

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004747.D
 Acq On : 27 Sep 2018 02:24
 Operator : JC/MD
 Sample : J5029-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-1-8.0-092018

Manual Integrations
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 9/27/2018 12:51:04 PM

Quant Time: Sep 27 06:34:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	278565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	409345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	193908	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
35) Dibromofluoromethane	5.51	113	172633	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	8.71	98	586293	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.14	95	216967	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	29399	26.422	ug/l	98
16) Acetone	2.45	43	53971	23.231	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	82718	7.945	ug/l	93
31) Cyclohexane	5.58	56	23503	4.642	ug/l #	77
39) Methylcyclohexane	7.46	83	17802	3.683	ug/l	97
52) Toluene	8.79	92	3650	0.448	ug/l	97
65) Chlorobenzene	10.14	112	3487	0.351	ug/l	99
68) m/p-Xylenes	10.36	106	5379	0.873	ug/l	96
69) o-Xylene	10.70	106	1747	0.309	ug/l	76
73) Isopropylbenzene	11.02	105	9206	0.653	ug/l	97
83) tert-Butylbenzene	11.77	119	7807	0.672	ug/l	83
85) sec-Butylbenzene	11.94	105	9946	0.703	ug/l #	55
89) n-Butylbenzene	12.39	91	6522m	0.560	ug/l	

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

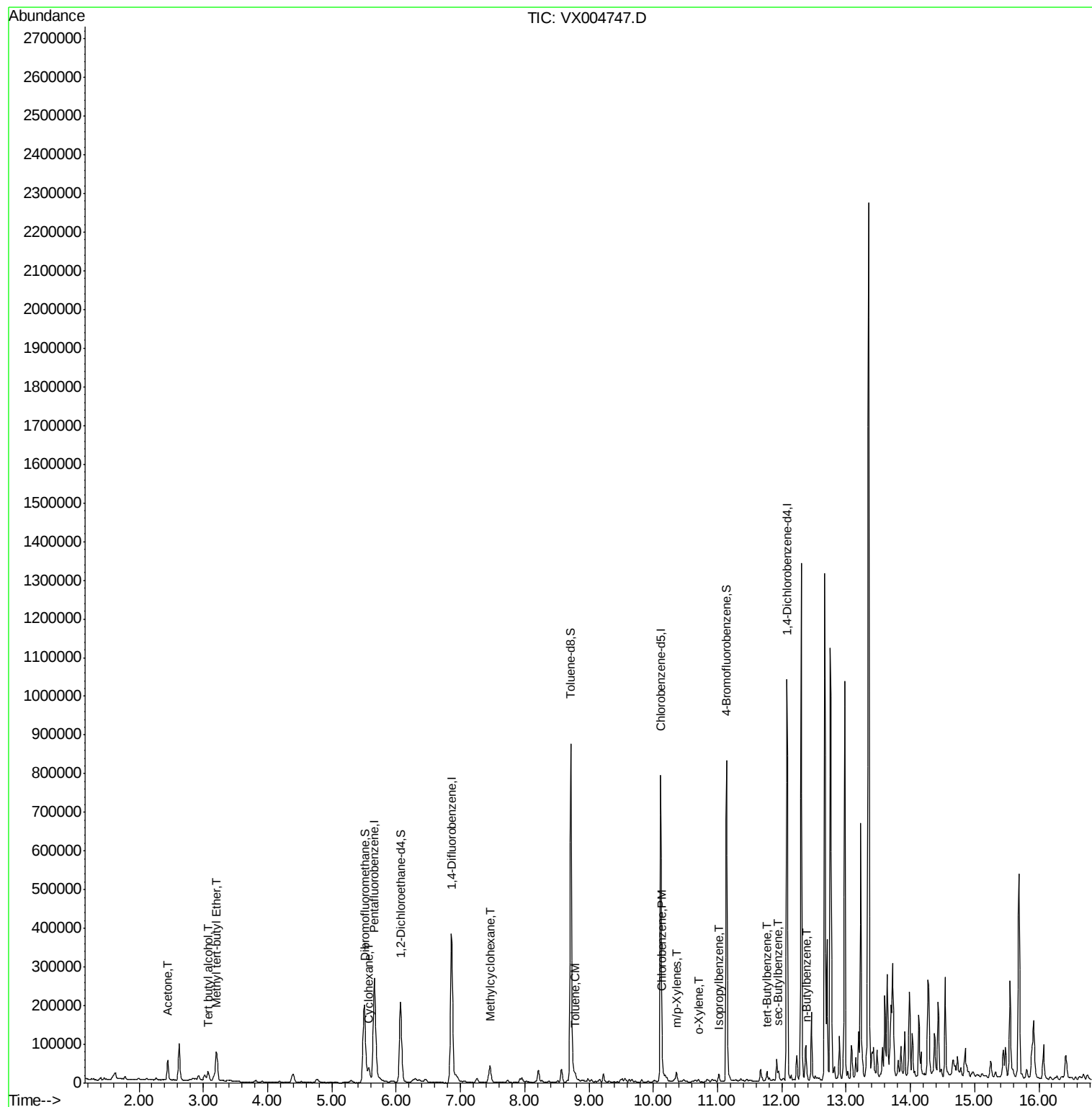
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092618\
Data File : VX004747.D
Acq On : 27 Sep 2018 02:24
Operator : JC/MD
Sample : J5029-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

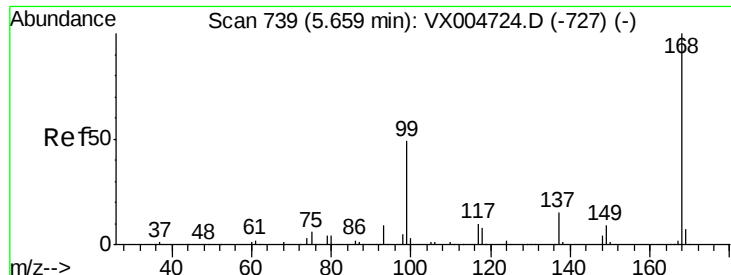
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

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Quant Time: Sep 27 06:34:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
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: VX004747.D

Acq: 27 Sep 2018 02:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-092018

Tot Ion:168 Resp: 278565

Ion Ratio Lower Upper

168 100

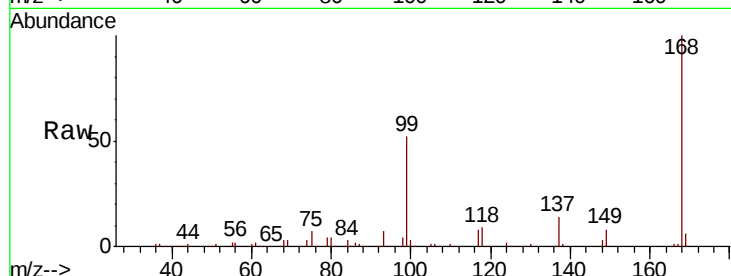
99 52.0 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

120000 Ion 98.90 (98.60 to 99.60): VX0

100000

80000

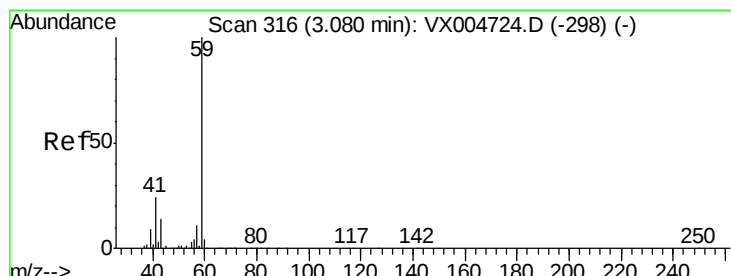
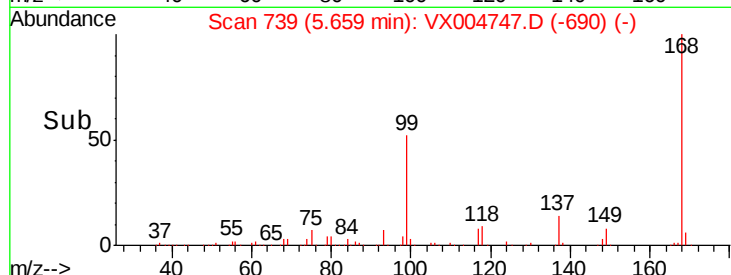
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 26.422 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004747.D

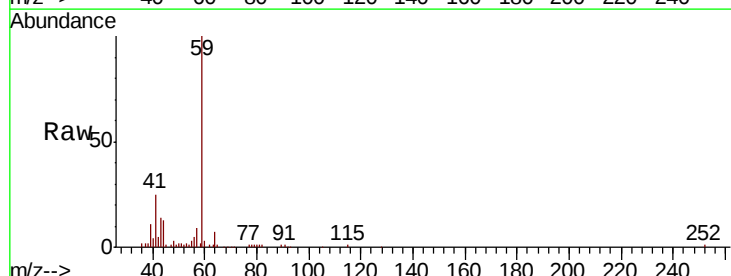
Acq: 27 Sep 2018 02:24

Tgt Ion: 59 Resp: 29399

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

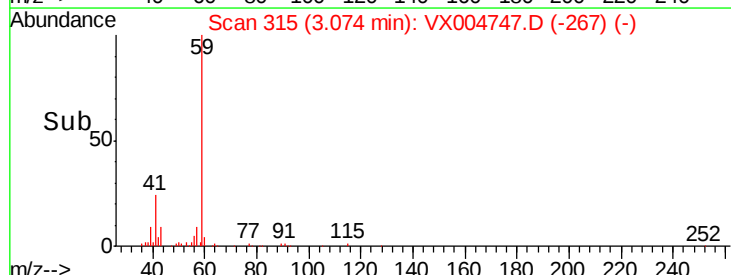
15000 Ion 57.00 (56.70 to 57.70): VX0

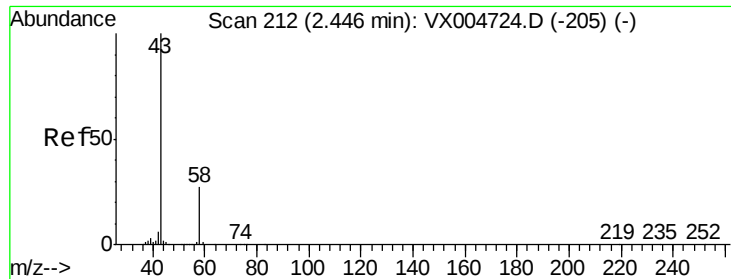
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Time-->





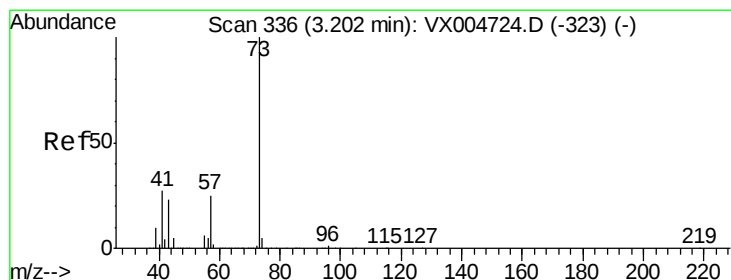
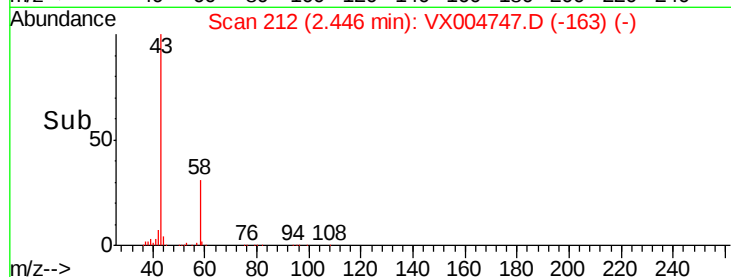
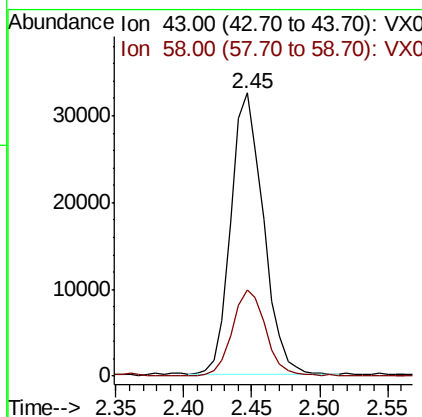
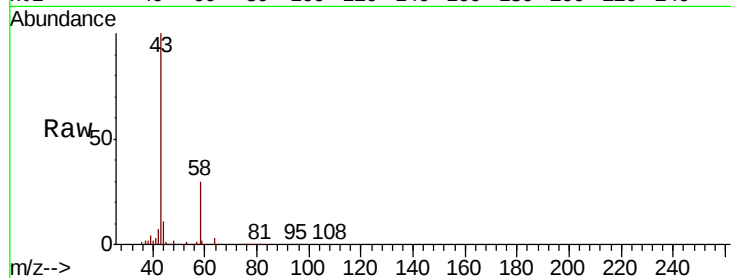
#16
Acetone
Concen: 23.231 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

Tot Ion: 43 Resp: 53971
Ion Ratio Lower Upper
43 100
58 30.3 26.2 39.4

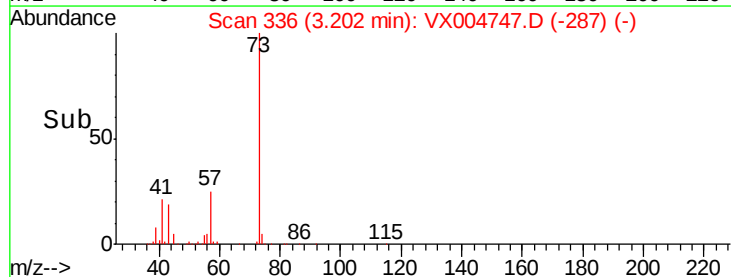
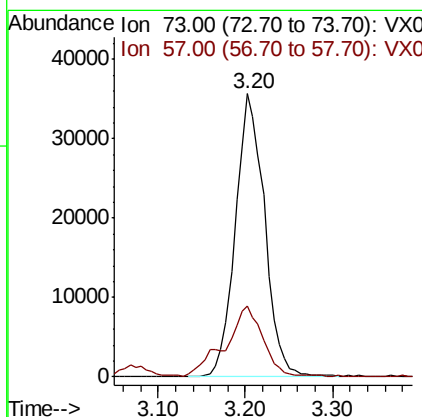
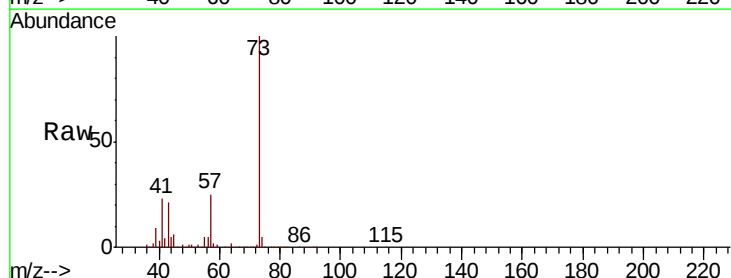
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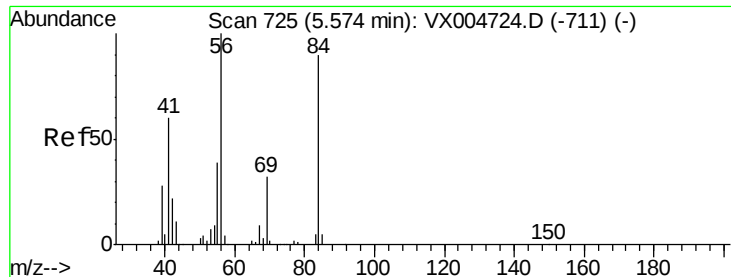
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#19
Methyl tert-butyl Ether
Concen: 7.945 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion: 73 Resp: 82718
Ion Ratio Lower Upper
73 100
57 24.6 17.1 25.7





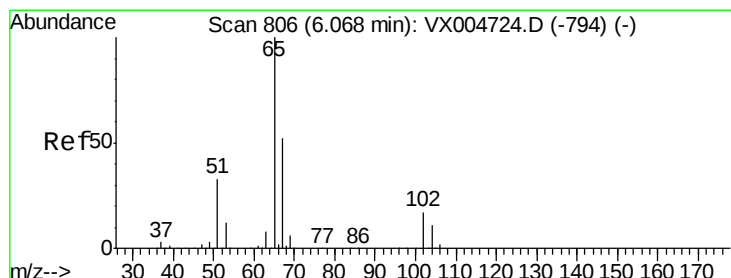
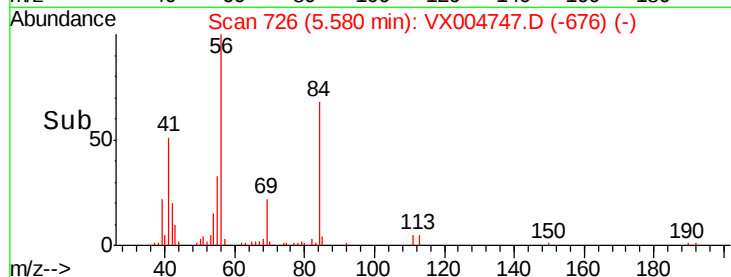
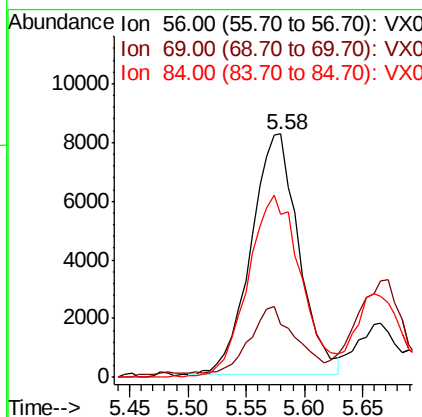
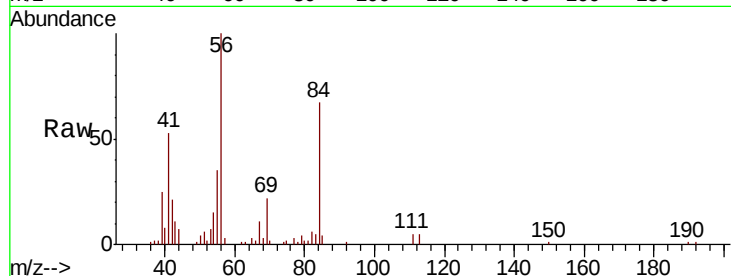
#31
Cyclohexane
Concen: 4.642 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.5	25.4	38.2#
84	66.8	71.4	107.2#

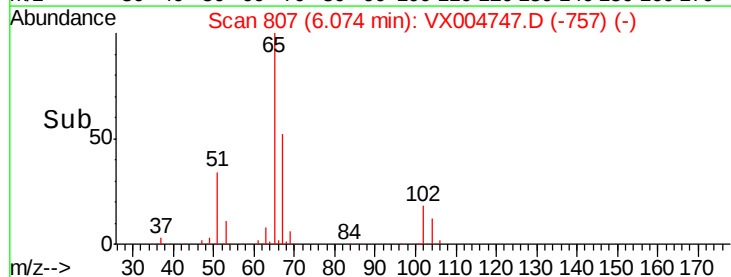
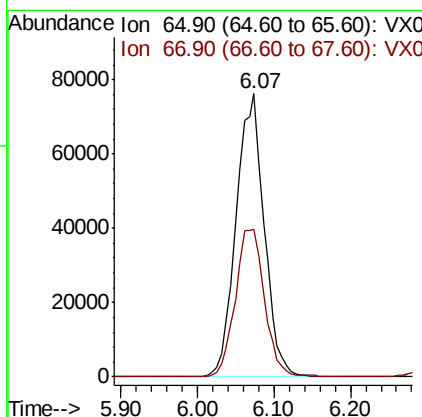
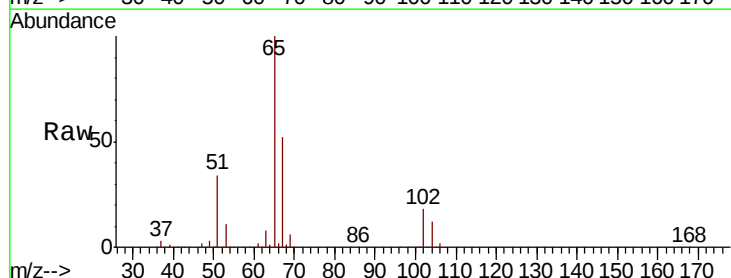
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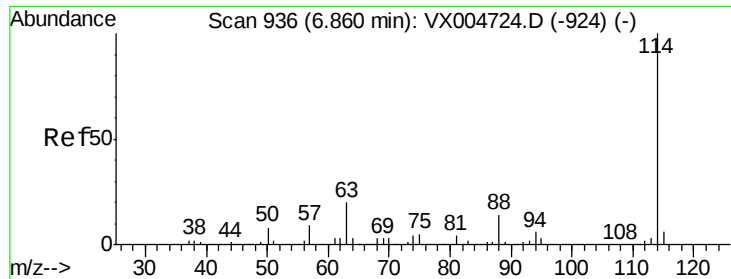
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#33
1,2-Dichloroethane-d4
Concen: 48.729 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8





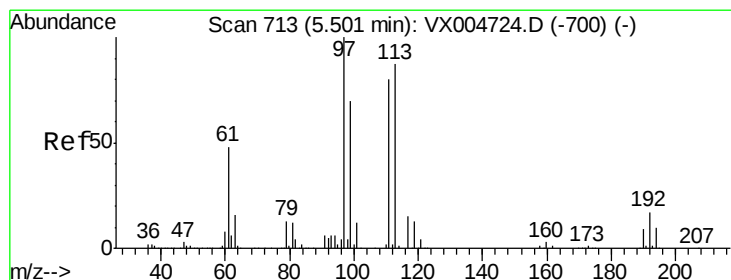
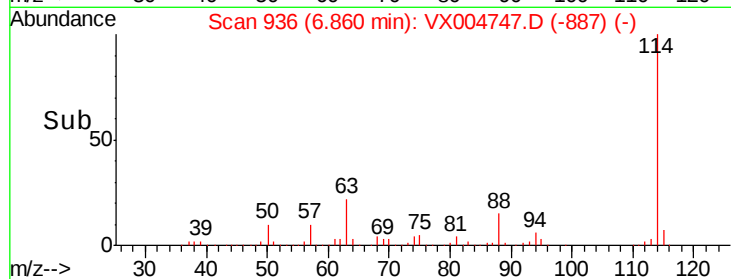
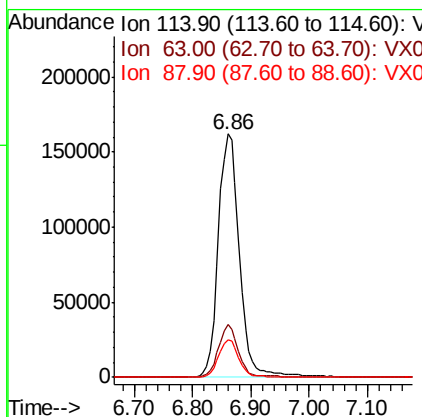
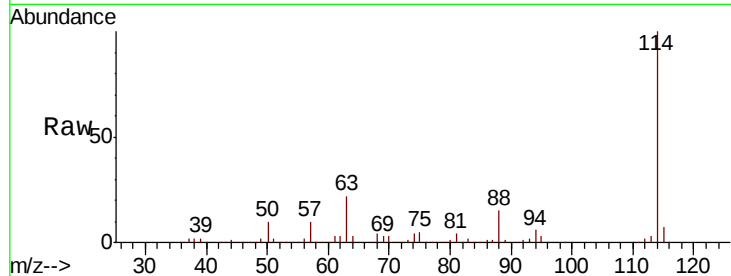
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004747.D
 Acq: 27 Sep 2018 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-1-8.0-092018

Tot Ion	Ratio	Resp	Lower	Upper
114	100	409345		
63	21.5		0.0	39.0
88	15.5		0.0	30.4

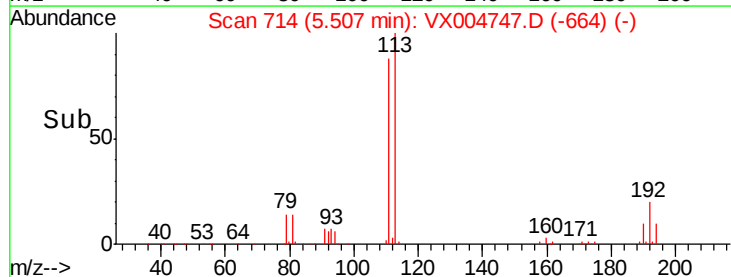
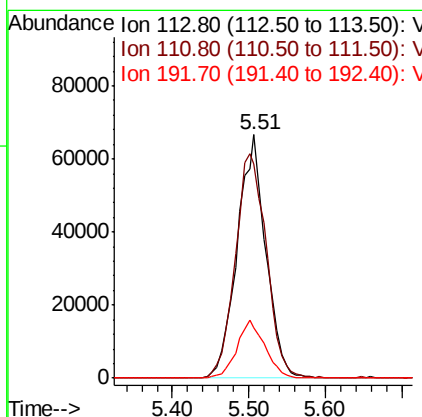
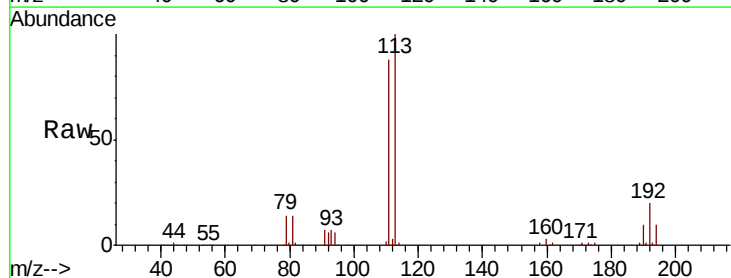
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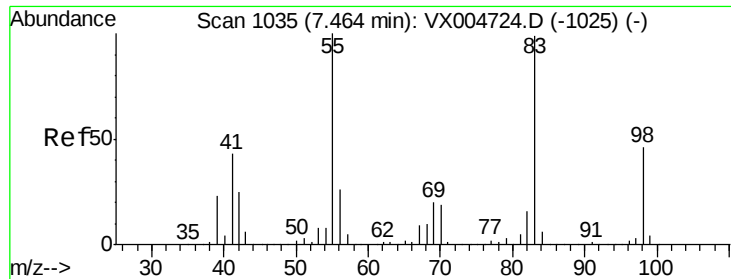
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#35
 Dibromofluoromethane
 Concen: 49.761 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004747.D
 Acq: 27 Sep 2018 02:24

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	172633		
111	100.3		82.4	123.6
192	23.2		19.4	29.2





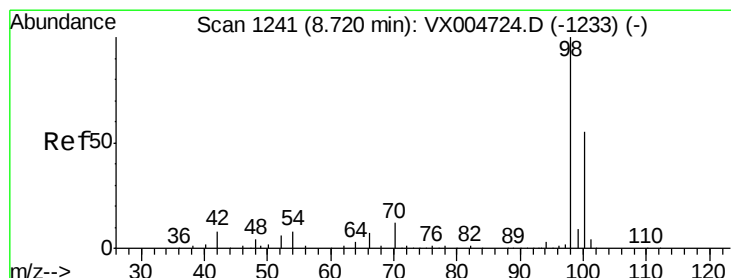
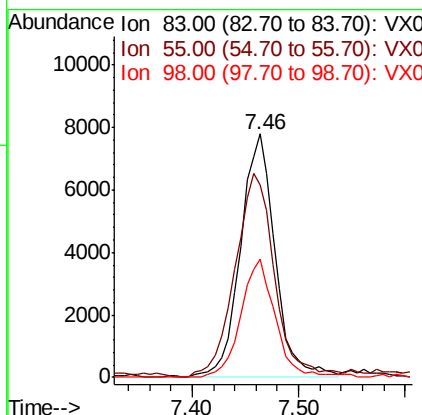
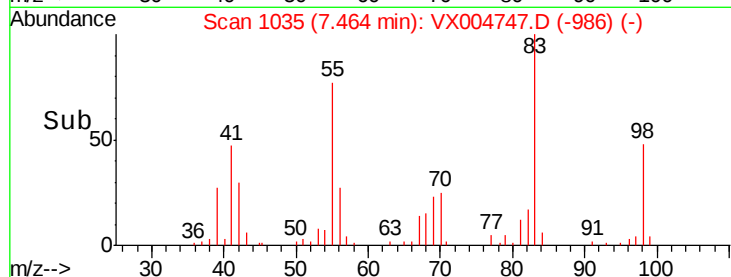
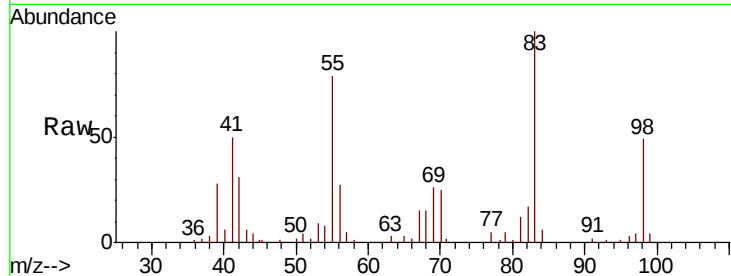
#39
Methvlcvclohexane
Concen: 3.683 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

Tot Ion	83	Resp	17802
Ion Ratio	Lower	Upper	
83	100		
55	79.2	61.0	91.4
98	48.6	39.6	59.4

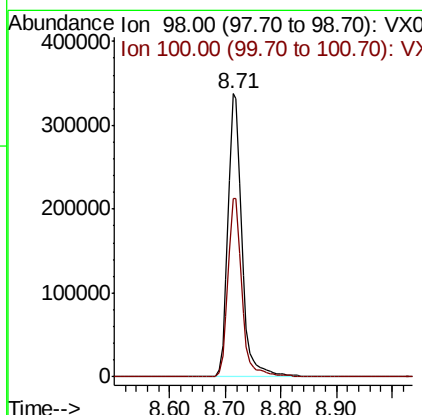
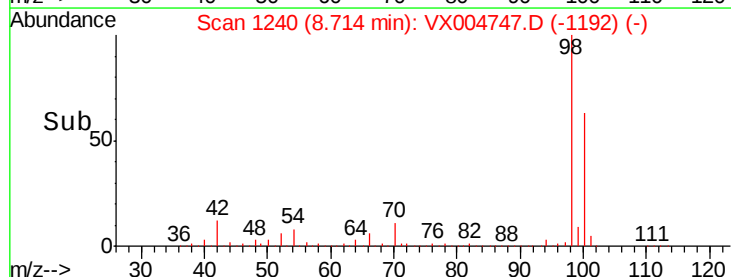
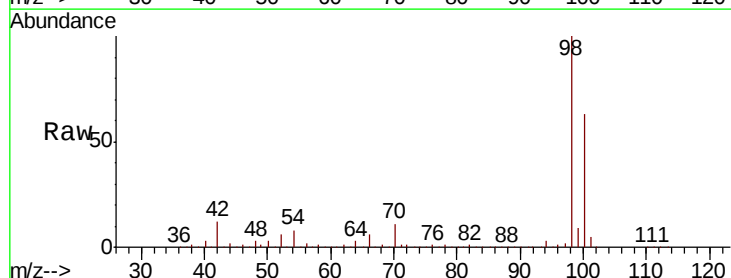
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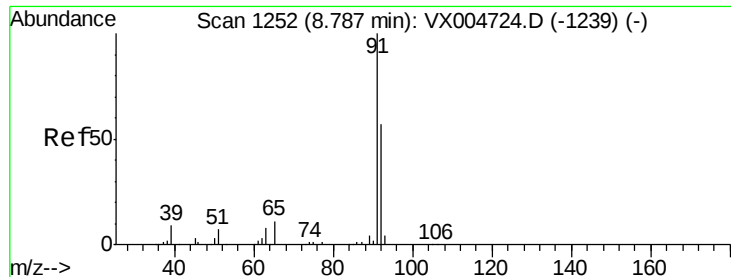
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#50
Toluene-d8
Concen: 50.834 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion	98	Resp	586293
Ion Ratio	Lower	Upper	
98	100		
100	63.4	52.9	79.3





#52

Toluene

Concen: 0.448 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004747.D

Acq: 27 Sep 2018 02:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-092018

Tot Ion: 92 Resp: 3650

Ion Ratio Lower Upper

92 100

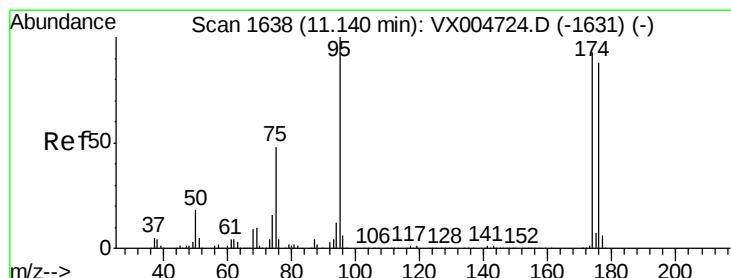
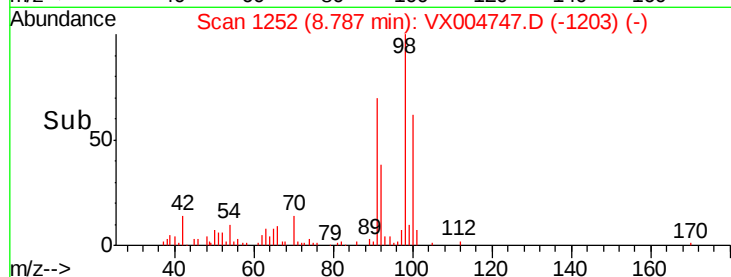
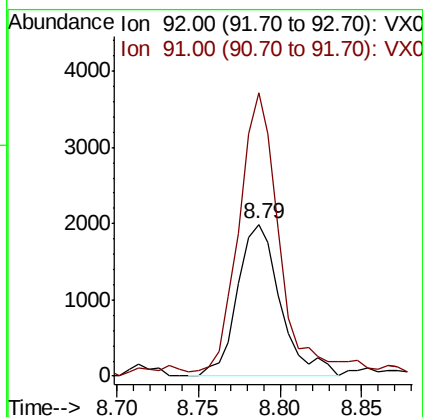
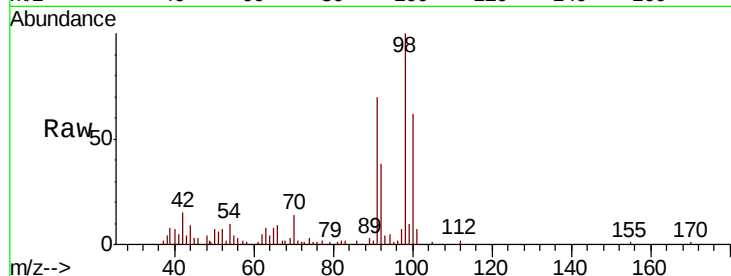
91 175.2 136.4 204.6

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#62

4-Bromofluorobenzene

Concen: 52.218 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004747.D

Acq: 27 Sep 2018 02:24

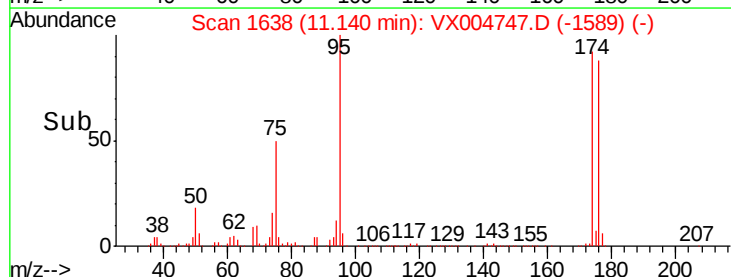
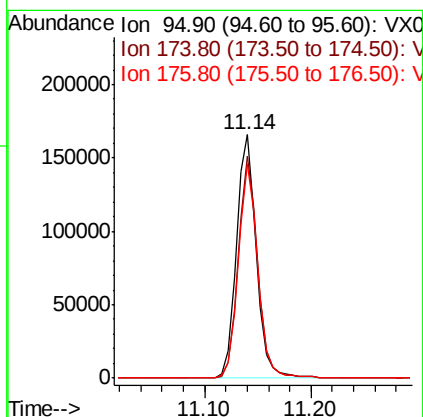
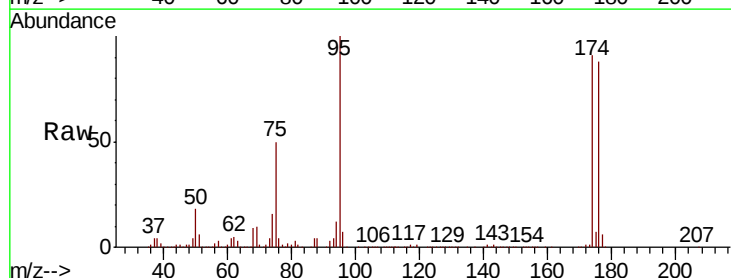
Tgt Ion: 95 Resp: 216967

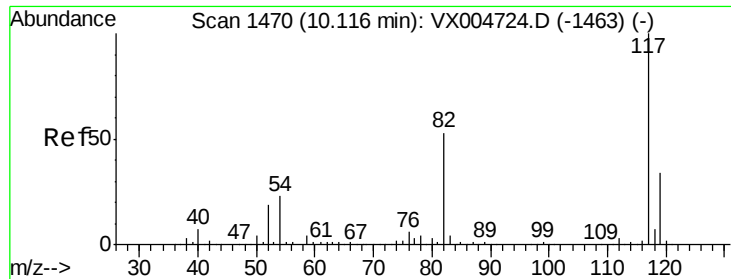
Ion Ratio Lower Upper

95 100

174 89.5 0.0 185.2

176 86.7 0.0 178.6





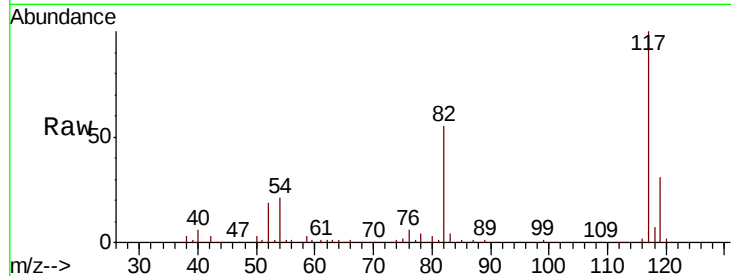
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

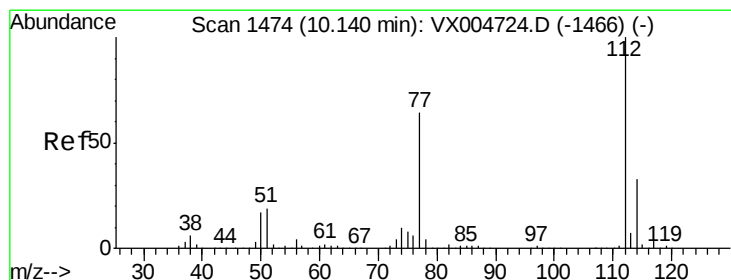
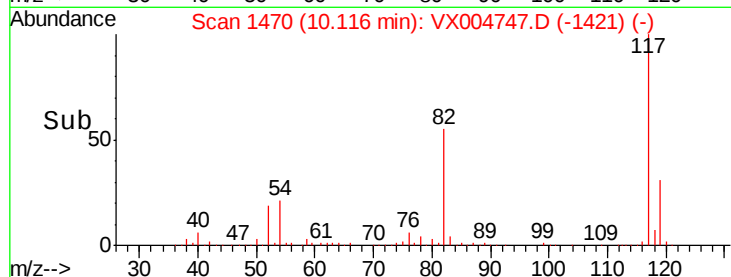
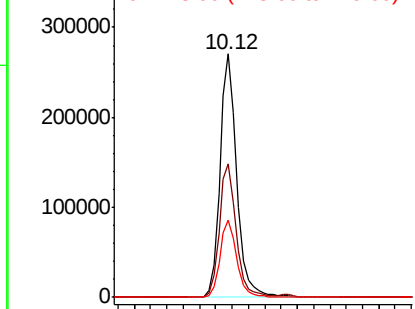
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.6
119	31.5	29.3	43.9

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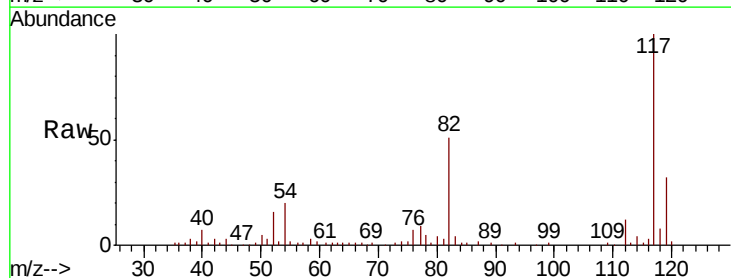


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

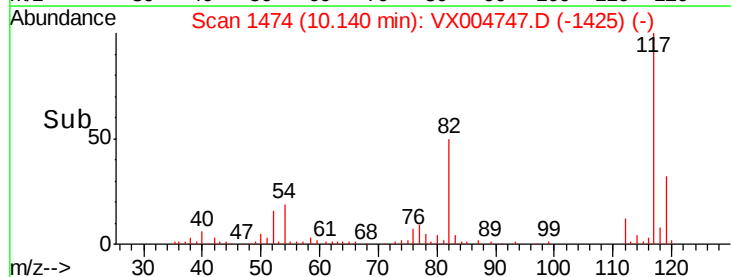
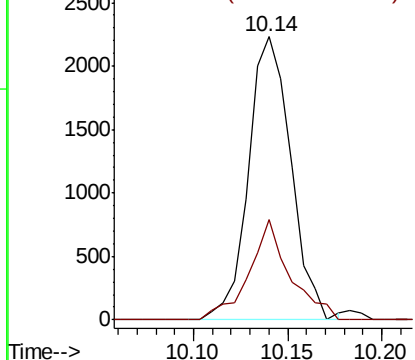


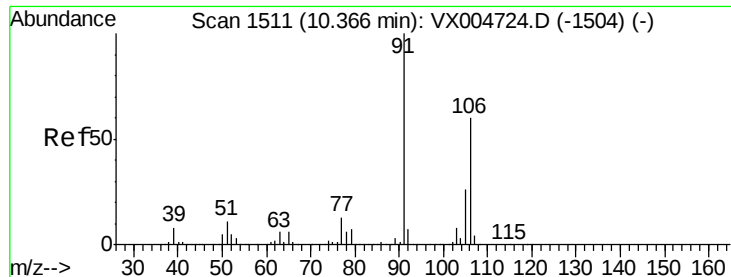
#65
Chlorobenzene
Concen: 0.351 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.5	27.8	41.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





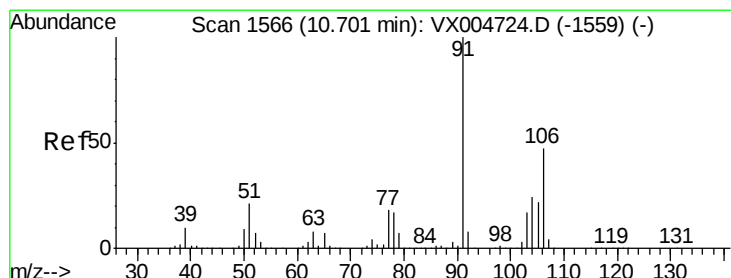
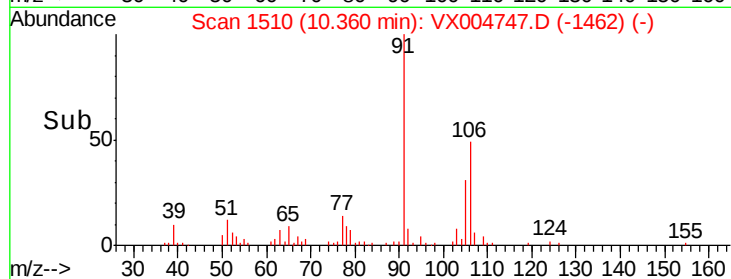
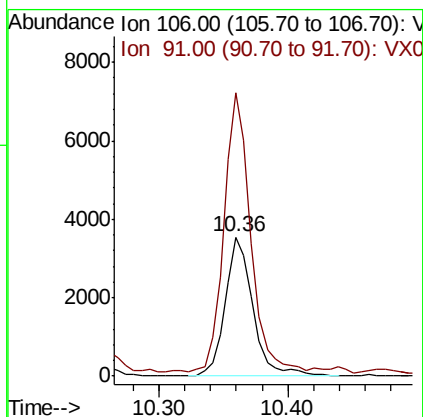
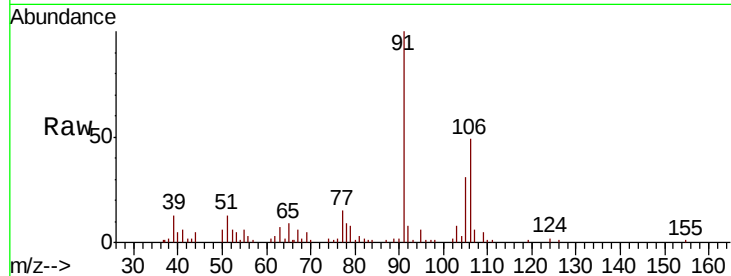
#68
m/p-Xylenes
Concen: 0.873 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

Tot Ion:106 Resp: 5379
Ion Ratio Lower Upper
106 100
91 190.8 157.1 235.7

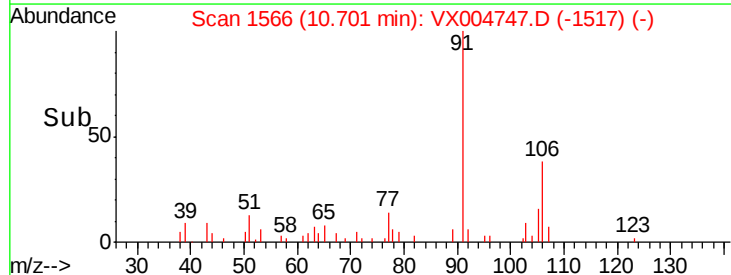
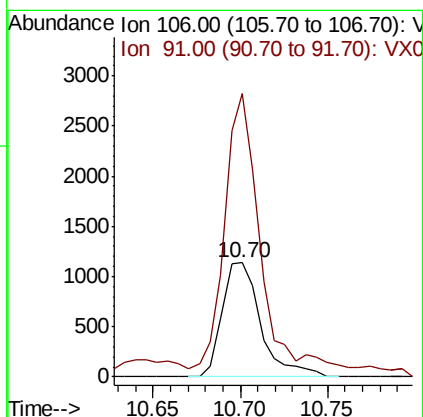
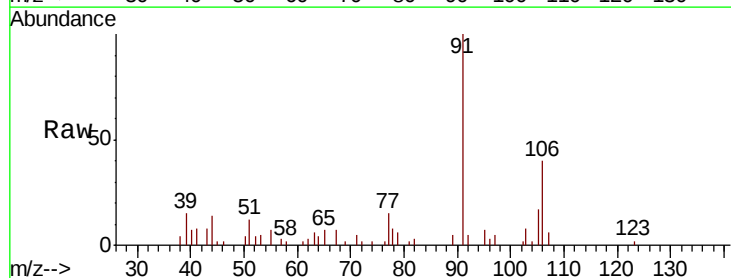
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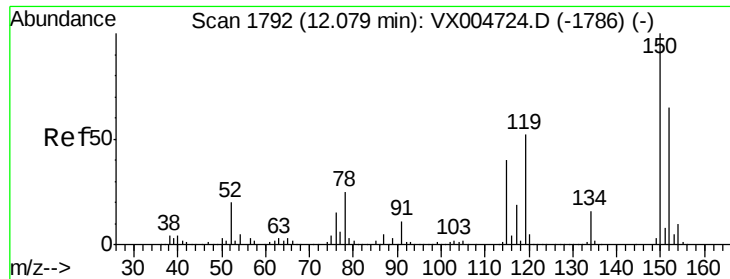
MMDadoda
9/27/2018 12:51:04 PM



#69
o-Xylene
Concen: 0.309 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion:106 Resp: 1747
Ion Ratio Lower Upper
106 100
91 248.0 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004747.D

Acq: 27 Sep 2018 02:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-1-8.0-092018

Tot Ion:152 Resp: 223810

Ion Ratio Lower Upper

152 100

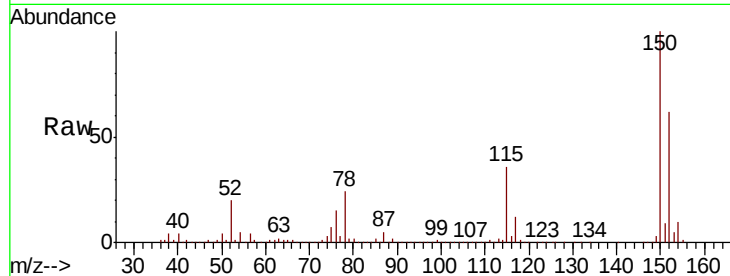
115 56.4 39.0 117.0

150 156.8 0.0 351.0

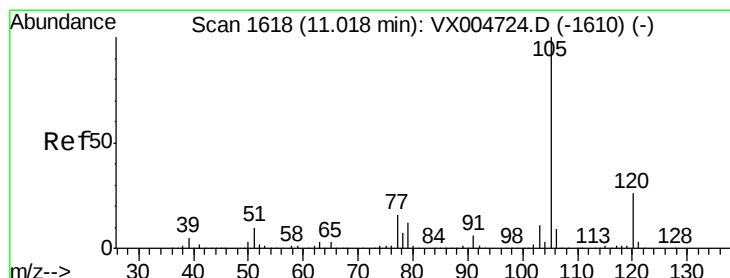
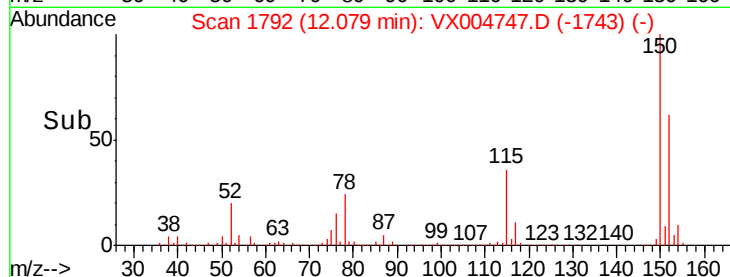
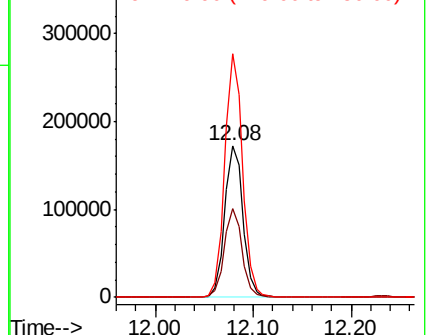
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004747.D

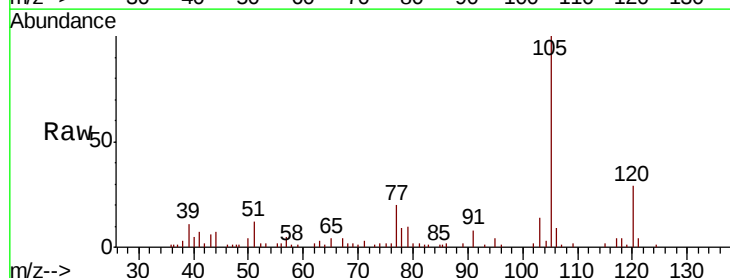
Acq: 27 Sep 2018 02:24

Tgt Ion:105 Resp: 9206

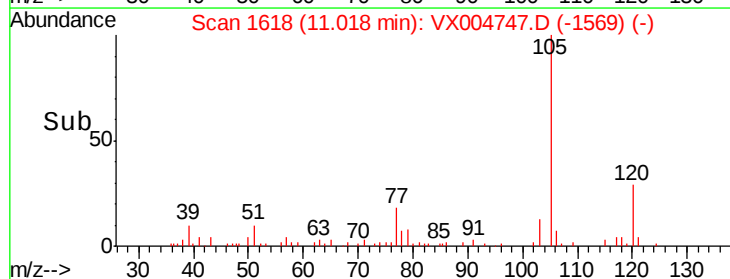
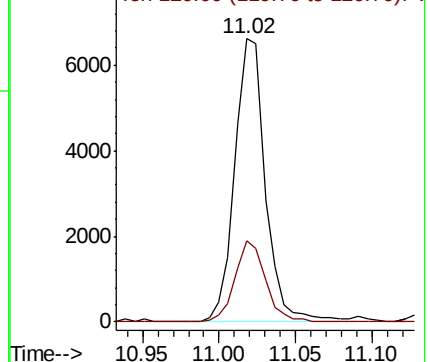
Ion Ratio Lower Upper

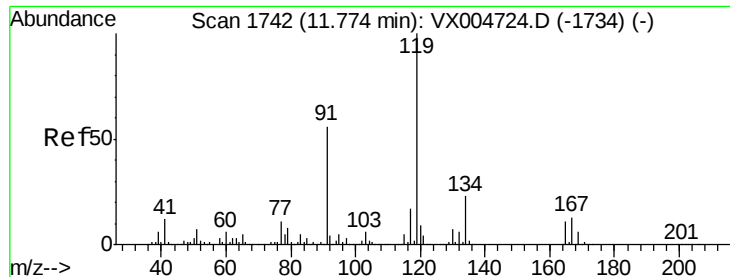
105 100

120 28.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





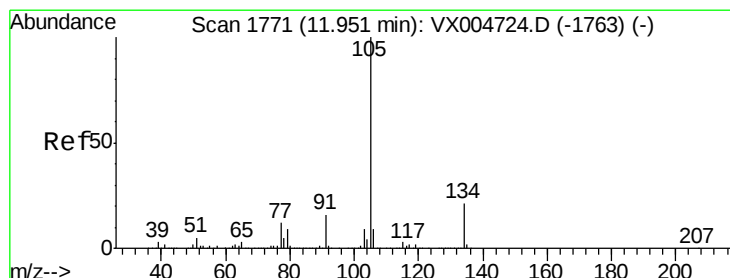
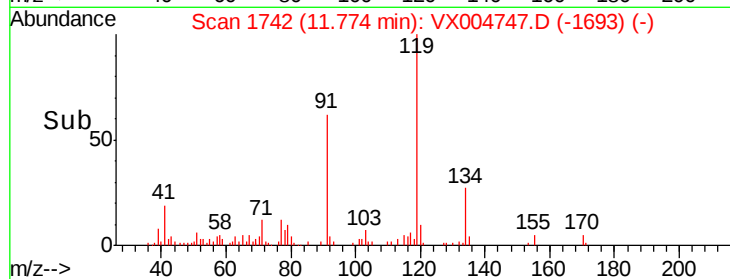
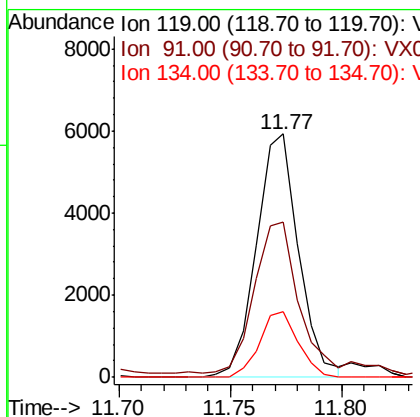
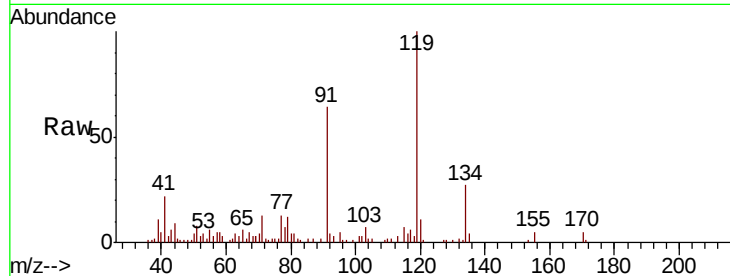
#83
tert-Butylbenzene
Concen: 0.672 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-1-8.0-092018

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	27.0	81.0
134	24.7	11.7	35.1

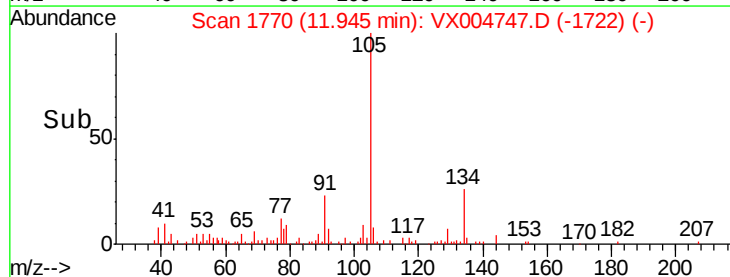
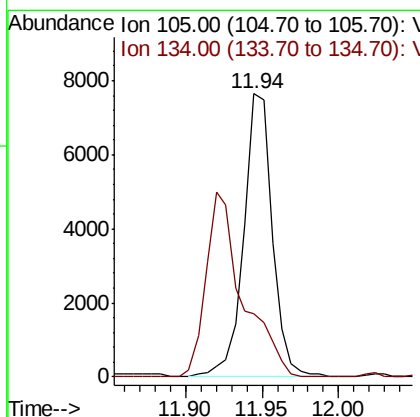
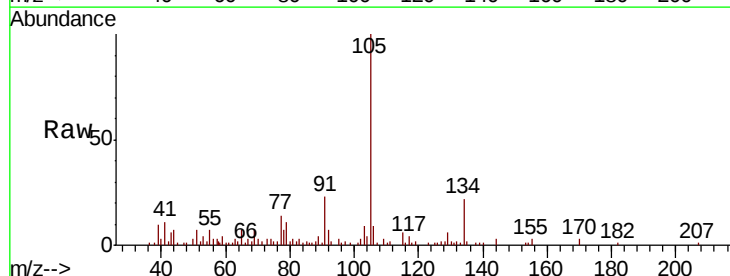
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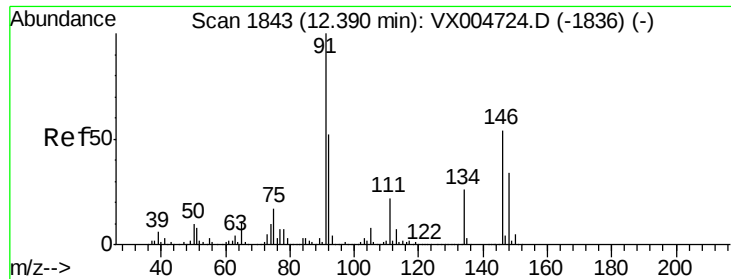
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#85
sec-Butylbenzene
Concen: 0.703 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004747.D
Acq: 27 Sep 2018 02:24

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.5	31.5#





#89
 n-Butylbenzene
 Concen: 0.560 ug/l m
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004747.D
 Acq: 27 Sep 2018 02:24

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-1-8.0-092018

Tot Ion	Ratio	Lower	Upper
91	100		
92	67.2	27.3	81.9
134	182.3	13.6	40.7#

Manual Integrations
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