

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006839.D
 Acq On : 27 Dec 2018 13:49
 Operator : JC/MD
 Sample : J6571-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50087

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:28:10 AM

Quant Time: Dec 28 11:02:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	719497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1052115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	968511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	502178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350034	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
35) Dibromofluoromethane	5.51	113	308887	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	1243122	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	458548	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	31184	8.753	ug/l	100
20) Methylene Chloride	2.86	84	4287	0.582	ug/l #	86
25) 2-Butanone	4.70	43	12358	2.466	ug/l	91
31) Cyclohexane	5.58	56	73873	6.881	ug/l	93
39) Methylcyclohexane	7.46	83	85316	7.437	ug/l	97
52) Toluene	8.79	92	43639	2.550	ug/l	96
67) Ethyl Benzene	10.25	91	1117210	33.368	ug/l	98
68) m/p-Xylenes	10.36	106	1277083	96.663	ug/l	100
69) o-Xylene	10.70	106	126769	9.717	ug/l	98
73) Isopropylbenzene	11.02	105	84605	2.463	ug/l	100
78) n-propylbenzene	11.36	91	376427	9.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	638318	22.558	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	2495184	83.833	ug/l	99
85) sec-Butylbenzene	11.94	105	20902m	0.602	ug/l	
95) Naphthalene	13.83	128	2231257	60.524	ug/l	99

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

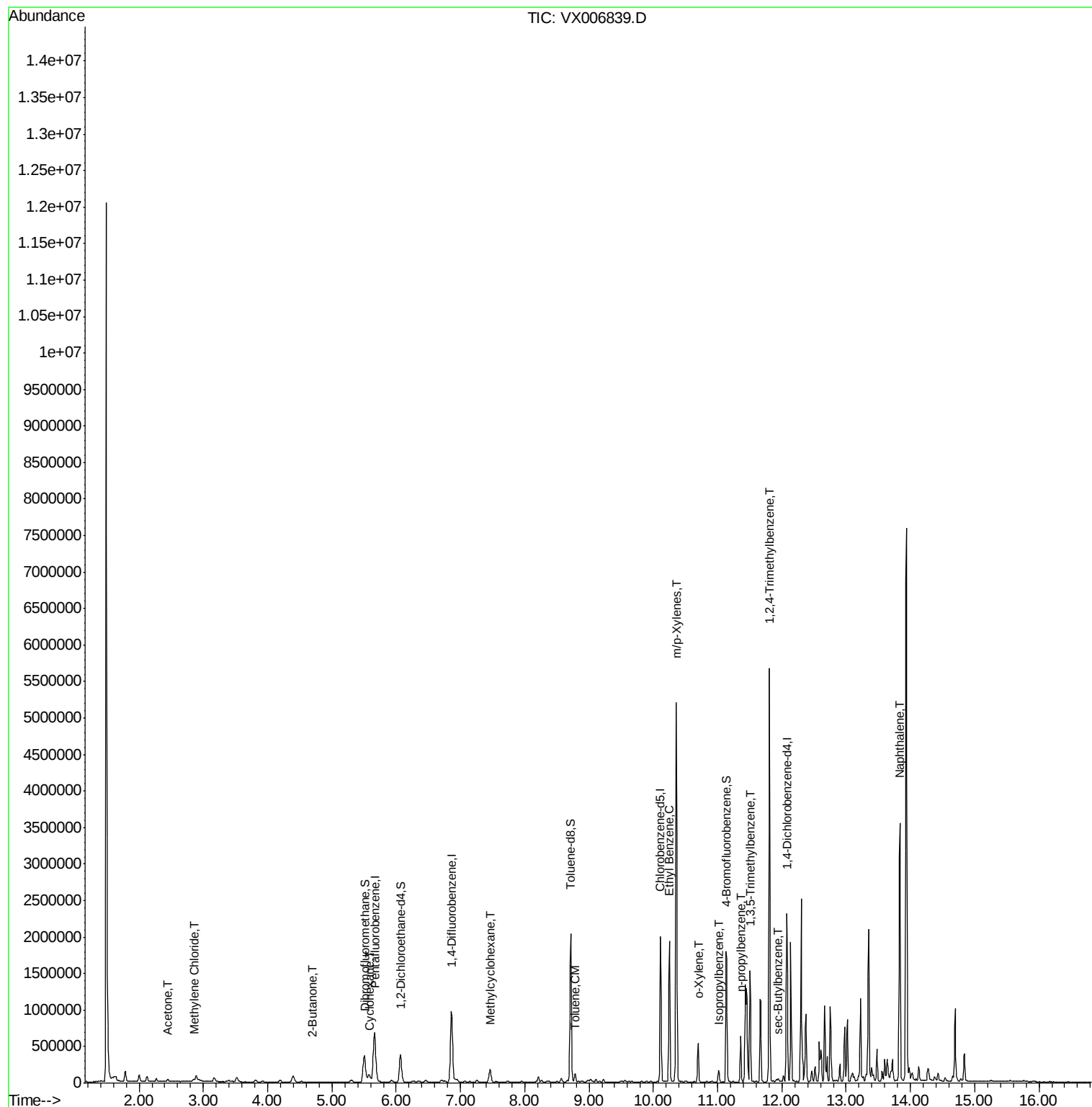
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122718\
Data File : VX006839.D
Acq On : 27 Dec 2018 13:49
Operator : JC/MD
Sample : J6571-09DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

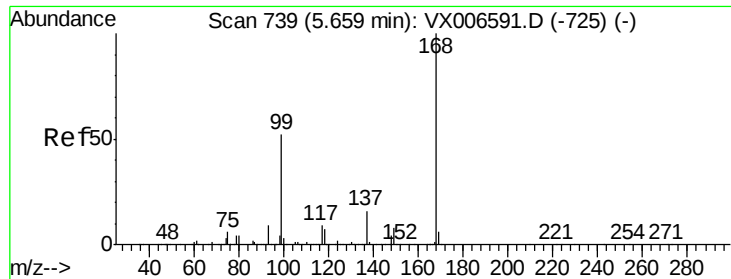
Instrument :
MSVOA_X
ClientSampleId :
50087

Manual Integrations
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12/28/2018 10:28:10 AM

Quant Time: Dec 28 11:02:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

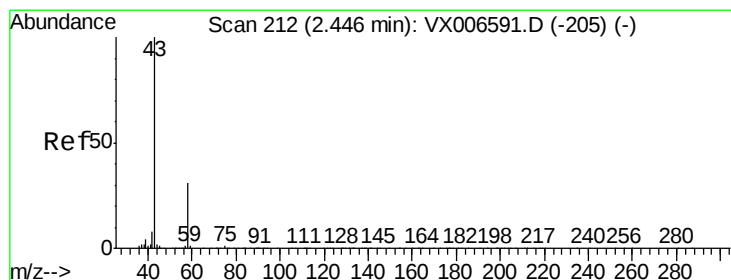
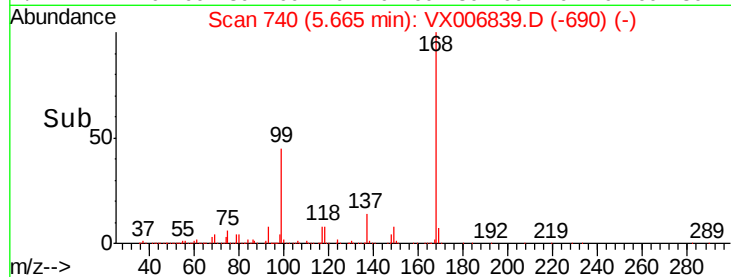
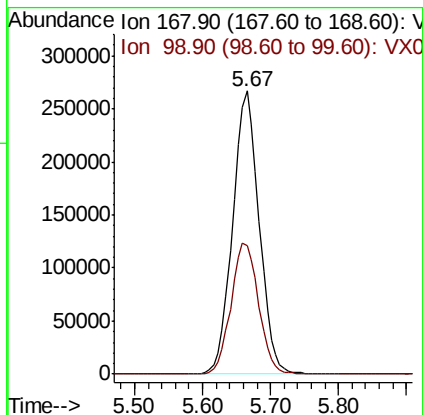
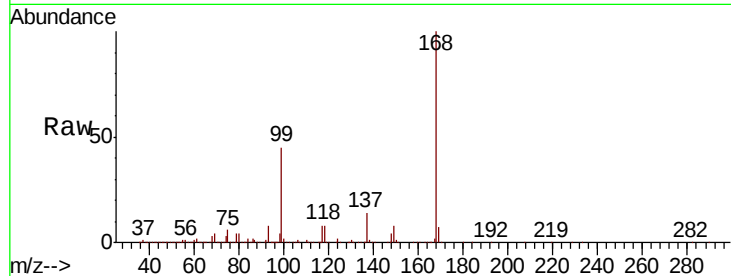
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

Instrument :
 MSVOA_X
 ClientSampleId :
 50087

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.4	41.8	62.8

Manual Integrations
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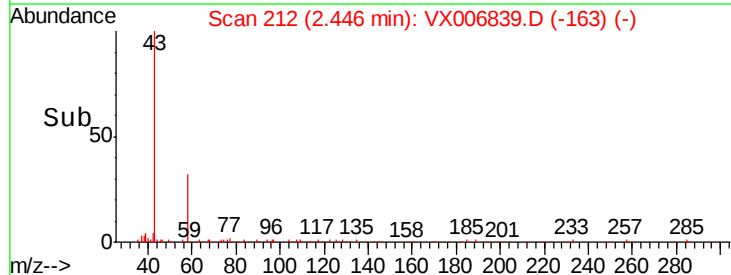
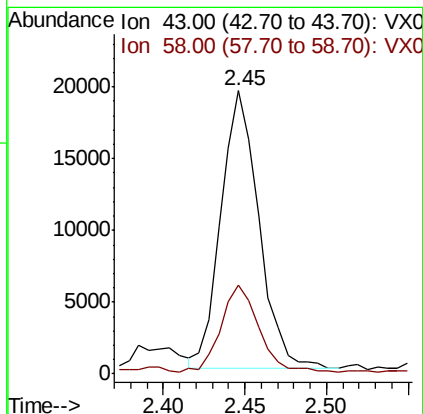
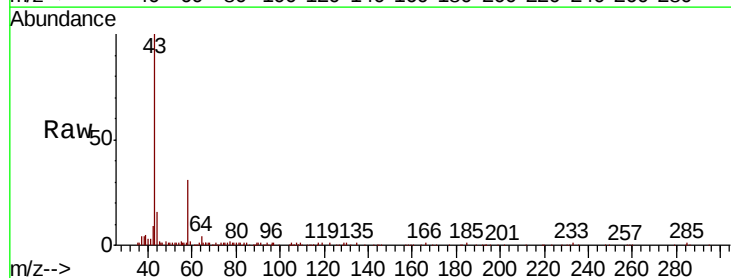
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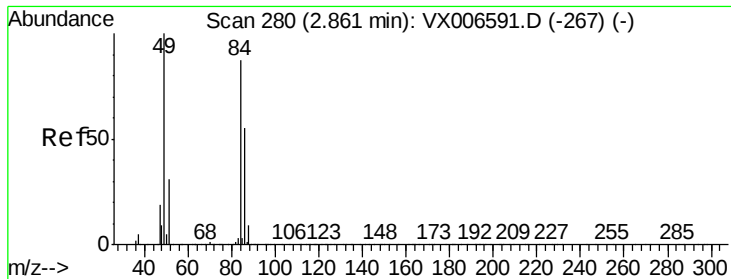


#16

Acetone
 Concen: 8.753 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.0	37.6





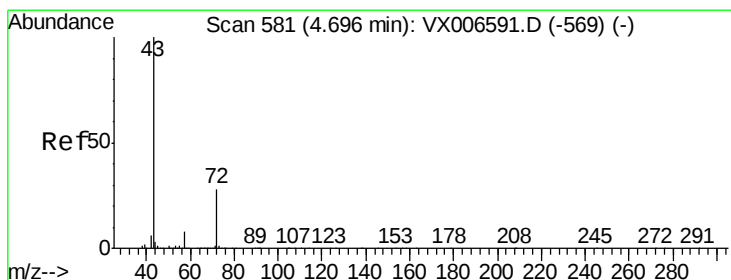
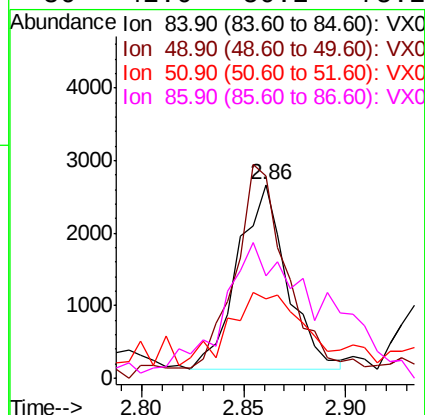
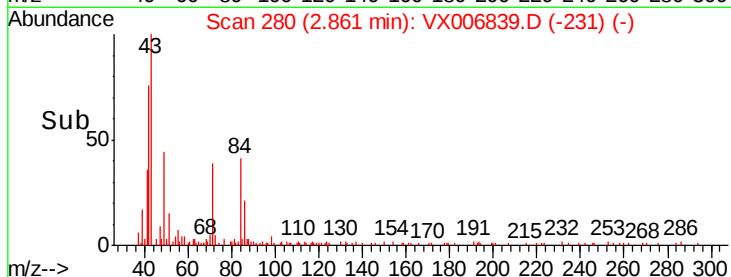
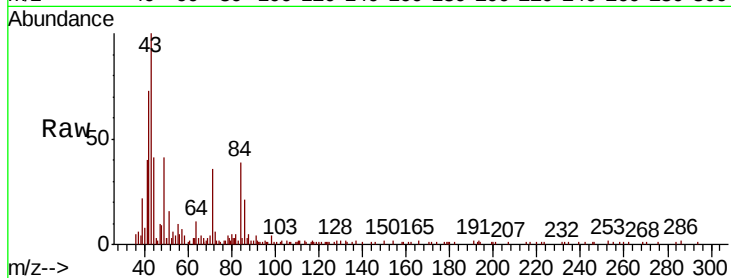
#20
Methvlene Chloride
Concen: 0.582 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampled :
50087

Tot Ion:	84	Resp:	4287
Ion	Ratio	Lower	Upper
84	100		
49	103.9	91.8	137.6
51	32.2	28.5	42.7
86	42.0	50.2	75.2#

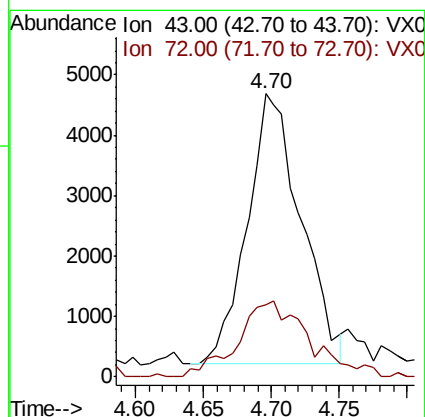
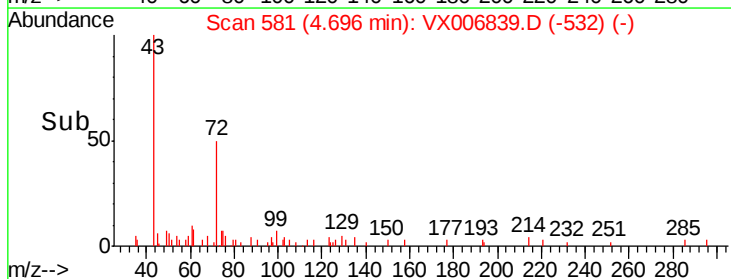
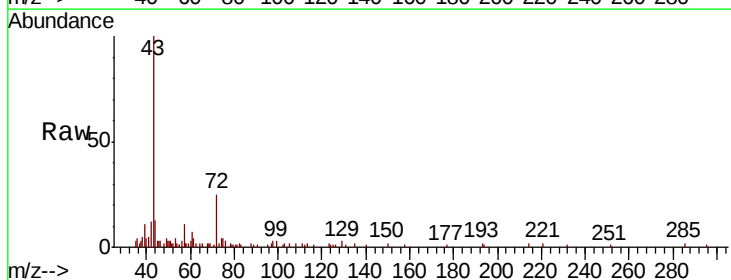
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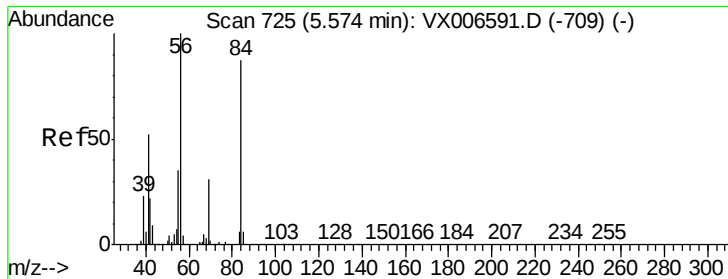
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#25
2-Butanone
Concen: 2.466 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion:	43	Resp:	12358
Ion	Ratio	Lower	Upper
43	100		
72	23.4	22.4	33.6





#31

Cyclohexane

Concen: 6.881 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

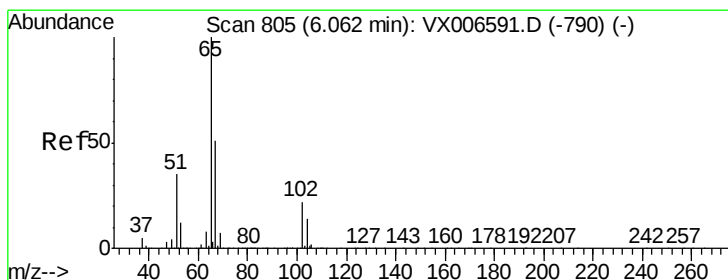
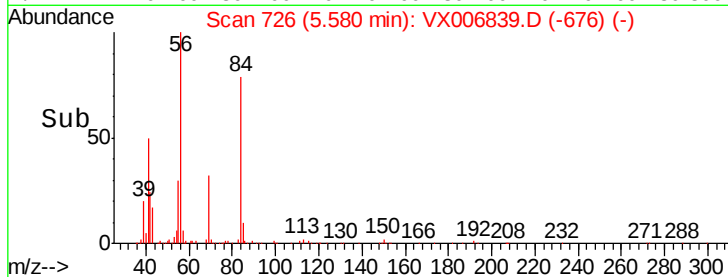
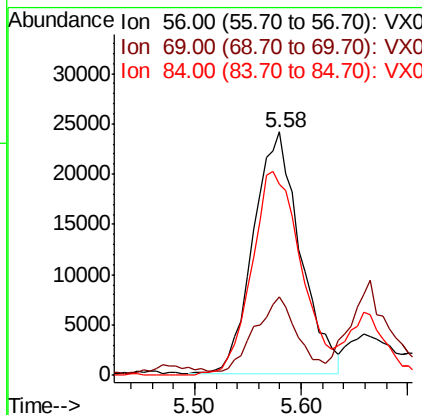
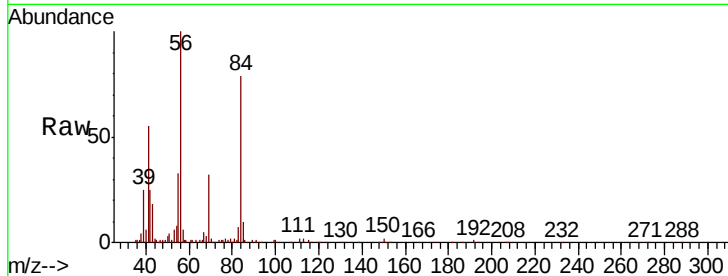
ClientSampleId :

50087

Tot Ion:	56	Resp:	73873
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.4	36.6
84	79.2	70.0	105.0

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#33

1,2-Dichloroethane-d4

Concen: 45.140 ug/l

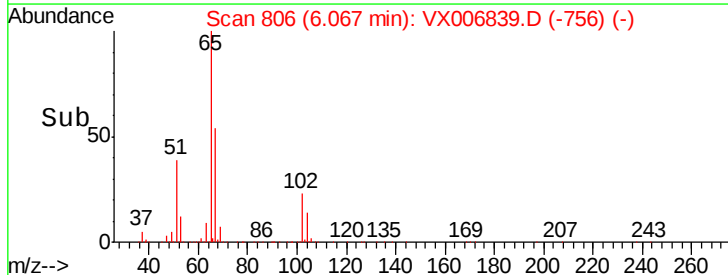
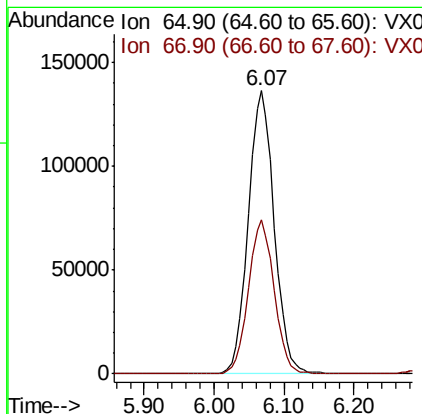
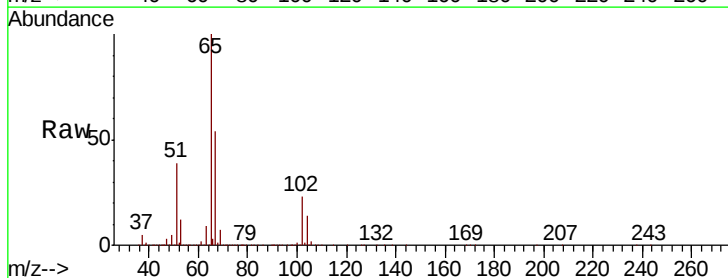
RT: 6.07 min Scan# 806

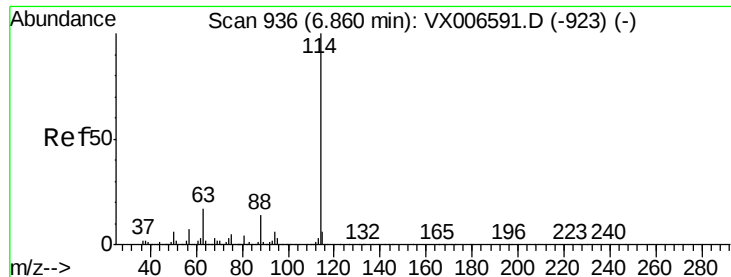
Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Tgt Ion:	65	Resp:	350034
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

50087

Tot Ion:114 Resp: 1052115

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

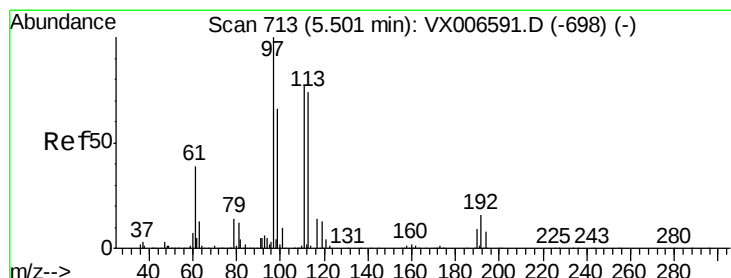
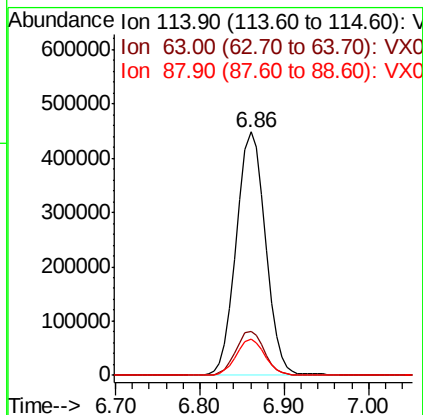
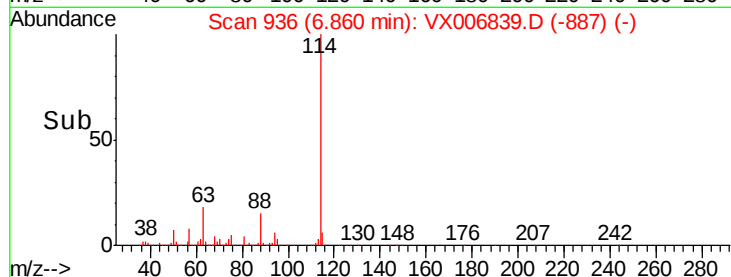
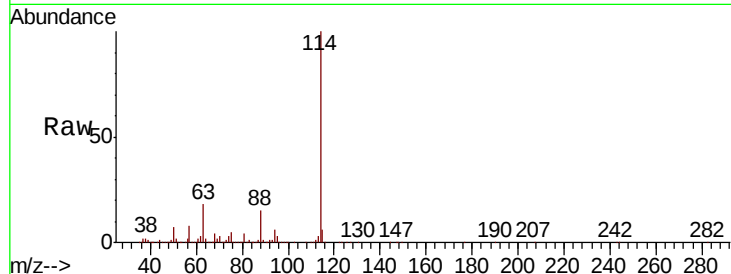
88 15.1 0.0 28.8

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#35

Dibromofluoromethane

Concen: 46.426 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

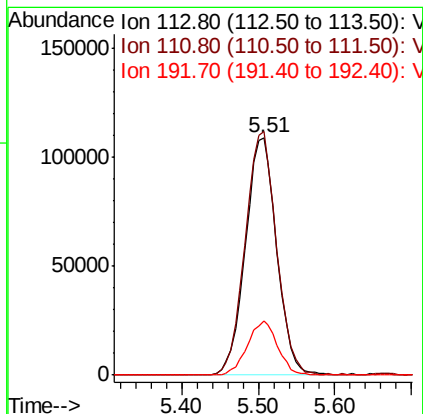
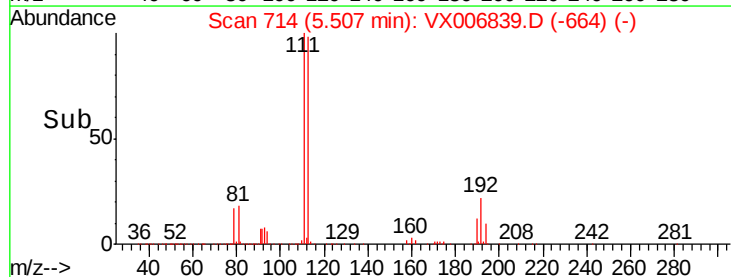
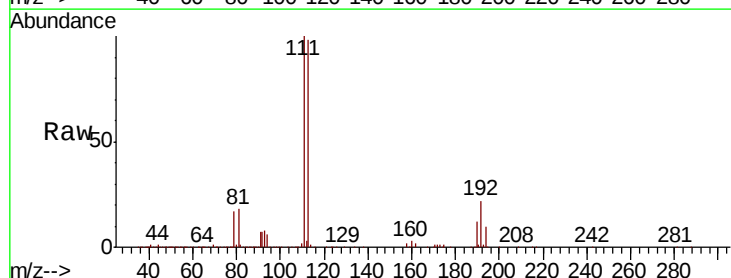
Tgt Ion:113 Resp: 308887

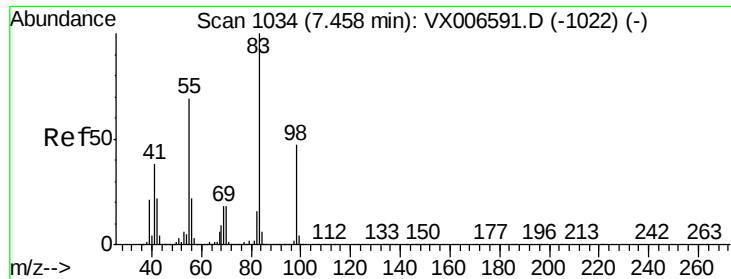
Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

192 22.3 16.7 25.1





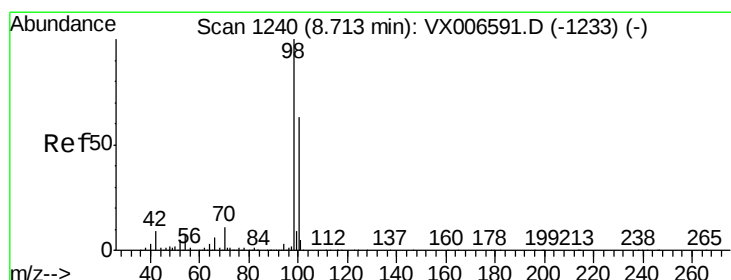
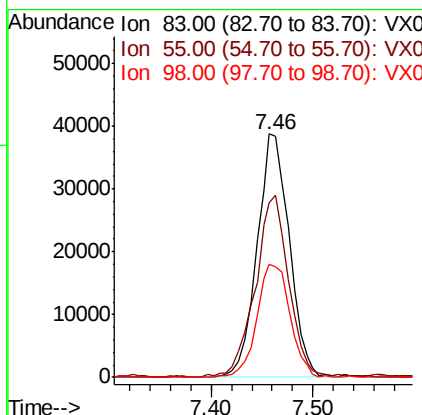
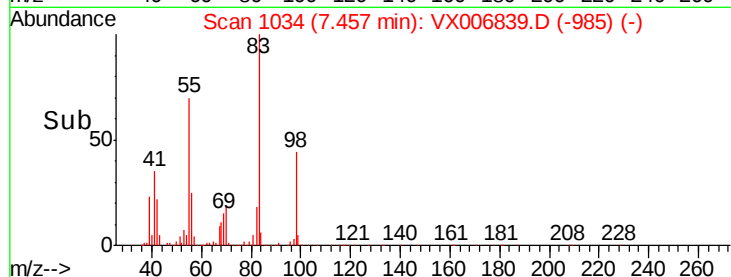
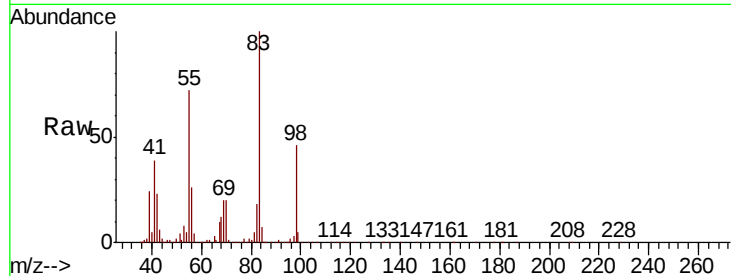
#39
Methvlcvclohexane
Concen: 7.437 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampled :
50087

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.3	54.9	82.3
98	46.4	37.9	56.9

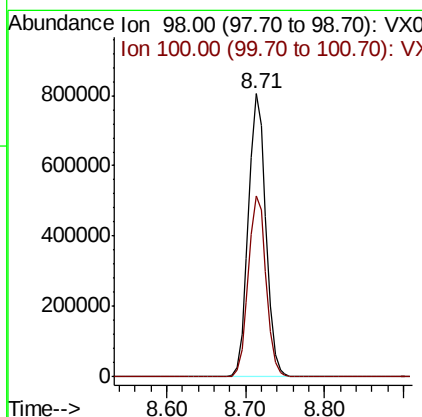
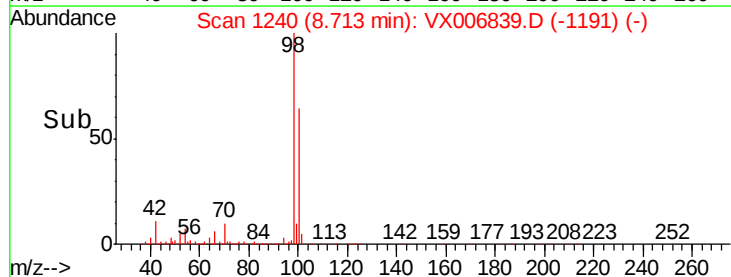
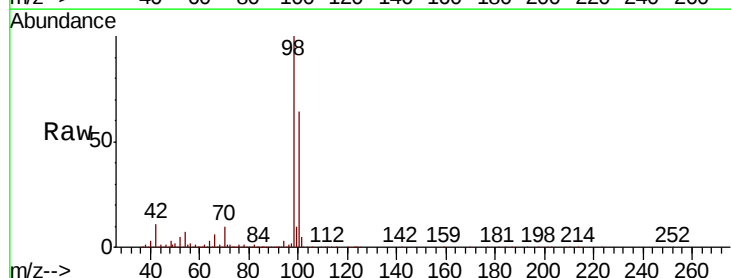
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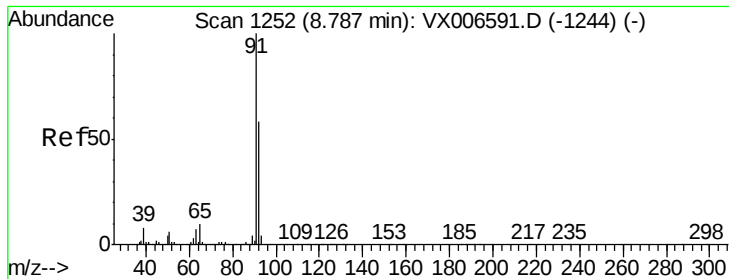
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#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#52

Toluene

Concen: 2.550 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

50087

Tot Ion: 92 Resp: 43639

Ion Ratio Lower Upper

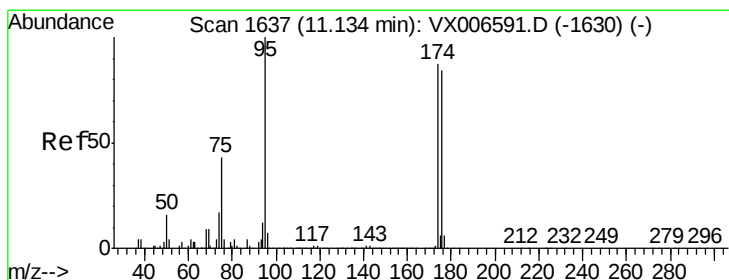
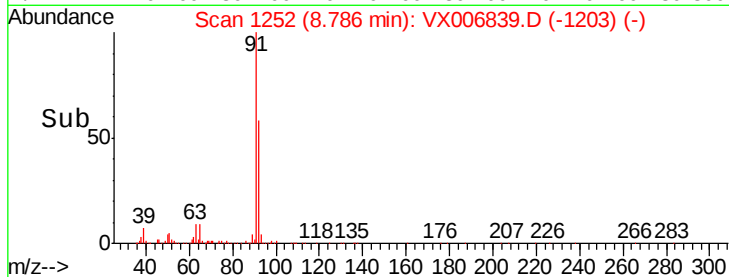
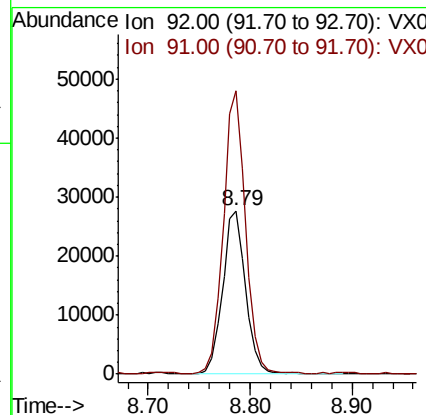
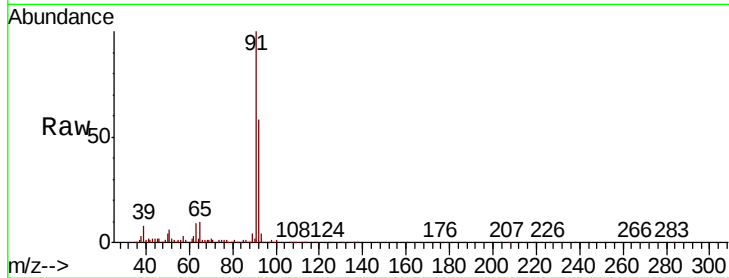
92 100

91 167.1 137.6 206.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

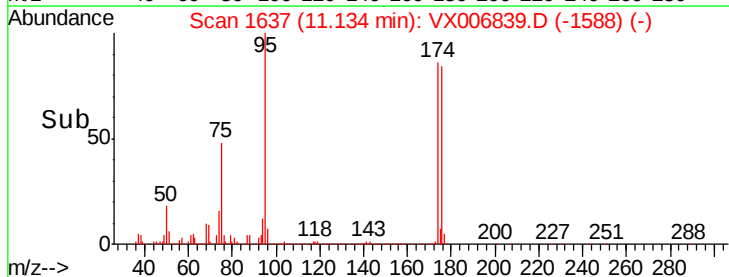
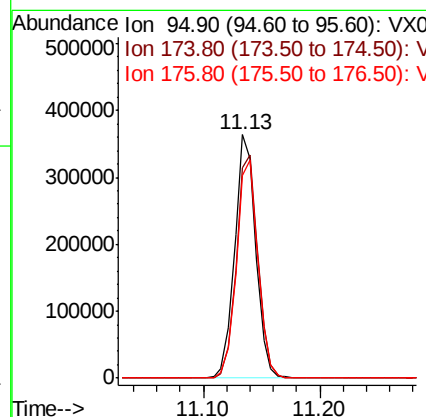
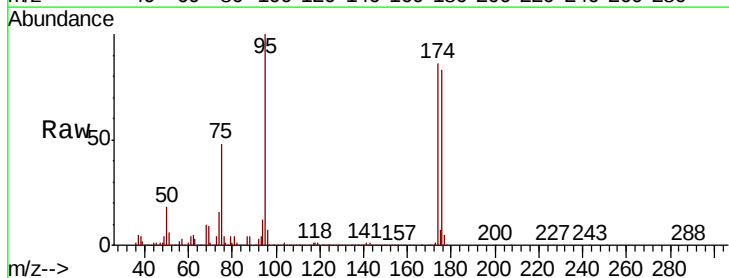
Tgt Ion: 95 Resp: 458548

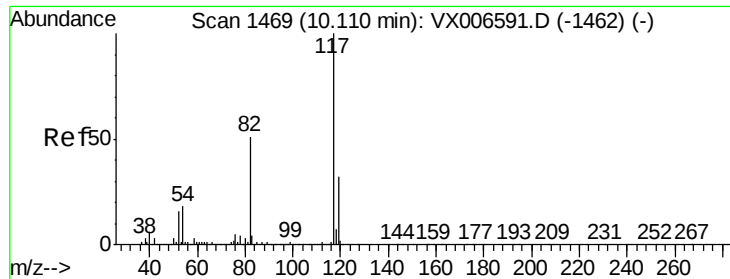
Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

176 91.1 0.0 178.8





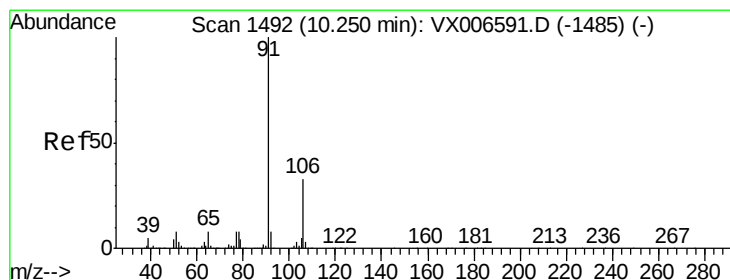
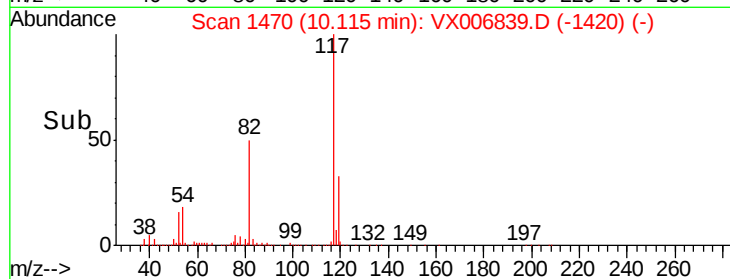
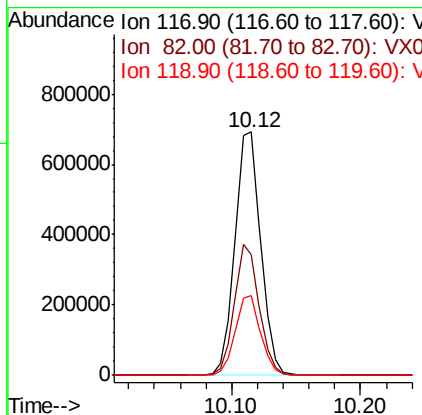
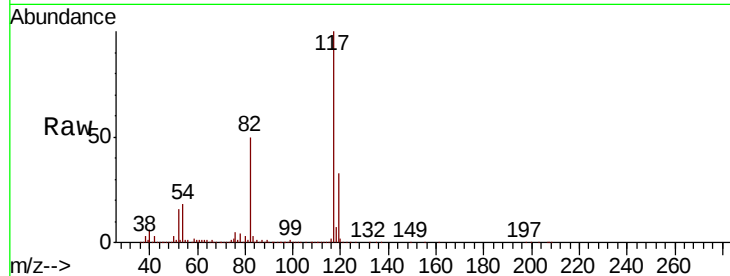
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
50087

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.0	61.6
119	32.6	25.4	38.0

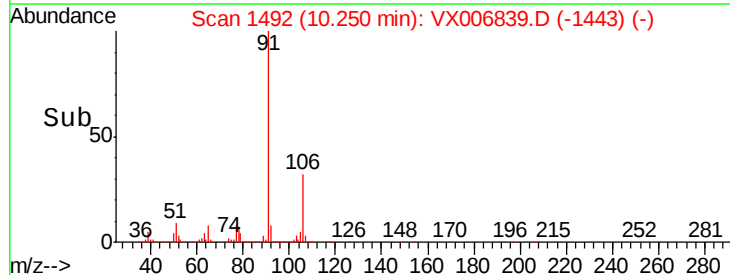
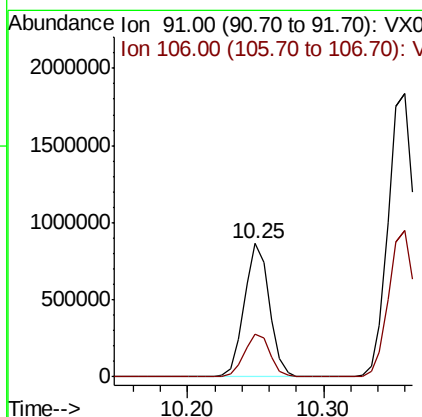
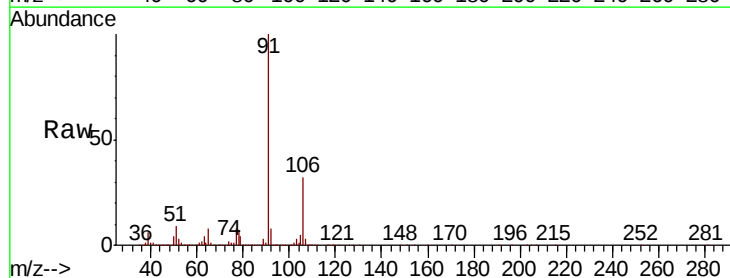
Manual Integrations
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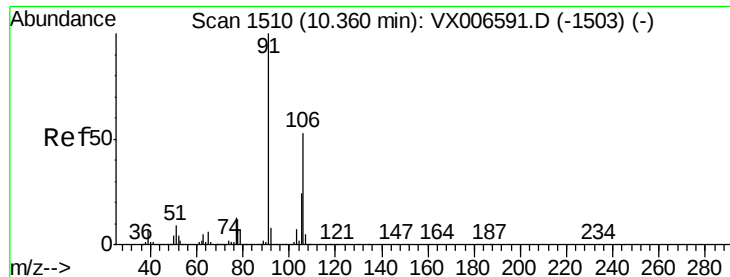
MMDadoda
12/28/2018 10:28:10 AM



#67
Ethyl Benzene
Concen: 33.368 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.4	39.6





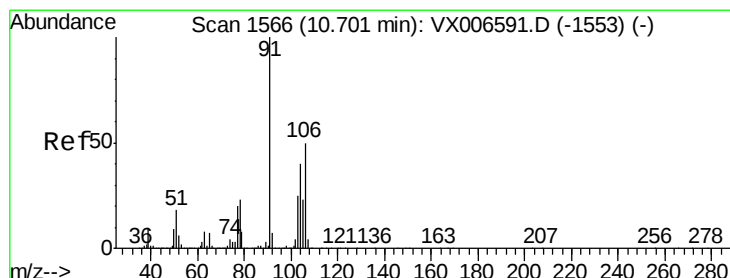
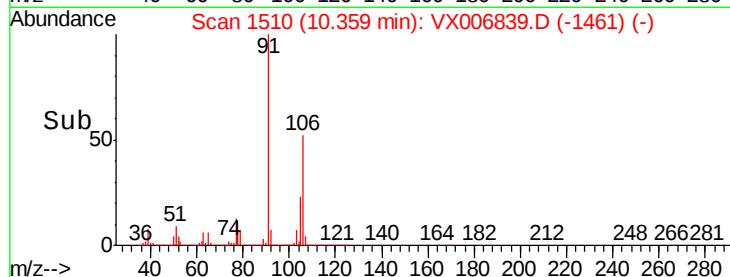
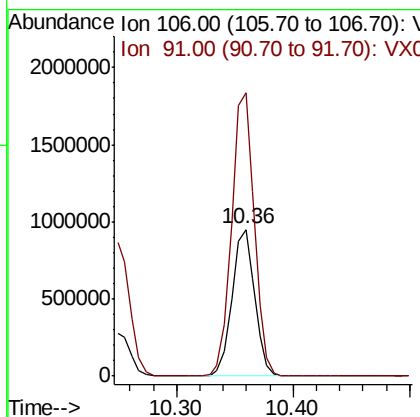
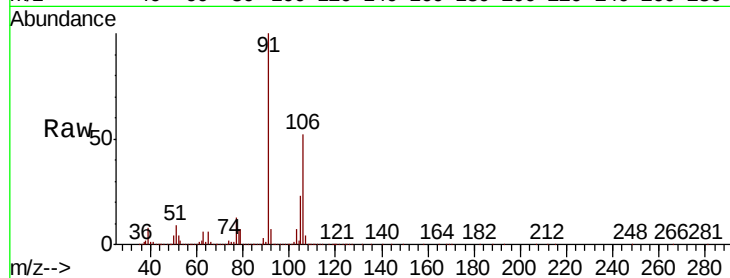
#68
m/p-Xylenes
Concen: 96.663 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
50087

Tot Ion:106 Resp: 1277083
Ion Ratio Lower Upper
106 100
91 195.3 155.8 233.6

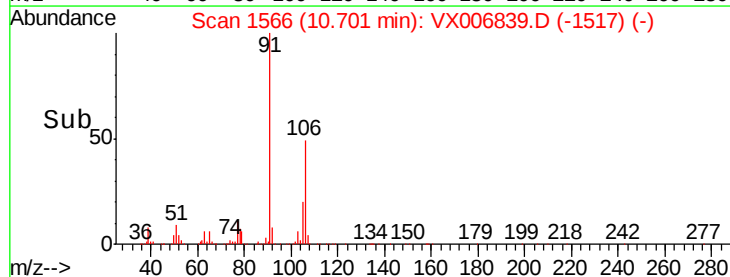
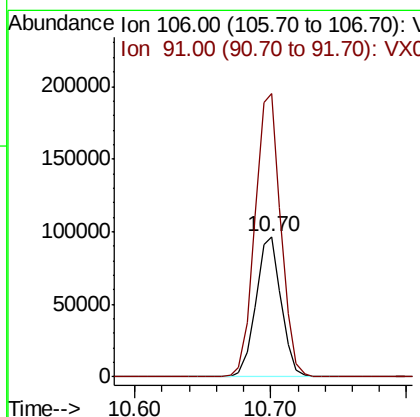
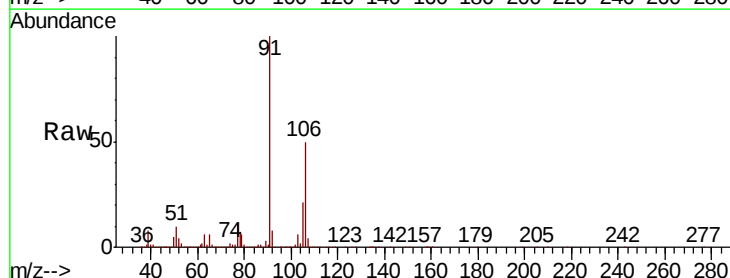
Manual Integrations
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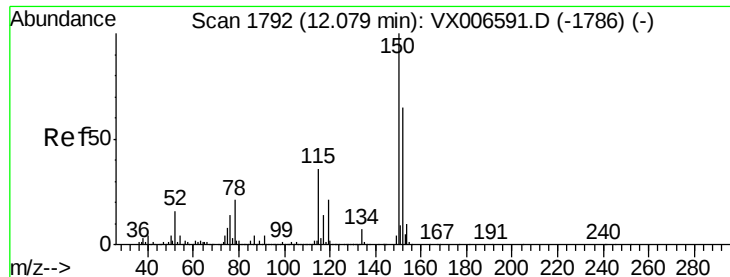
MMDadoda
12/28/2018 10:28:10 AM



#69
o-Xylene
Concen: 9.717 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion:106 Resp: 126769
Ion Ratio Lower Upper
106 100
91 205.5 101.3 303.7





#72

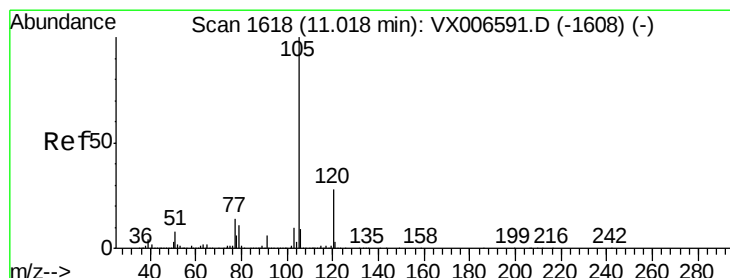
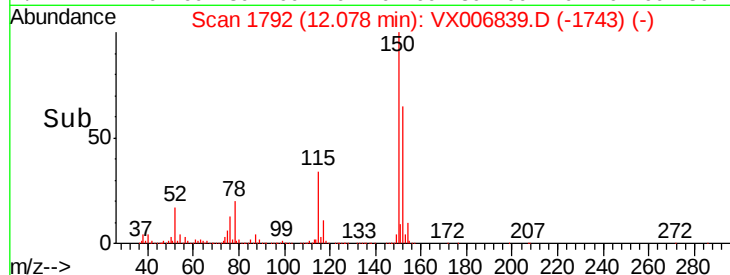
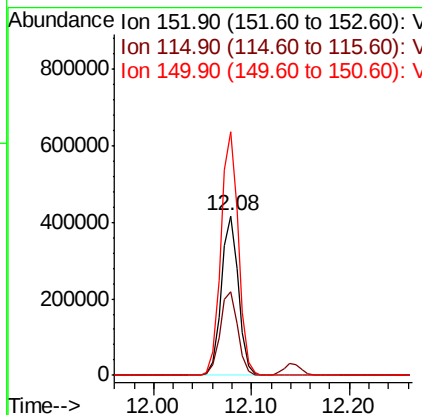
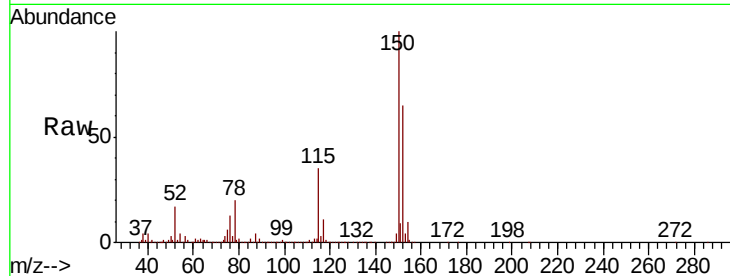
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
50087

Tot Ion	Ratio	Resp	Lower	Upper
152	100	502178		
115	54.2	39.1	117.2	
150	155.9	0.0	344.8	

Manual Integrations
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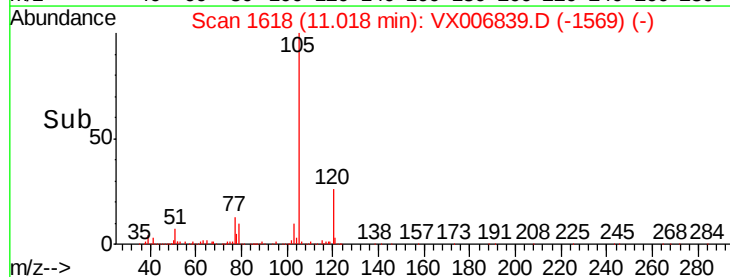
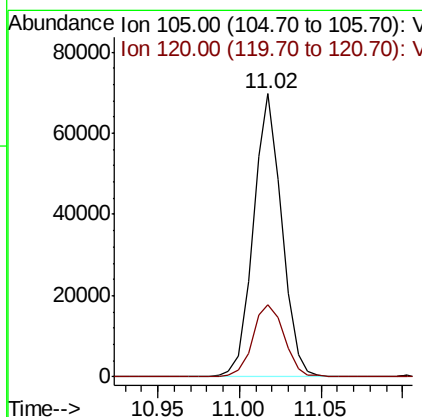
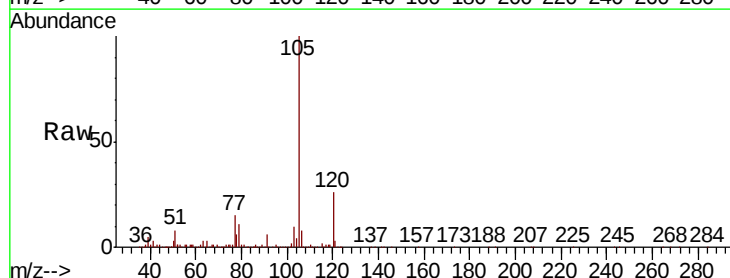
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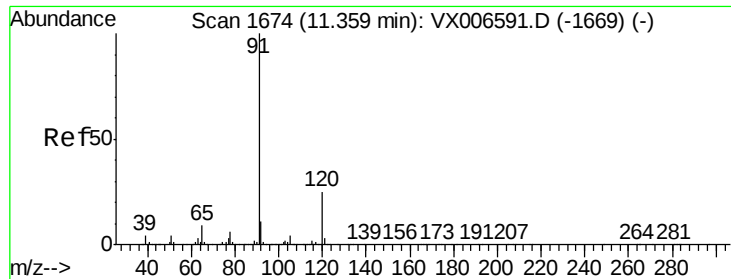


#73

Isopropylbenzene
Concen: 2.463 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	84605		
120	28.3	14.1	42.4	





#78

n-propylbenzene

Concen: 9.950 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

50087

Tot Ion: 91 Resp: 376427

Ion Ratio Lower Upper

91 100

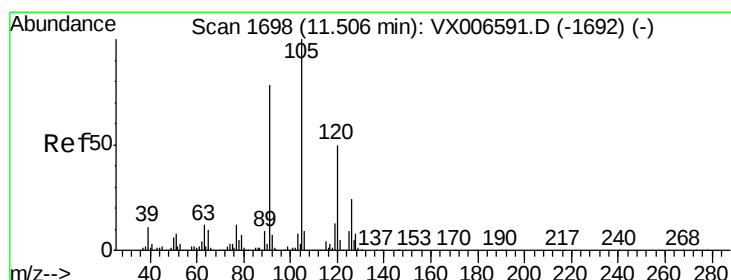
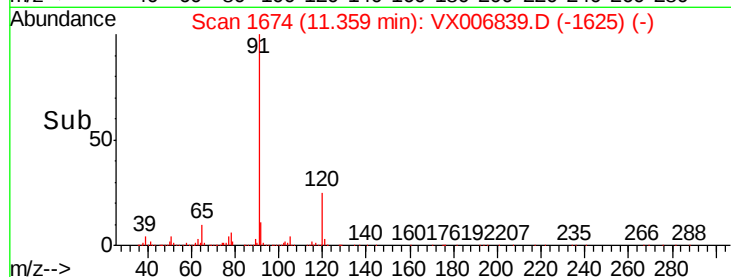
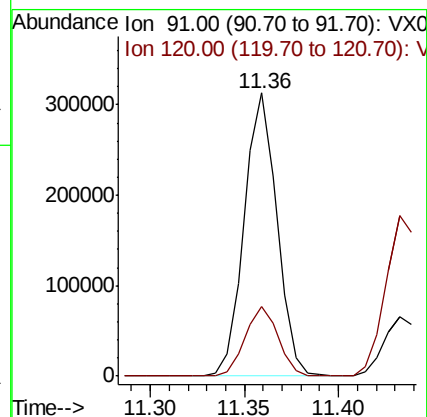
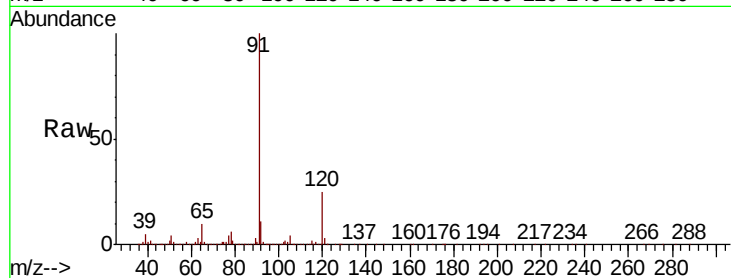
120 24.9 12.7 38.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.558 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006839.D

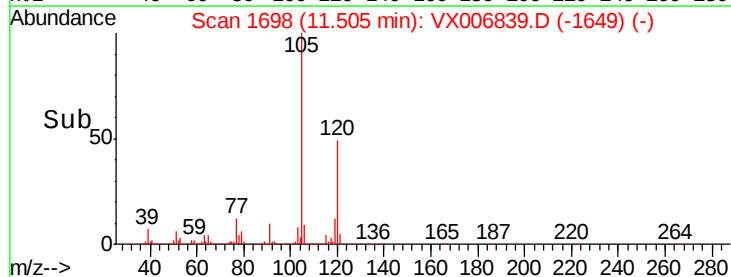
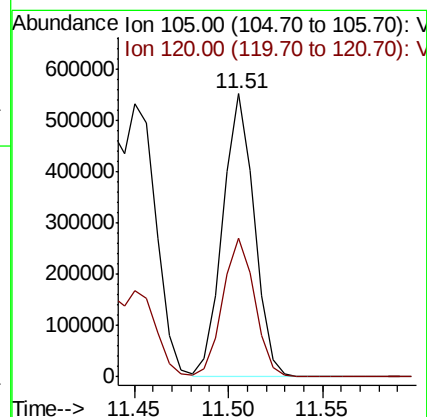
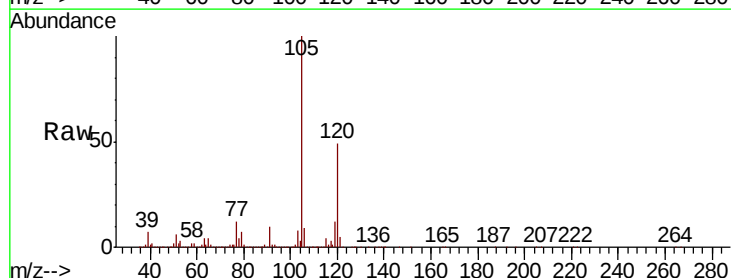
Acq: 27 Dec 2018 13:49

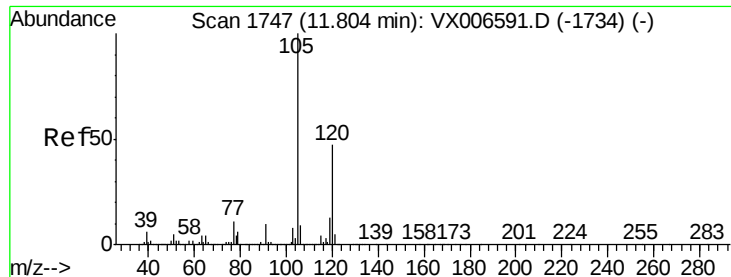
Tgt Ion: 105 Resp: 638318

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#84

1,2,4-Trimethylbenzene

Concen: 83.833 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

50087

Tot Ion:105 Resp: 2495184

Ion Ratio Lower Upper

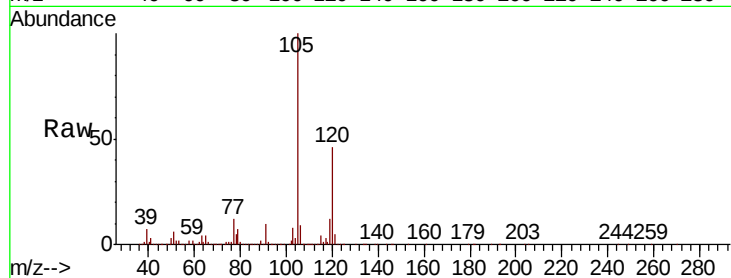
105 100

120 47.1 23.2 69.6

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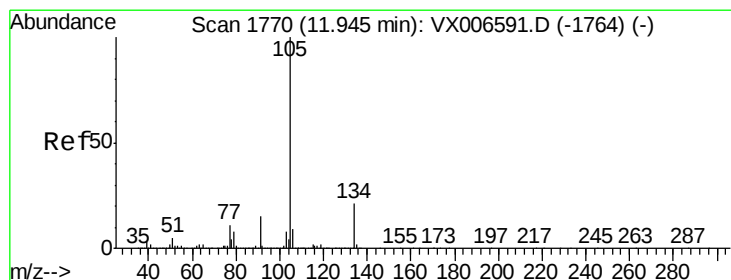
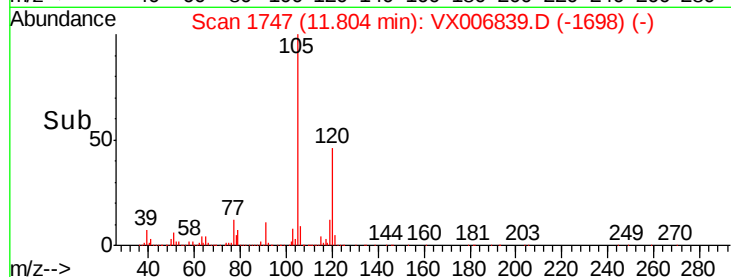
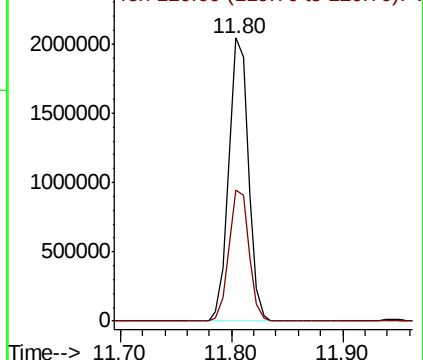
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.602 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006839.D

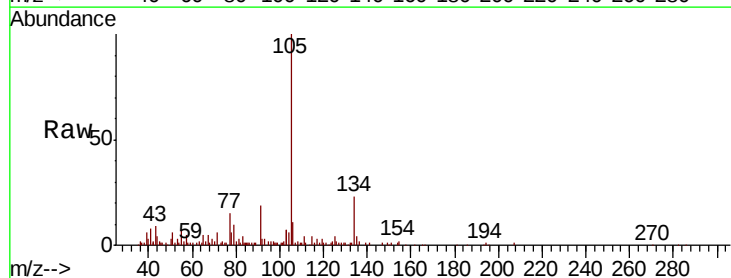
Acq: 27 Dec 2018 13:49

Tgt Ion:105 Resp: 20902

Ion Ratio Lower Upper

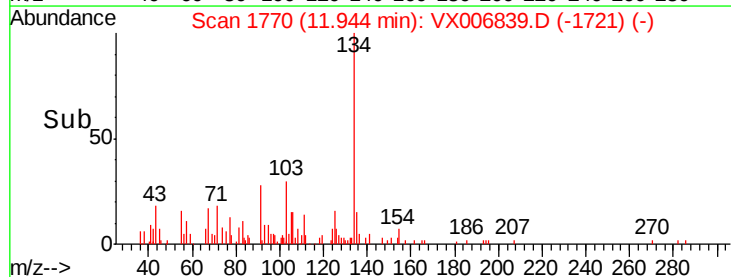
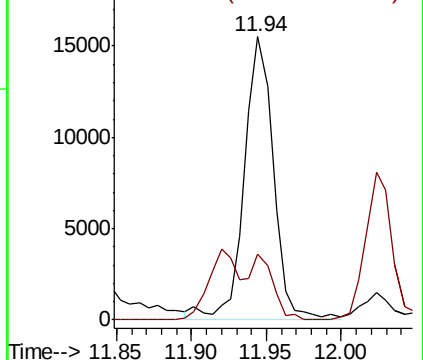
105 100

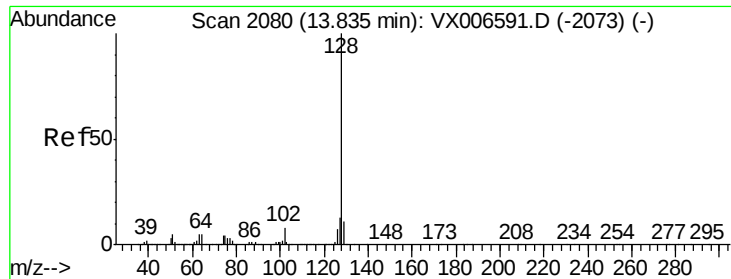
134 1.5 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 60.524 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
50087

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
12/28/2018 10:28:10 AM

