

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005133.D
 Acq On : 08 Oct 2018 17:49
 Operator : JC/MD
 Sample : J5268-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

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 10/9/2018 1:47:49 PM

Quant Time: Oct 09 07:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143746	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.50	113	123432	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
50) Toluene-d8	8.72	98	486216	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	11.14	95	185757	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
Target Compounds						
16) Acetone	2.45	43	12590	7.10	ug/l	Qvalue # 88
25) 2-Butanone	4.71	43	8999	3.44	ug/l	93
31) Cyclohexane	5.57	56	589545	152.51	ug/l	93
39) Methylcyclohexane	7.46	83	312903	81.90	ug/l	87
44) Trichloroethene	7.22	130	1943	0.67	ug/l	97
52) Toluene	8.79	92	201929	31.37	ug/l	97
67) Ethyl Benzene	10.26	91	5495677	418.10	ug/l	98
68) m/p-Xylenes	10.37	106	2108495	410.50	ug/l	97
69) o-Xylene	10.70	106	743300	157.55	ug/l	99
73) Isopropylbenzene	11.02	105	315601	25.84	ug/l	99
78) n-propylbenzene	11.36	91	784141	55.96	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	697590	62.37	ug/l	100
83) tert-Butylbenzene	11.77	119	5781m	0.57	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	2815802	244.68	ug/l	99
85) sec-Butylbenzene	11.94	105	53621m	4.38	ug/l	
86) p-Isopropyltoluene	12.07	119	25016	2.25	ug/l	# 77
89) n-Butylbenzene	12.38	91	97050	9.63	ug/l	# 22
95) Naphthalene	13.83	128	2883158	177.03	ug/l	100

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

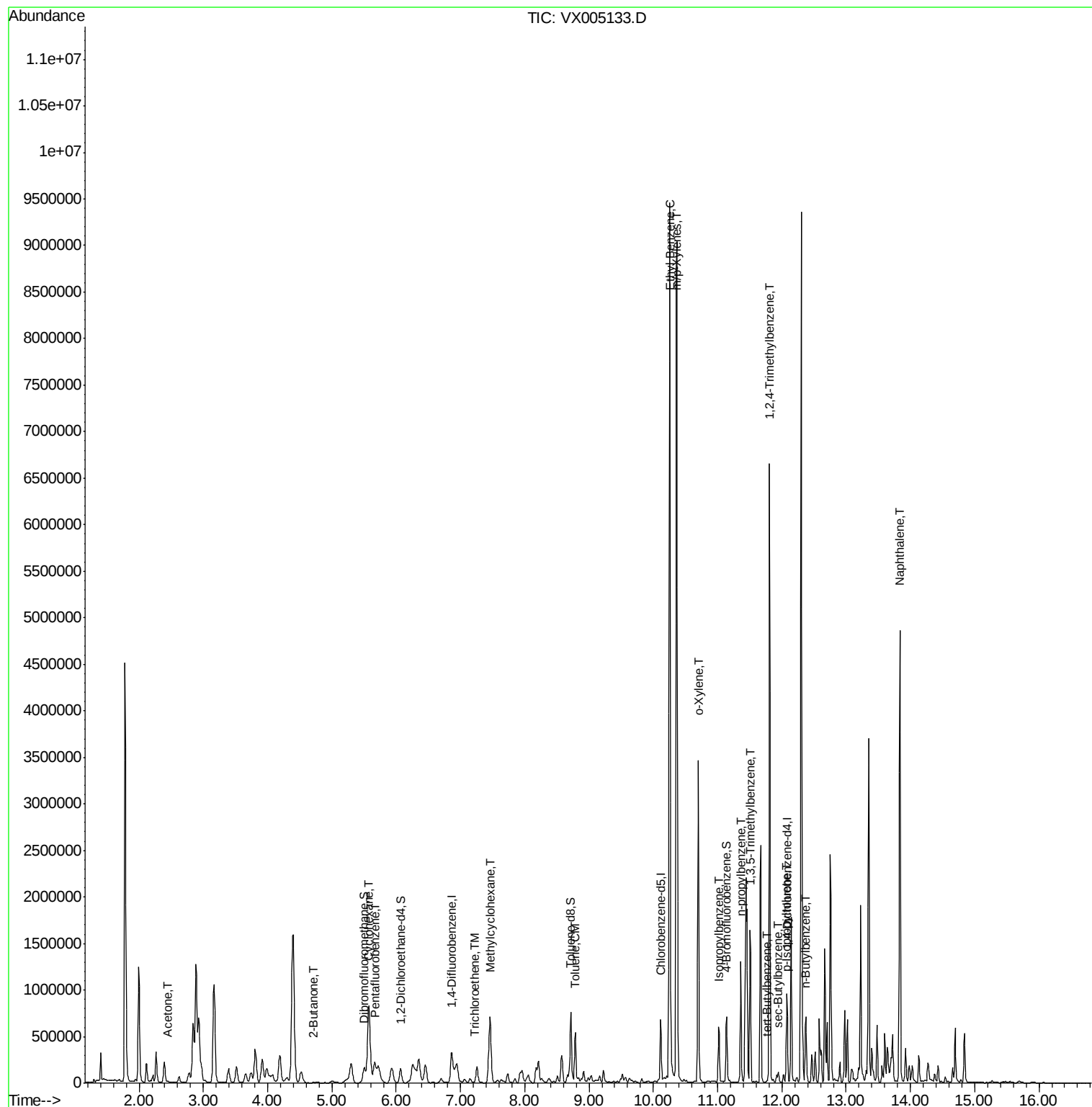
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005133.D
Acq On : 08 Oct 2018 17:49
Operator : JC/MD
Sample : J5268-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

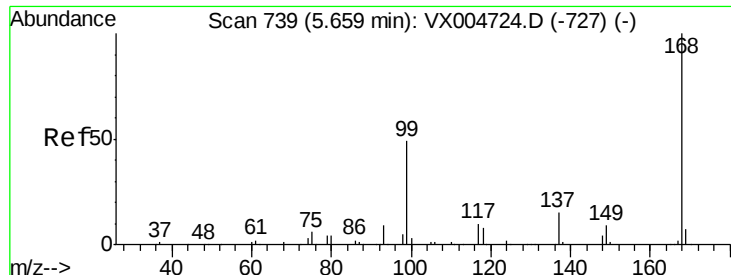
Instrument :
MSVOA_X
ClientSampleId :
MW-10

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Quant Time: Oct 09 07:33:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion:168 Resp: 212674

Ion Ratio Lower Upper

168 100

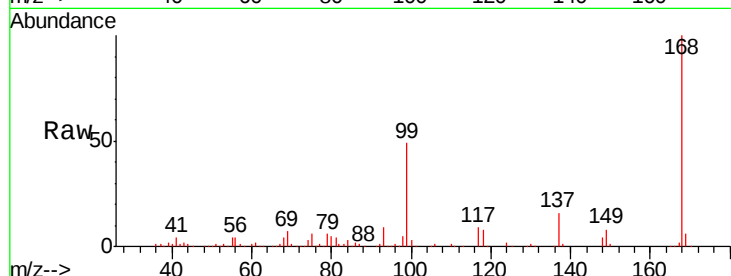
99 49.4 39.3 58.9

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

5.67

80000

60000

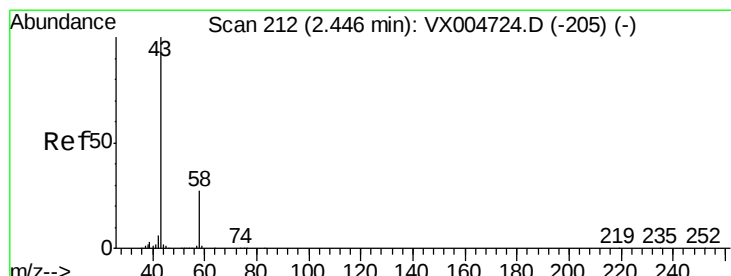
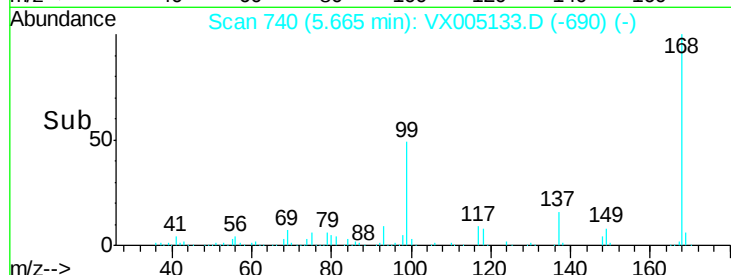
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 7.10 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005133.D

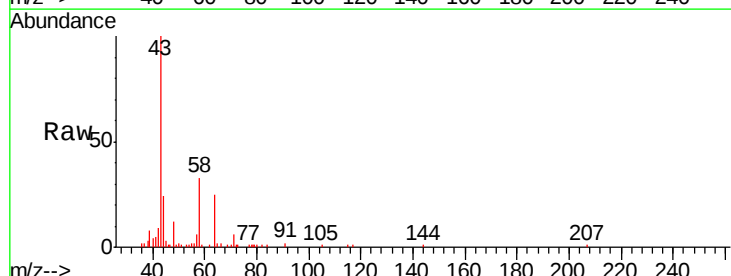
Acq: 08 Oct 2018 17:49

Tgt Ion: 43 Resp: 12590

Ion Ratio Lower Upper

43 100

58 33.2 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

50000

40000

30000

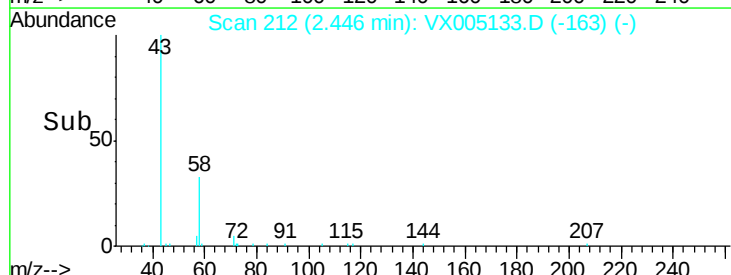
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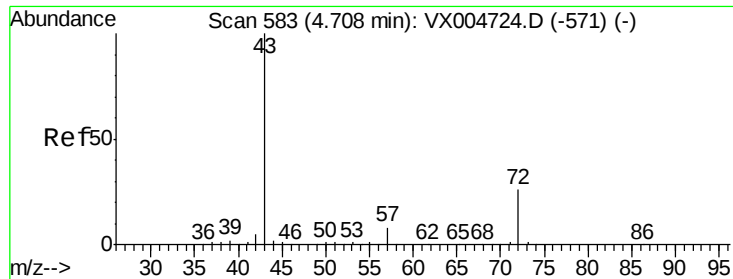
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0

Time-->

2.40 2.45 2.50





#25

2-Butanone

Concen: 3.44 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion: 43 Resp: 8999

Ion Ratio Lower Upper

43 100

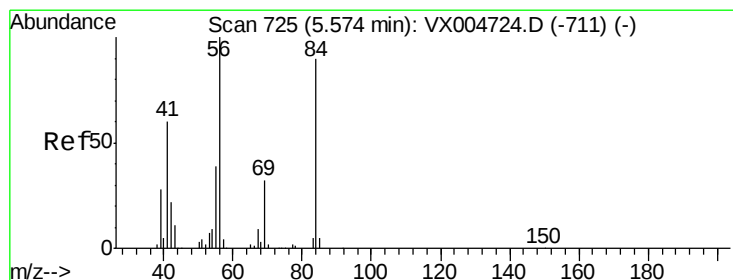
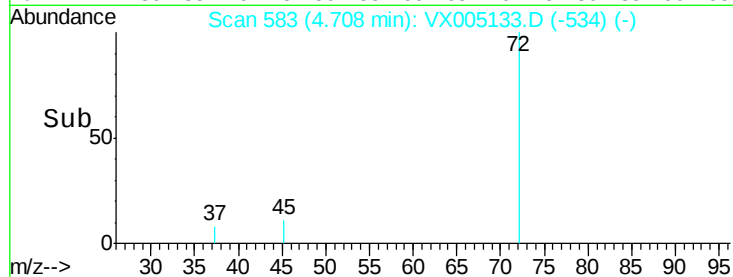
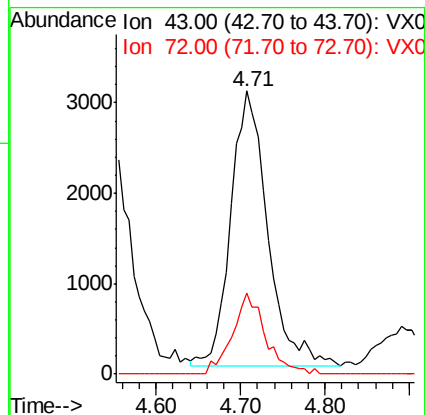
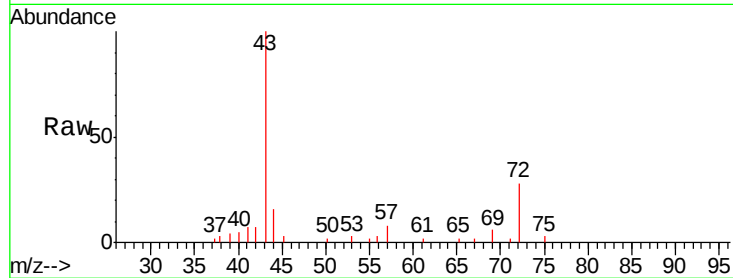
72 29.4 20.8 31.2

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#31

Cyclohexane

Concen: 152.51 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

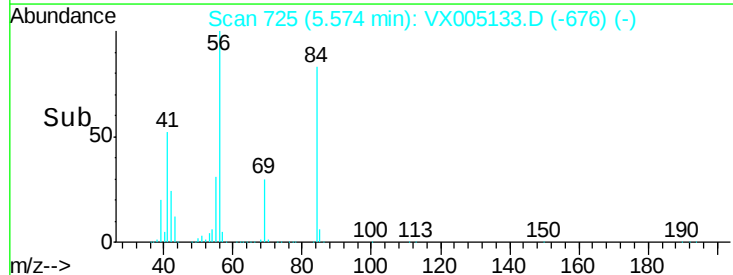
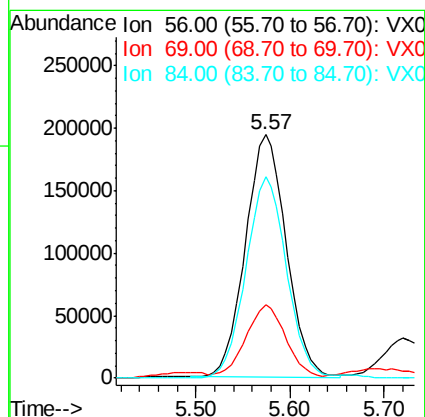
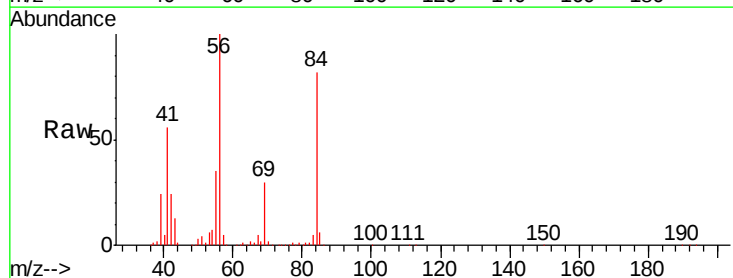
Tgt Ion: 56 Resp: 589545

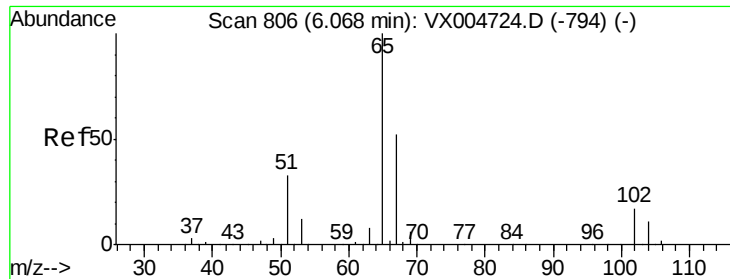
Ion Ratio Lower Upper

56 100

69 28.4 25.9 38.9

84 82.9 71.9 107.9





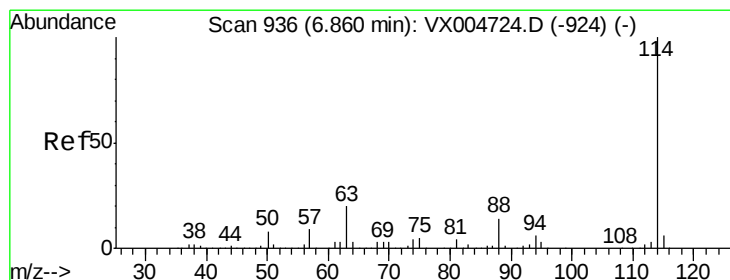
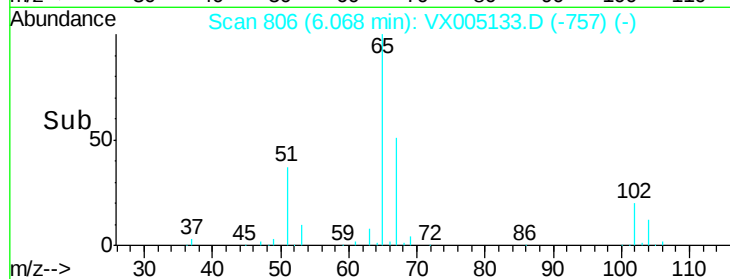
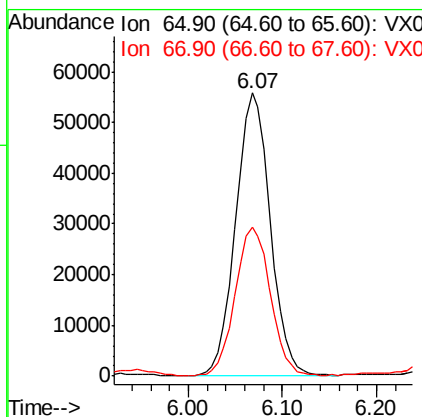
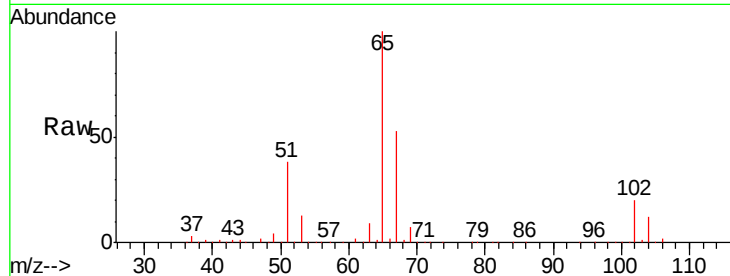
#33
 1,2-Dichloroethane-d4
 Concen: 47.32 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

Tgt Ion: 65 Resp: 143746
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4

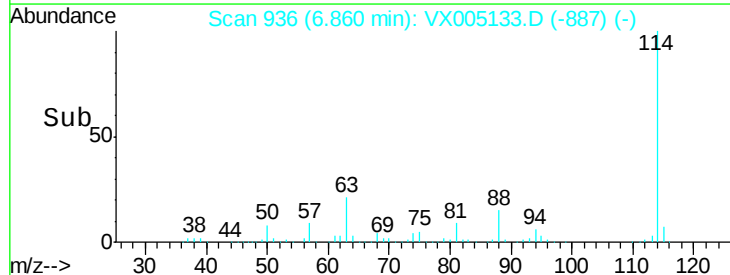
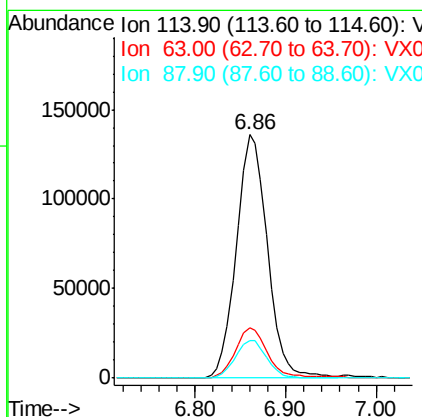
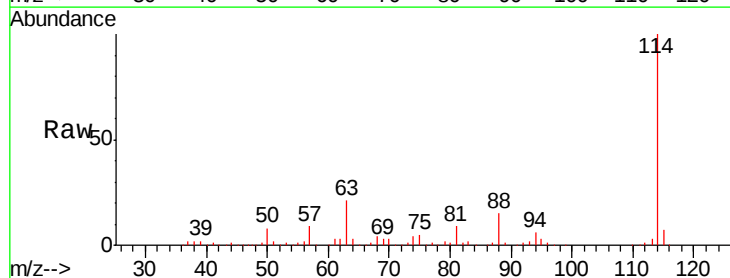
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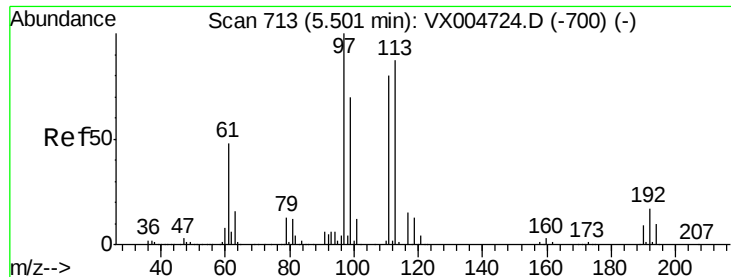
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Tgt Ion: 114 Resp: 323582
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.3 0.0 27.0





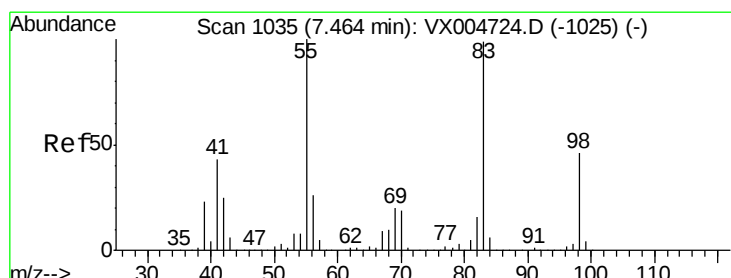
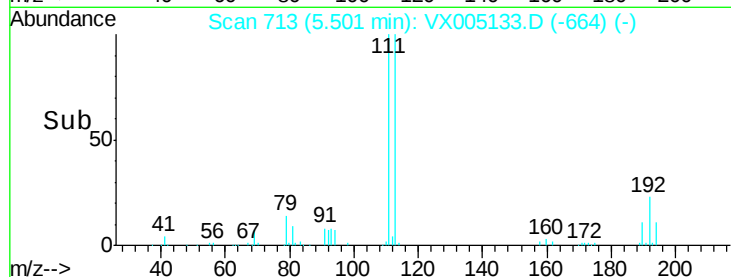
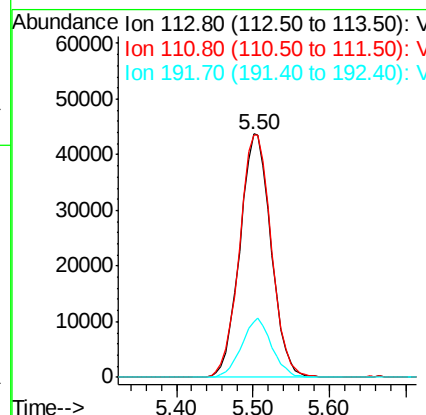
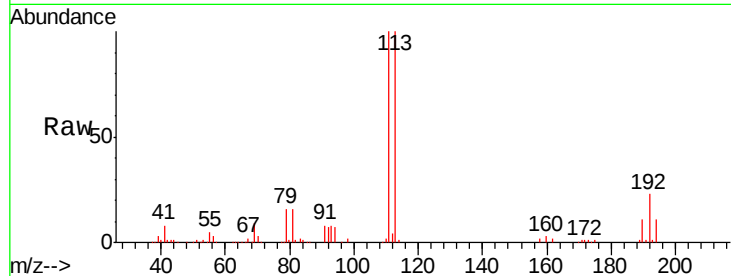
#35
Dibromofluoromethane
Concen: 45.01 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Instrument :
MSVOA_X
ClientSampled :
MW-10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	77.0	115.4
192	23.4	17.0	25.6

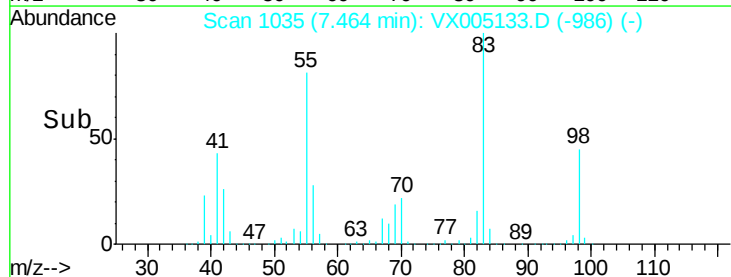
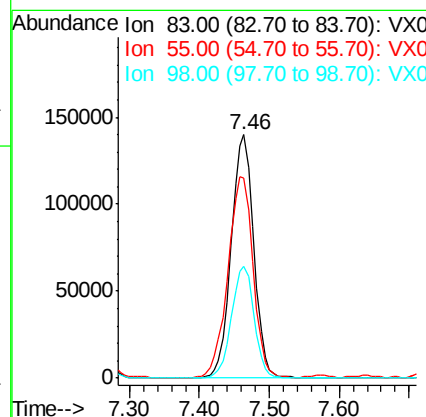
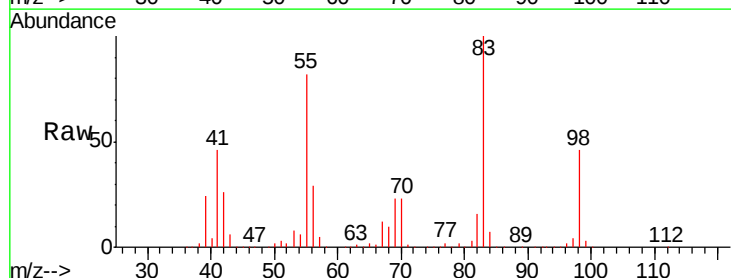
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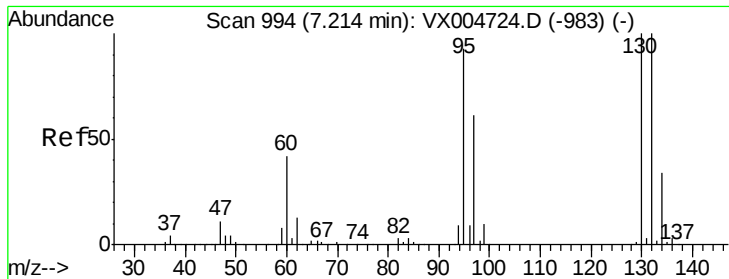
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#39
Methylcyclohexane
Concen: 81.90 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.1	81.1	121.7
98	46.0	37.3	55.9





#44

Trichloroethene

Concen: 0.67 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tgt Ion:130 Resp: 1943

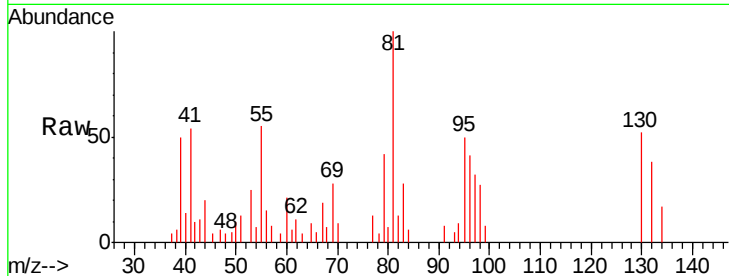
Ion Ratio Lower Upper

130 100

95 96.1 0.0 186.8

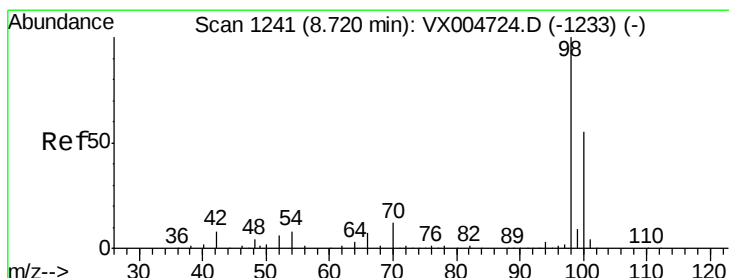
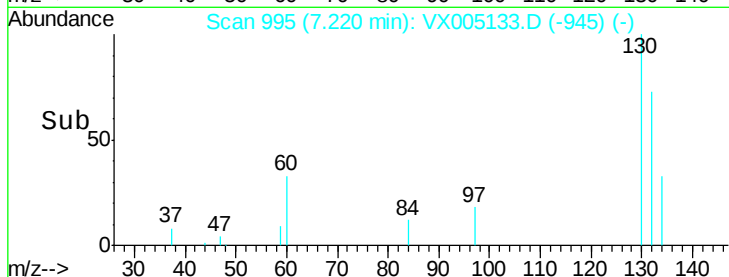
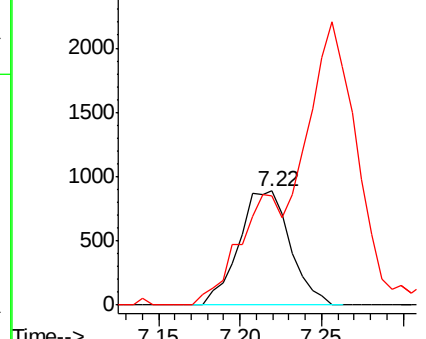
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.33 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005133.D

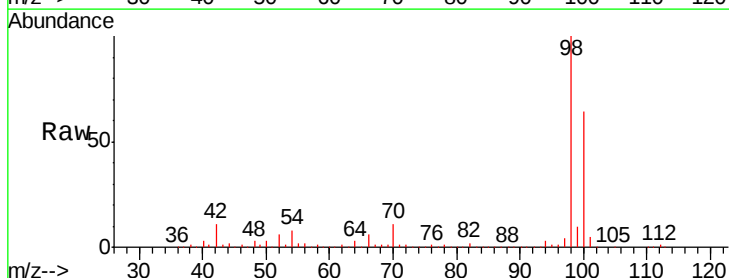
Acq: 08 Oct 2018 17:49

Tgt Ion: 98 Resp: 486216

Ion Ratio Lower Upper

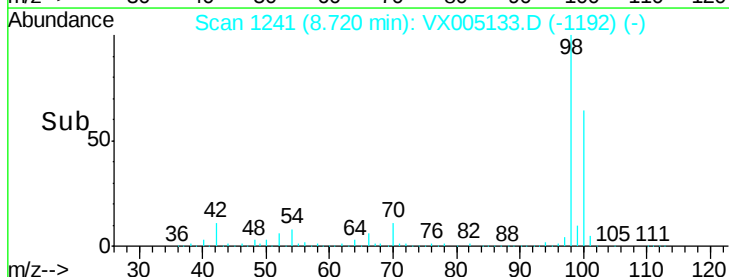
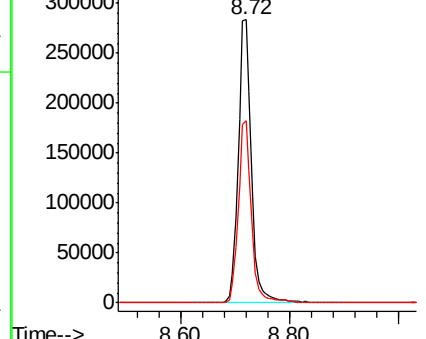
98 100

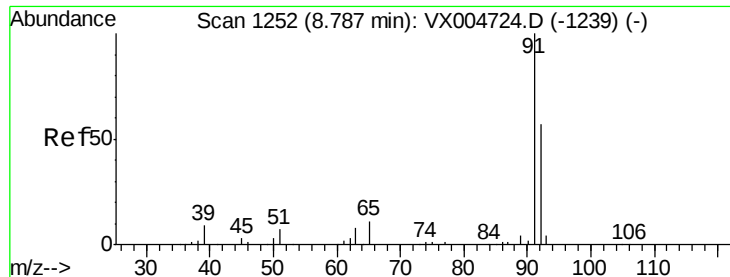
100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 31.37 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tgt Ion: 92 Resp: 201929

Ion Ratio Lower Upper

92 100

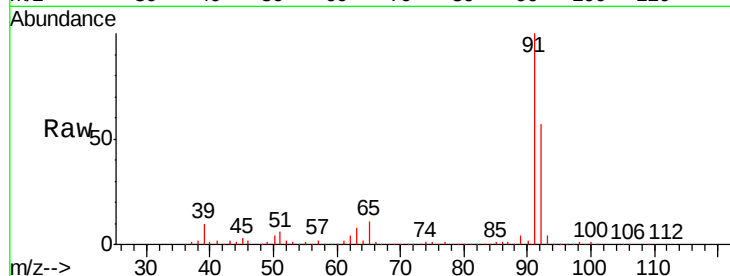
91 175.0 136.7 205.1

Manual Integrations

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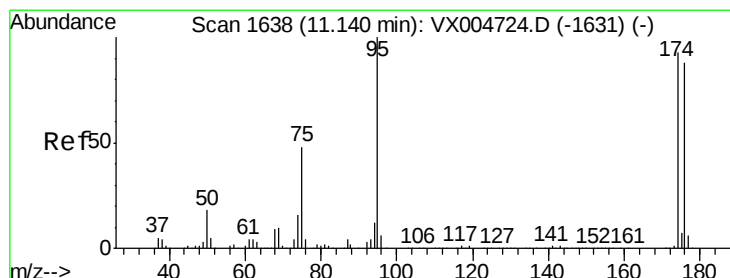
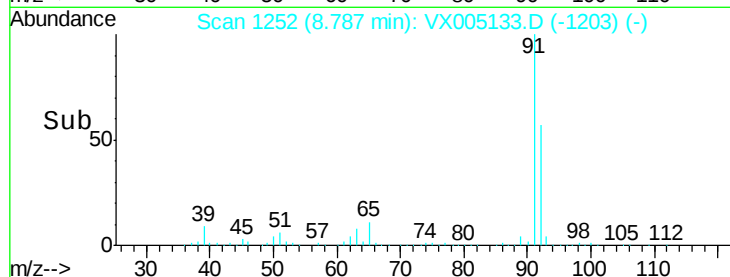
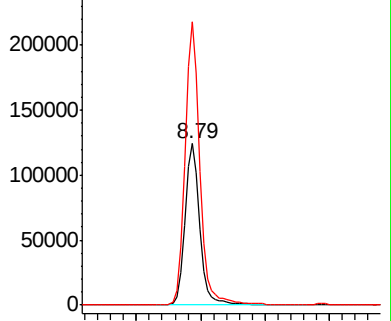
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.56 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

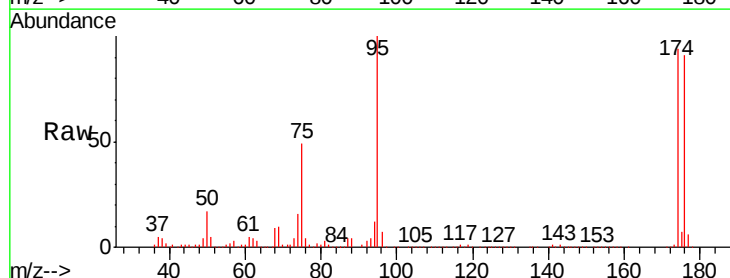
Tgt Ion: 95 Resp: 185757

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

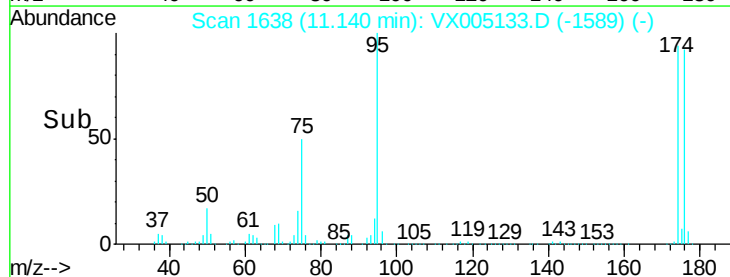
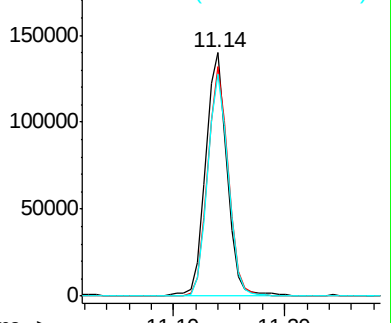
176 88.6 0.0 180.2

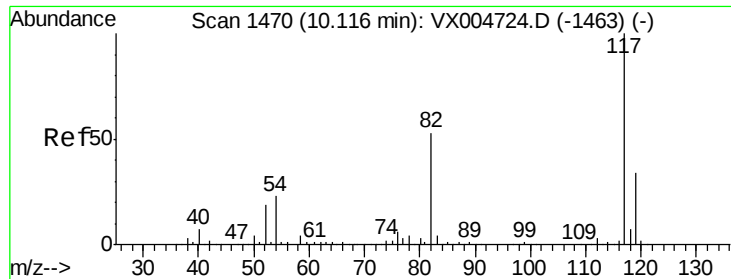


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





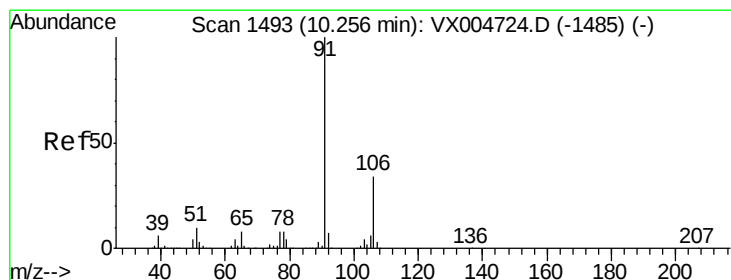
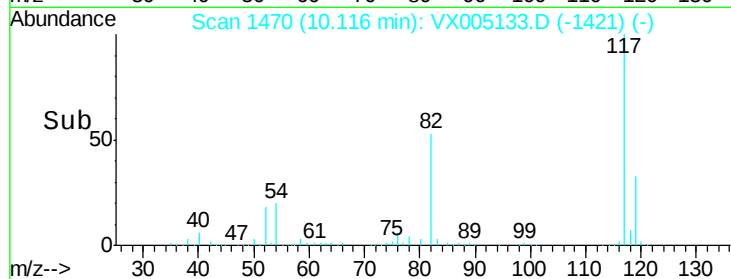
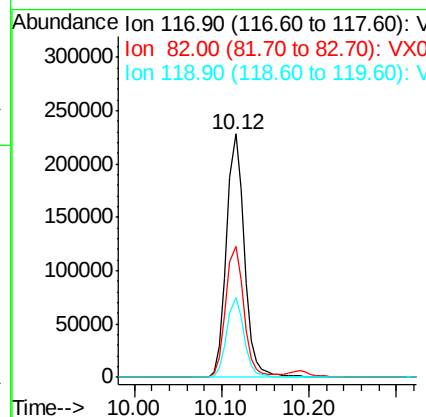
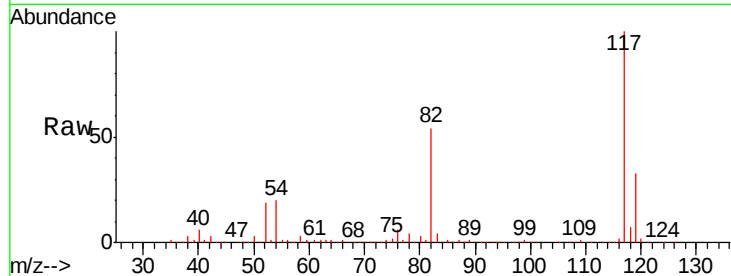
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.4
119	32.5	27.4	41.0

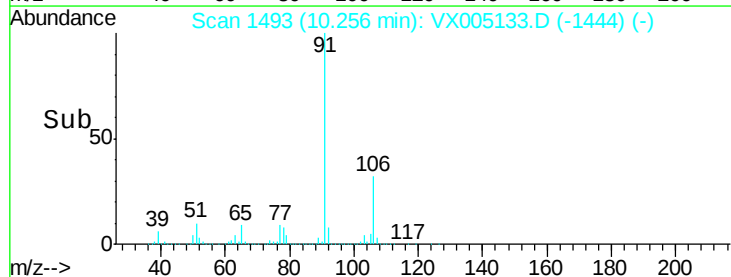
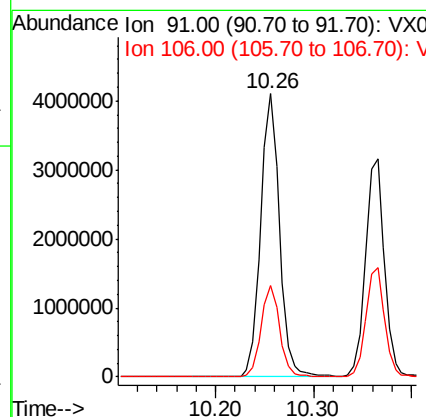
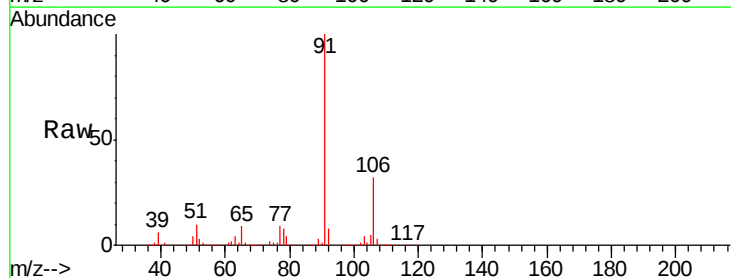
Manual Integrations
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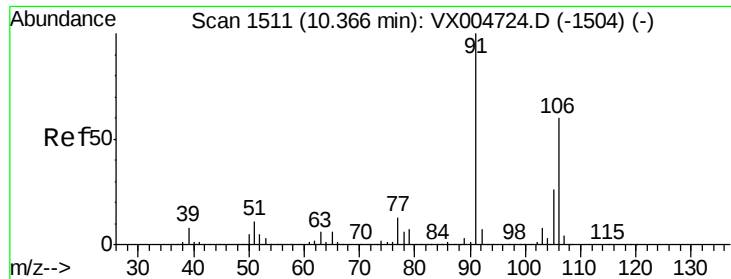
MMDadoda
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#67
Ethyl Benzene
Concen: 418.10 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	26.9	40.3





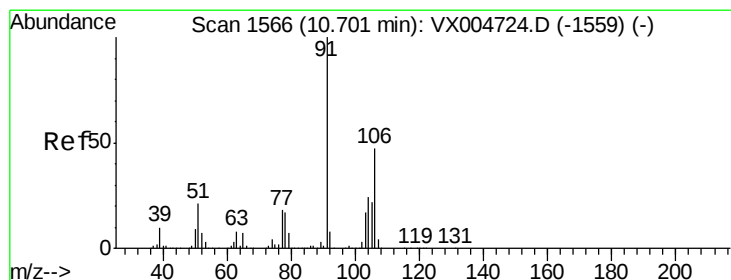
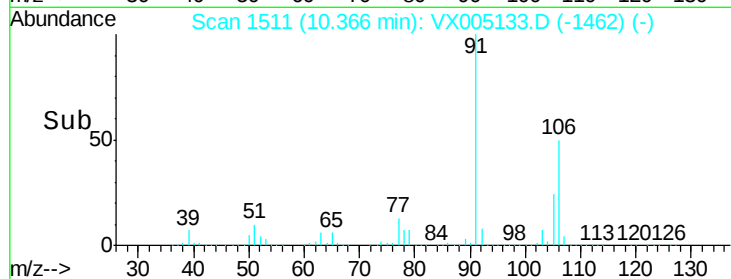
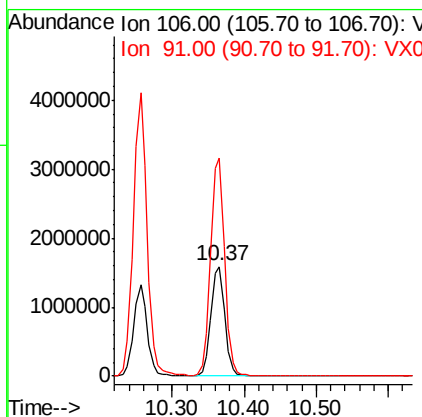
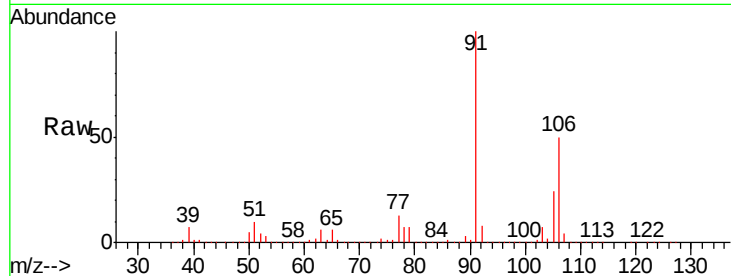
#68
m/p-Xylenes
Concen: 410.50 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:106 Resp: 2108495
Ion Ratio Lower Upper
106 100
91 201.5 157.5 236.3

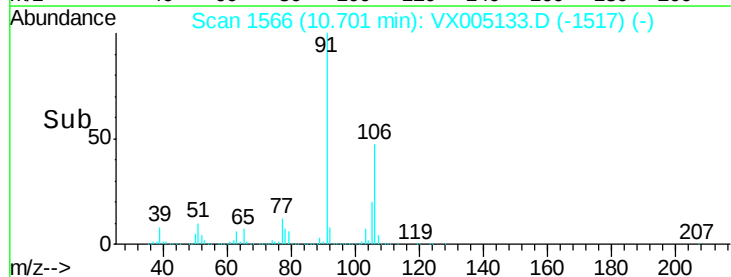
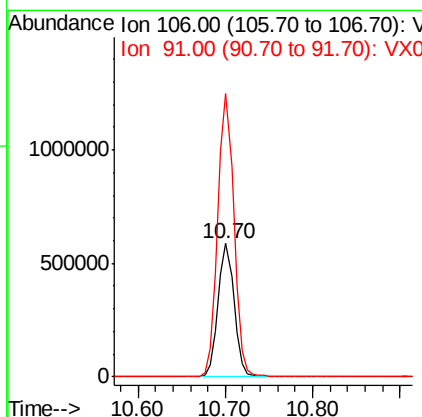
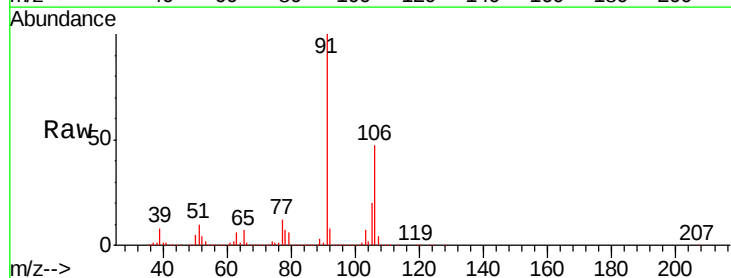
Manual Integrations
APPROVED

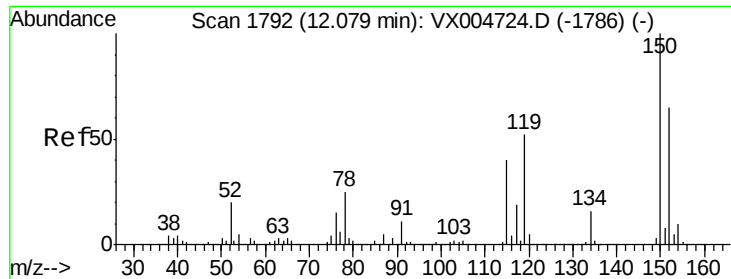
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#69
o-Xylene
Concen: 157.55 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Tgt Ion:106 Resp: 743300
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Instrument :

MSVOA_X

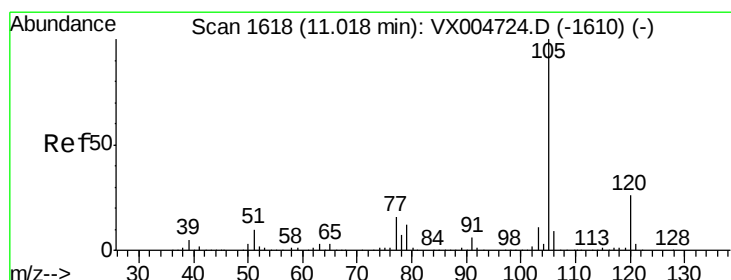
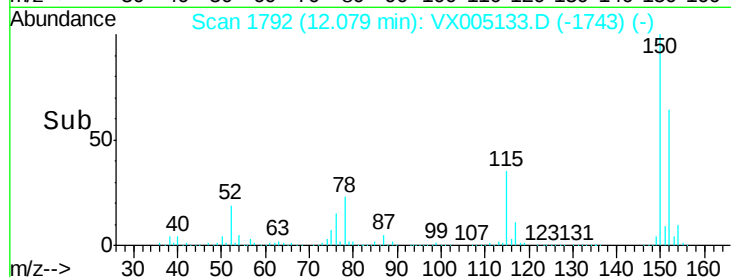
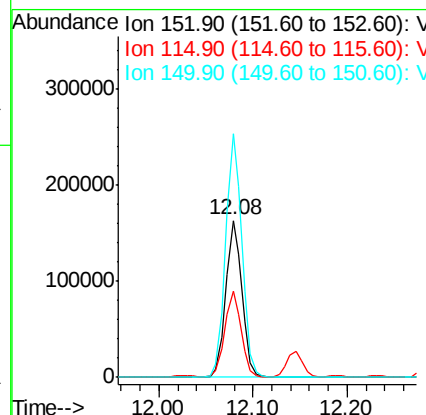
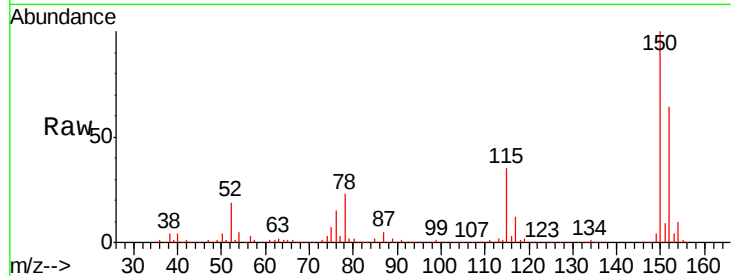
ClientSampleId :

MW-10

Tgt Ion:	152	Resp:	193770
Ion Ratio	Lower	Upper	
152	100		
115	55.2	40.2	120.6
150	156.2	0.0	351.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 25.84 ug/l

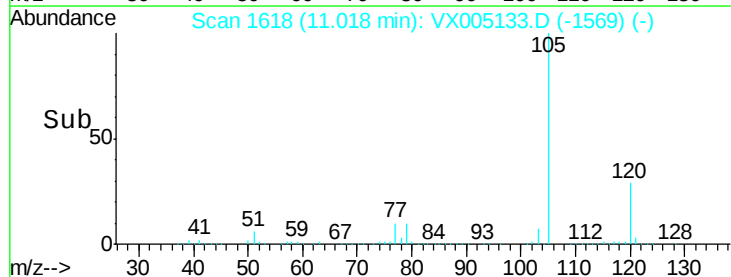
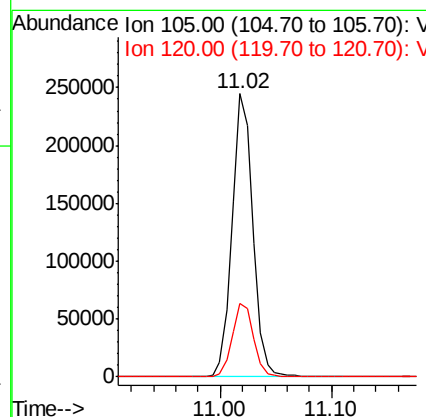
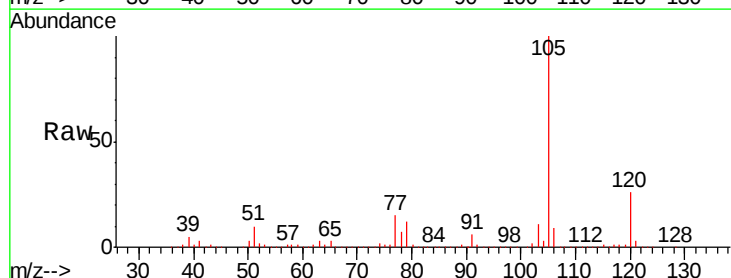
RT: 11.02 min Scan# 1618

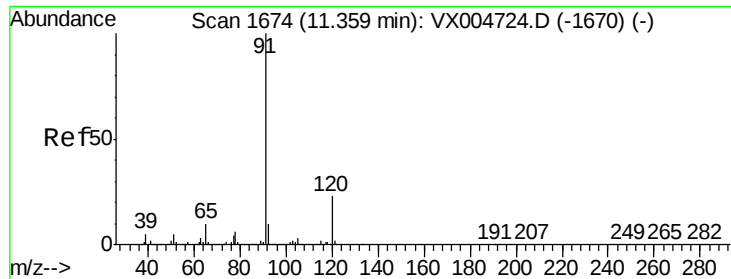
Delta R.T. -0.00 min

Lab File: VX005133.D

Acq: 08 Oct 2018 17:49

Tgt Ion:	105	Resp:	315601
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.5





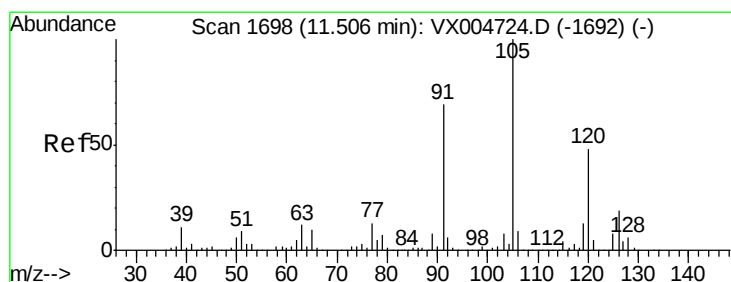
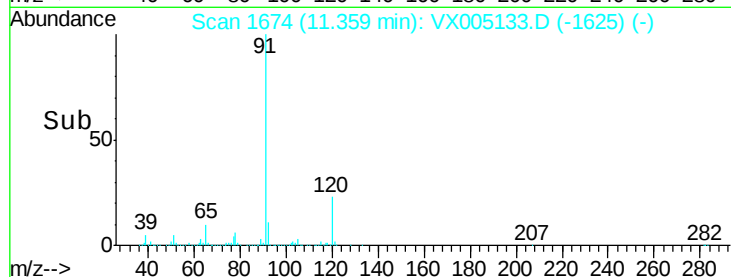
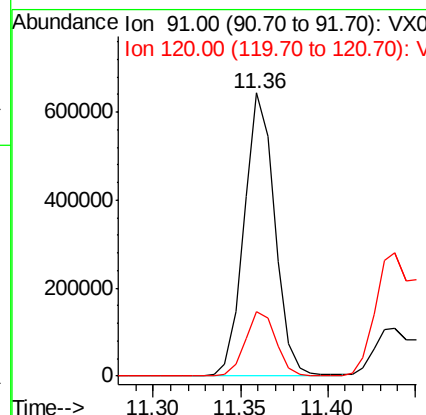
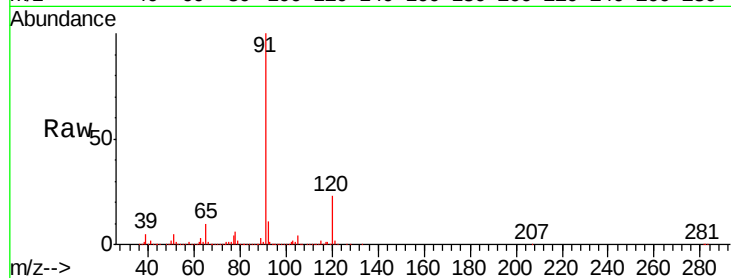
#78
n-propylbenzene
Concen: 55.96 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 91 Resp: 784141
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.0

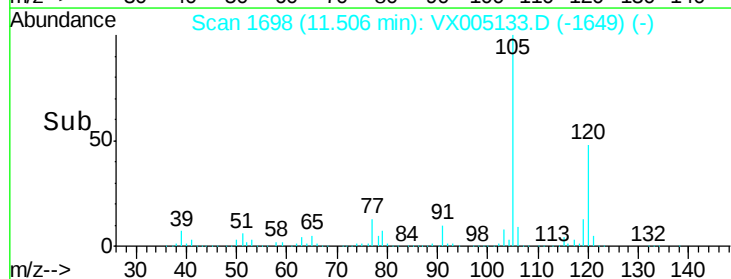
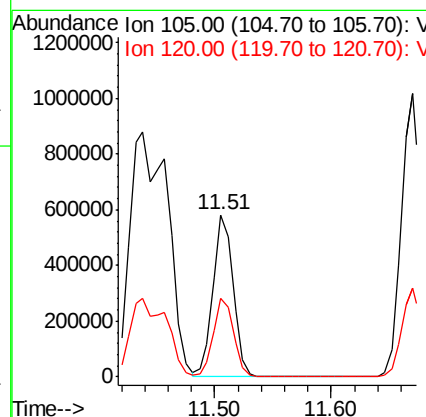
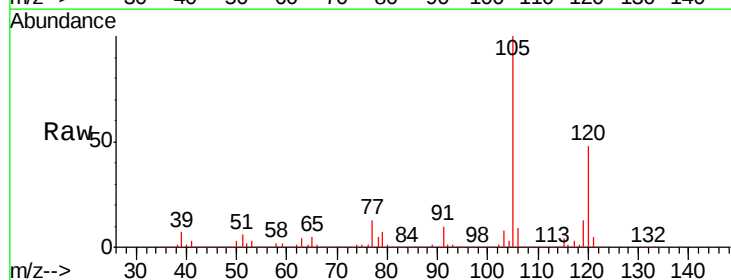
Manual Integrations
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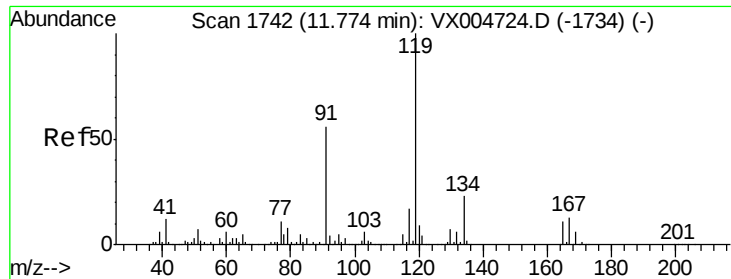
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#80
1,3,5-Trimethylbenzene
Concen: 62.37 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Tgt Ion: 105 Resp: 697590
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





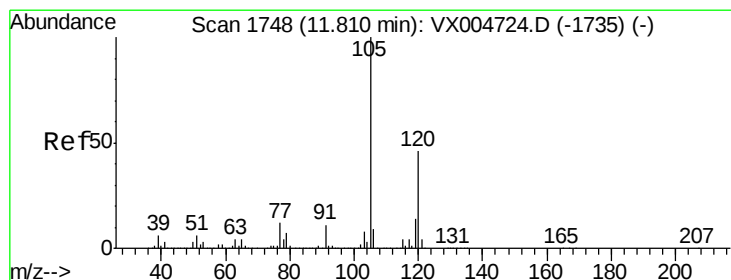
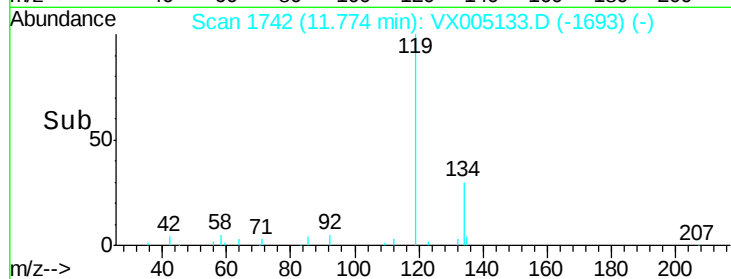
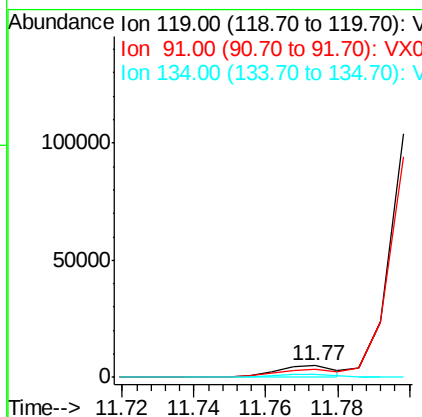
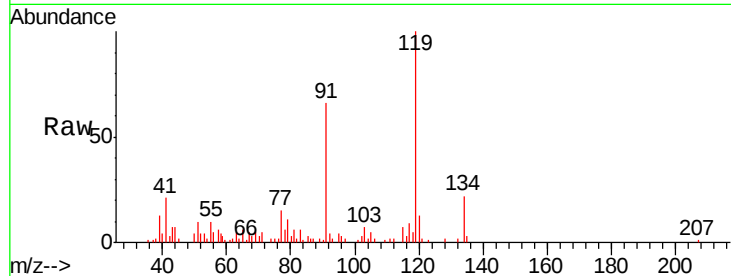
#83
 tert-Butylbenzene
 Concen: 0.57 ug/l m
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Instrument :
 MSVOA_X
 ClientSampled :
 MW-10

Tgt Ion:119 Resp: 5781
 Ion Ratio Lower Upper
 119 100
 91 5080.8 27.5 82.5
 134 0.0 11.5 34.4#

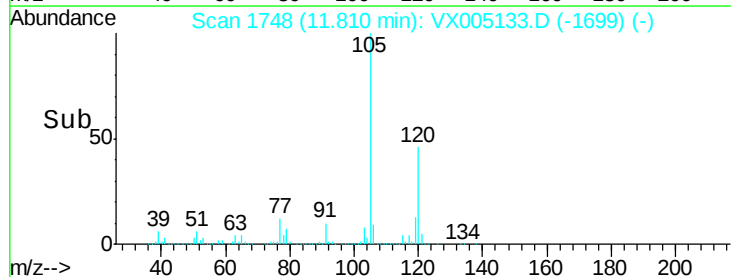
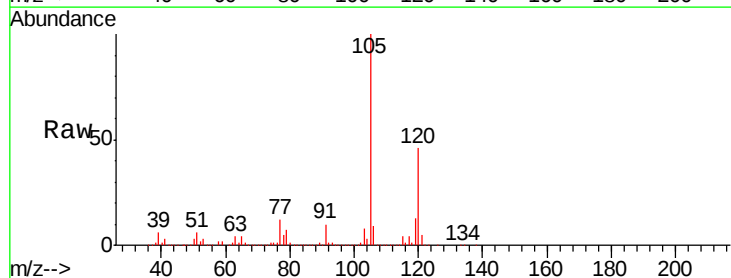
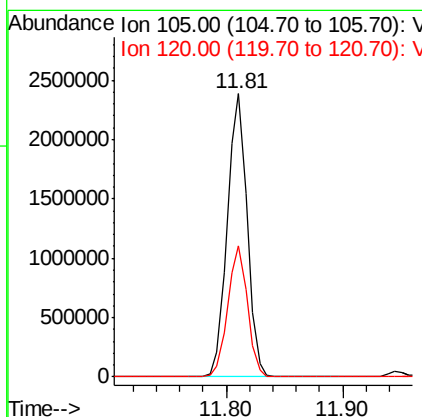
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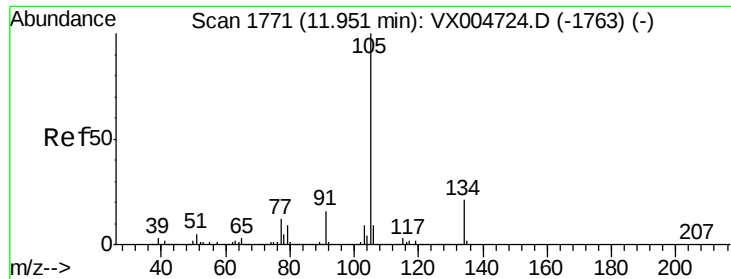
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#84
 1,2,4-Trimethylbenzene
 Concen: 244.68 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Tgt Ion:105 Resp: 2815802
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.8 68.3





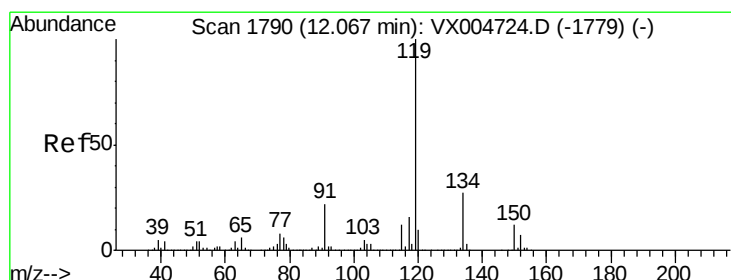
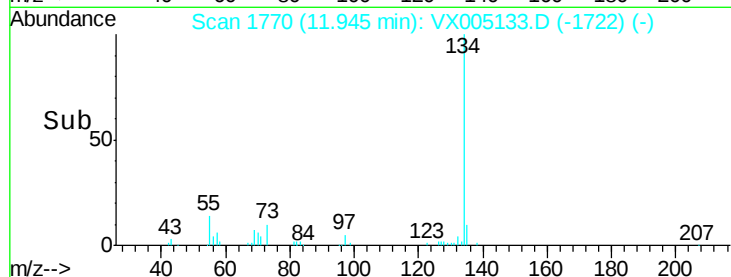
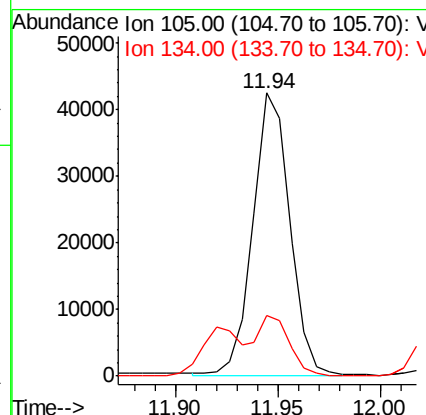
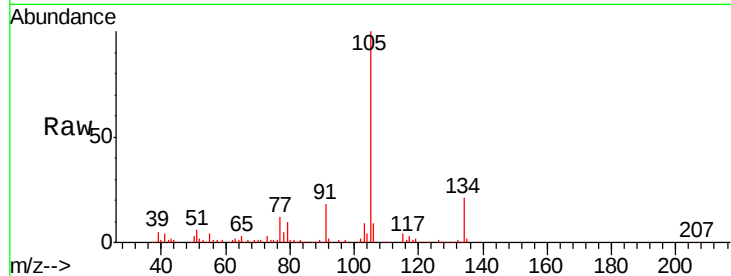
#85
 sec-Butylbenzene
 Concen: 4.38 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#

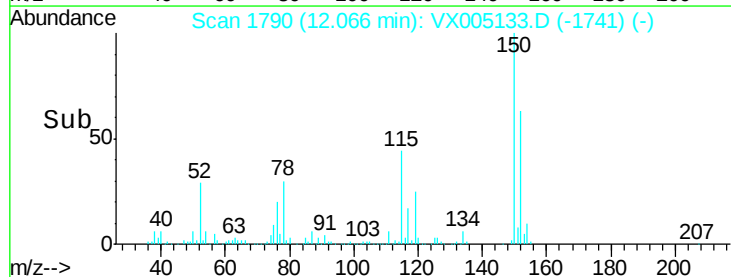
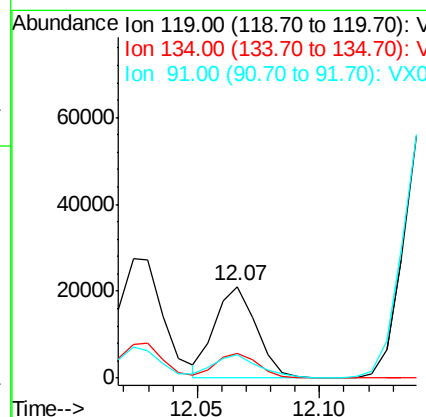
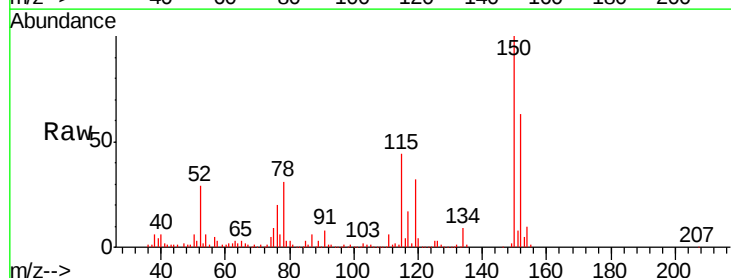
Manual Integrations
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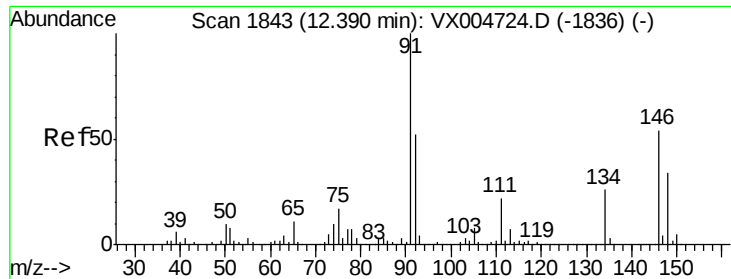
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#86
 p-Isopropyltoluene
 Concen: 2.25 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005133.D
 Acq: 08 Oct 2018 17:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.4	40.1
91	0.0	11.5	34.4#





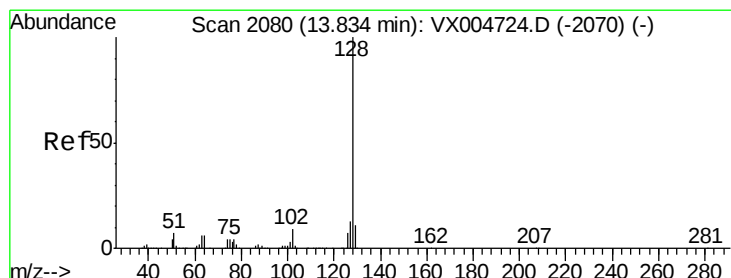
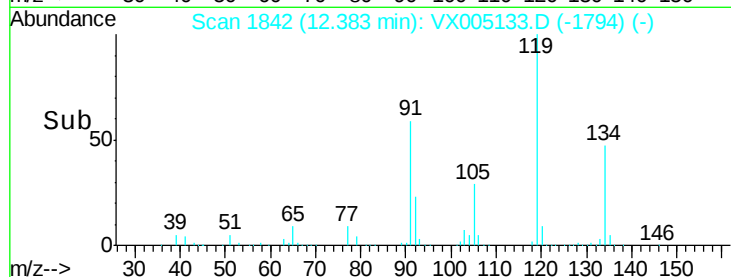
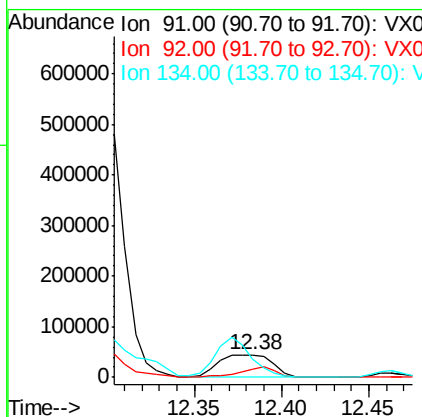
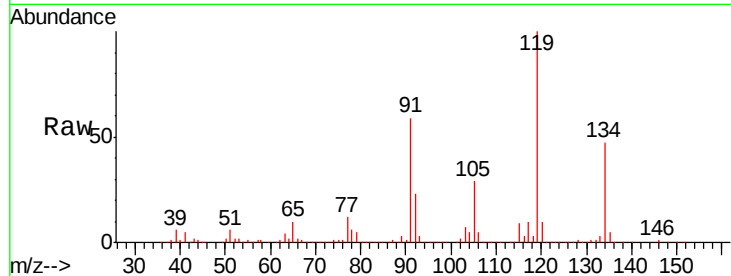
#89
n-Butylbenzene
Concen: 9.63 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Instrument :
MSVOA_X
ClientSampled :
MW-10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	30.6	26.0	78.0
134	115.0	13.2	39.6

Manual Integrations
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#95
Naphthalene
Concen: 177.03 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005133.D
Acq: 08 Oct 2018 17:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	8.7	13.1

