

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004376.D
 Acq On : 05 Sep 2018 18:01
 Operator : JC/MD
 Sample : J4693-01MEDL 10X
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-E(8-10)MEDL

Manual Integrations
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MMDadoda
 9/6/2018 12:48:49 PM

Quant Time: Sep 06 03:40:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	287779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	194379	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.50	113	169237	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	674457	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	334069	69.94	ug/l	0.00
Spiked Amount			Recovery	=	139.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) o-Xylene	10.70	106	8394	1.22	ug/l	97
73) Isopropylbenzene	11.02	105	632798	33.48	ug/l	100
78) n-propylbenzene	11.36	91	2263781	104.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	24619m	1.57	ug/l	
83) tert-Butylbenzene	11.77	119	223976	14.22	ug/l	86
84) 1,2,4-Trimethylbenzene	11.81	105	9752724	607.00	ug/l	89
85) sec-Butylbenzene	11.95	105	1807372	96.67	ug/l #	76
86) p-Isopropyltoluene	12.07	119	178177	10.63	ug/l	99
89) n-Butylbenzene	12.39	91	1867432	137.06	ug/l #	78

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

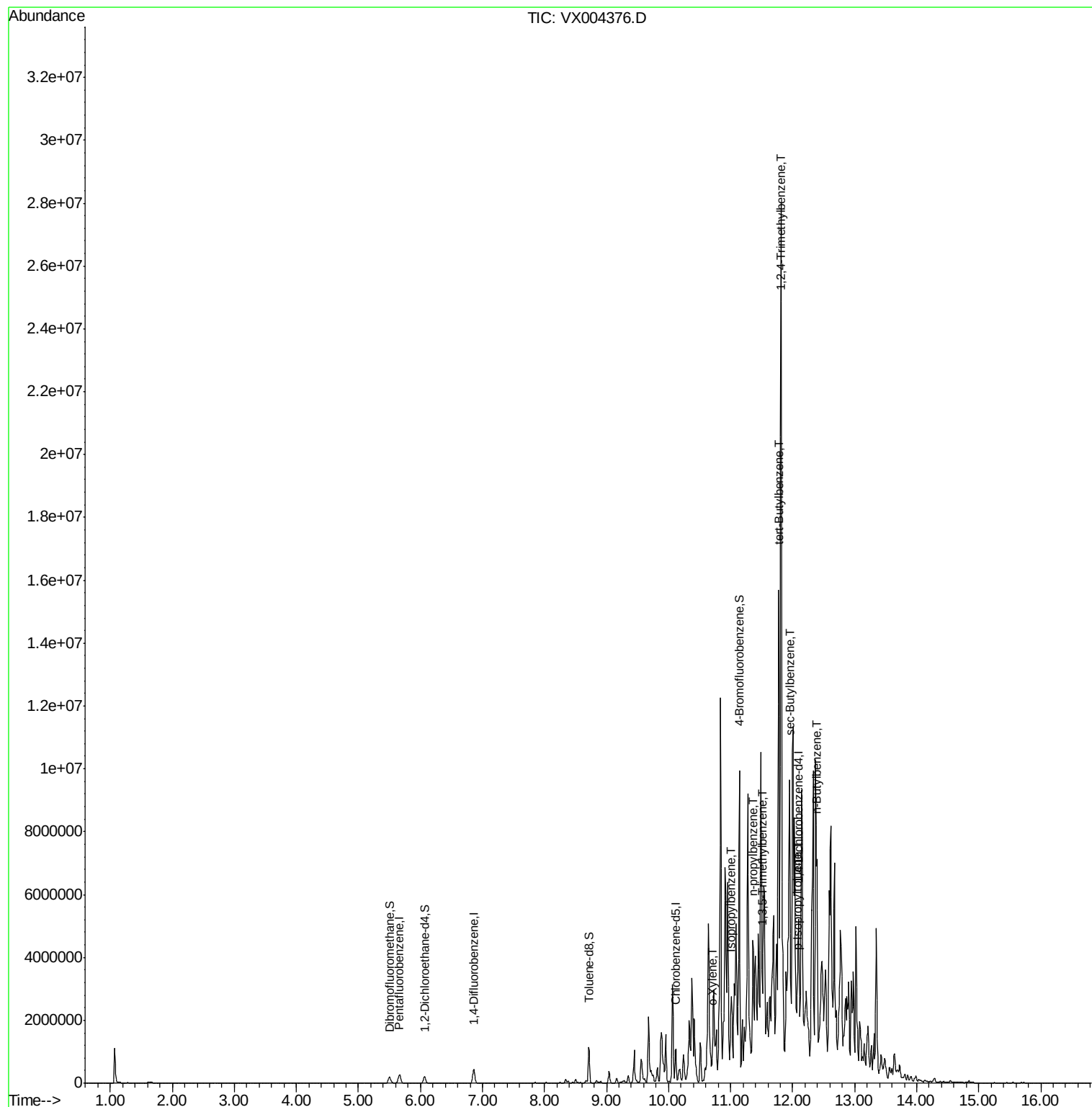
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090518\
Data File : VX004376.D
Acq On : 05 Sep 2018 18:01
Operator : JC/MD
Sample : J4693-01MEDL 10X
Misc : 6.49µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

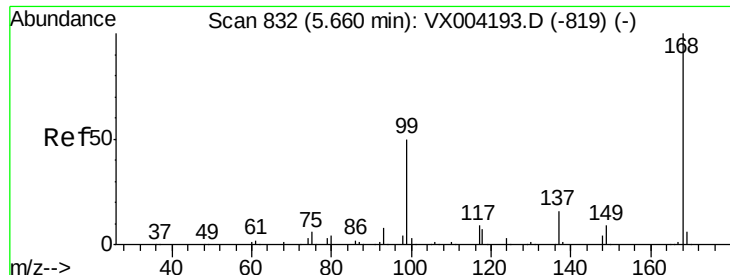
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)MEDL

Manual Integrations
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Quant Time: Sep 06 03:40:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)MEDL

Tot Ion:168 Resp: 289301

Ion Ratio Lower Upper

168 100

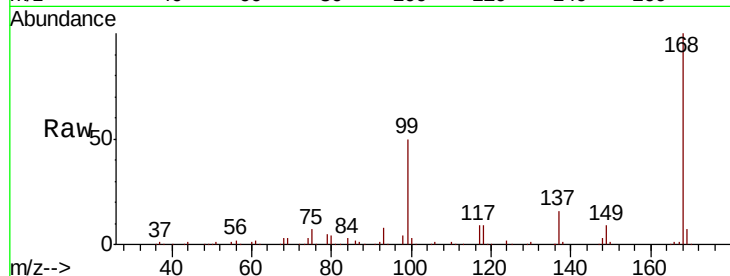
99 50.1 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

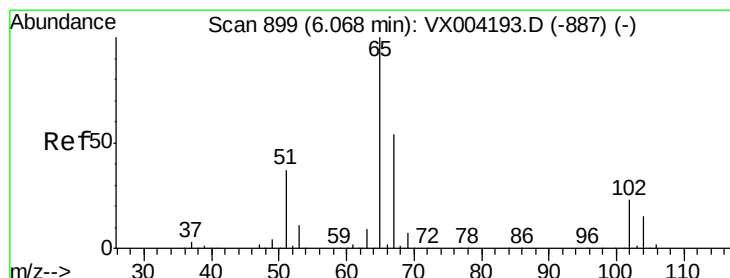
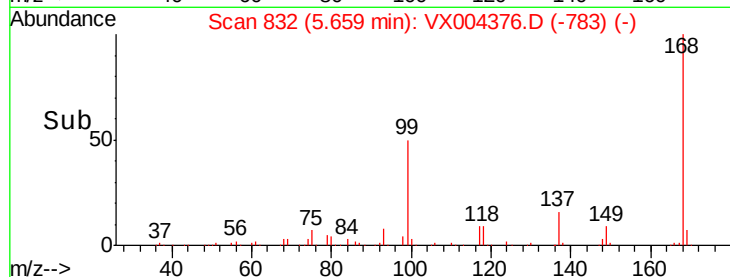
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.55 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004376.D

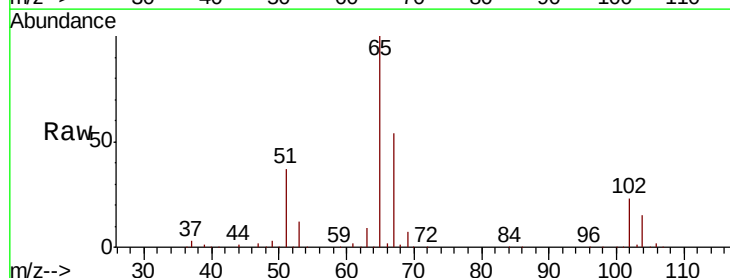
Acq: 05 Sep 2018 18:01

Tgt Ion: 65 Resp: 194379

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

60000

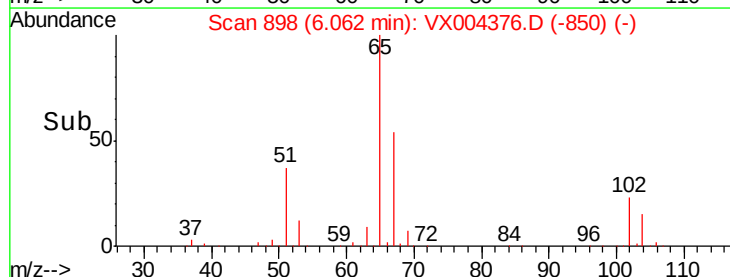
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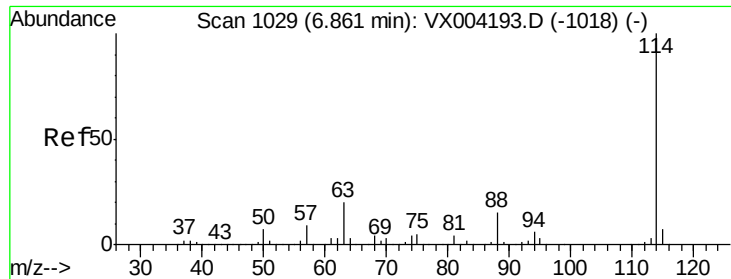
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0

6.00 6.10 6.20

Time-->





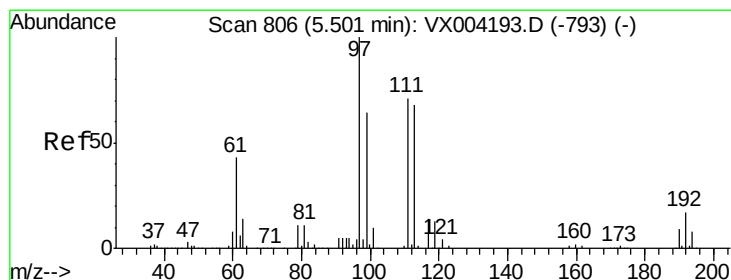
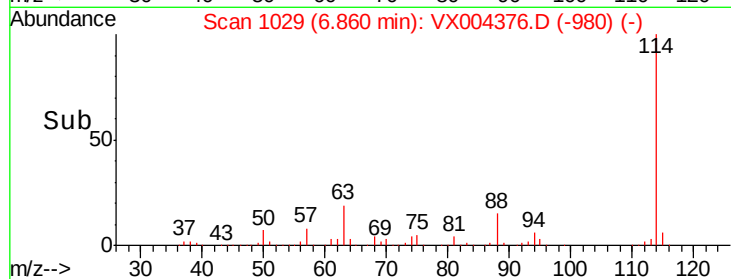
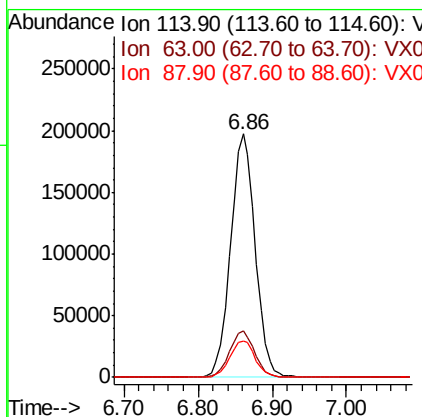
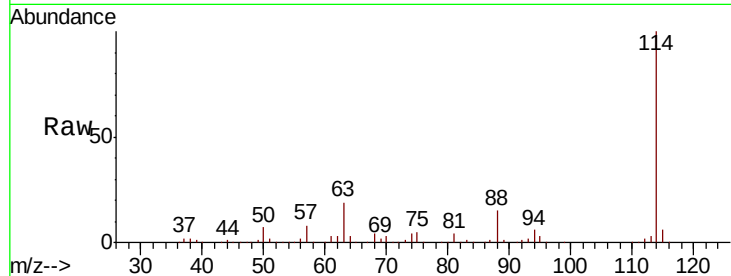
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-E(8-10)MEDL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	455872		
63	19.1		0.0	39.0
88	15.1		0.0	30.4

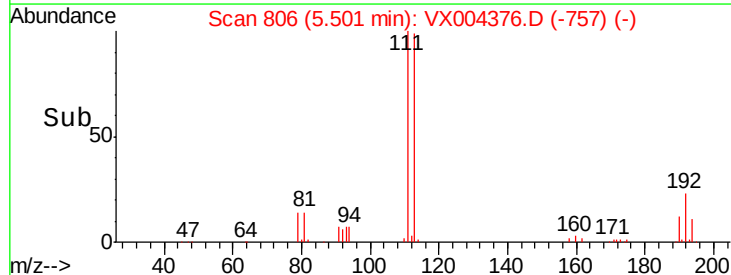
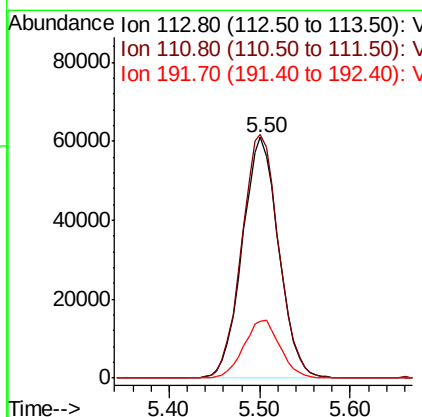
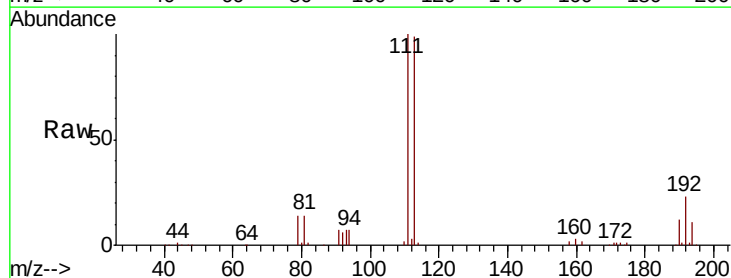
Manual Integrations
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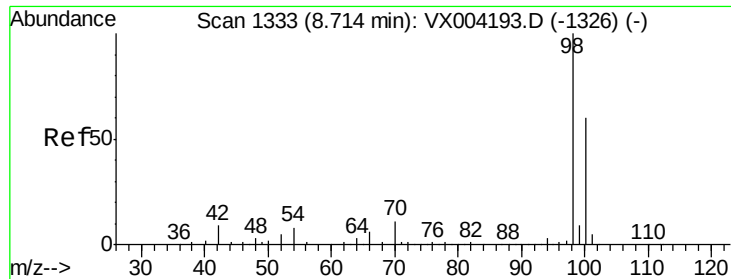
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#35
 Dibromofluoromethane
 Concen: 49.90 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	169237		
111	103.2		82.4	123.6
192	24.2		19.4	29.2





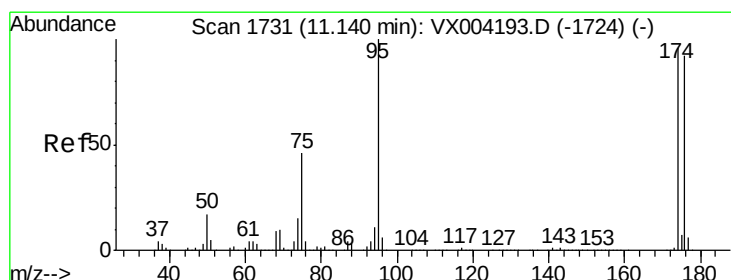
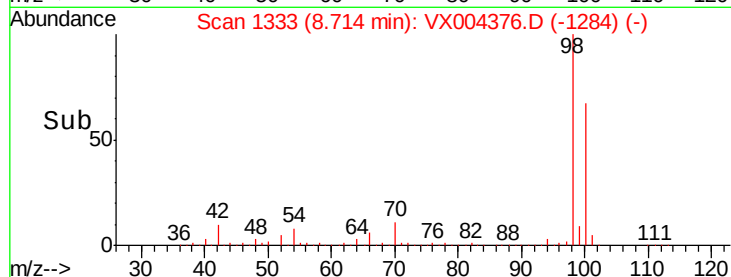
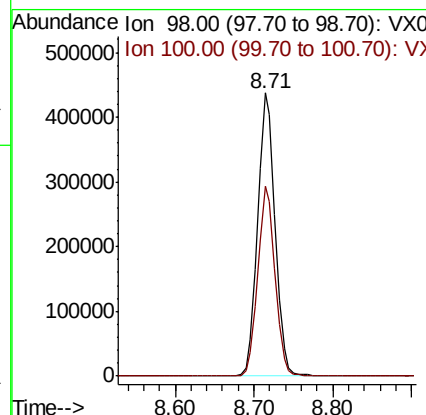
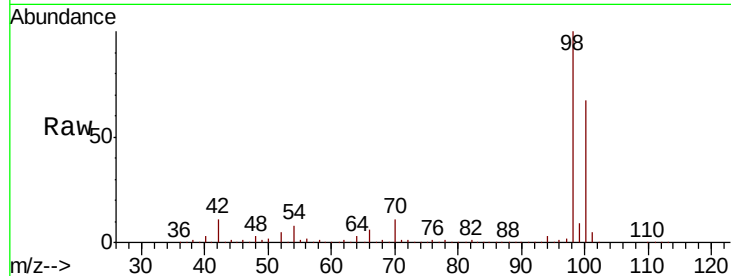
#50
Toluene-d8
Concen: 52.69 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)MEDL

Tot Ion: 98 Resp: 674457
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

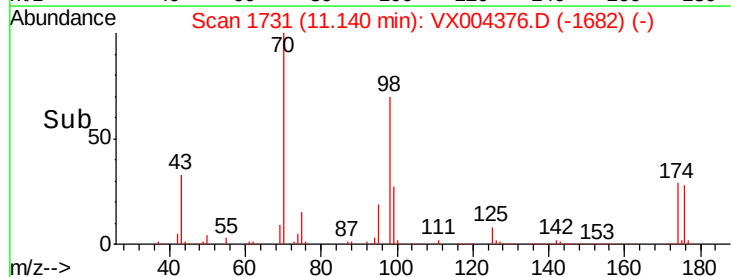
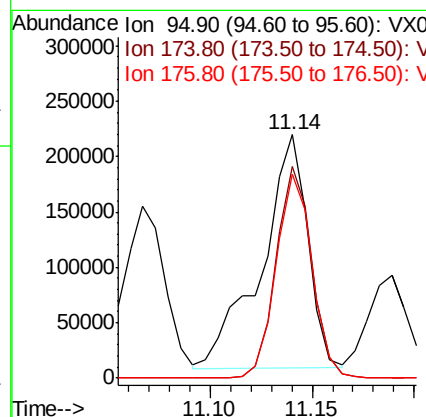
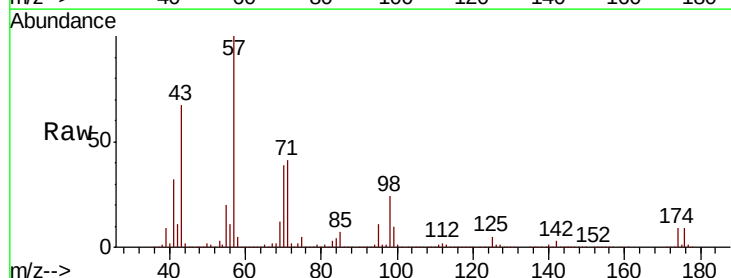
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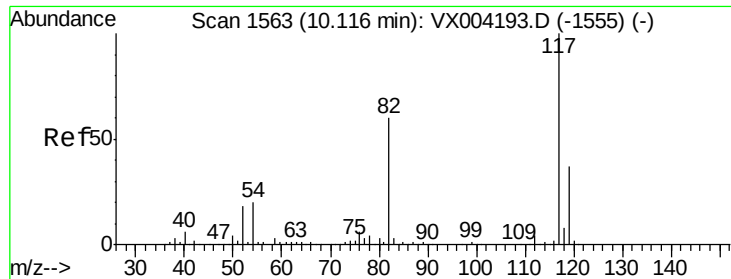
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#62
4-Bromofluorobenzene
Concen: 69.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion: 95 Resp: 334069
Ion Ratio Lower Upper
95 100
174 70.1 0.0 185.2
176 68.2 0.0 178.6





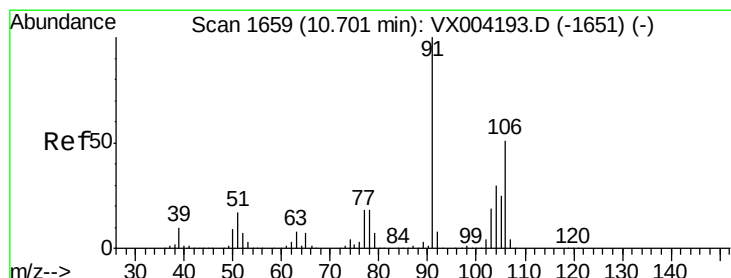
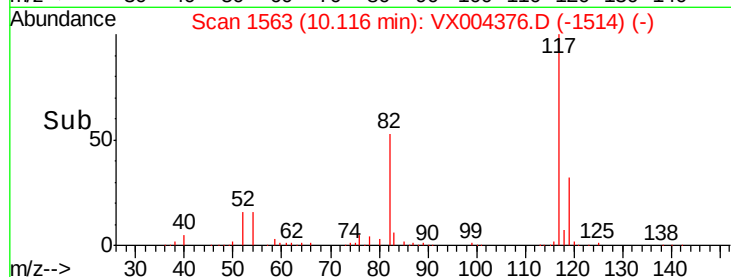
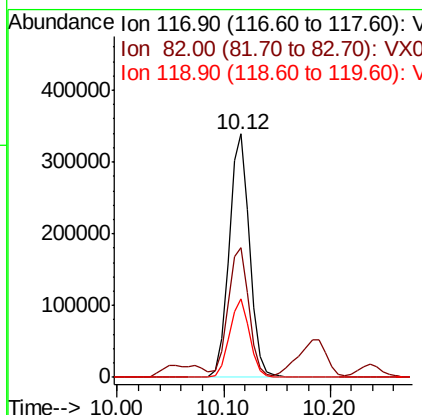
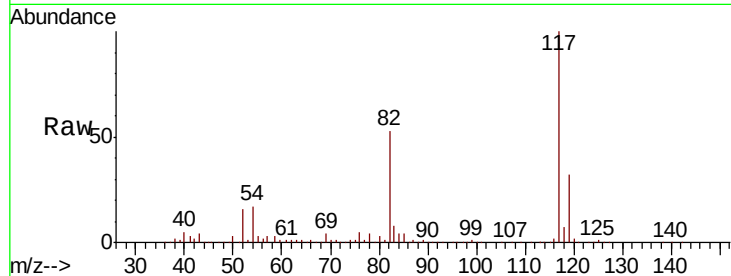
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)MEDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.8	71.6
119	32.3	29.3	43.9

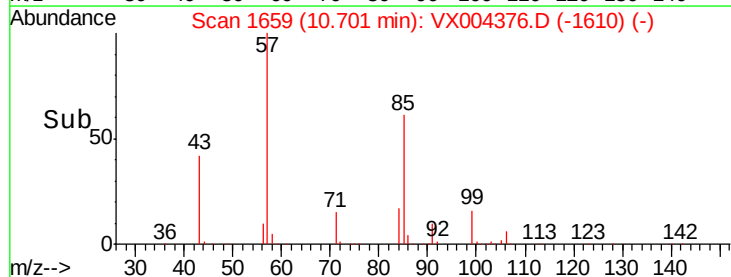
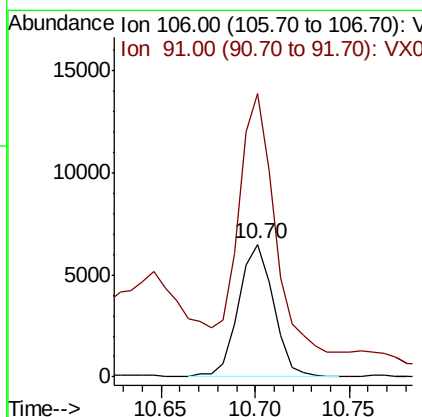
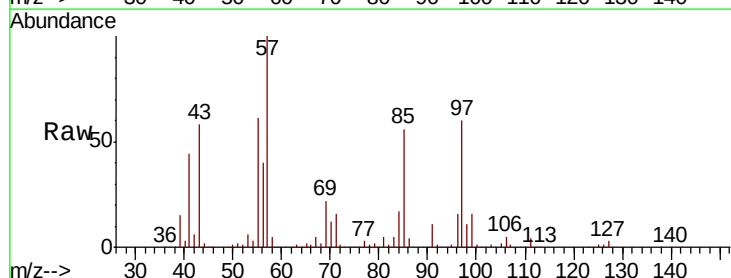
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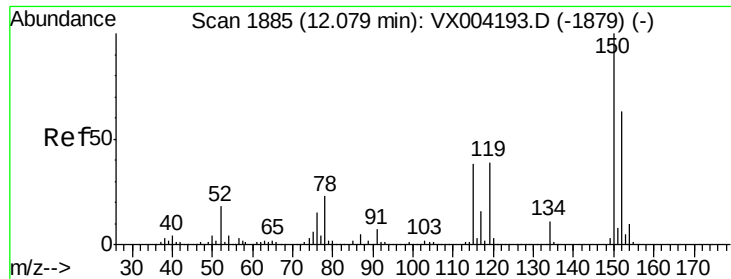
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#69
o-Xylene
Concen: 1.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.1	105.1	315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)MEDL

Tot Ion:152 Resp: 287779

Ion Ratio Lower Upper

152 100

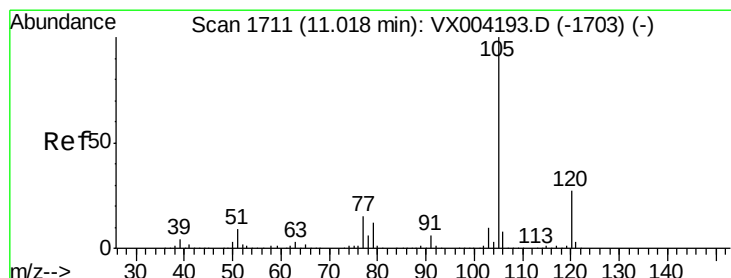
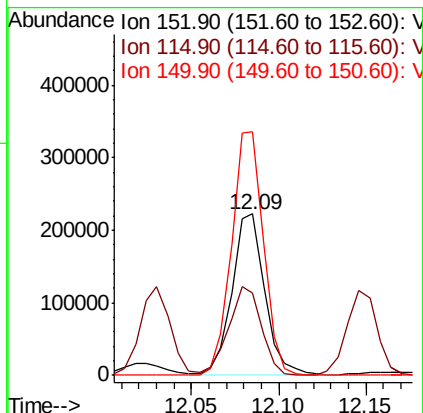
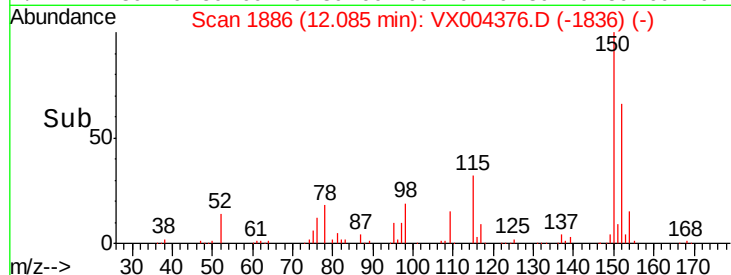
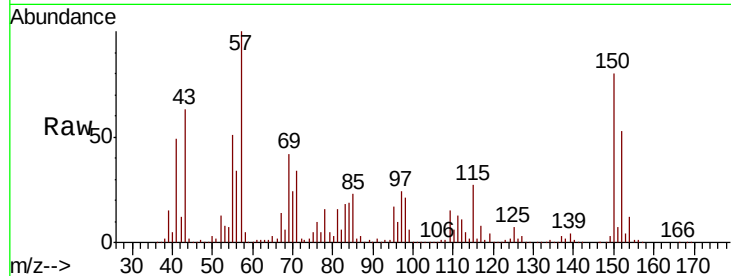
115 55.1 39.0 117.0

150 147.8 0.0 351.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 33.48 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004376.D

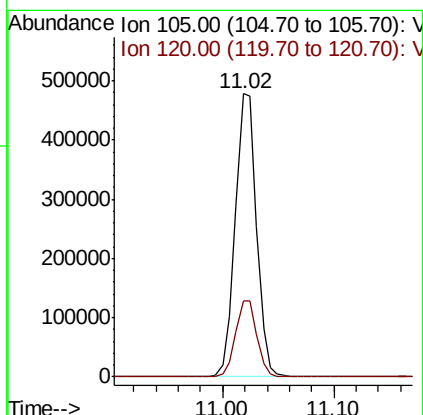
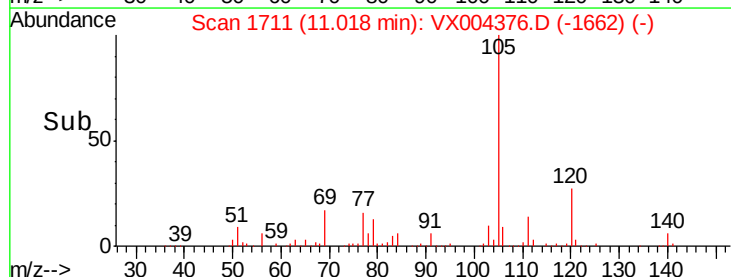
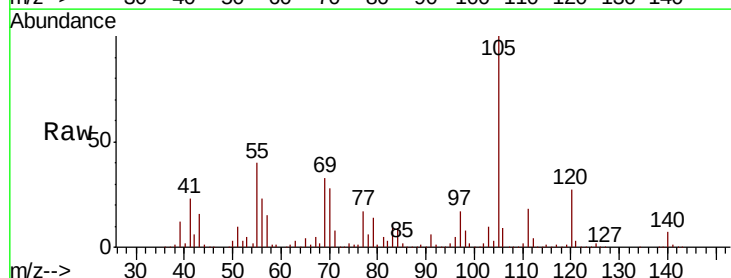
Acq: 05 Sep 2018 18:01

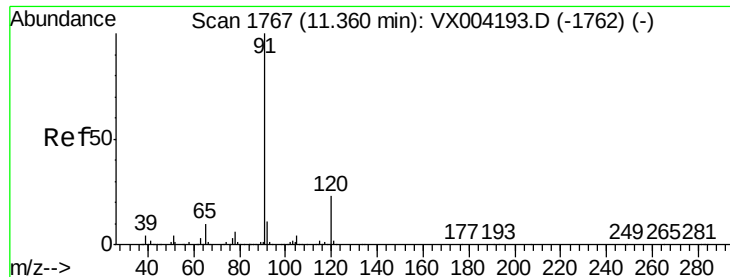
Tgt Ion:105 Resp: 632798

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4





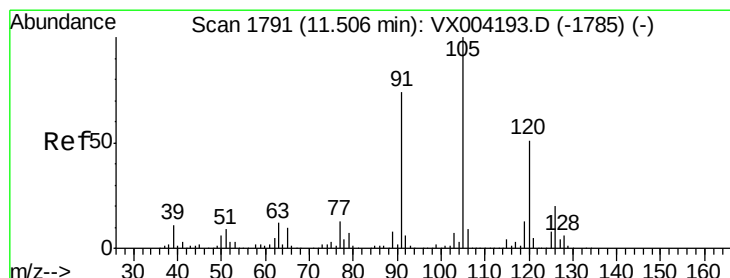
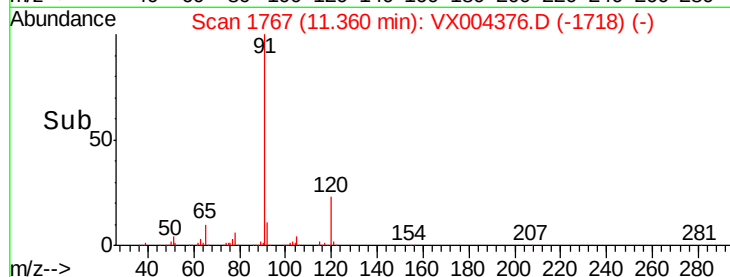
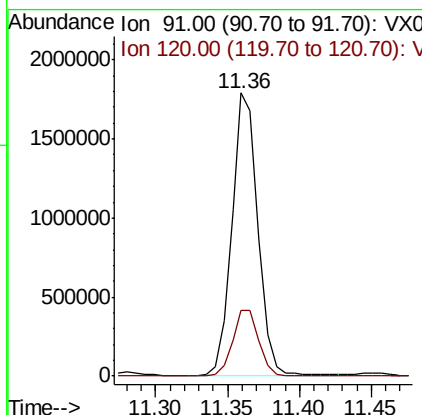
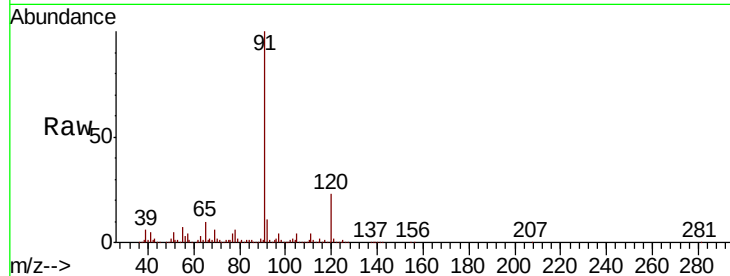
#78
n-propylbenzene
Concen: 104.14 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)MEDL

Tot Ion: 91 Resp: 2263781
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.9

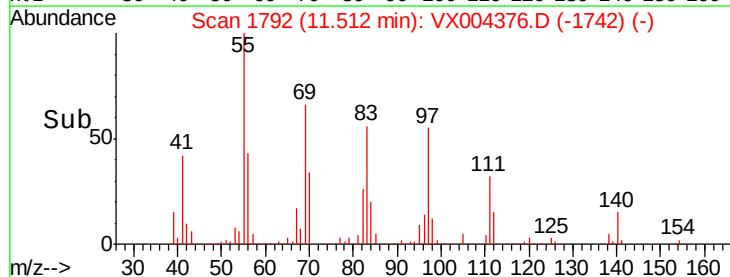
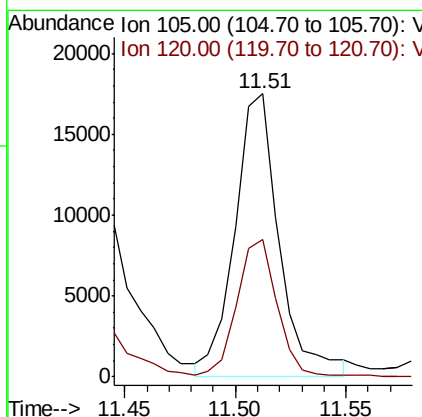
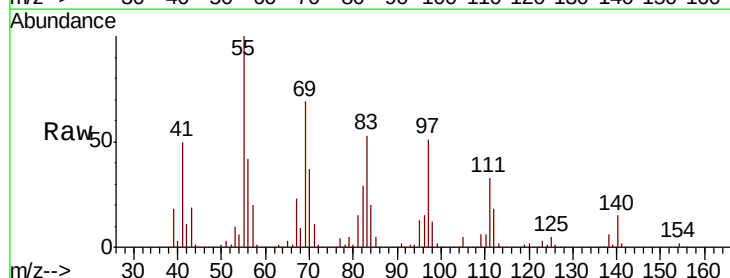
Manual Integrations
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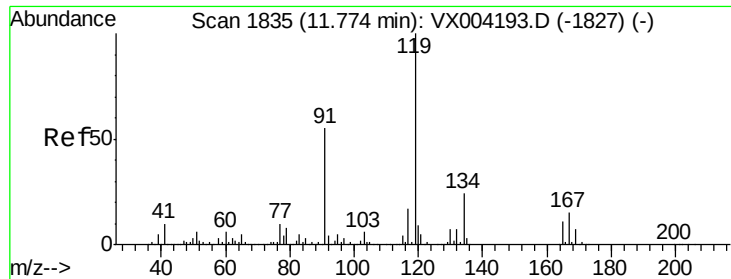
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#80
1,3,5-Trimethylbenzene
Concen: 1.57 ug/l m
RT: 11.51 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion:105 Resp: 24619
Ion Ratio Lower Upper
105 100
120 0.0 25.6 76.8#





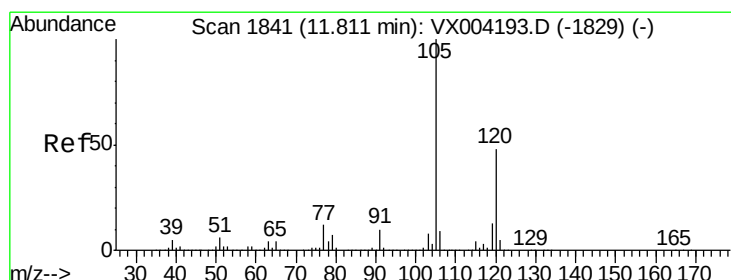
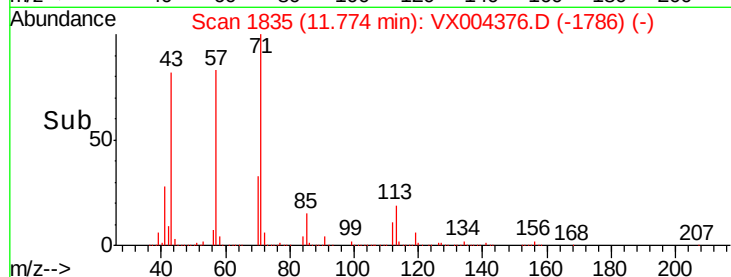
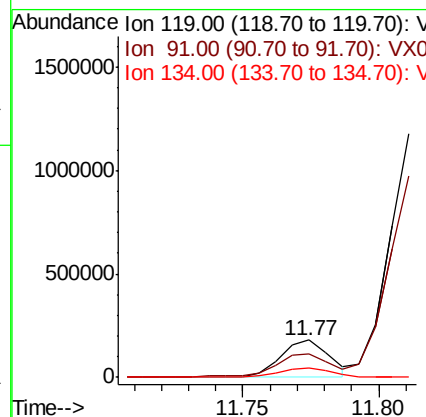
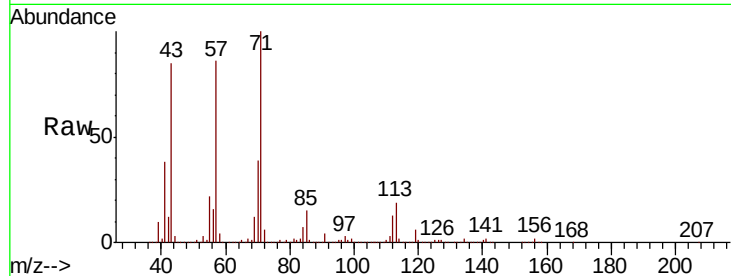
#83
tert-Butylbenzene
Concen: 14.22 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)MEDL

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	27.0	81.0
134	26.4	11.7	35.1

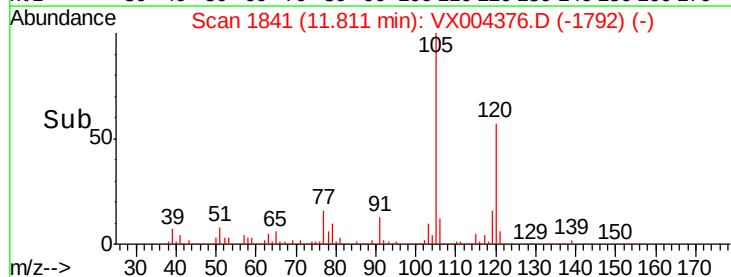
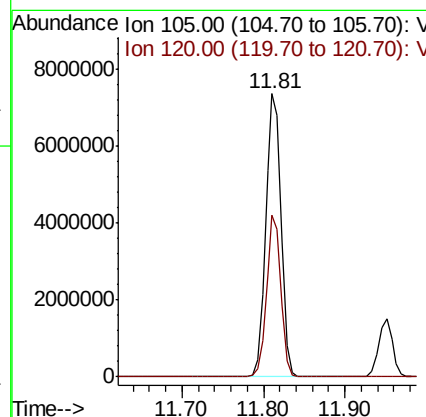
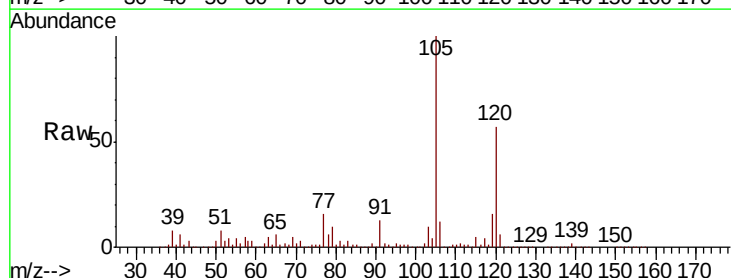
Manual Integrations
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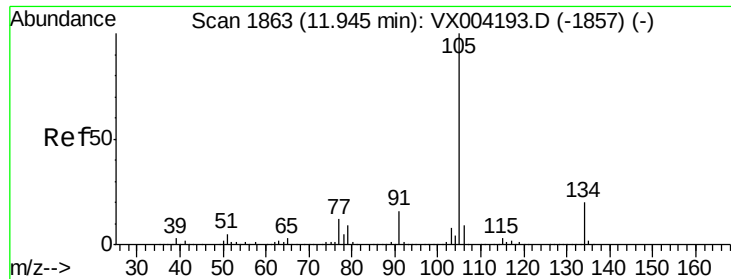
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#84
1,2,4-Trimethylbenzene
Concen: 607.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004376.D
Acq: 05 Sep 2018 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 96.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)MEDL

Tot Ion:105 Resp: 1807372

Ion Ratio Lower Upper

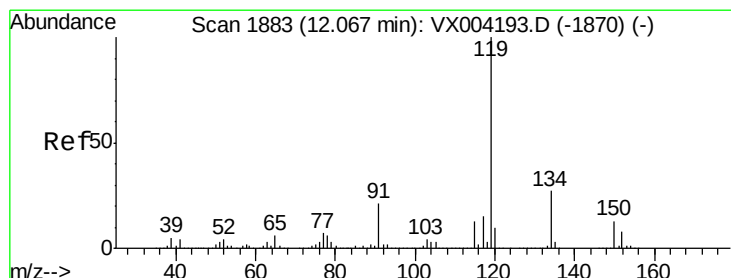
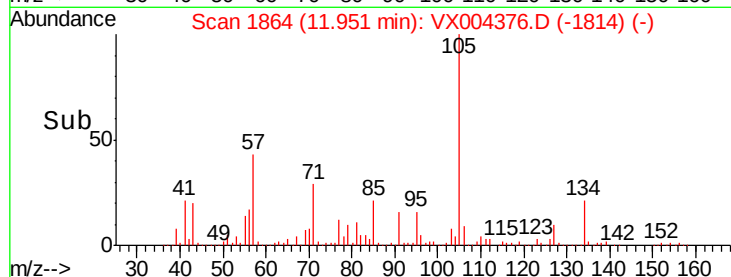
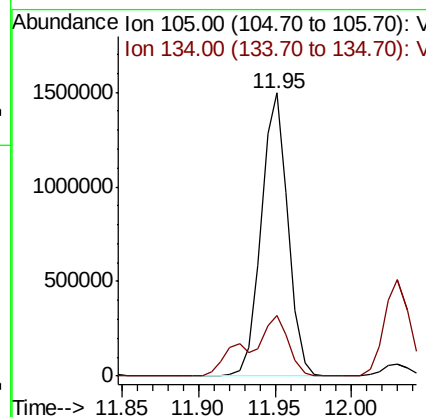
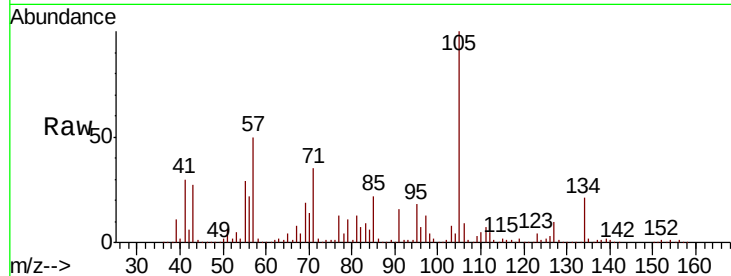
105 100

134 32.4 10.5 31.5#

Manual Integrations
APPROVED

MMDadoda

9/6/2018 12:48:49 PM



#86

p-Isopropyltoluene

Concen: 10.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004376.D

Acq: 05 Sep 2018 18:01

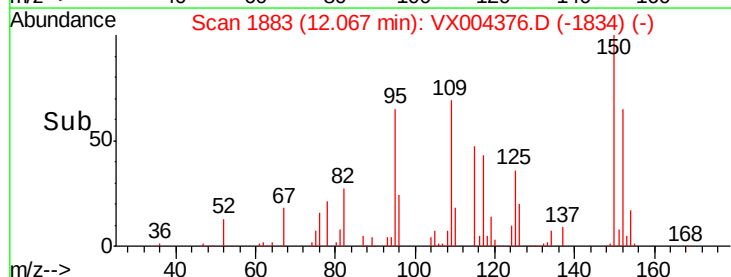
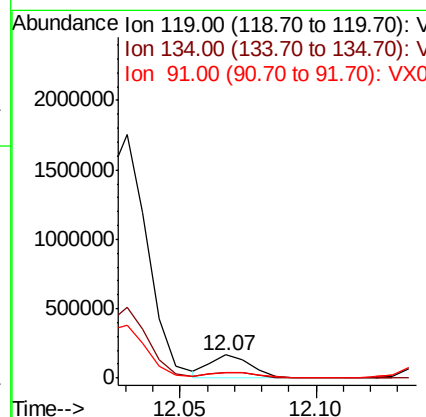
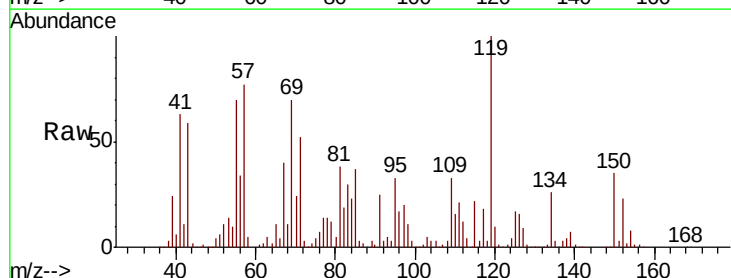
Tgt Ion:119 Resp: 178177

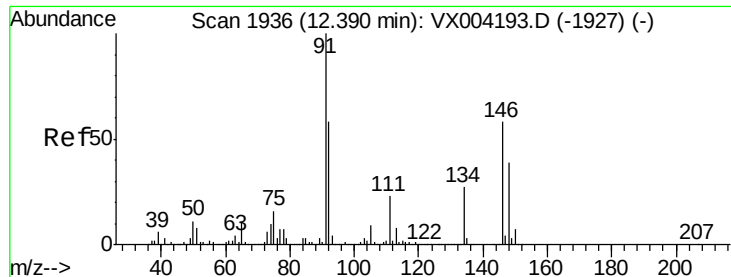
Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.2

91 21.7 10.9 32.7





#89
 n-Butylbenzene
 Concen: 137.06 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004376.D
 Acq: 05 Sep 2018 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-E(8-10)MEDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.8	27.3	81.9
134	54.6	13.6	40.7

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:49 PM

