

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010918.D
 Acq On : 16 Jul 2019 19:48
 Operator : JC/SP
 Sample : K3791-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0628

Manual Integrations
 APPROVED

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 7/17/2019 1:23:09 PM

Quant Time: Jul 17 05:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	365606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126474	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	111963	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	442026	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	157238	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	3261	2.901	ug/l	98
31) Cyclohexane	5.58	56	3089	0.914	ug/l #	81
39) Methylcyclohexane	7.47	83	3140	0.806	ug/l #	89
67) Ethyl Benzene	10.25	91	17561	1.472	ug/l	98
68) m/p-Xylenes	10.36	106	20435	4.465	ug/l	99
69) o-Xylene	10.69	106	1990	0.446	ug/l	96
73) Isopropylbenzene	11.02	105	5184	0.471	ug/l	96
78) n-propylbenzene	11.36	91	9443	0.777	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	6101	0.664	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	45882	4.953	ug/l	97
85) sec-Butylbenzene	11.94	105	4489	0.424	ug/l	86
86) p-Isopropyltoluene	12.06	119	4457m	0.456	ug/l	
95) Naphthalene	13.83	128	12280	1.176	ug/l #	91

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

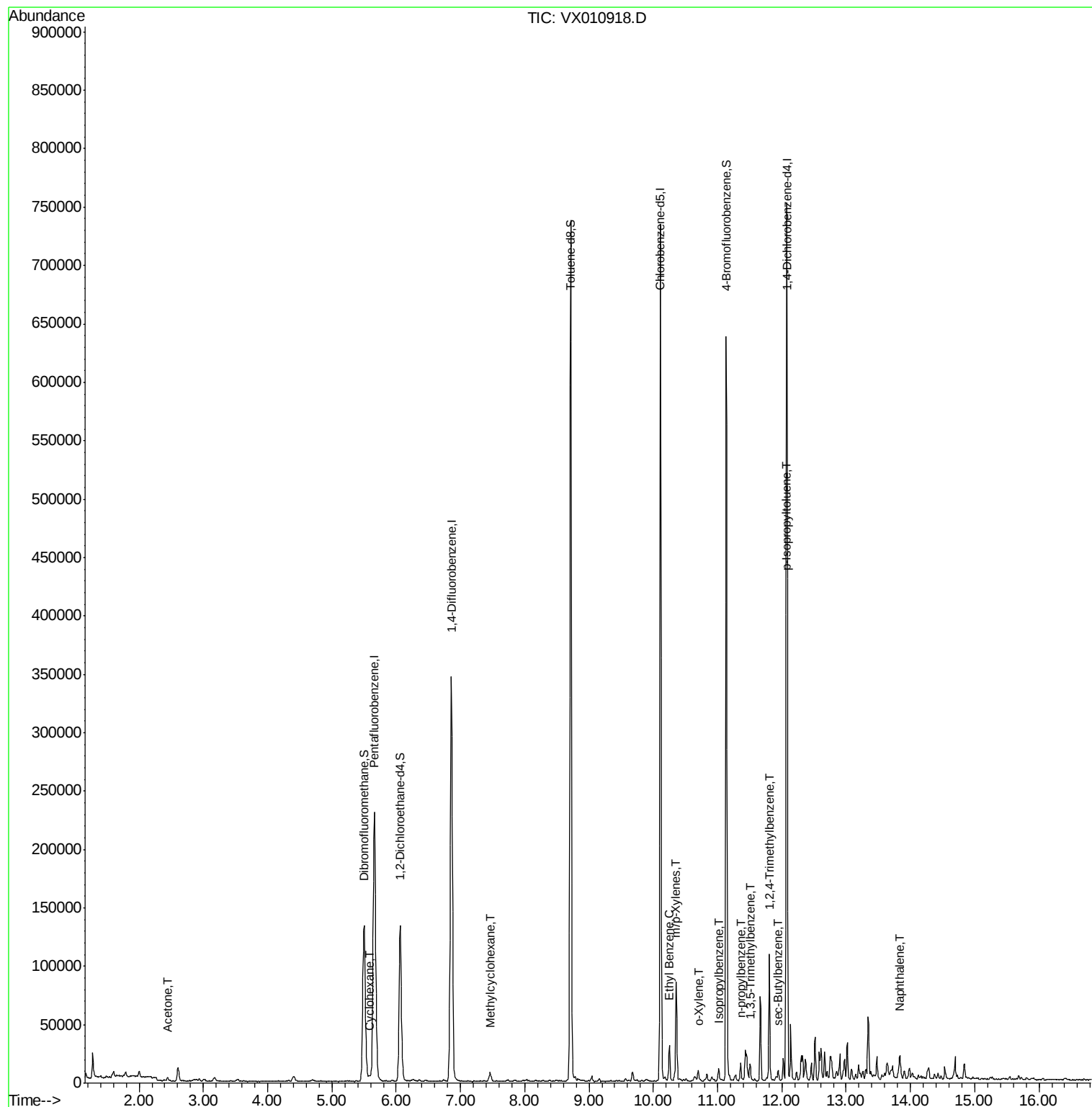
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
Data File : VX010918.D
Acq On : 16 Jul 2019 19:48
Operator : JC/SP
Sample : K3791-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

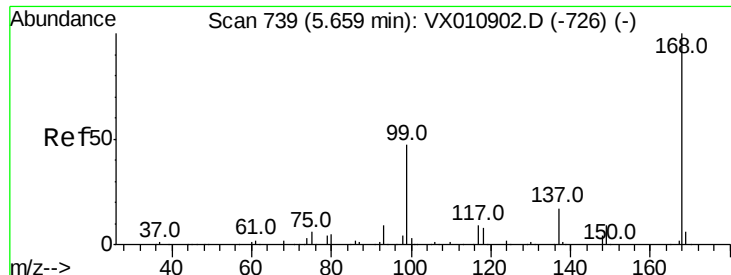
Instrument :
MSVOA_X
ClientSampleId :
FL-0628

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7/17/2019 1:23:09 PM

Quant Time: Jul 17 05:46:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:37:55 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: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

ClientSampled :

FL-0628

Tot Ion:168 Resp: 233973

Ion Ratio Lower Upper

168 100

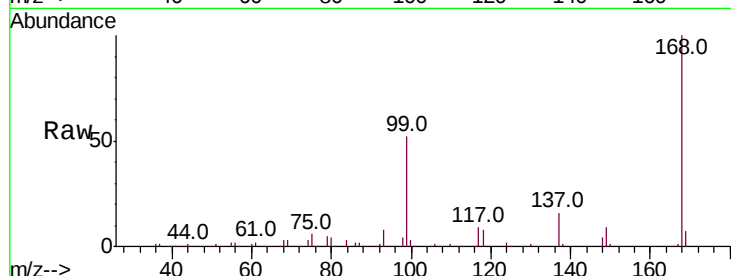
99 51.6 37.6 56.4

Manual Integrations

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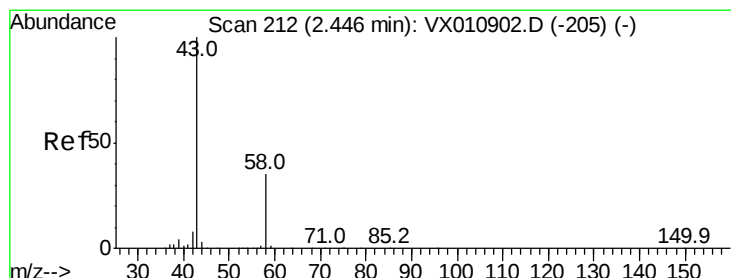
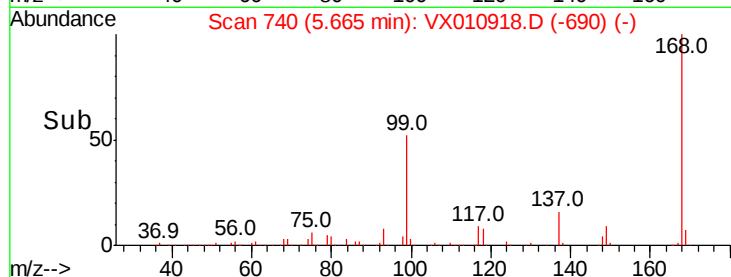
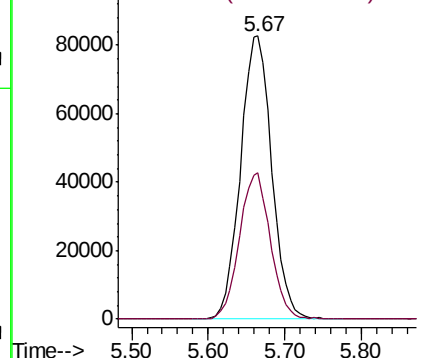
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.901 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010918.D

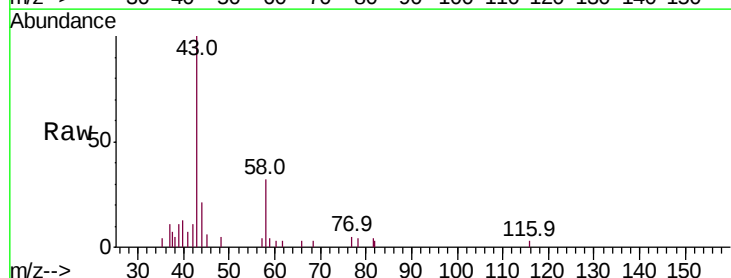
Acq: 16 Jul 2019 19:48

Tgt Ion: 43 Resp: 3261

Ion Ratio Lower Upper

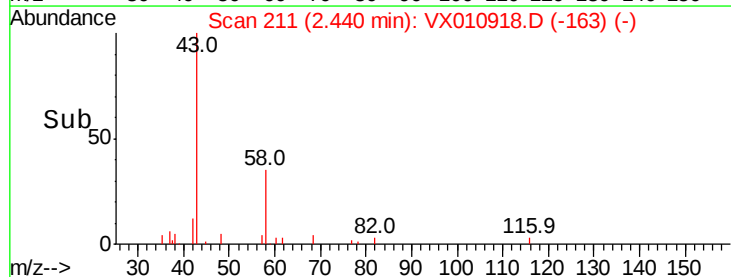
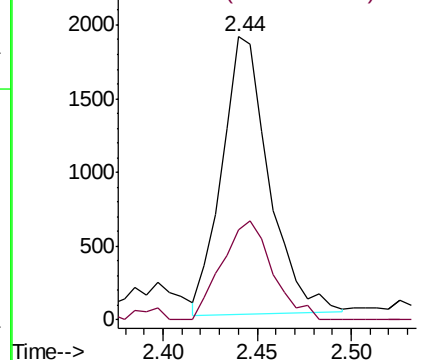
43 100

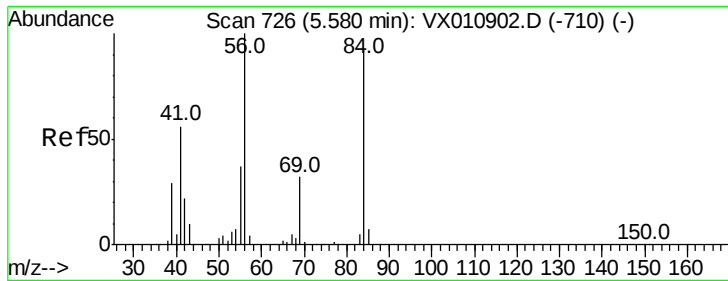
58 33.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





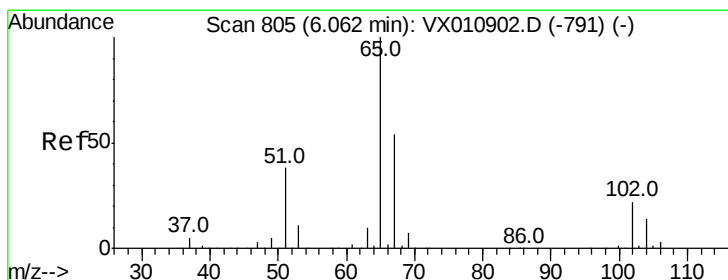
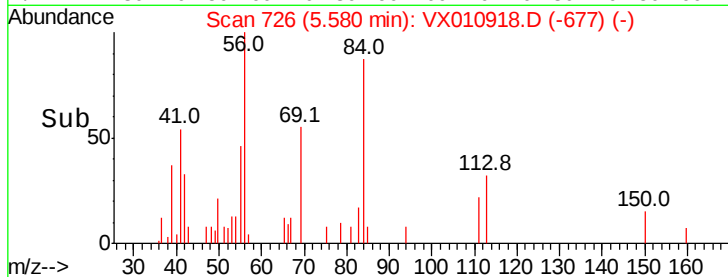
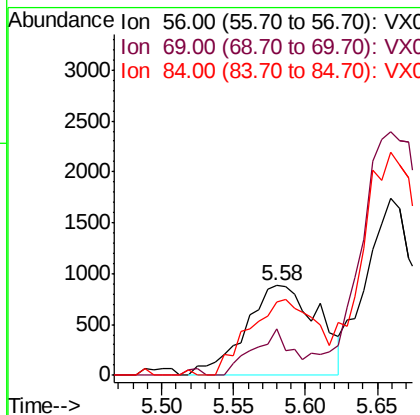
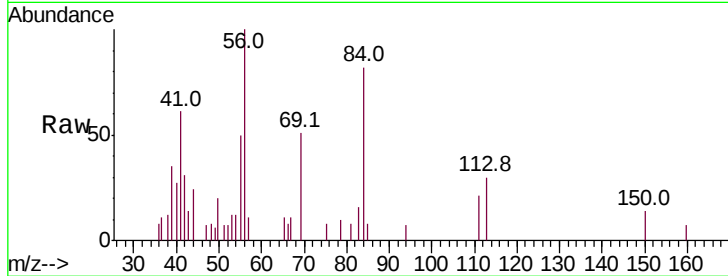
#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tot Ion: 56 Resp: 3089
Ion Ratio Lower Upper
56 100
69 45.2 25.8 38.8#
84 75.6 73.8 110.6

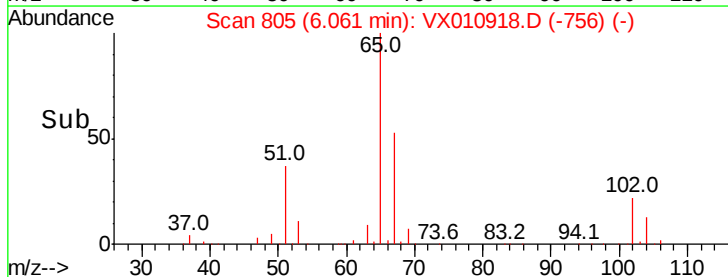
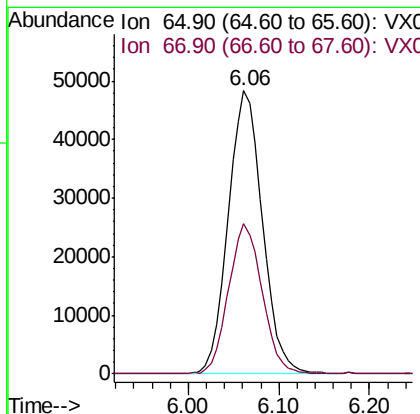
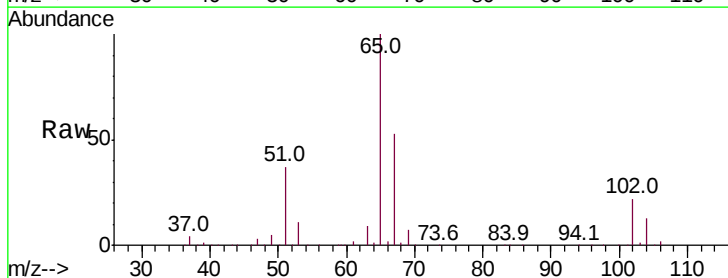
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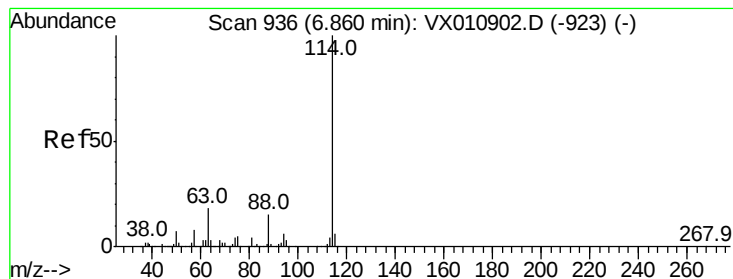
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#33
1,2-Dichloroethane-d4
Concen: 50.811 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Tgt Ion: 65 Resp: 126474
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

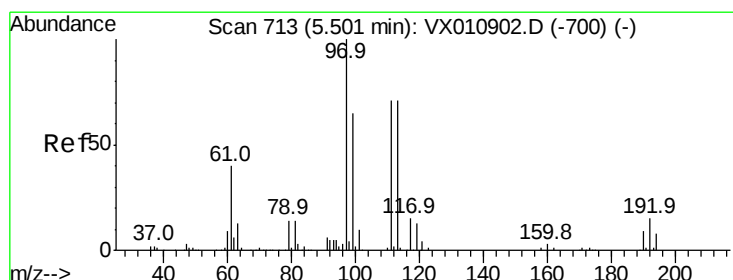
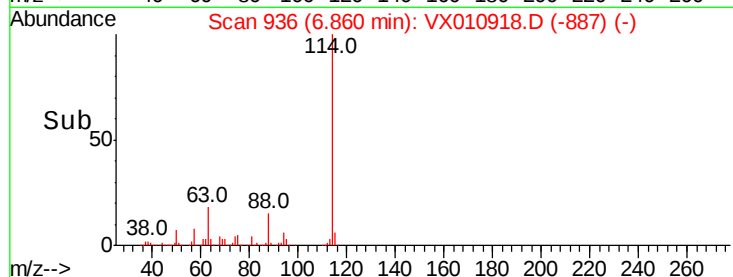
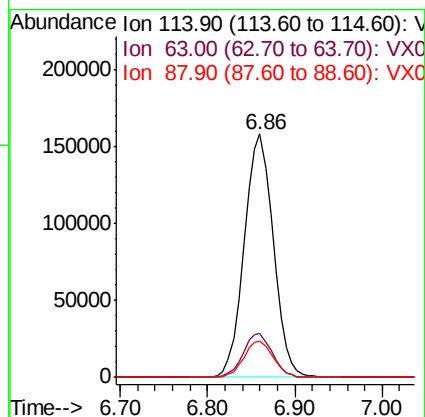
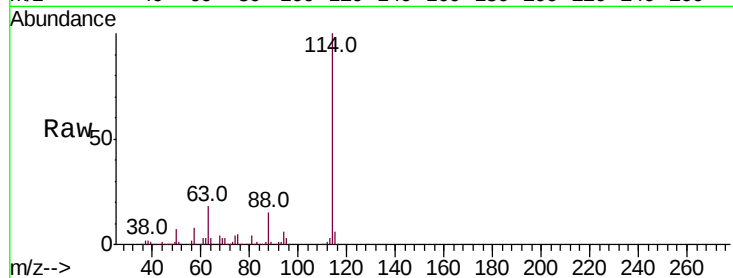
ClientSampleId :

FL-0628

Tot Ion	Ratio	Resp	Lower	Upper
114	100	365606		
63	17.9	0.0	35.6	
88	14.8	0.0	29.8	

Manual Integrations
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#35

Dibromofluoromethane

Concen: 48.248 ug/l

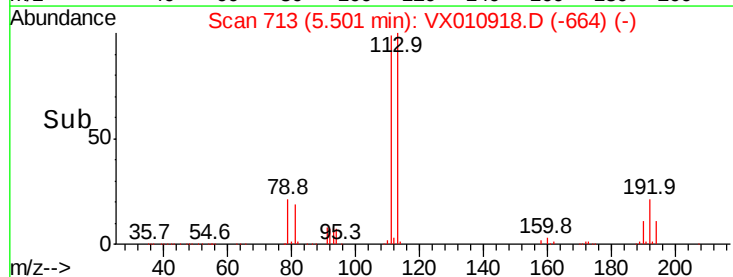
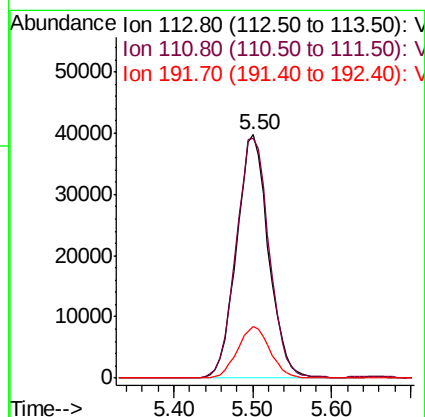
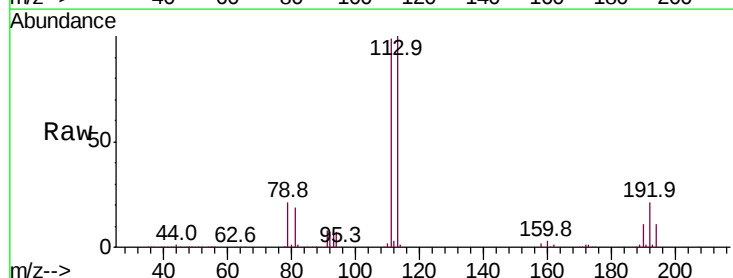
RT: 5.50 min Scan# 713

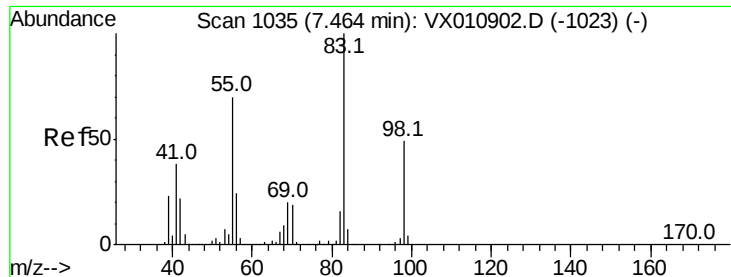
Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	111963		
111	102.1	82.3	123.5	
192	21.6	17.4	26.2	





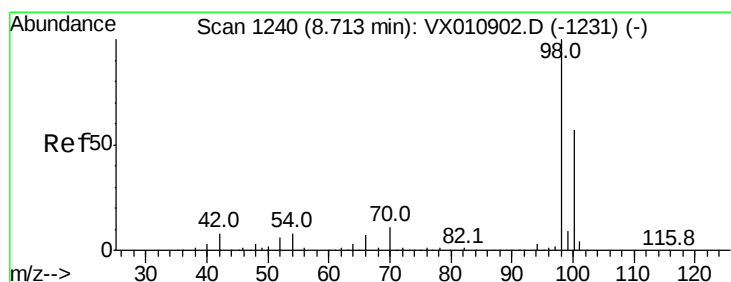
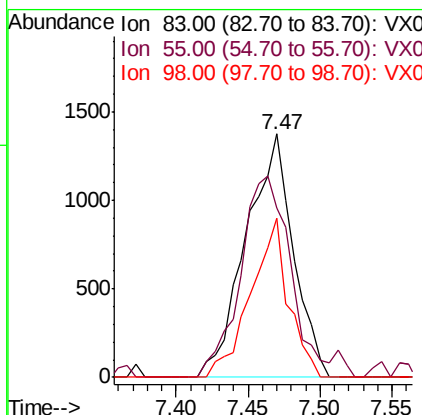
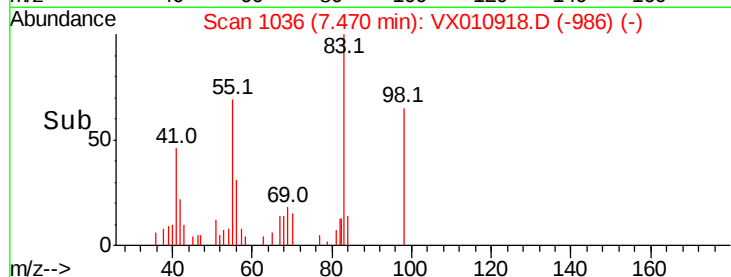
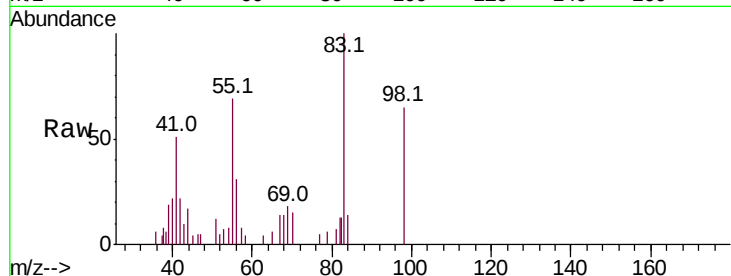
#39
Methvlcvclohexane
Concen: 0.806 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.3	56.2	84.4
98	65.3	39.0	58.4#

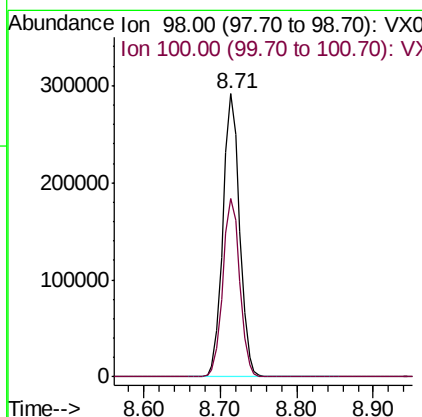
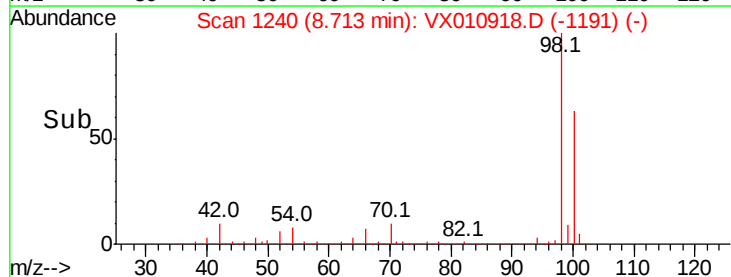
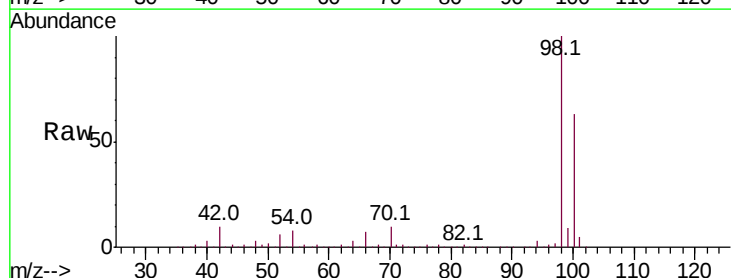
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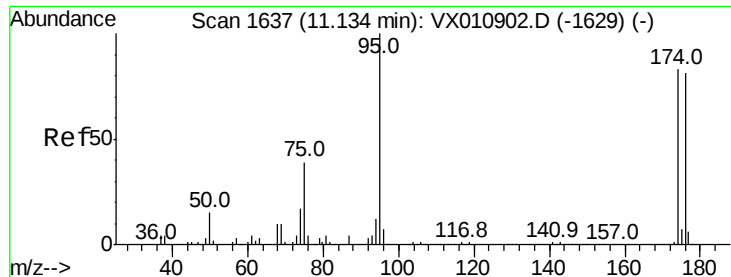
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#50
Toluene-d8
Concen: 50.786 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8





#62

4-Bromofluorobenzene

Concen: 49.149 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion: 95 Resp: 157238

Ion Ratio Lower Upper

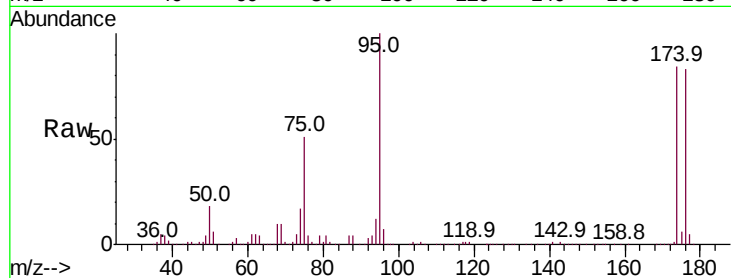
95 100

174 89.4 0.0 180.6

176 87.0 0.0 173.8

Manual Integrations
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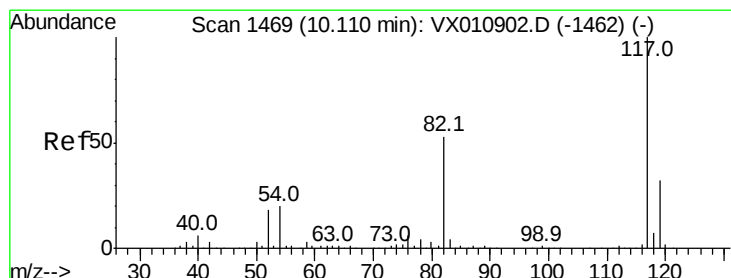
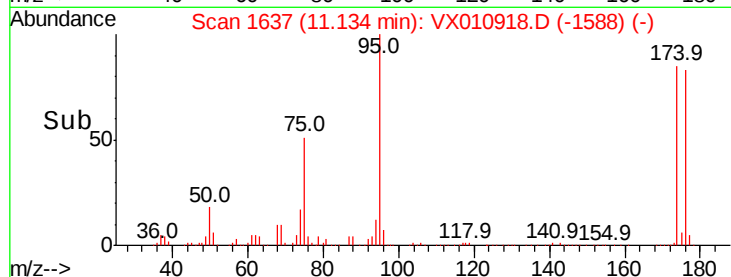
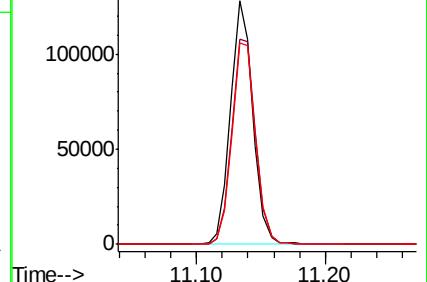
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Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

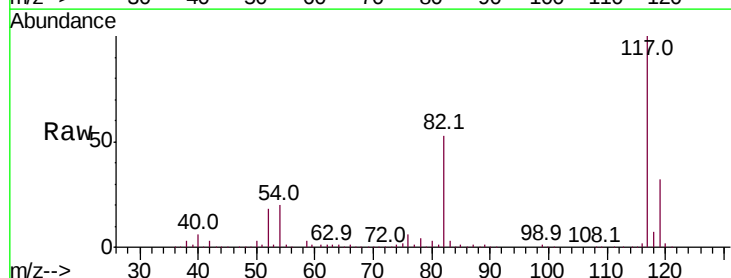
Tgt Ion: 117 Resp: 341293

Ion Ratio Lower Upper

117 100

82 52.6 42.6 63.8

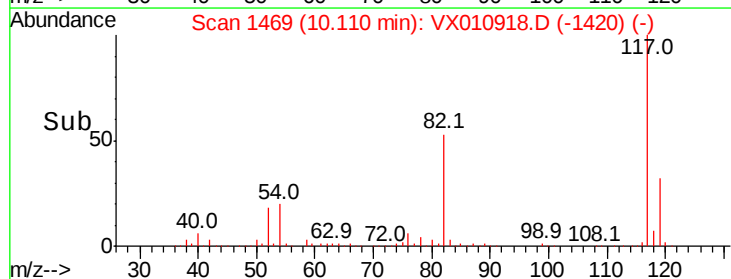
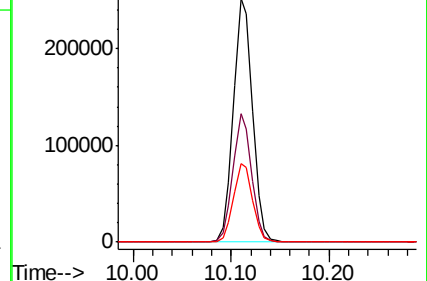
119 32.5 25.9 38.9

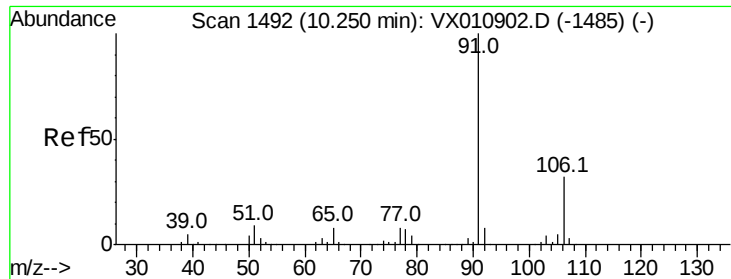


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)





#67

Ethyl Benzene

Concen: 1.472 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion: 91 Resp: 17561

Ion Ratio Lower Upper

91 100

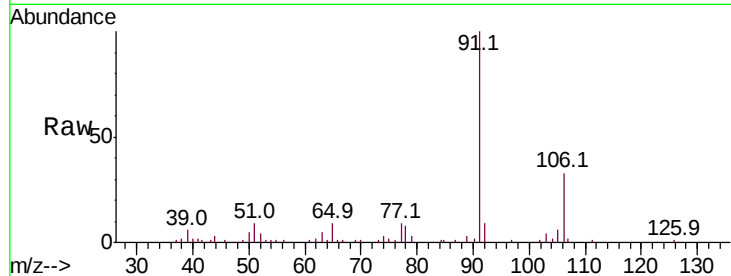
106 32.9 25.4 38.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX010902.D (-1485) (-)

30000

25000

20000

15000

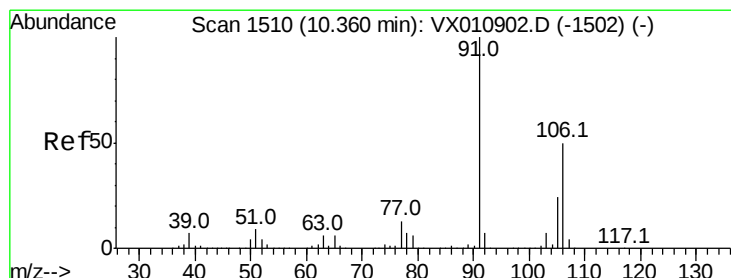
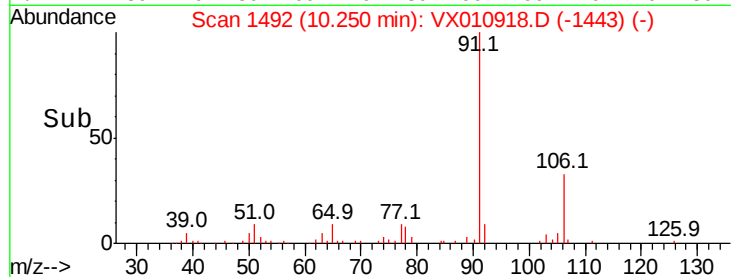
10000

5000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 4.465 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010918.D

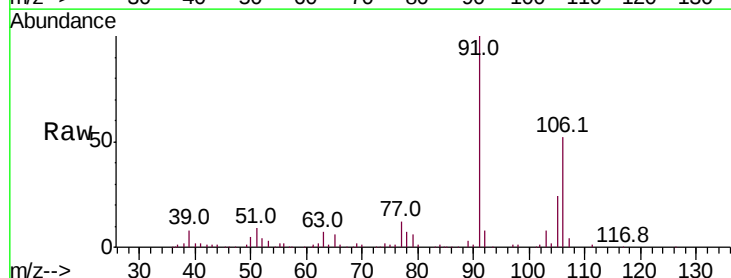
Acq: 16 Jul 2019 19:48

Tgt Ion: 106 Resp: 20435

Ion Ratio Lower Upper

106 100

91 201.5 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): VX010902.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX010902.D (-1502) (-)

30000

25000

20000

15000

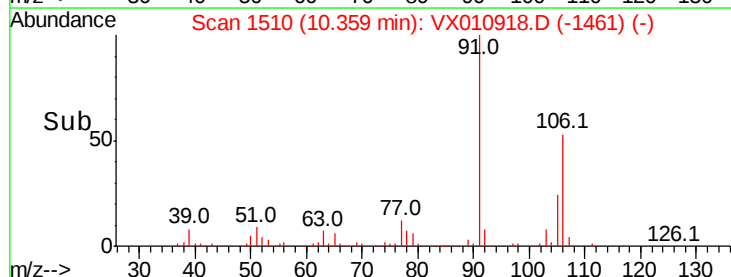
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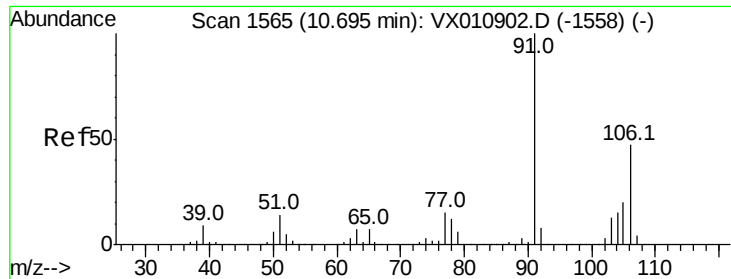
5000

0

10.30 10.35 10.40

Time-->





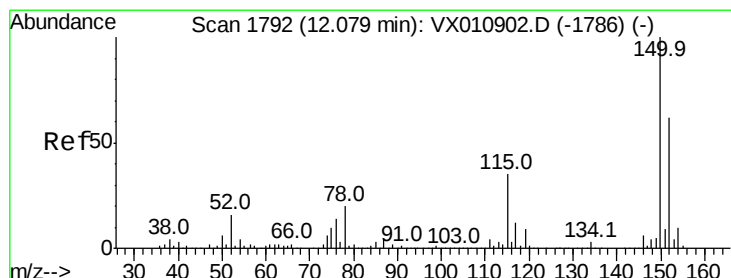
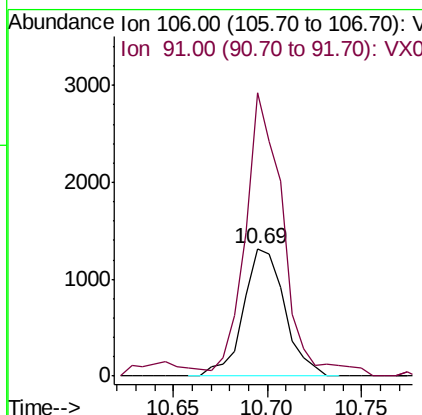
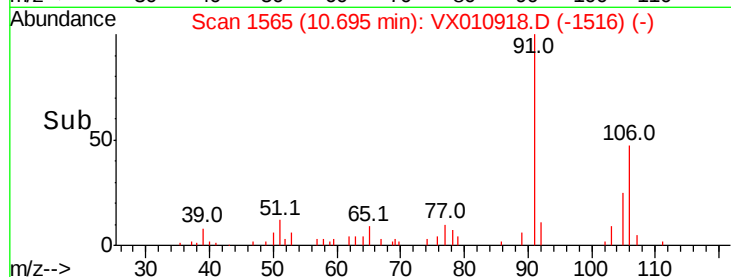
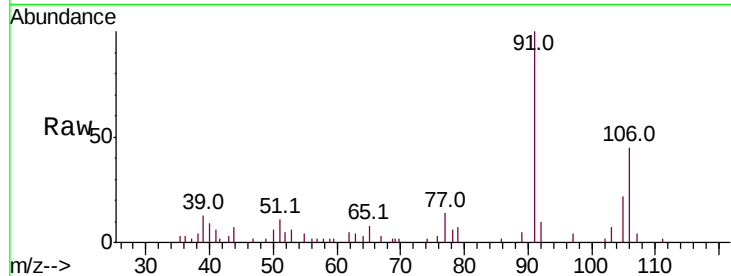
#69
o-Xylene
Concen: 0.446 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Instrument :
MSVOA_X
ClientSampled :
FL-0628

Tot Ion:106 Resp: 1990
Ion Ratio Lower Upper
106 100
91 204.4 105.1 315.3

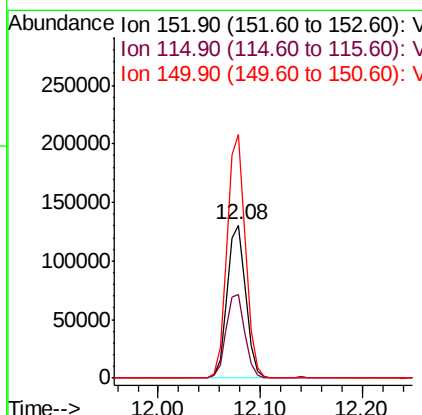
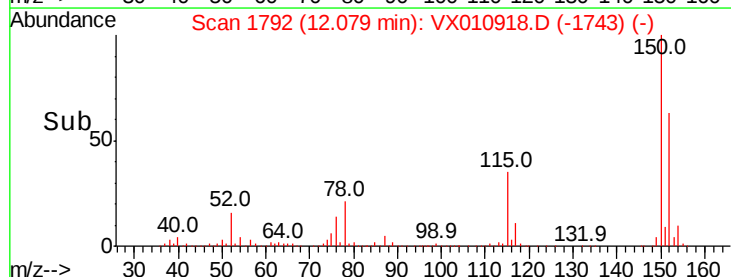
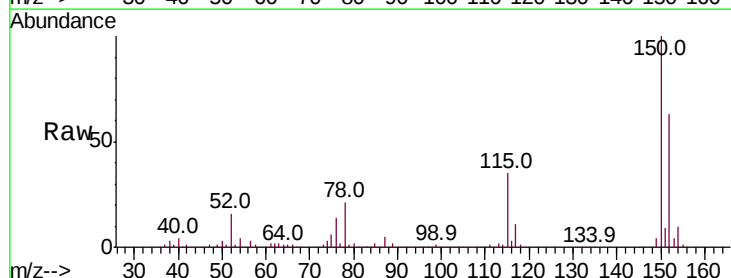
Manual Integrations
APPROVED

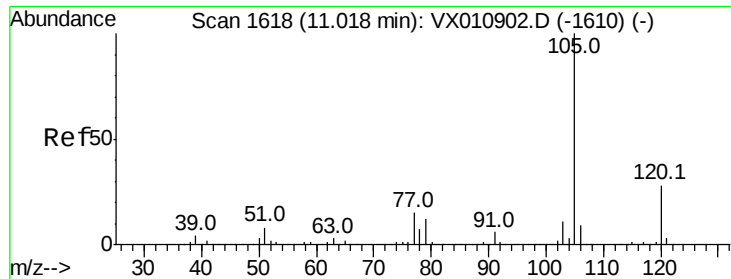
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Tgt Ion:152 Resp: 162786
Ion Ratio Lower Upper
152 100
115 55.7 39.7 119.1
150 157.4 0.0 345.6





#73

Isopropylbenzene

Concen: 0.471 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion:105 Resp: 5184

Ion Ratio Lower Upper

105 100

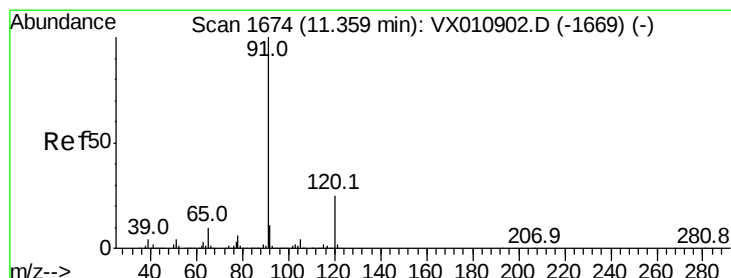
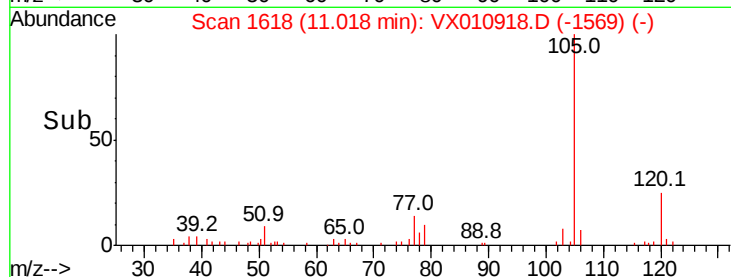
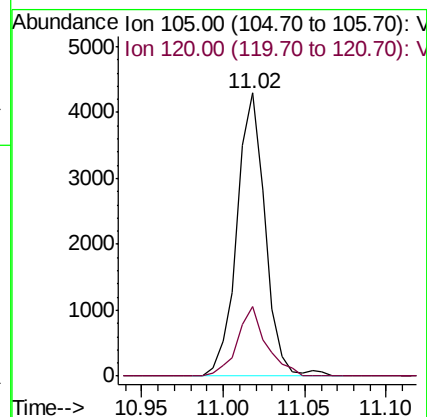
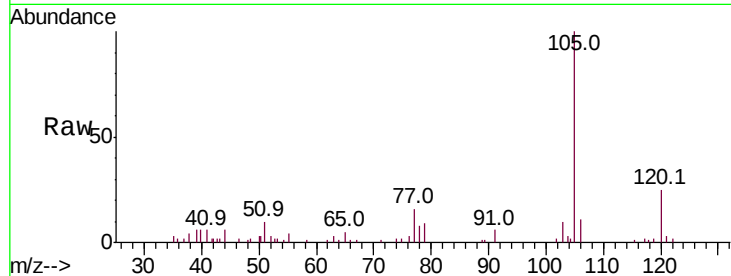
120 25.1 13.7 41.1

Manual Integrations

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#78

n-propylbenzene

Concen: 0.777 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010918.D

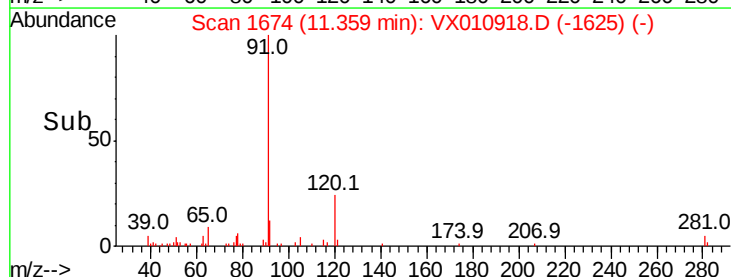
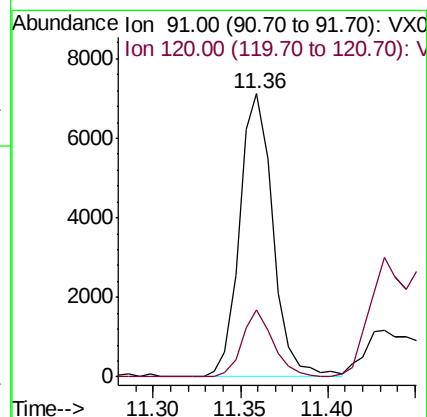
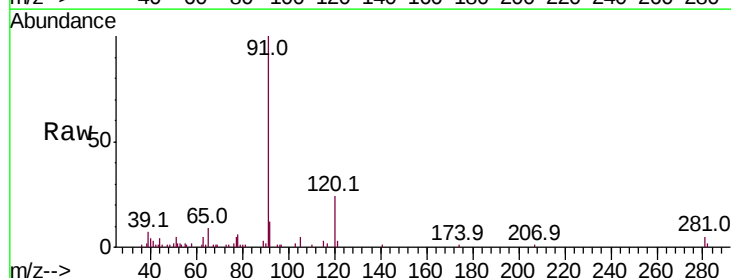
Acq: 16 Jul 2019 19:48

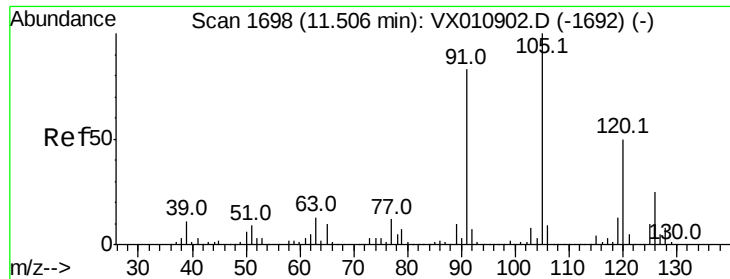
Tgt Ion: 91 Resp: 9443

Ion Ratio Lower Upper

91 100

120 21.8 12.3 36.8





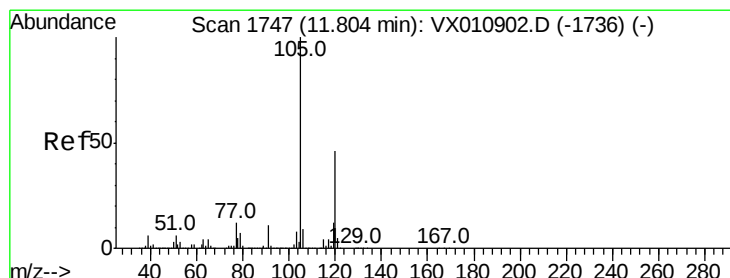
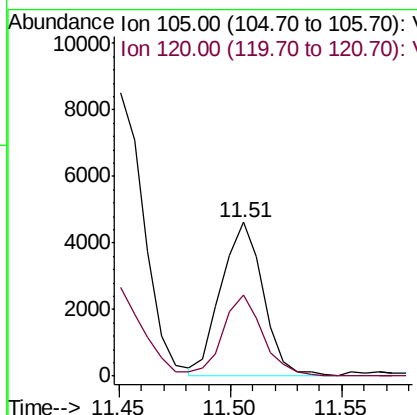
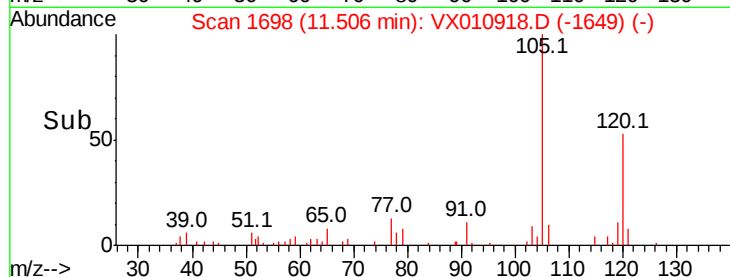
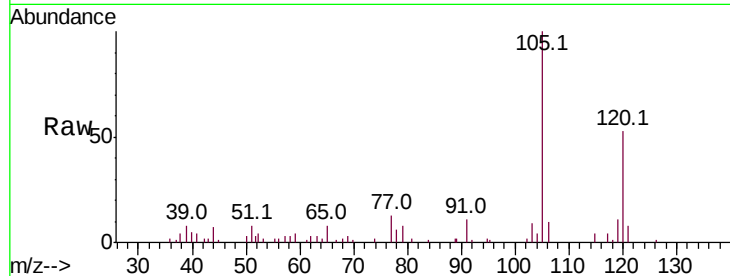
#80
 1,3,5-Trimethylbenzene
 Concen: 0.664 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010918.D
 Acq: 16 Jul 2019 19:48

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0628

Tot Ion:105 Resp: 6101
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.8

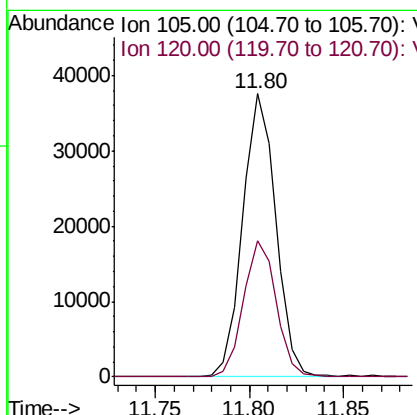
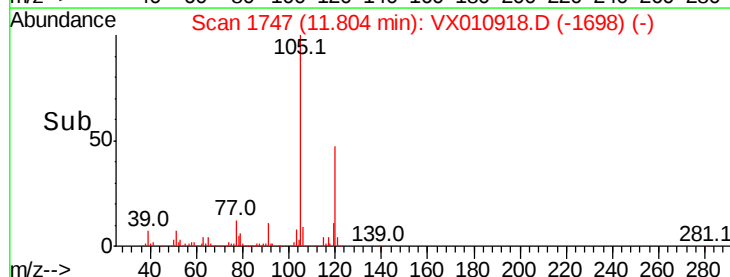
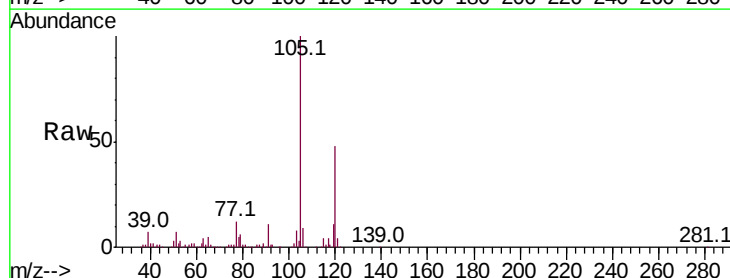
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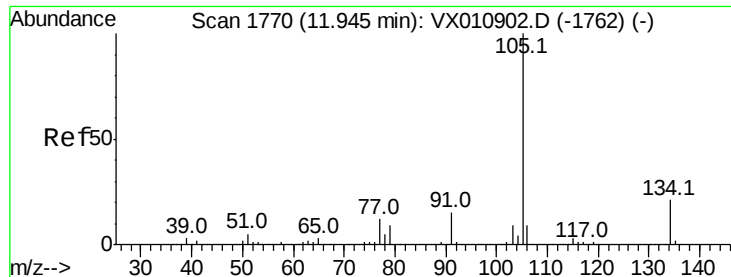
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.953 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010918.D
 Acq: 16 Jul 2019 19:48

Tgt Ion:105 Resp: 45882
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 0.424 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion:105 Resp: 4489

Ion Ratio Lower Upper

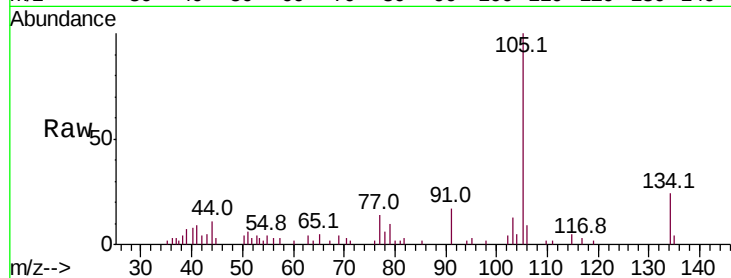
105 100

134 27.3 10.4 31.4

Manual Integrations
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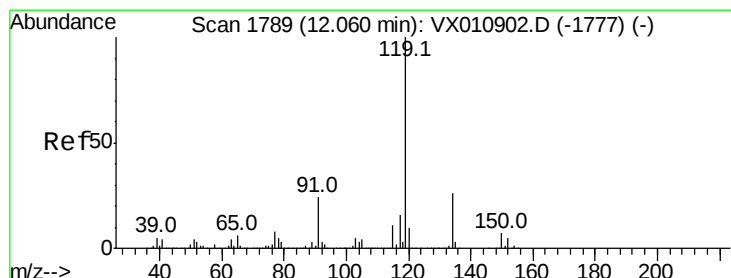
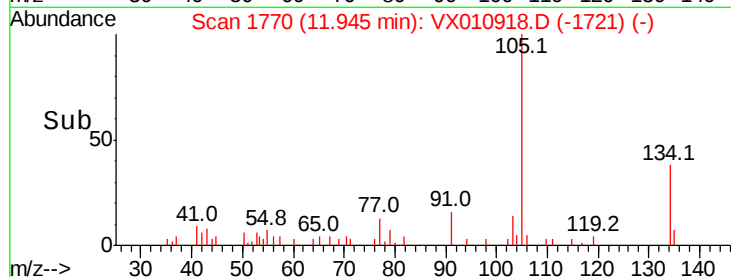
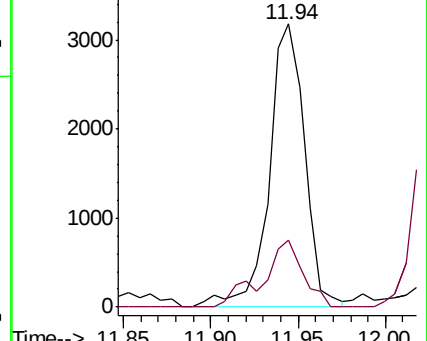
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.456 ug/l m

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010918.D

Acq: 16 Jul 2019 19:48

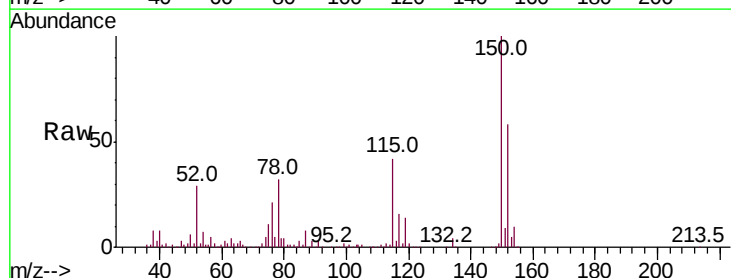
Tgt Ion:119 Resp: 4457

Ion Ratio Lower Upper

119 100

134 53.0 13.4 40.1#

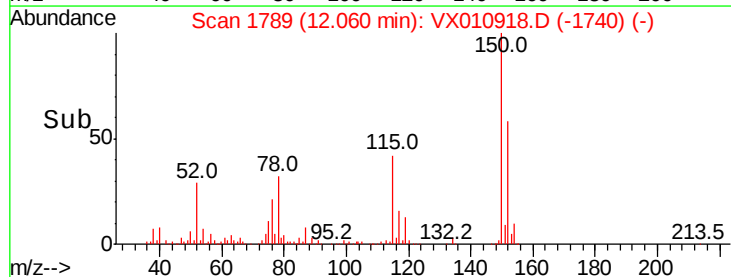
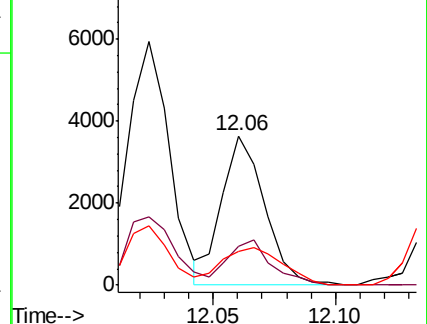
91 41.5 11.8 35.4#

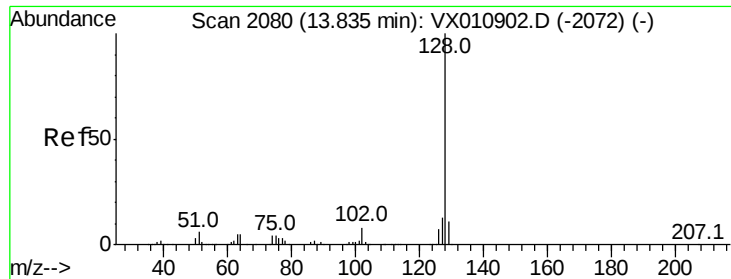


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#95
Naphthalene
Concen: 1.176 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010918.D
Acq: 16 Jul 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	15.5	10.4	15.6
129	15.4	8.9	13.3

Manual Integrations
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