926	ug/l	100
68) m/p-Xylenes	10.35	106	303031	67.856	ug/l	99
69) o-Xylene	10.69	106	70028	16.067	ug/l	97
73) Isopropylbenzene	11.02	105	62314	5.402	ug/l	100
78) n-propylbenzene	11.36	91	110478	8.667	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261002	27.075	ug/l	100
83) tert-Butylbenzene	11.77	119	4905	0.518	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	631638	65.010	ug/l	100
85) sec-Butylbenzene	11.94	105	9404m	0.848	ug/l	
86) p-Isopropyltoluene	12.06	119	9374	0.914	ug/l	91
89) n-Butylbenzene	12.38	91	20343	2.318	ug/l #	27
95) Naphthalene	13.83	128	98900	9.030	ug/l	99

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

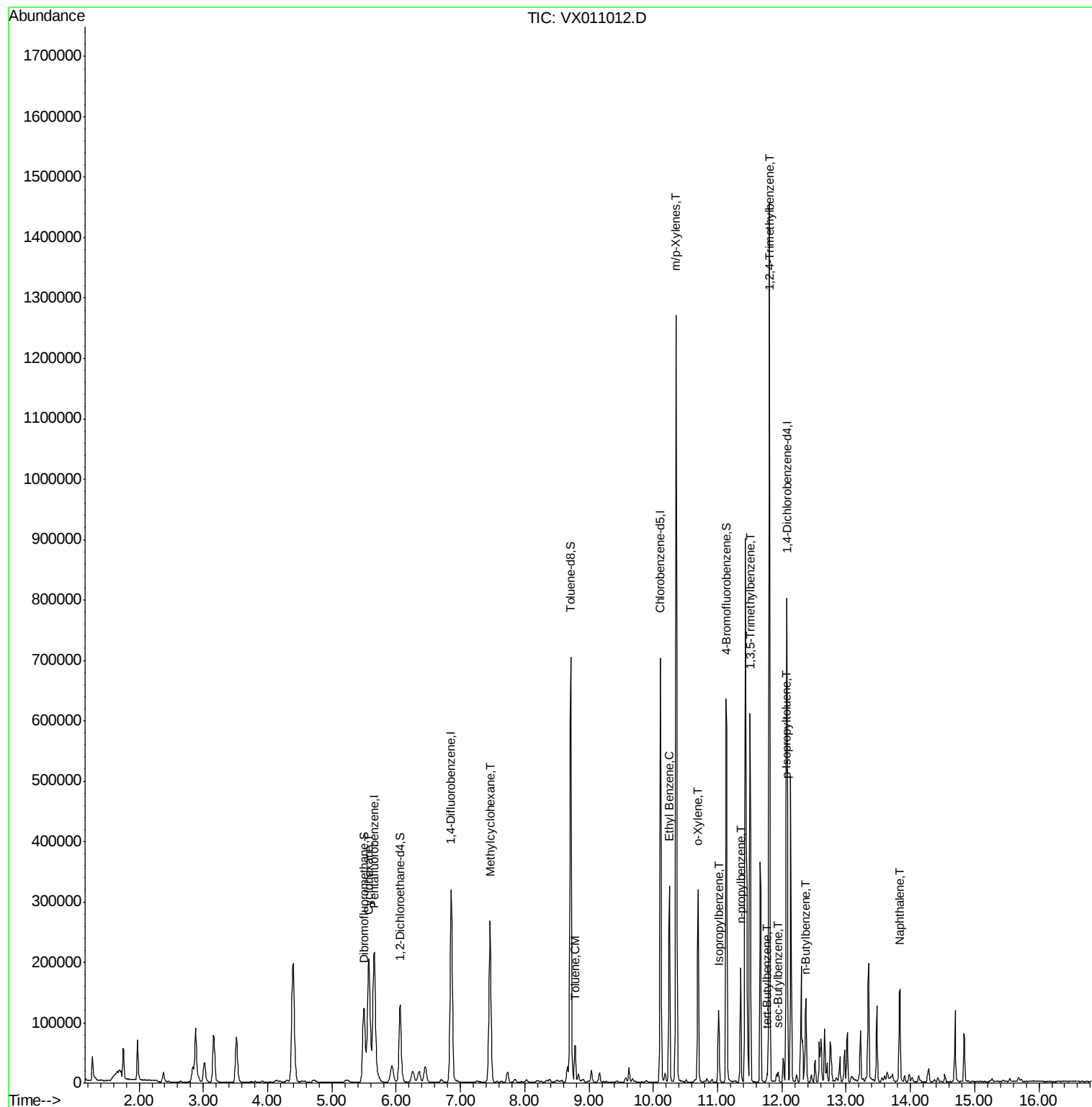
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011012.D
Acq On : 19 Jul 2019 18:58
Operator : JC/SP
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ALS Vial : 23 Sample Multiplier: 1

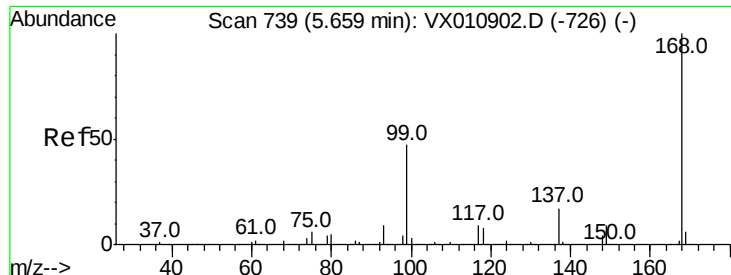
Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

Manual Integrations
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7/22/2019 5:23:55 PM

Quant Time: Jul 20 03:20:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

FL-0606DL

Tot Ion:168 Resp: 221108

Ion Ratio Lower Upper

168 100

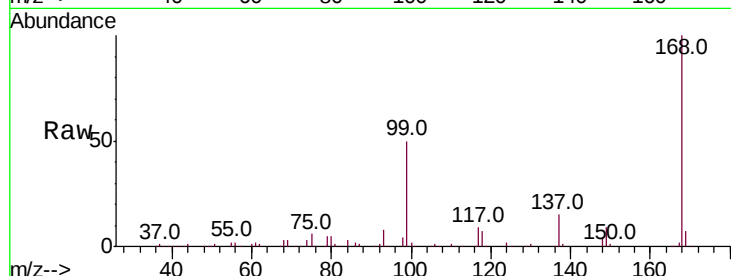
99 50.0 37.6 56.4

Manual Integrations

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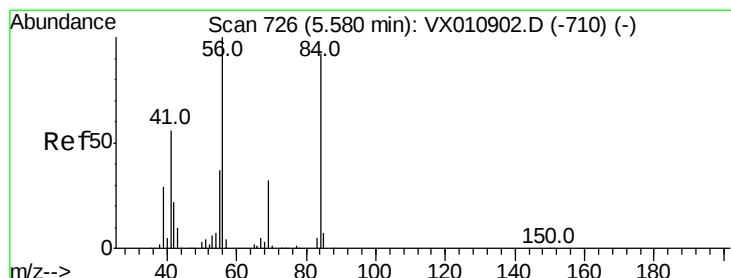
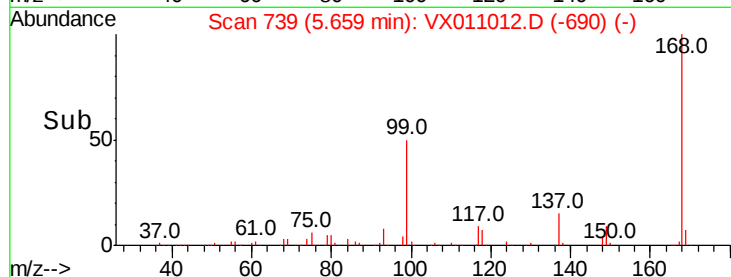
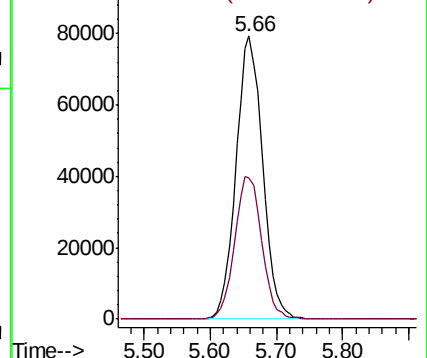
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 44.442 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

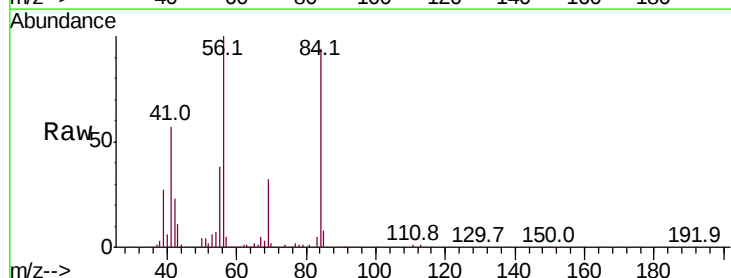
Tgt Ion: 56 Resp: 141940

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

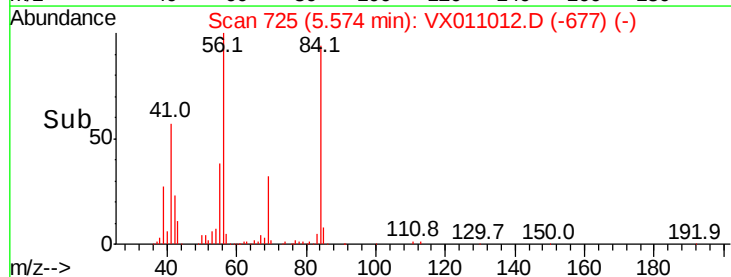
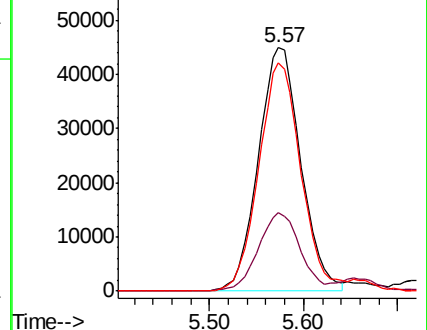
84 93.5 73.8 110.6

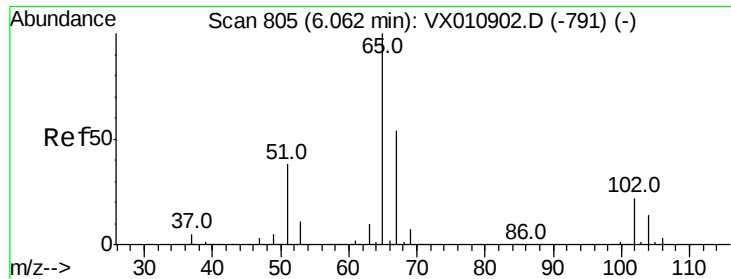


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





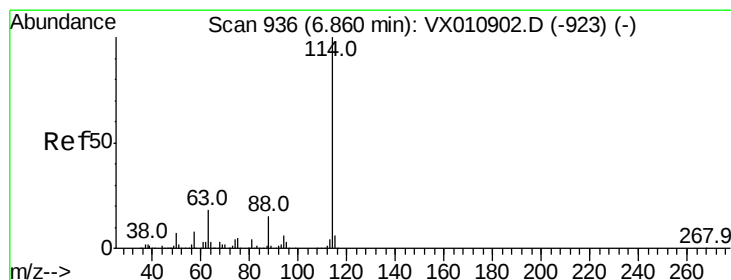
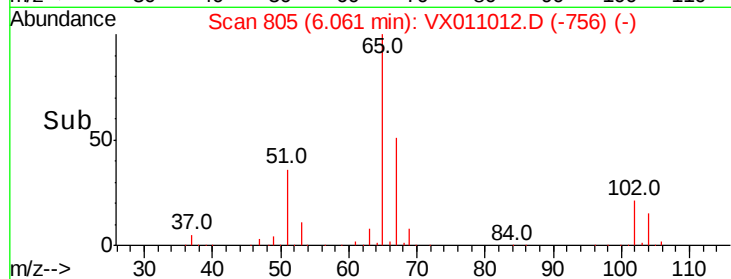
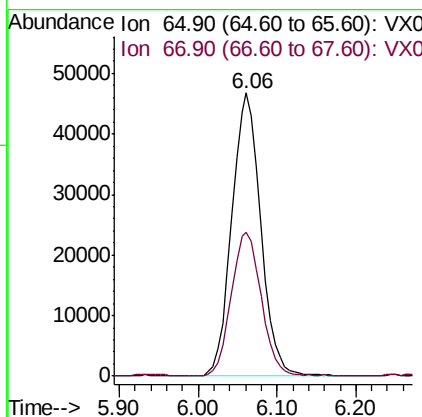
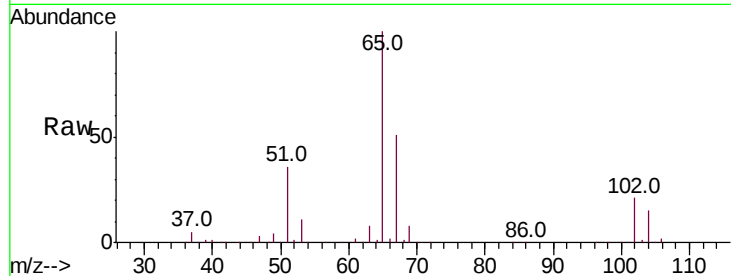
#33
 1,2-Dichloroethane-d4
 Concen: 50.784 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0606DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119457		
67	53.0	0.0	107.8	

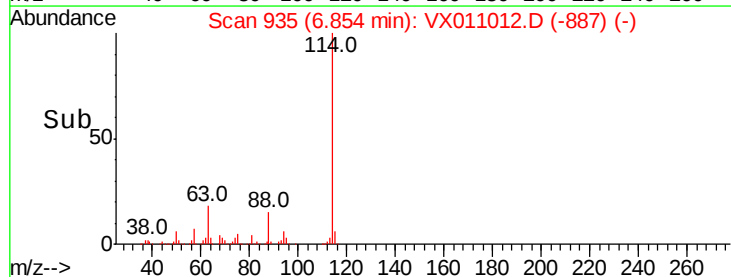
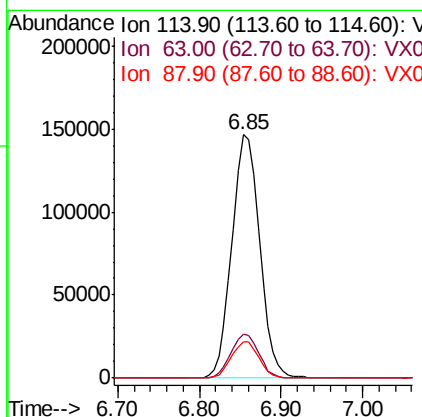
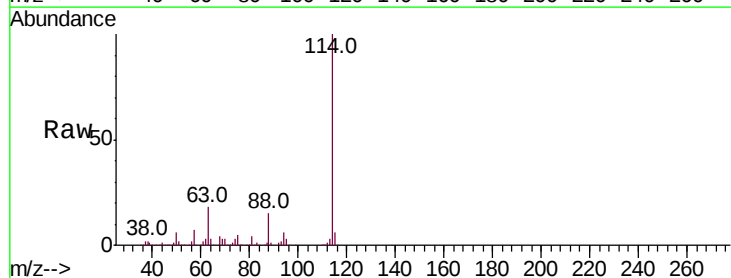
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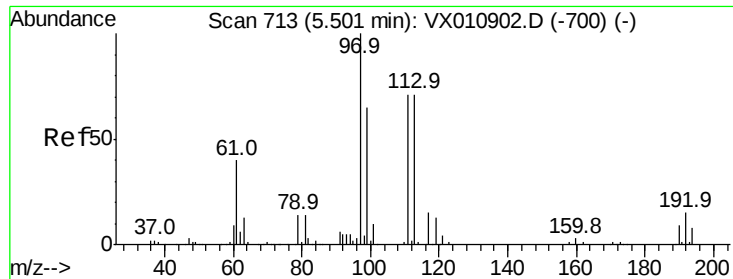
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	345549		
63	18.0	0.0	35.6	
88	14.8	0.0	29.8	





#35

Dibromofluoromethane

Concen: 48.185 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

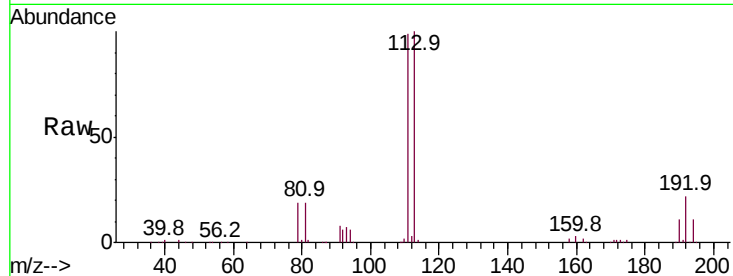
ClientSampleId :

FL-0606DL

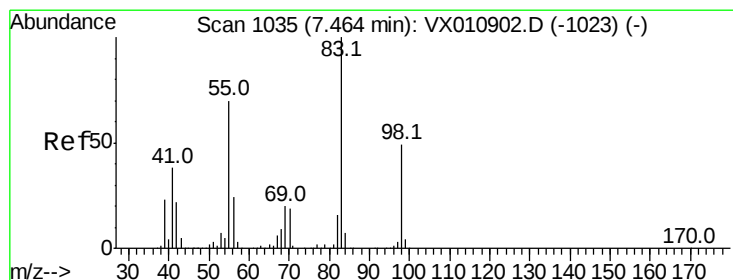
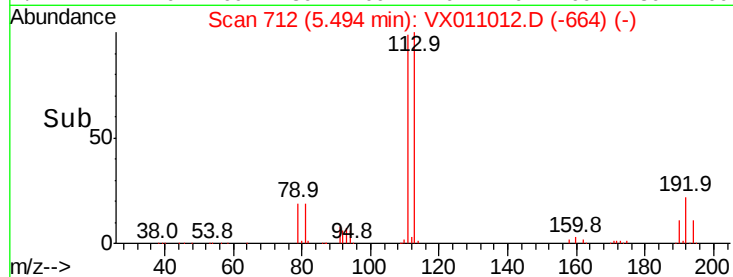
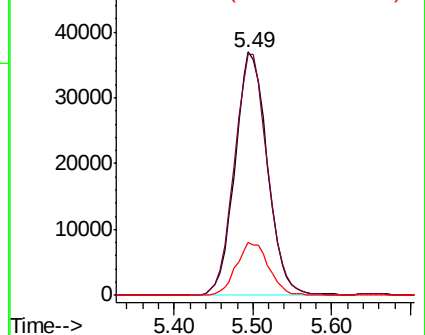
Tot Ion:	113	Resp:	105683
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.3	123.5
192	21.7	17.4	26.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 33.884 ug/l

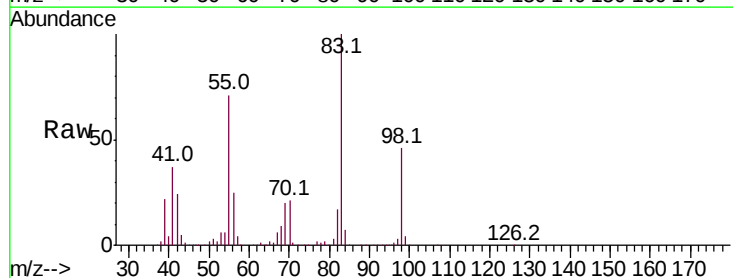
RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

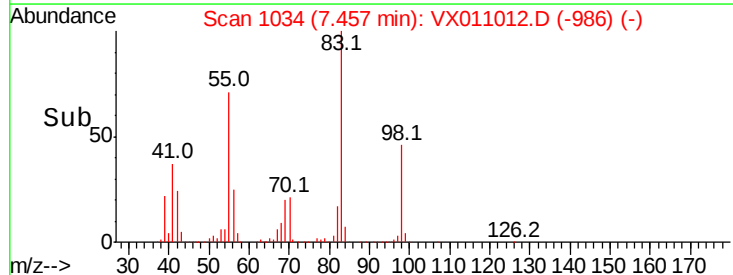
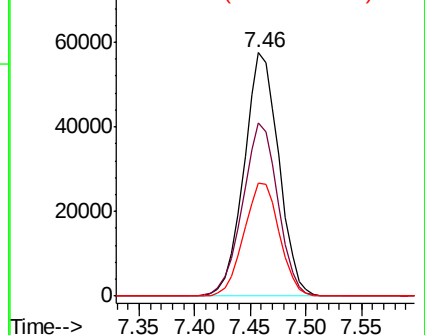
Lab File: VX011012.D

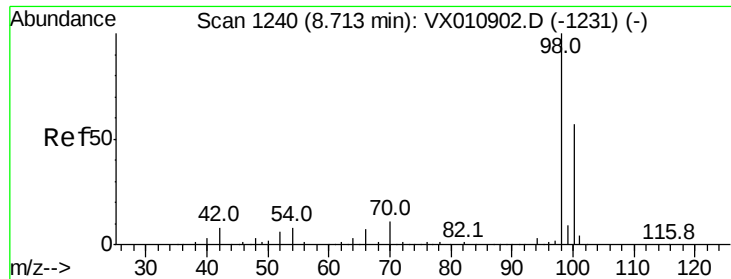
Acq: 19 Jul 2019 18:58

Tgt Ion:	83	Resp:	124722
Ion Ratio	Lower	Upper	
83	100		
55	70.9	56.2	84.4
98	46.3	39.0	58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





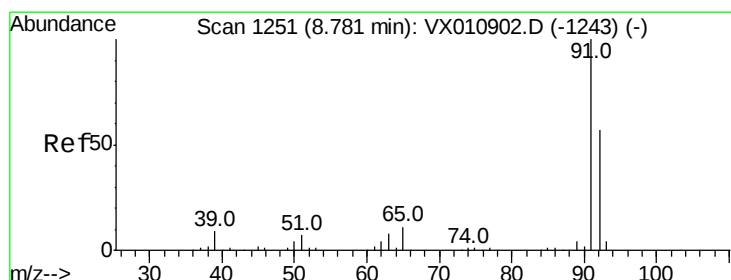
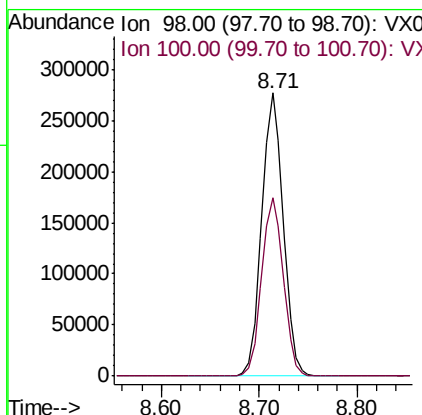
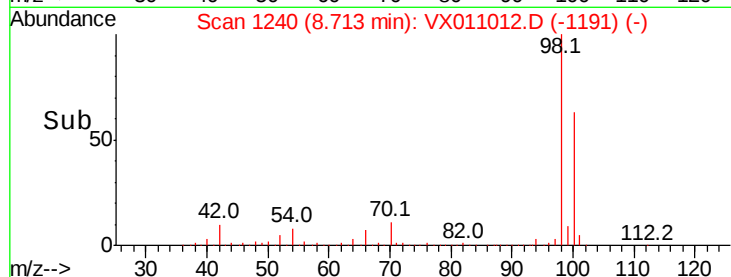
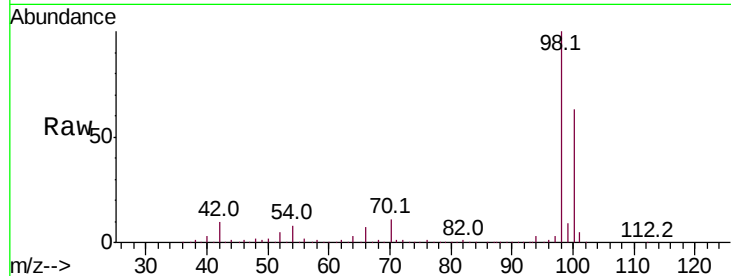
#50
Toluene-d8
Concen: 51.503 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

Tot Ion: 98 Resp: 423669
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8

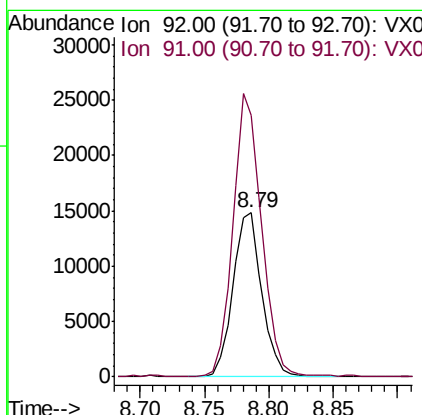
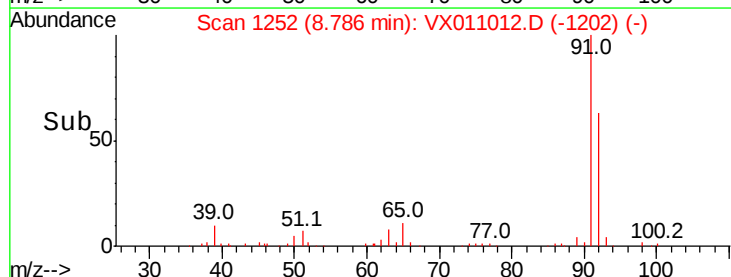
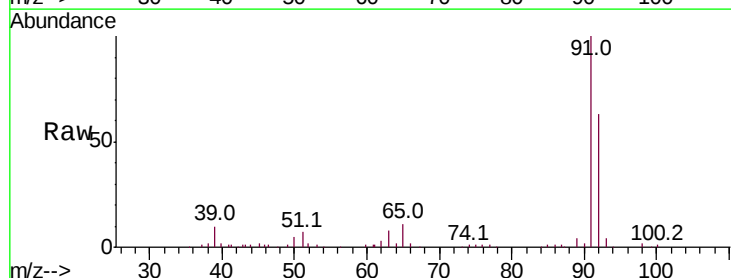
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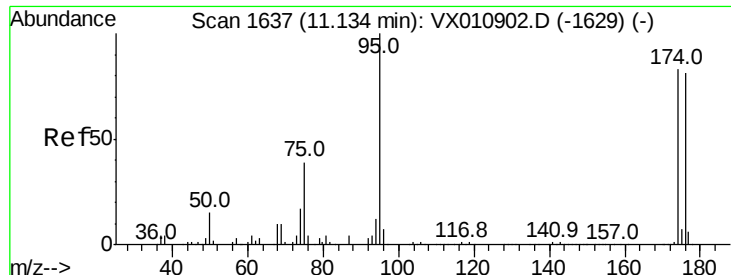
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#52
Toluene
Concen: 4.059 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 92 Resp: 23182
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0





#62

4-Bromofluorobenzene

Concen: 53.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

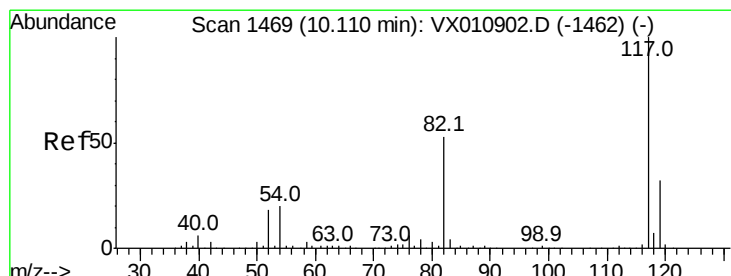
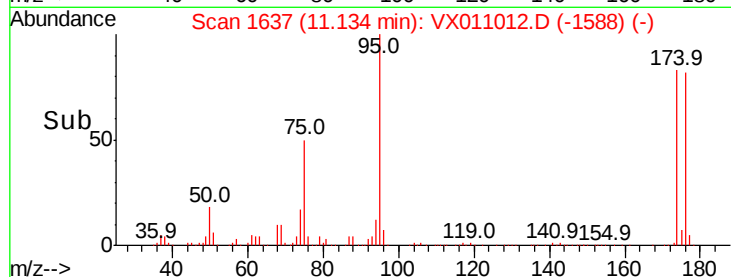
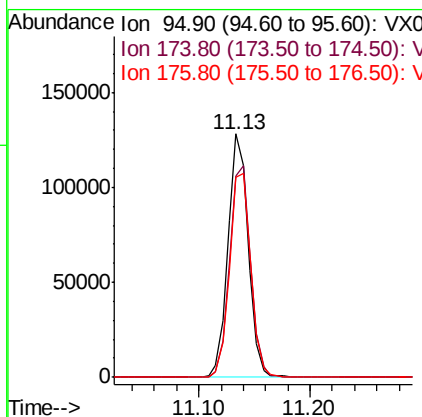
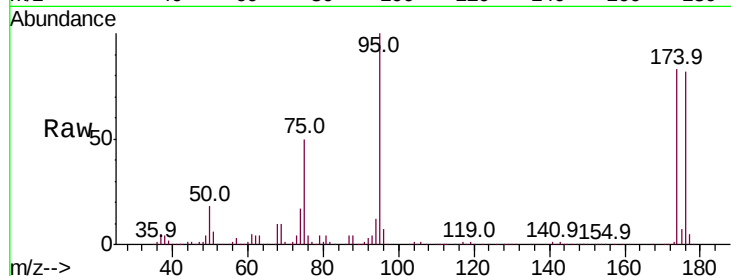
ClientSampleId :

FL-0606DL

Tot Ion	95	Resp	161215
Ion Ratio	Lower	Upper	
95	100		
174	89.9	0.0	180.6
176	87.3	0.0	173.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

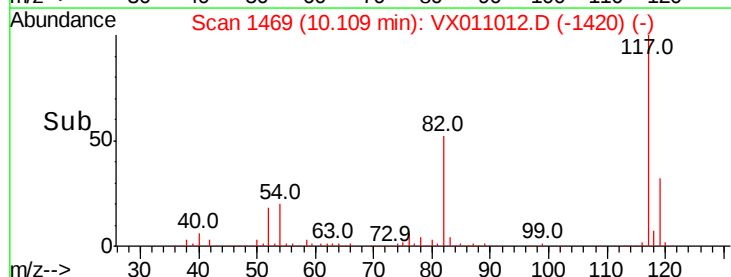
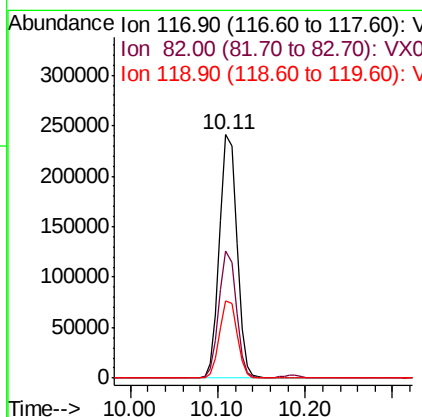
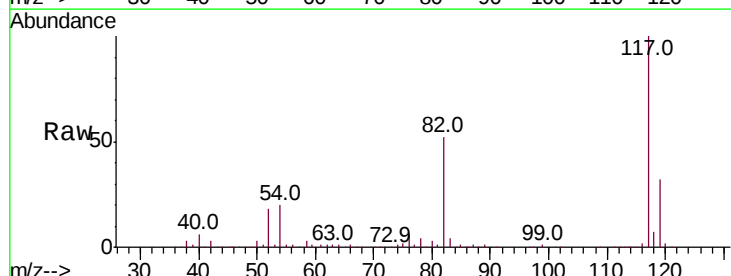
RT: 10.11 min Scan# 1469

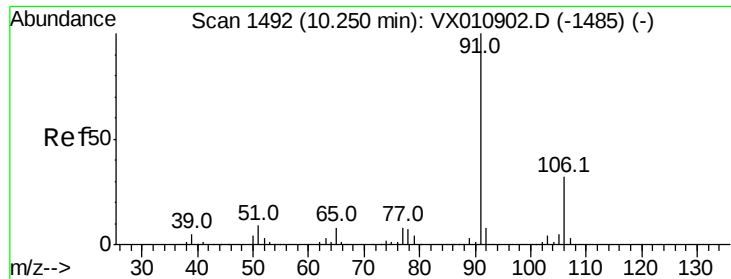
Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Tgt Ion	117	Resp	333008
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.6	63.8
119	32.0	25.9	38.9





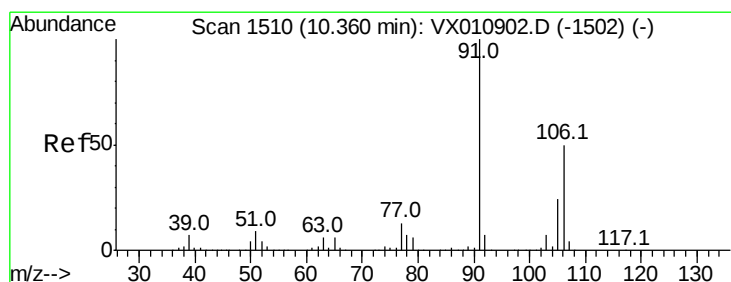
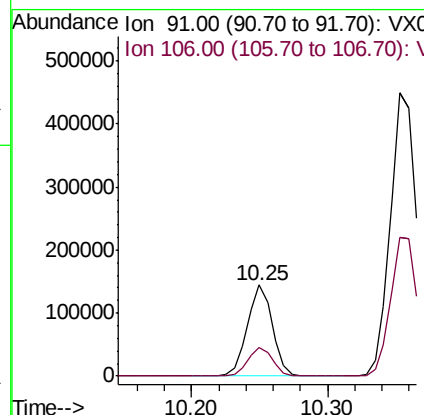
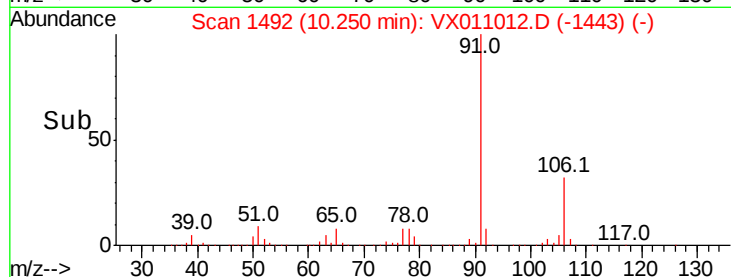
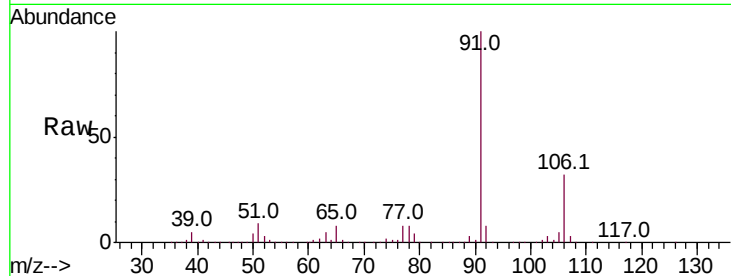
#67
Ethyl Benzene
Concen: 15.926 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

Tot Ion: 91 Resp: 185412
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

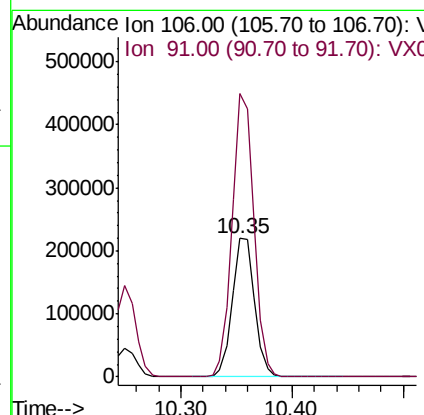
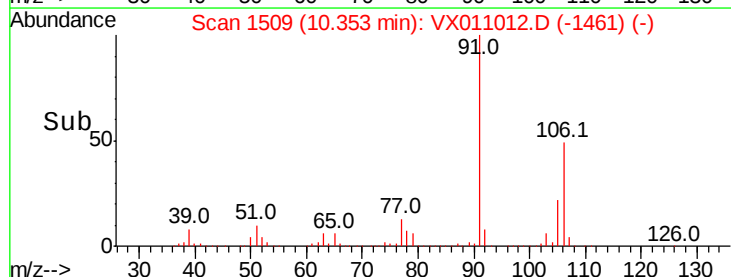
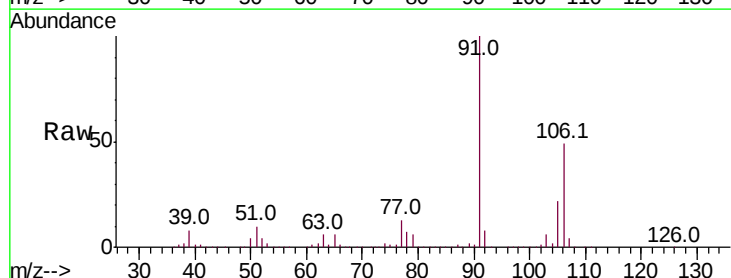
Manual Integrations
APPROVED

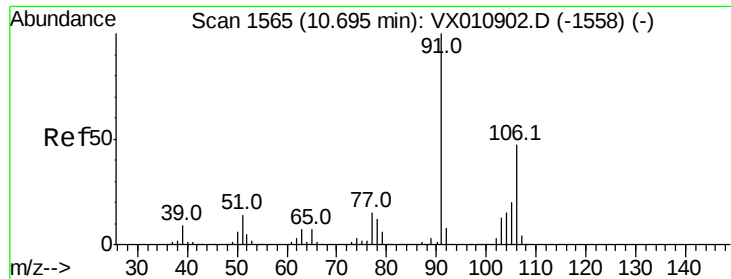
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#68
m/p-Xylenes
Concen: 67.856 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 106 Resp: 303031
Ion Ratio Lower Upper
106 100
91 201.1 160.1 240.1





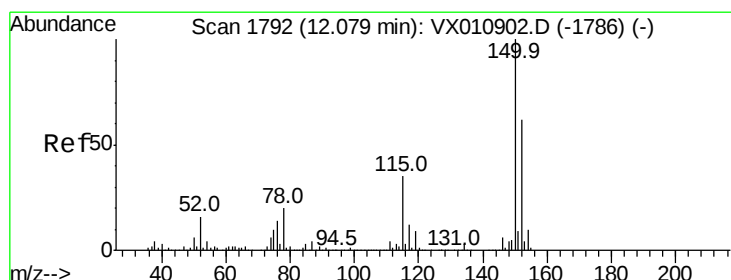
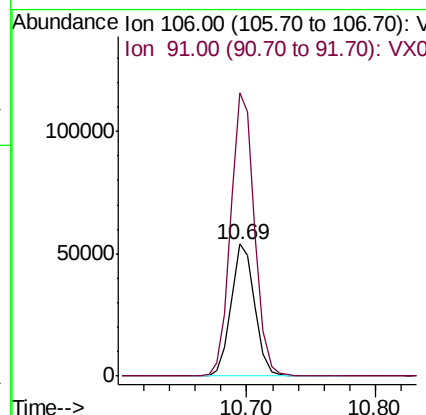
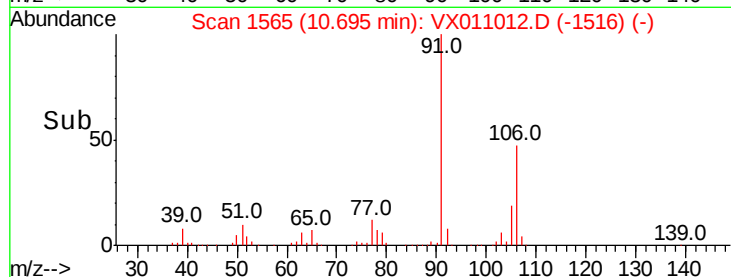
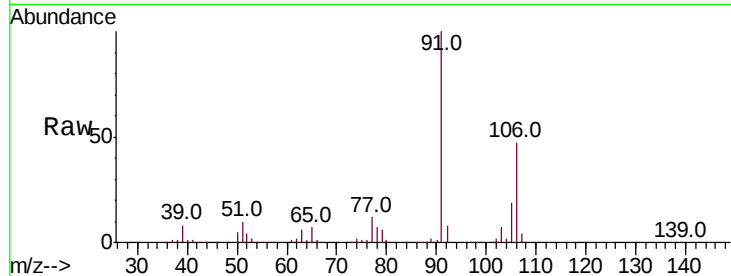
#69
o-Xylene
Concen: 16.067 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

Tot Ion:106 Resp: 70028
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.3

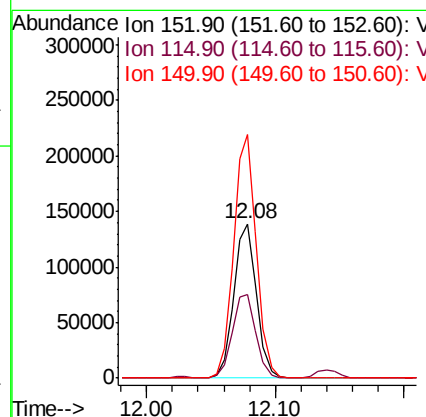
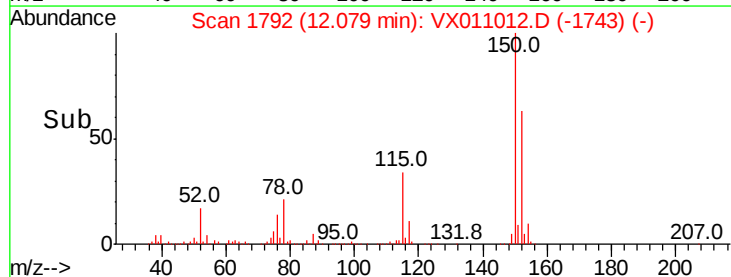
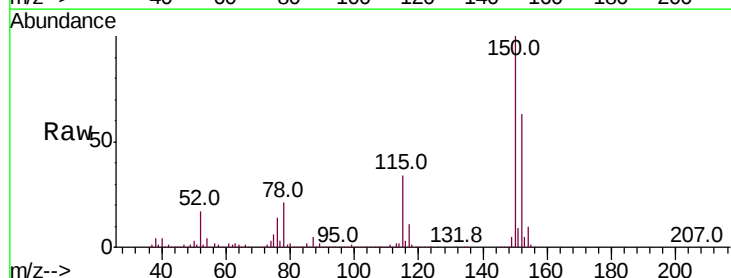
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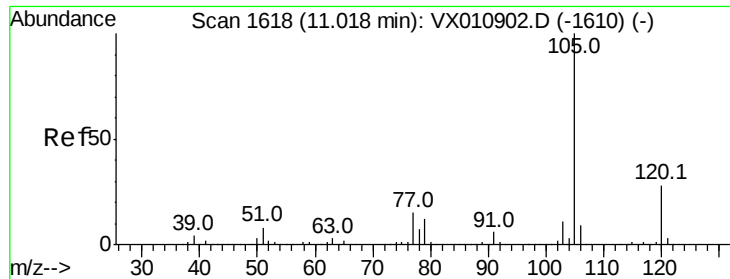
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:152 Resp: 170733
Ion Ratio Lower Upper
152 100
115 56.6 39.7 119.1
150 157.8 0.0 345.6





#73

Isopropylbenzene

Concen: 5.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

FL-0606DL

Tot Ion: 105 Resp: 62314

Ion Ratio Lower Upper

105 100

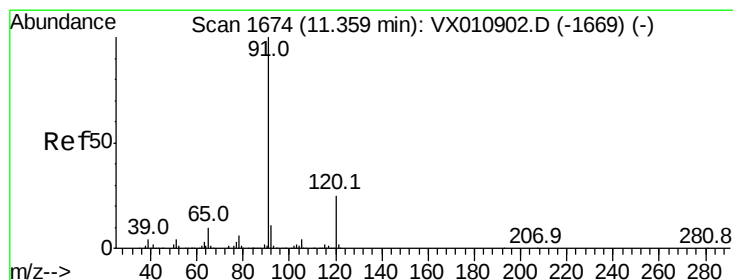
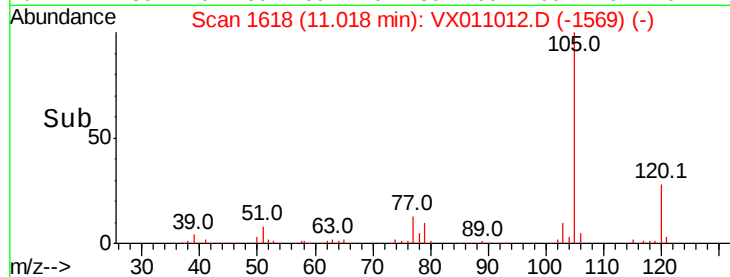
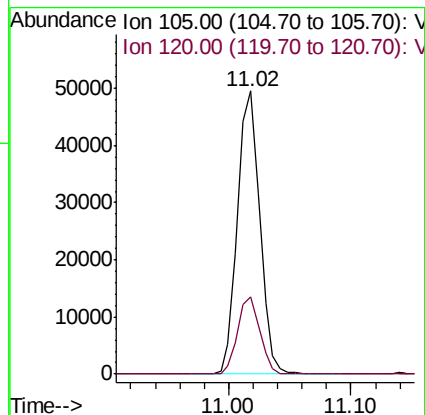
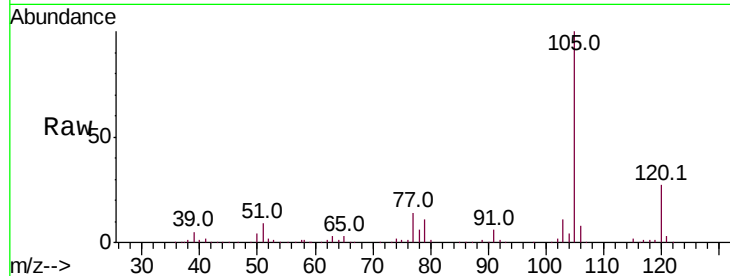
120 27.2 13.7 41.1

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#78

n-propylbenzene

Concen: 8.667 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011012.D

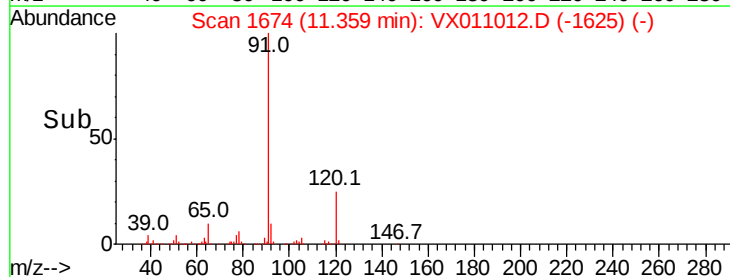
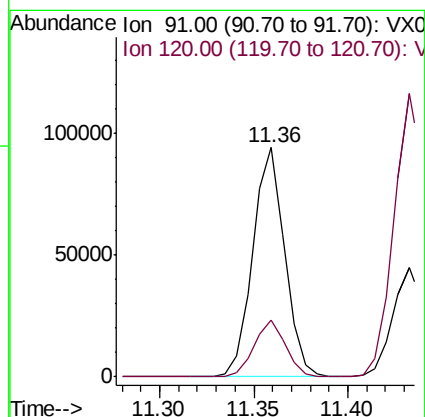
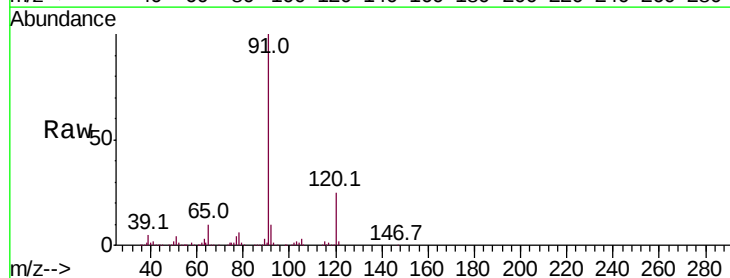
Acq: 19 Jul 2019 18:58

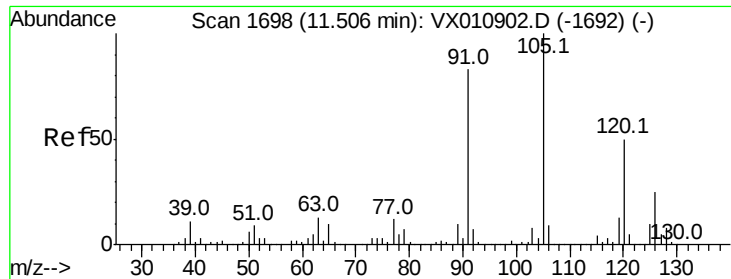
Tgt Ion: 91 Resp: 110478

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8





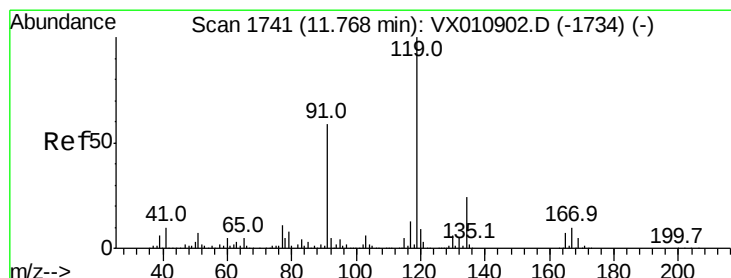
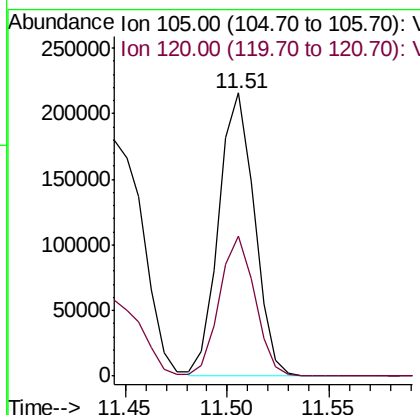
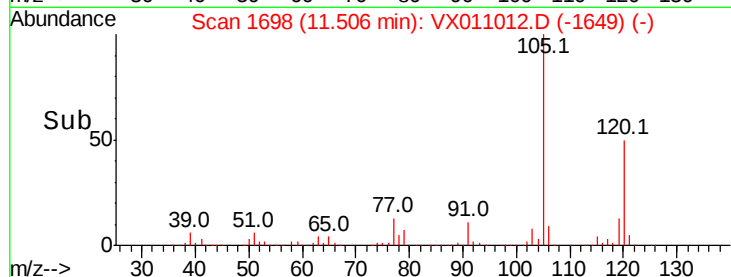
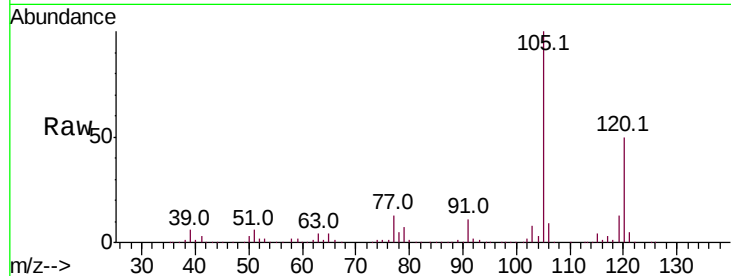
#80
1,3,5-Trimethylbenzene
Concen: 27.075 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

Tot Ion:105 Resp: 261002
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8

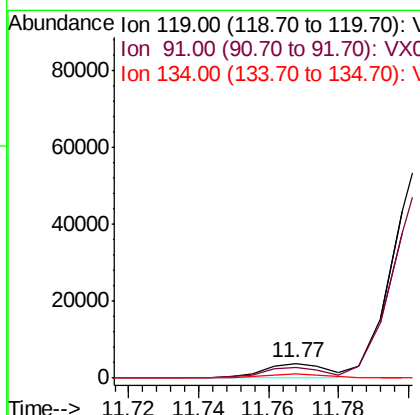
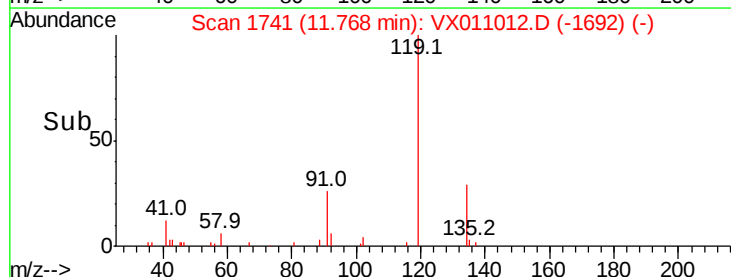
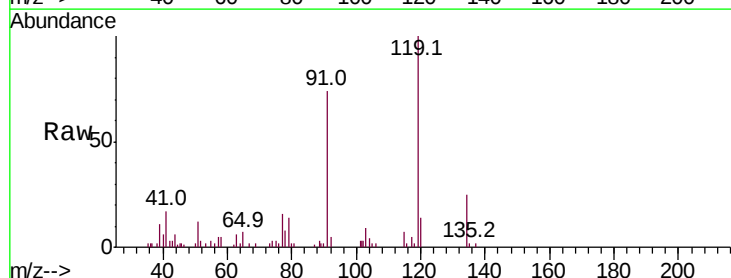
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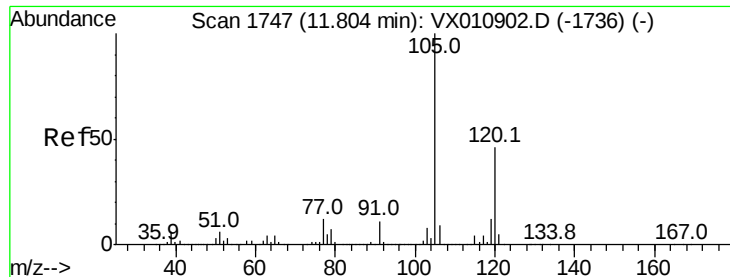
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#83
tert-Butylbenzene
Concen: 0.518 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:119 Resp: 4905
Ion Ratio Lower Upper
119 100
91 72.4 28.6 85.8
134 26.9 11.6 34.8





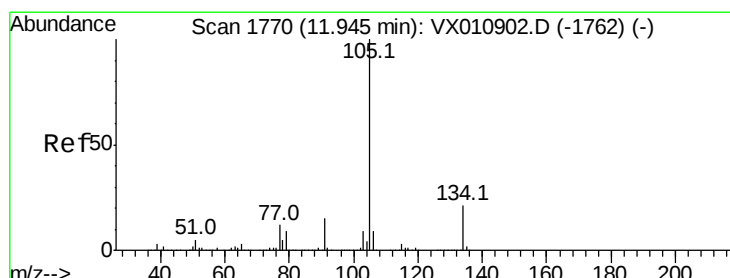
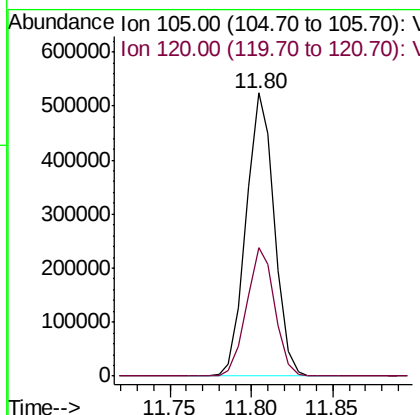
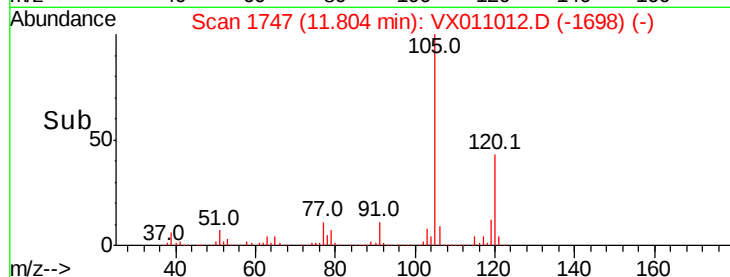
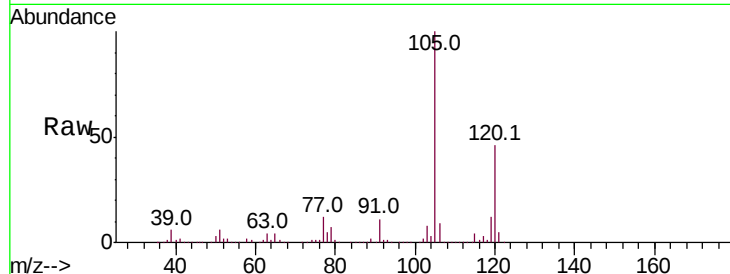
#84
1,2,4-Trimethylbenzene
Concen: 65.010 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

Tot Ion:105 Resp: 631638
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5

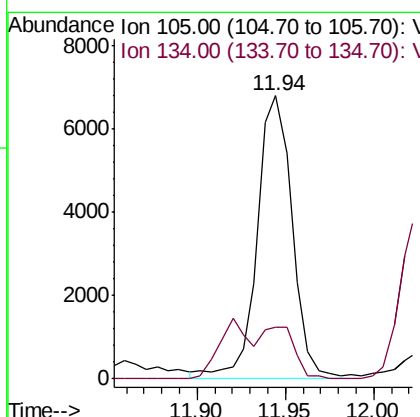
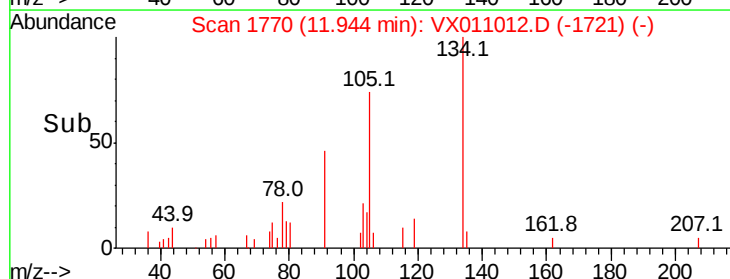
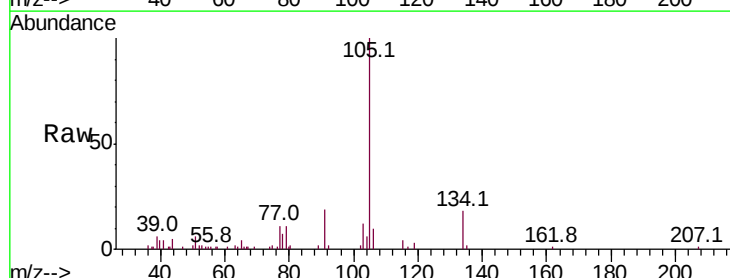
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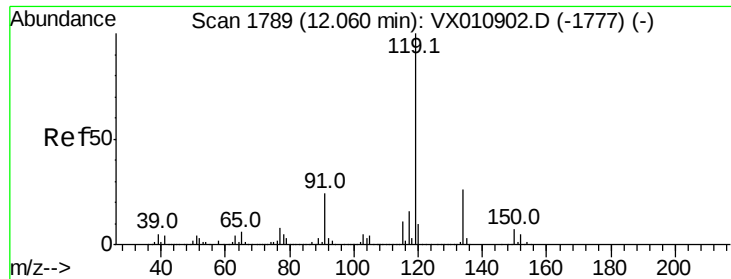
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#85
sec-Butylbenzene
Concen: 0.848 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:105 Resp: 9404
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.4#





#86

p-Isopropyltoluene

Concen: 0.914 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

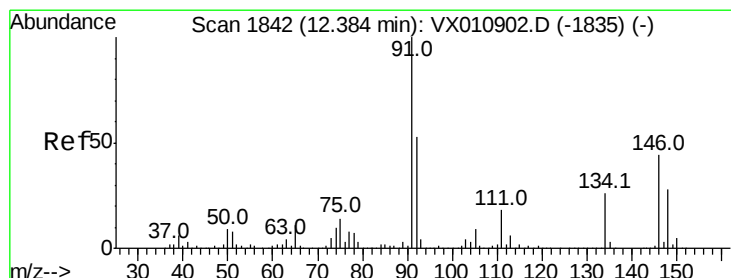
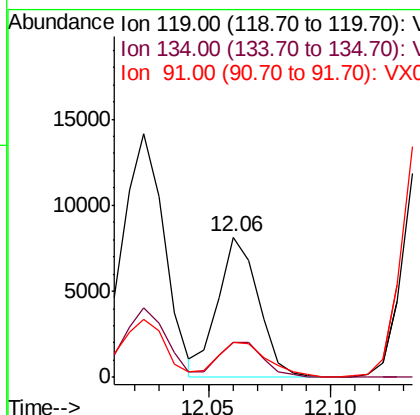
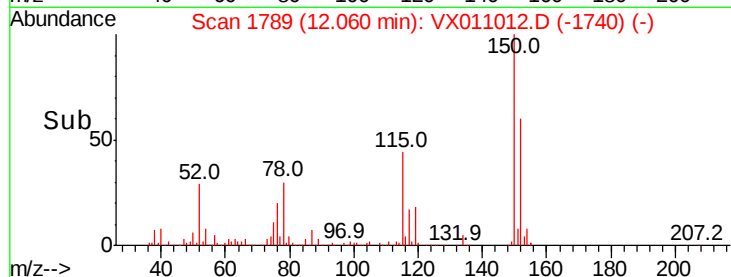
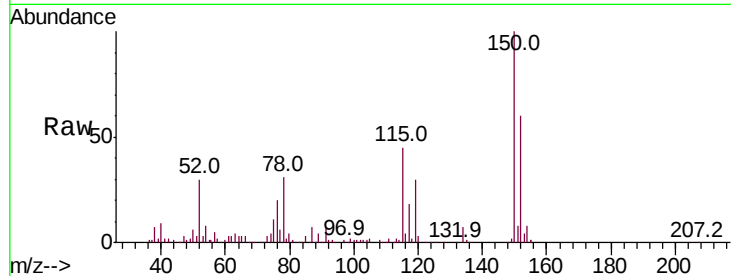
ClientSampled :

FL-0606DL

Tot Ion:	119	Resp:	9374
Ion Ratio	Lower	Upper	
119	100		
134	28.2	13.4	40.1
91	31.2	11.8	35.4

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#89

n-Butylbenzene

Concen: 2.318 ug/l

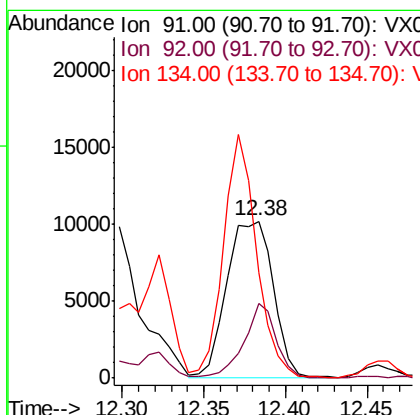
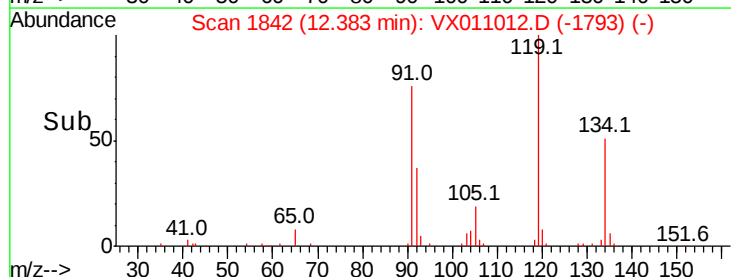
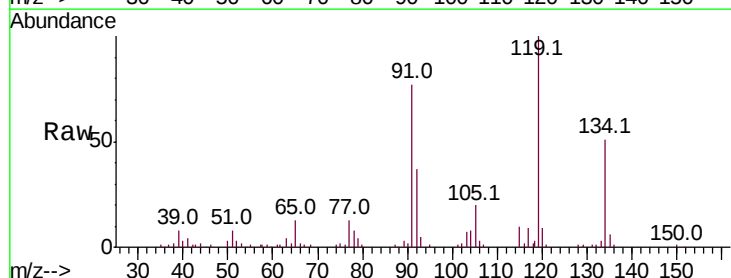
RT: 12.38 min Scan# 1842

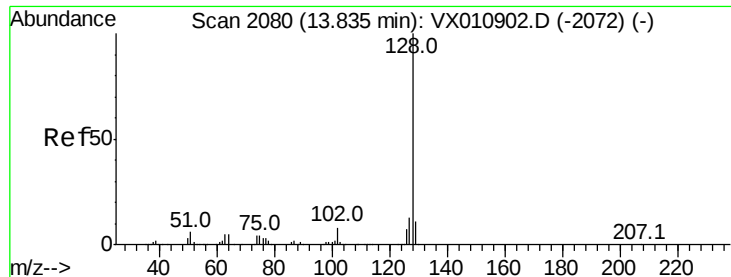
Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Tgt Ion:	91	Resp:	20343
Ion Ratio	Lower	Upper	
91	100		
92	32.7	26.2	78.5
134	110.2	13.8	41.3#





#95
Naphthalene
Concen: 9.030 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

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

Manual Integrations
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