

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004219.D
 Acq On : 23 Aug 2018 11:54
 Operator : JC/MD
 Sample : J4579-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0541DL

Manual Integrations
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MMDadoda
 8/24/2018 11:35:12 AM

Quant Time: Aug 24 07:25:10 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	296195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269583	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	189642	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.24%		
35) Dibromofluoromethane	5.50	113	163419	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.96%		
50) Toluene-d8	8.71	98	632477	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.44%		
62) 4-Bromofluorobenzene	11.14	95	240209	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.24%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	131751	24.34	ug/l	98
39) Methylcyclohexane	7.46	83	86053	14.95	ug/l	98
52) Toluene	8.79	92	7198	0.76	ug/l	98
67) Ethyl Benzene	10.25	91	380729	23.65	ug/l	100
68) m/p-Xylenes	10.36	106	330289	52.47	ug/l	95
69) o-Xylene	10.70	106	144955	24.34	ug/l	94
73) Isopropylbenzene	11.02	105	30851	1.74	ug/l	100
78) n-propylbenzene	11.36	91	47356	2.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	76184	5.20	ug/l	99
83) tert-Butylbenzene	11.77	119	3625	0.25	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	301267	20.02	ug/l	99
85) sec-Butylbenzene	11.94	105	6207m	0.35	ug/l	
95) Naphthalene	13.83	128	147639	8.39	ug/l	99

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

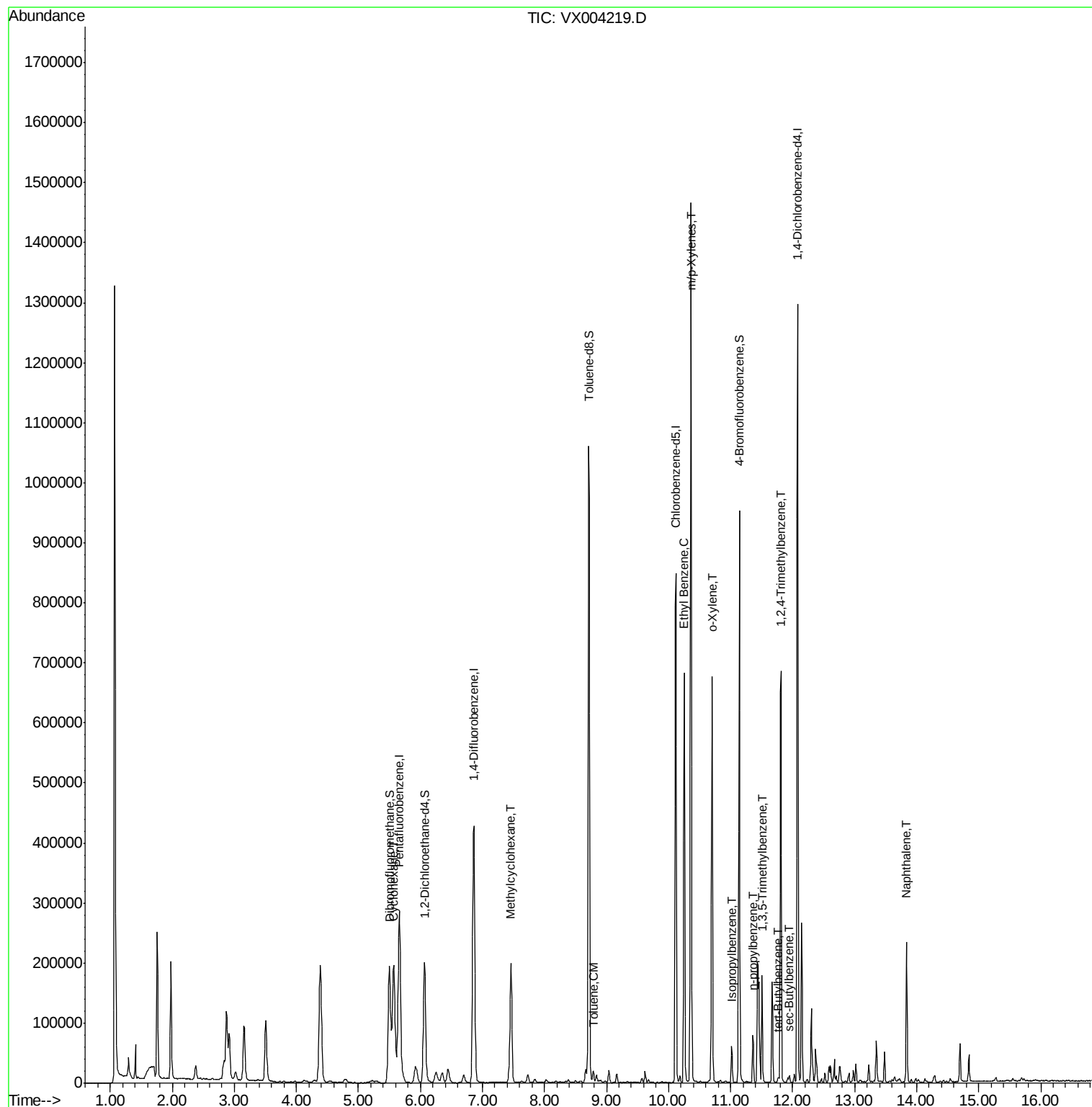
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Data File : VX004219.D
Acq On : 23 Aug 2018 11:54
Operator : JC/MD
Sample : J4579-01DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

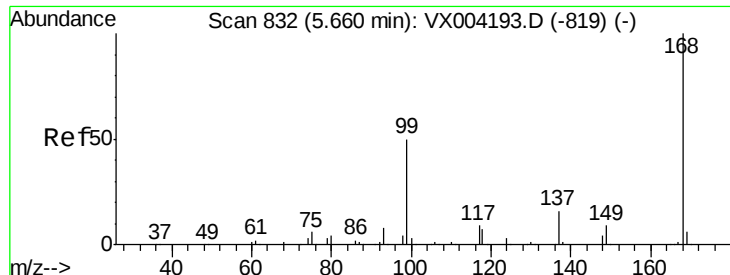
Instrument :
MSVOA_X
ClientSampleId :
FL-0541DL

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Quant Time: Aug 24 07:25:10 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: VX004219.D

Acq: 23 Aug 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

FL-0541DL

Tot Ion:168 Resp: 296195

Ion Ratio Lower Upper

168 100

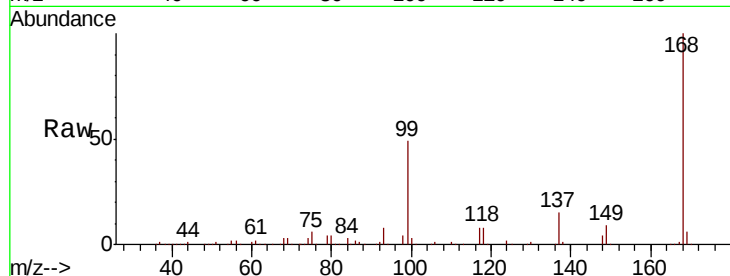
99 49.3 39.9 59.9

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

5.66

120000

100000

80000

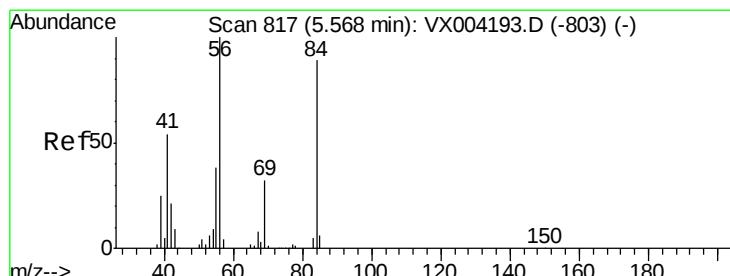
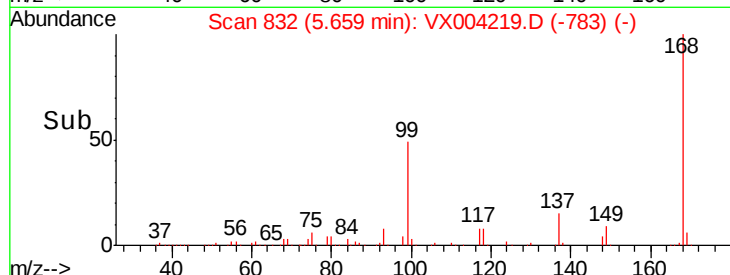
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 24.34 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004219.D

Acq: 23 Aug 2018 11:54

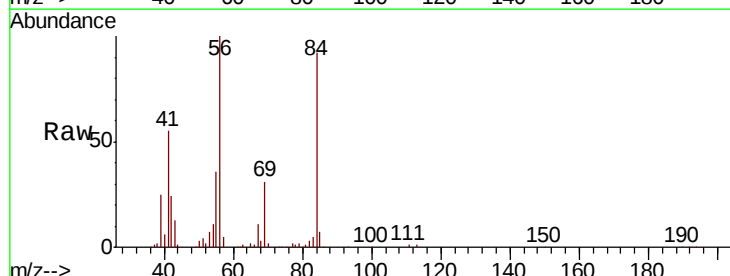
Tgt Ion: 56 Resp: 131751

Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.2

84 91.7 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

50000

40000

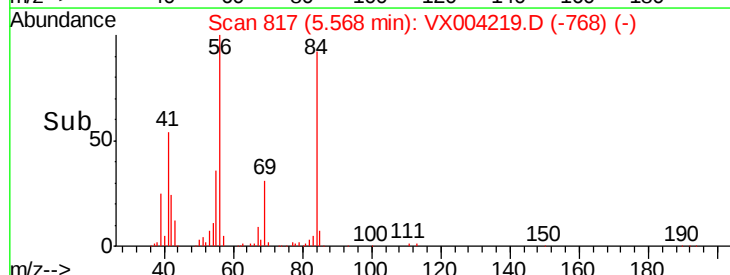
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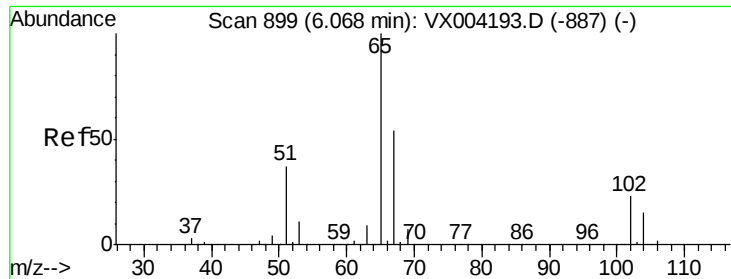
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10000

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Time-->





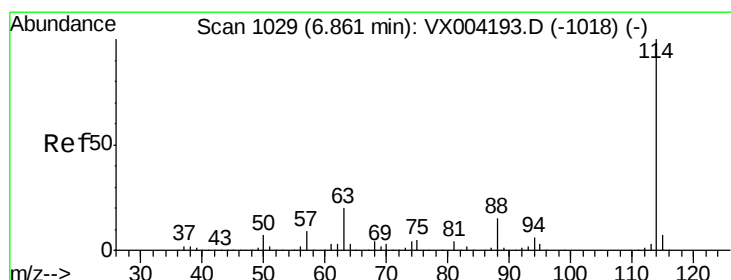
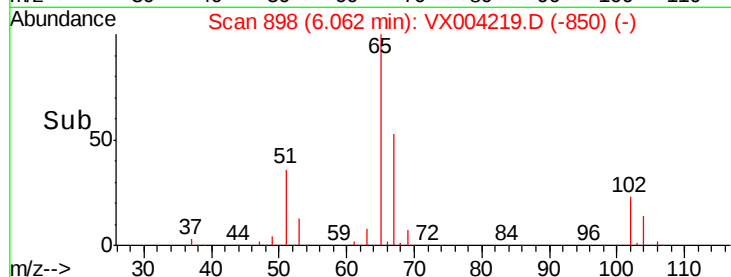
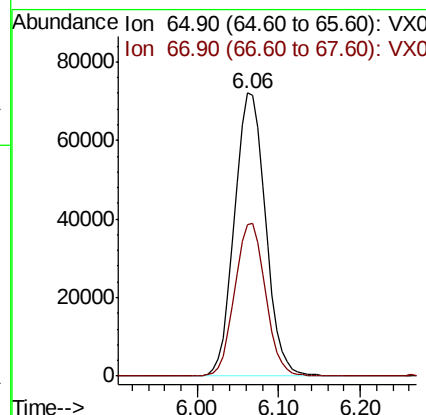
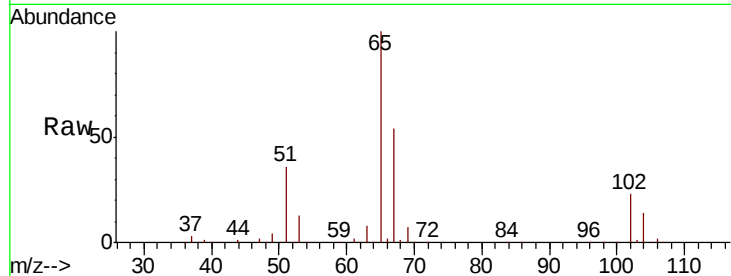
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 1,2-Dichloroethane-d4
 Concen: 49.12 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0541DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189642		
67	53.4	0.0	106.8	

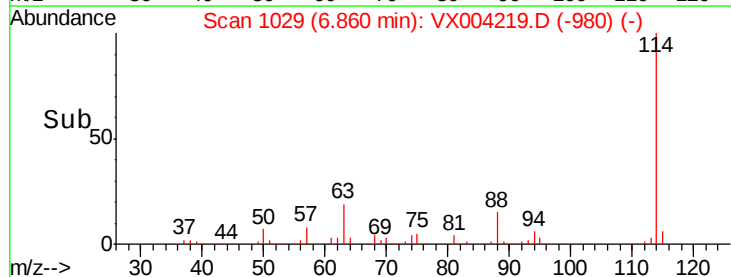
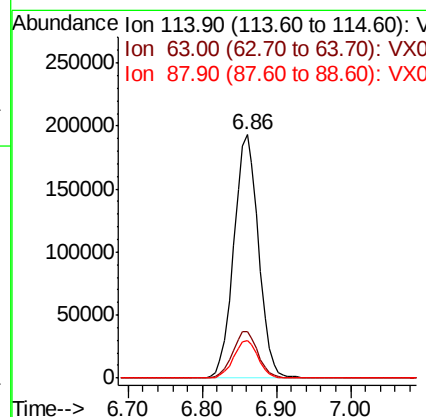
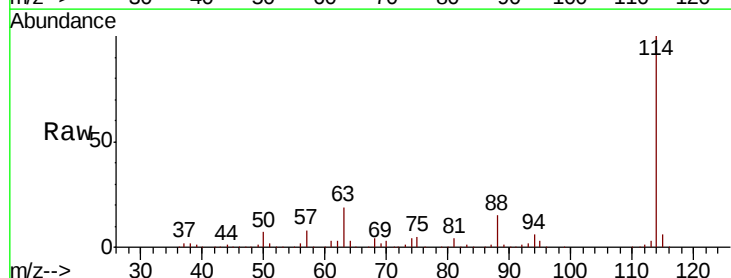
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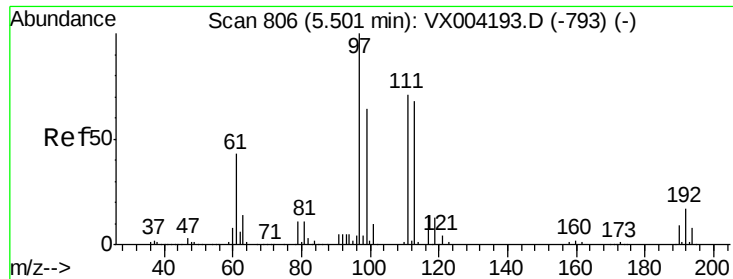
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	448509		
63	19.3	0.0	39.0	
88	15.3	0.0	30.4	





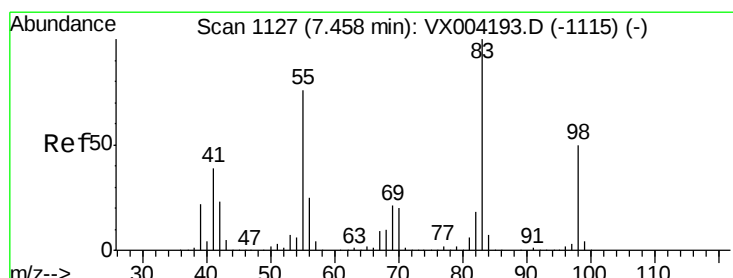
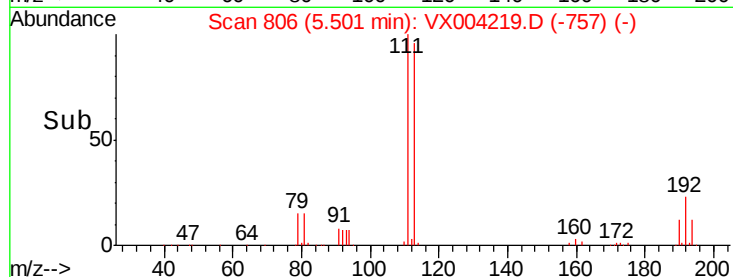
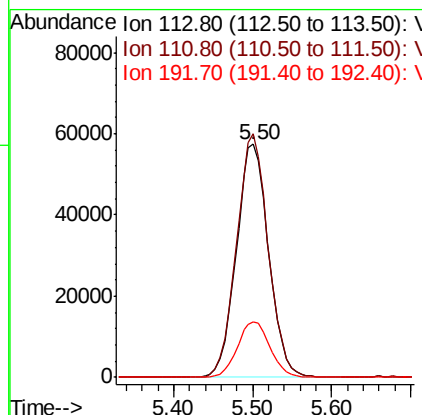
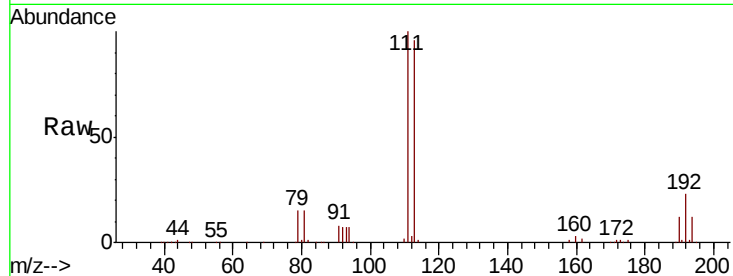
#35
Dibromofluoromethane
Concen: 48.98 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
FL-0541DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163419		
111	102.4	82.4	123.6	
192	24.1	19.4	29.2	

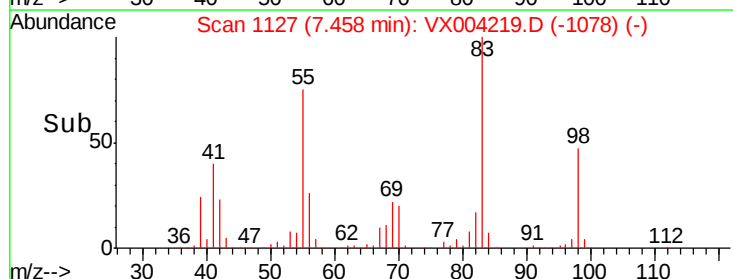
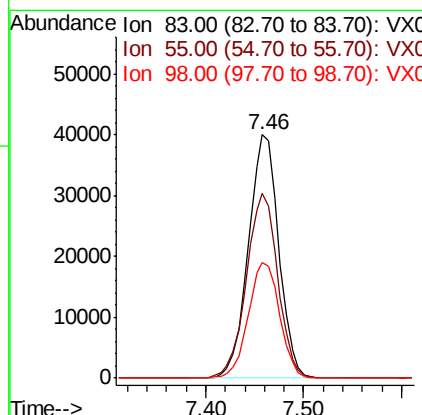
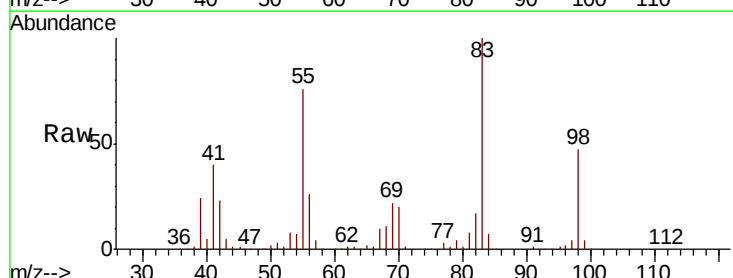
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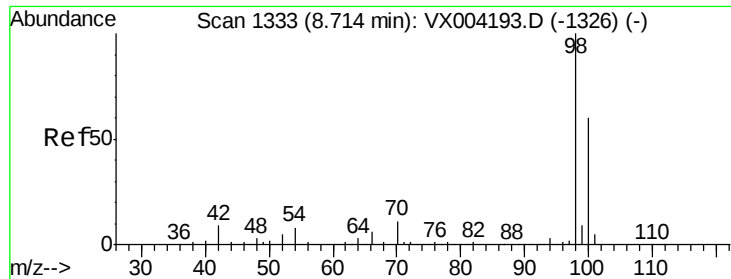
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#39
Methylcyclohexane
Concen: 14.95 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	86053		
55	75.6	61.0	91.4	
98	47.3	39.6	59.4	





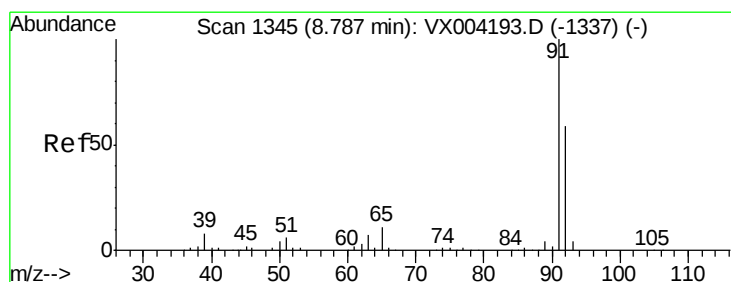
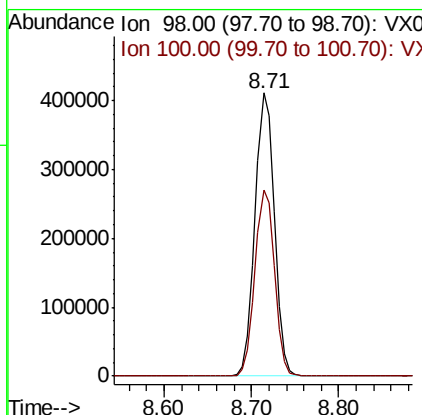
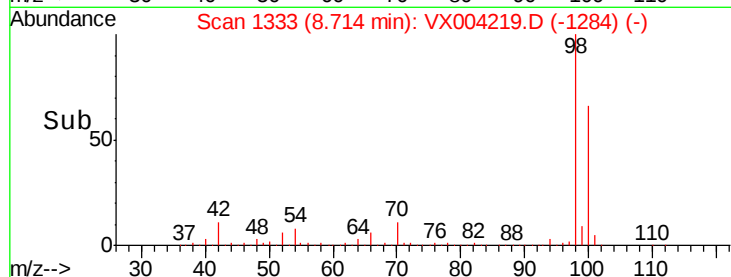
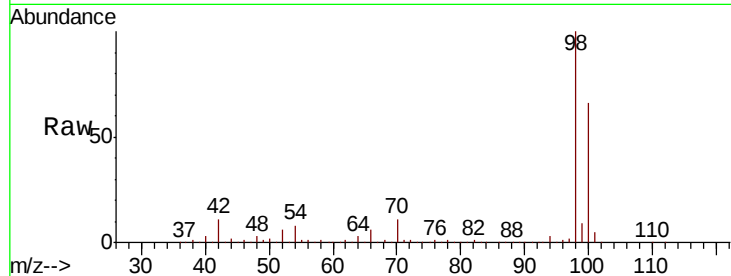
#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
FL-0541DL

Tot Ion: 98 Resp: 632477
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

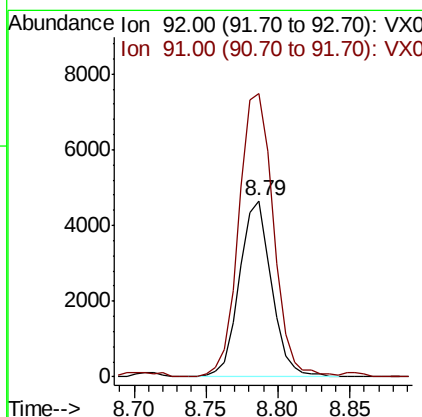
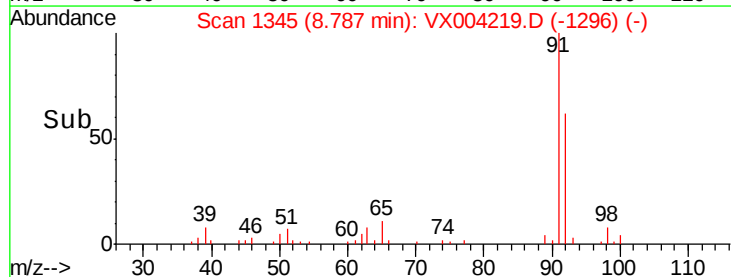
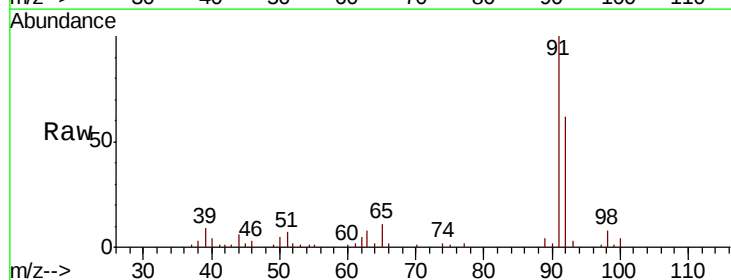
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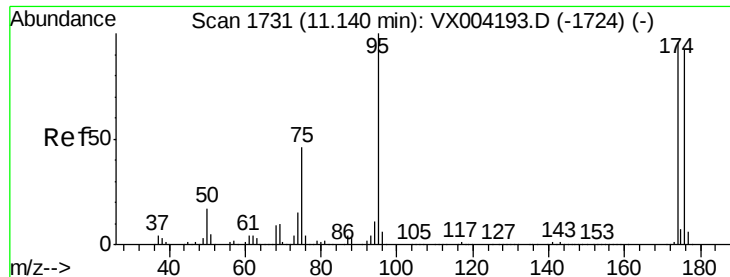
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#52
Toluene
Concen: 0.76 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Tgt Ion: 92 Resp: 7198
Ion Ratio Lower Upper
92 100
91 173.7 136.4 204.6





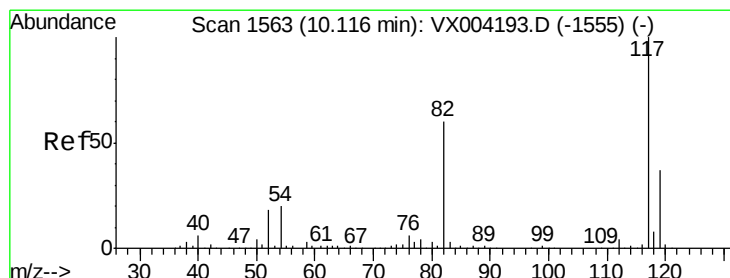
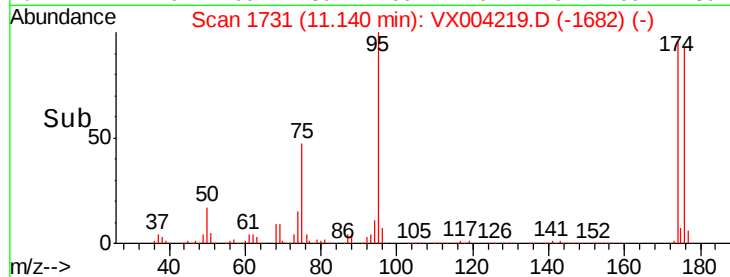
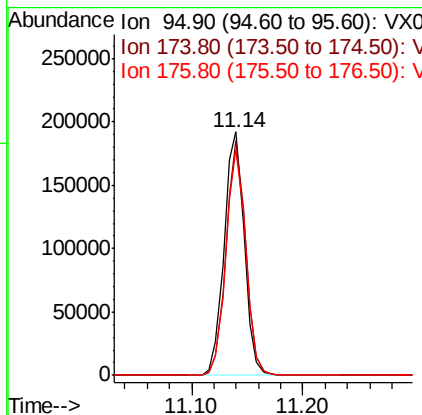
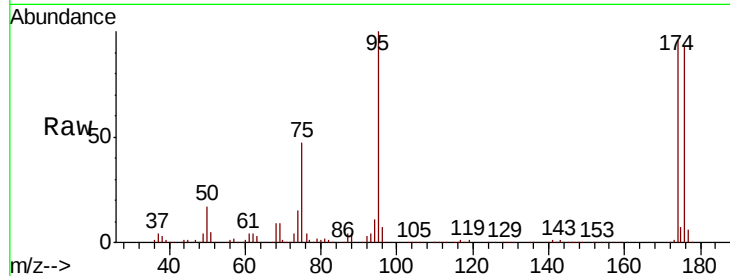
#62
4-Bromofluorobenzene
Concen: 51.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Instrument :
MSVOA_X
ClientSampled :
FL-0541DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	240209		
174	93.9	0.0	185.2	
176	91.3	0.0	178.6	

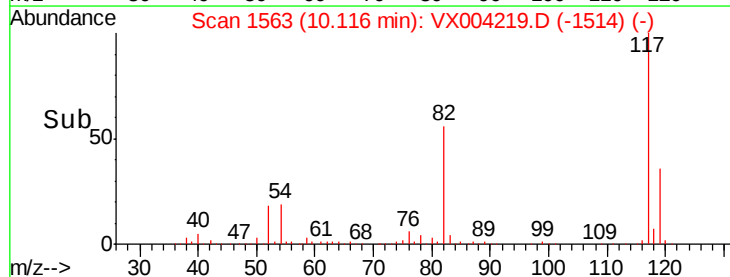
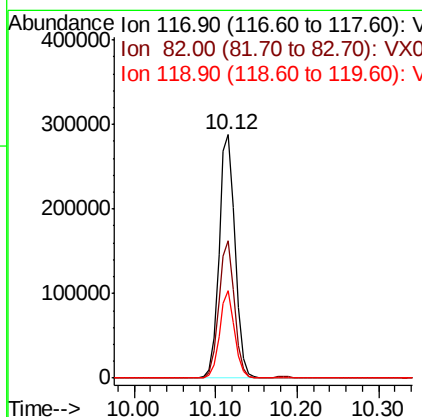
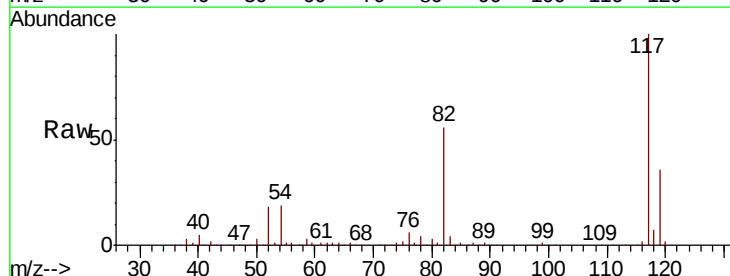
Manual Integrations
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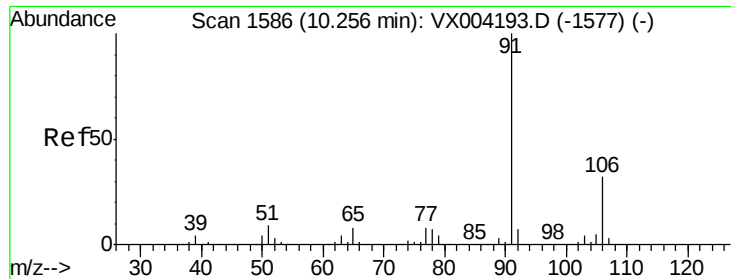
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	394997		
82	56.4	47.8	71.6	
119	35.9	29.3	43.9	





#67

Ethyl Benzene

Concen: 23.65 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004219.D

Acq: 23 Aug 2018 11:54

Instrument :

MSVOA_X

ClientSampleID :

FL-0541DL

Tot Ion: 91 Resp: 380729

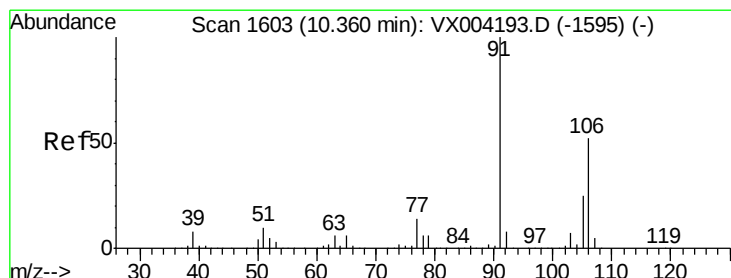
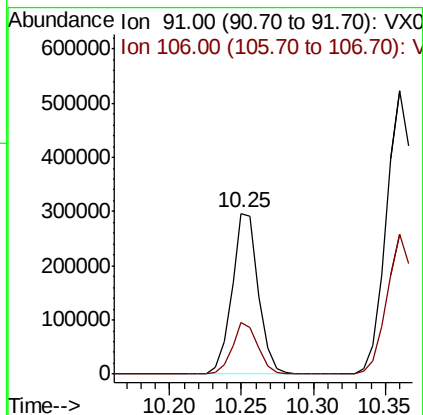
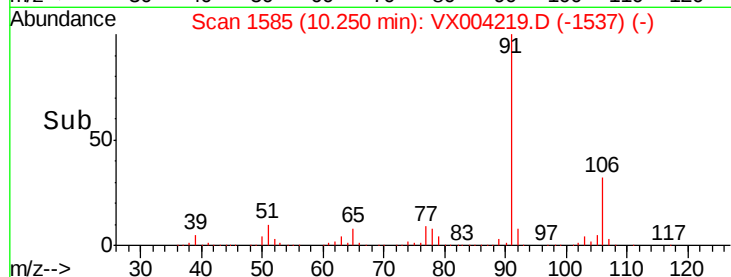
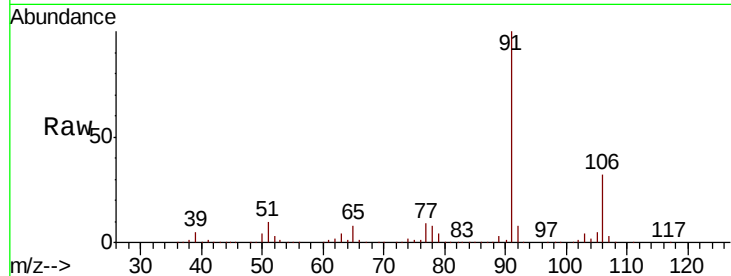
Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 52.47 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004219.D

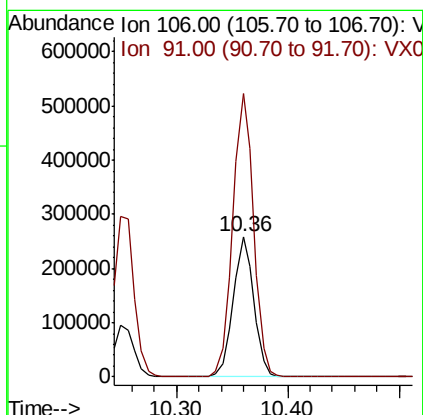
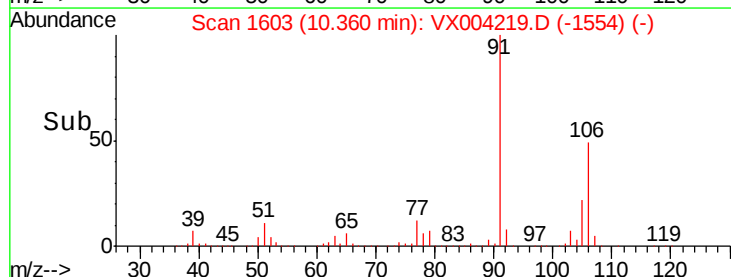
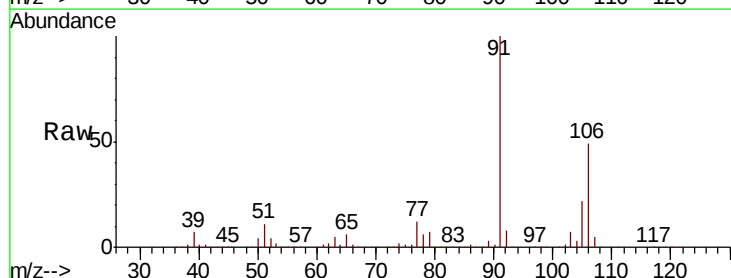
Acq: 23 Aug 2018 11:54

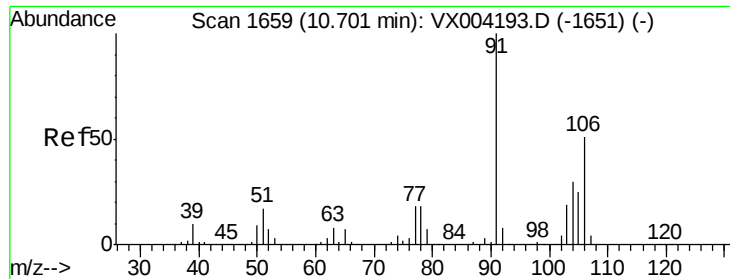
Tgt Ion: 106 Resp: 330289

Ion Ratio Lower Upper

106 100

91 204.5 157.1 235.7





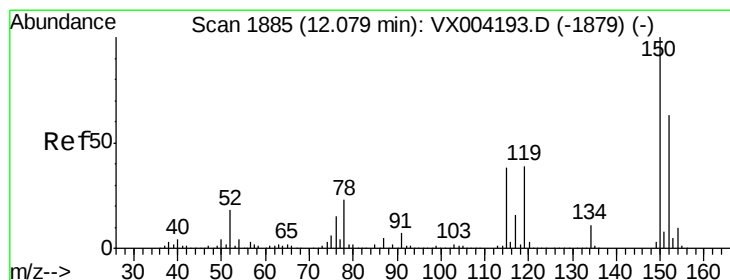
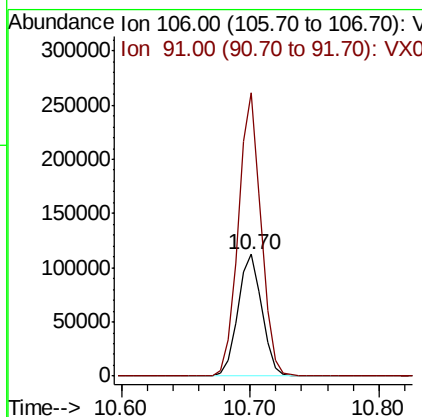
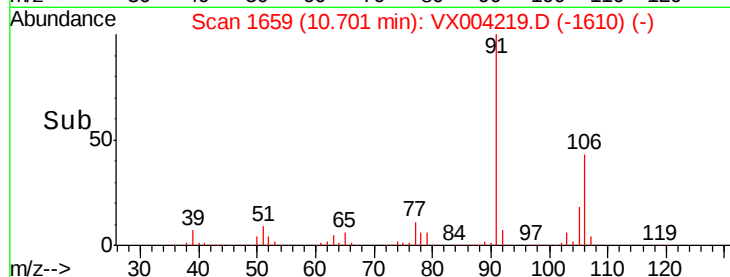
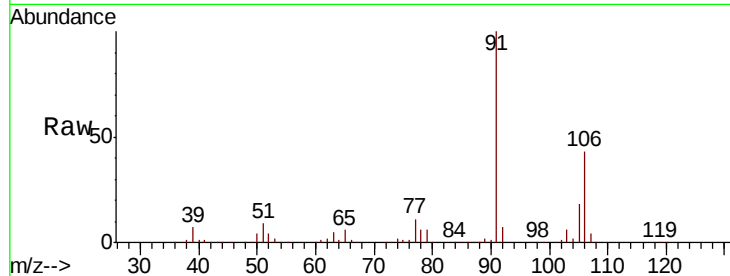
#69
o-Xylene
Concen: 24.34 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Instrument :
MSVOA_X
ClientSampled :
FL-0541DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	220.1	105.1	315.1		

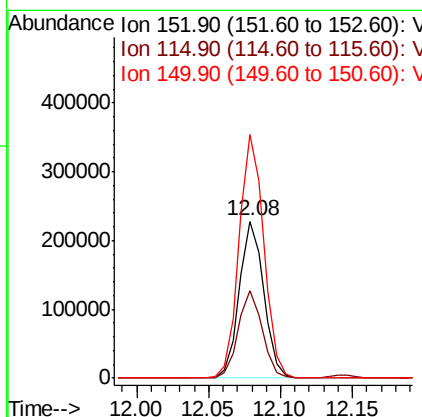
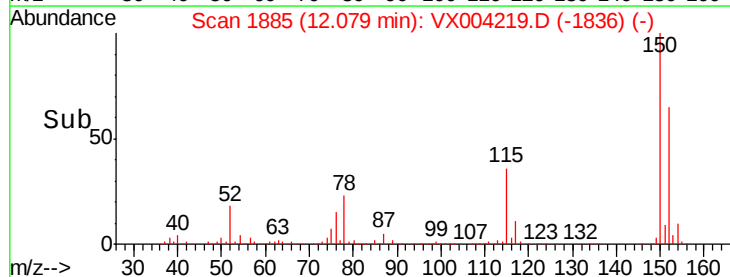
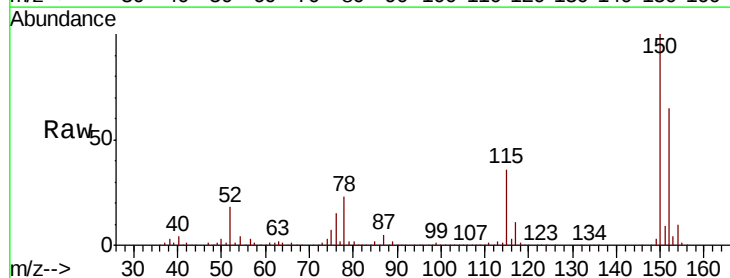
Manual Integrations
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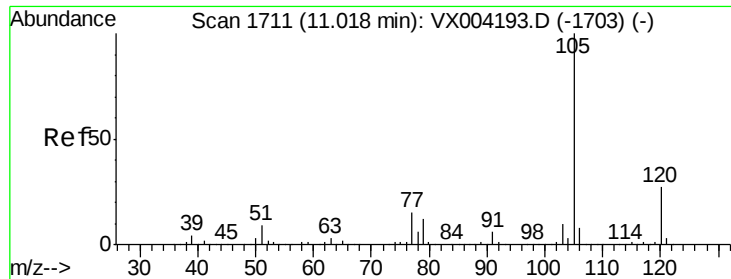
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	54.7	39.0	117.0		
150	156.7	0.0	351.0		





#73

Isopropylbenzene

Concen: 1.74 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004219.D

Acq: 23 Aug 2018 11:54

Instrument :

MSVOA_X

ClientSampled :

FL-0541DL

Tot Ion: 105 Resp: 30851

Ion Ratio Lower Upper

105 100

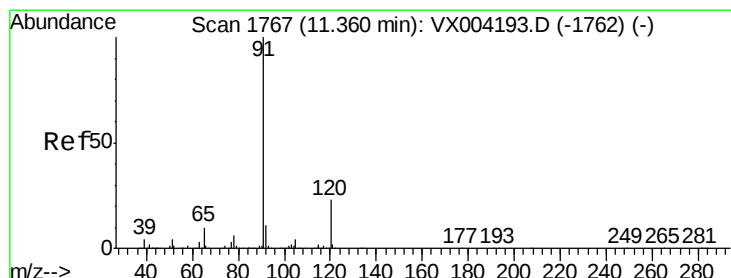
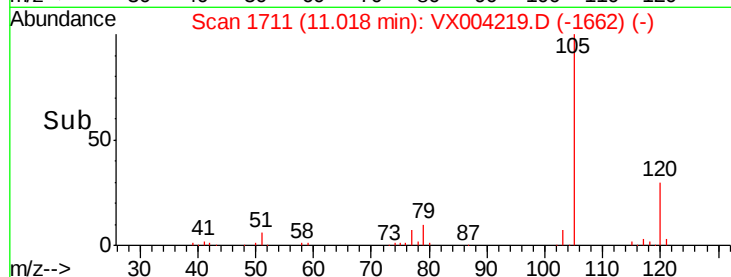
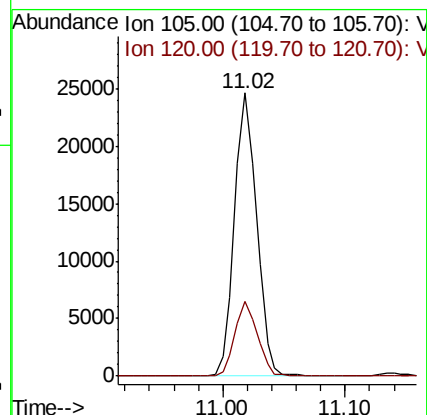
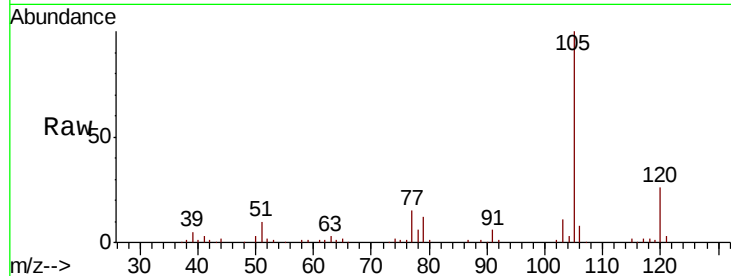
120 26.8 13.5 40.4

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#78

n-propylbenzene

Concen: 2.33 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004219.D

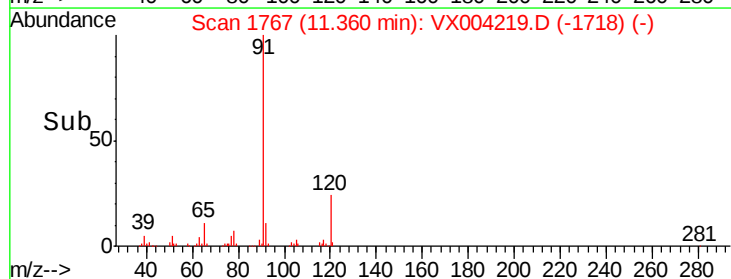
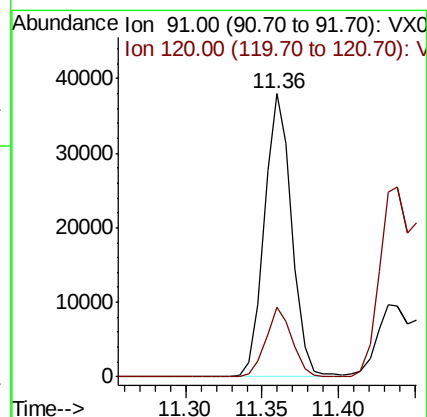
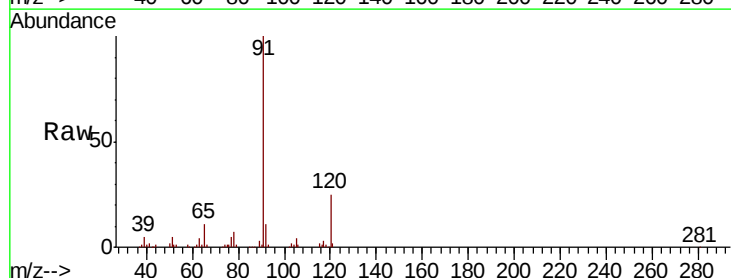
Acq: 23 Aug 2018 11:54

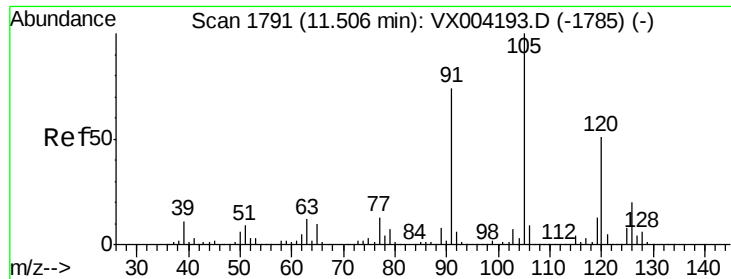
Tgt Ion: 91 Resp: 47356

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9





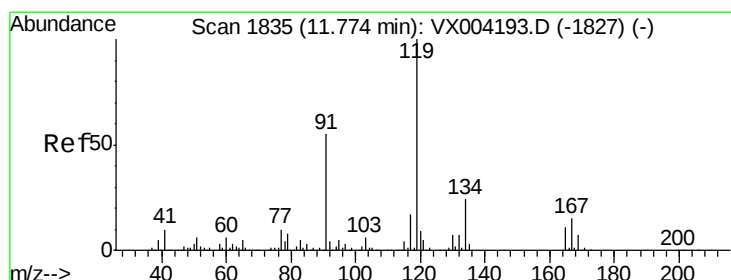
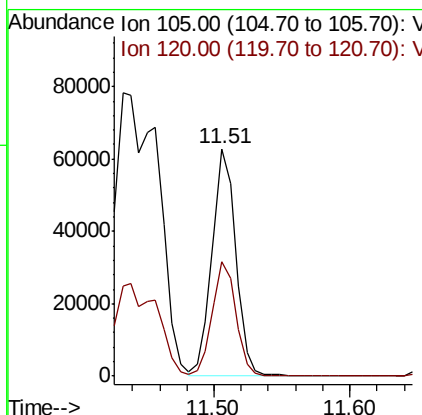
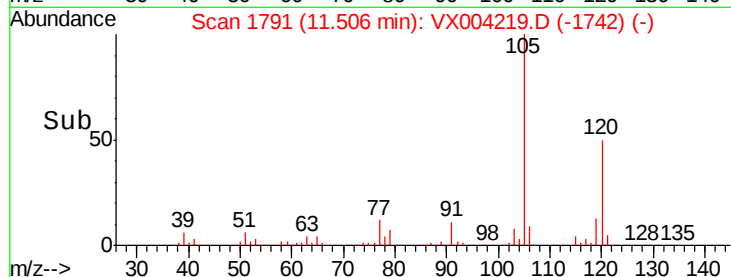
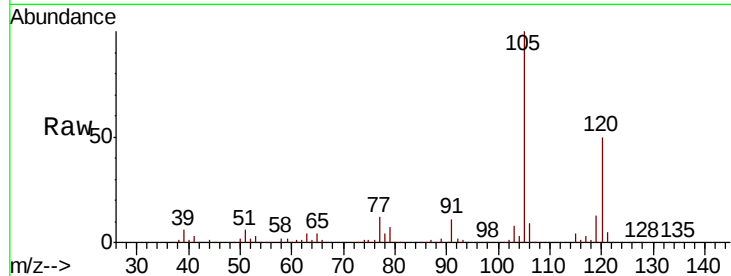
#80
 1,3,5-Trimethylbenzene
 Concen: 5.20 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0541DL

Tot Ion:105 Resp: 76184
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.8

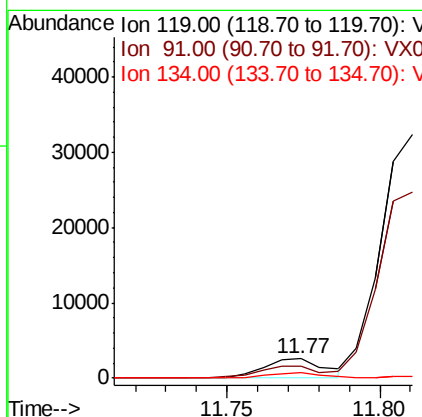
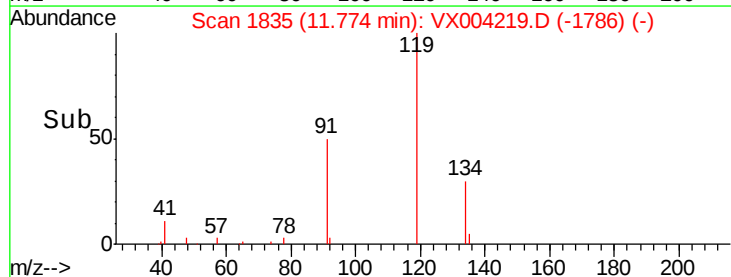
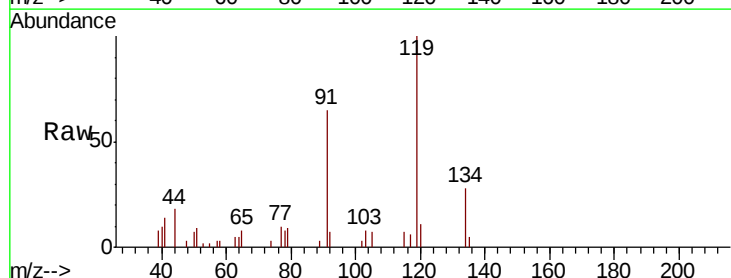
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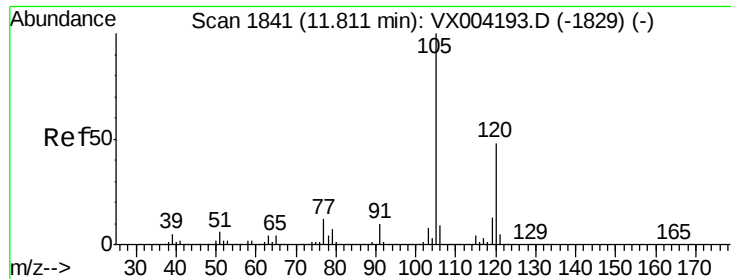
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#83
 tert-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Tgt Ion:119 Resp: 3625
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.0 81.0
 134 25.3 11.7 35.1





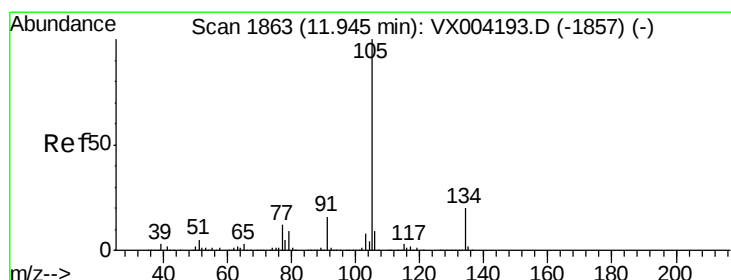
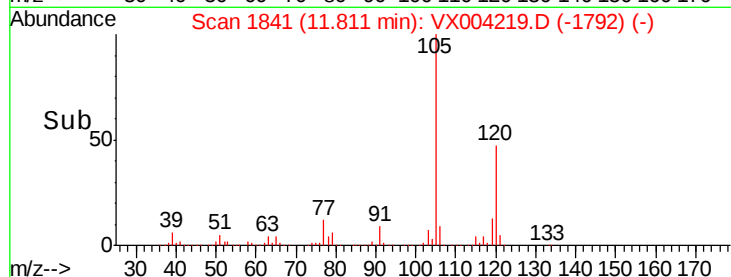
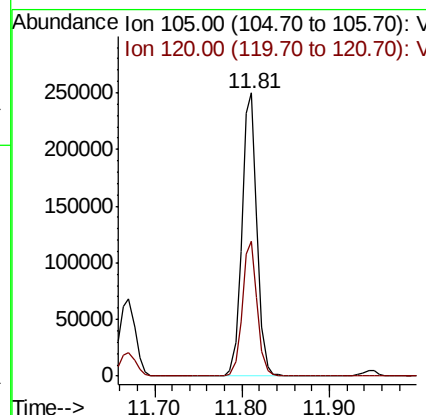
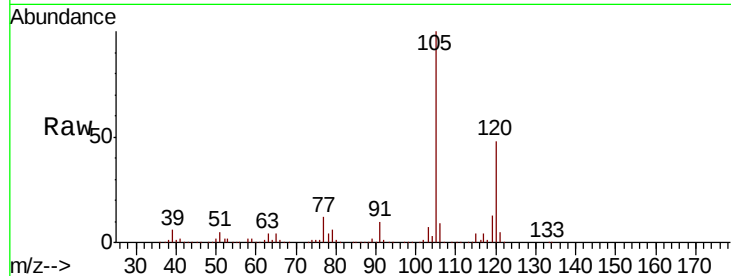
#84
 1,2,4-Trimethylbenzene
 Concen: 20.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0541DL

Tot Ion:105 Resp: 301267
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6

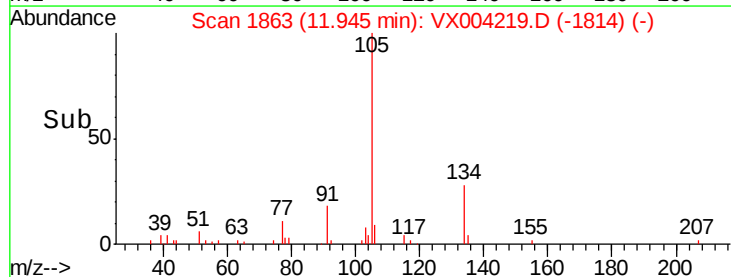
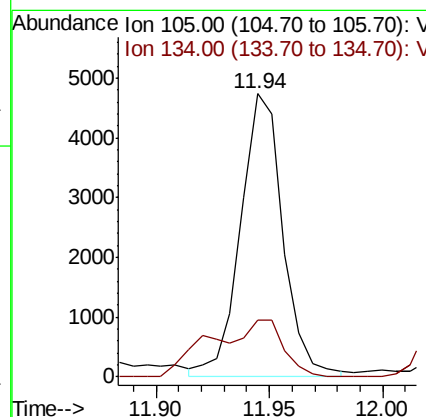
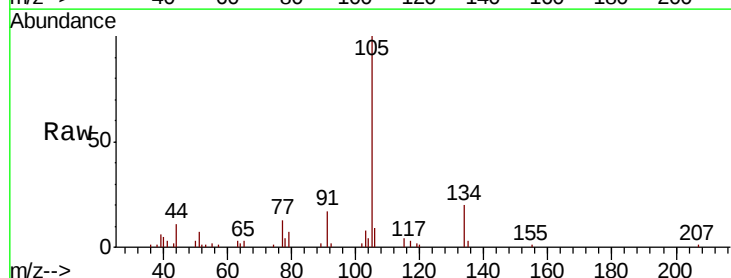
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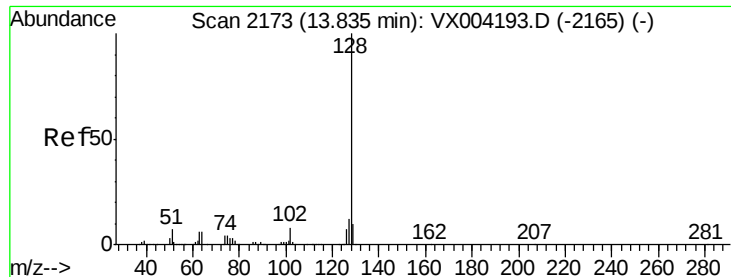
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#85
 sec-Butylbenzene
 Concen: 0.35 ug/l m
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004219.D
 Acq: 23 Aug 2018 11:54

Tgt Ion:105 Resp: 6207
 Ion Ratio Lower Upper
 105 100
 134 3.3 10.5 31.5#





#95
Naphthalene
Concen: 8.39 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004219.D
Acq: 23 Aug 2018 11:54

Instrument :
MSVOA_X
ClientSampled :
FL-0541DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	147639		
127	12.6		10.2	15.2
129	11.0		8.6	12.8

Manual Integrations
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MMDadoda
8/24/2018 11:35:12 AM

