

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003698.D
 Acq On : 27 Jul 2018 05:07
 Operator : JC/SP
 Sample : J4154-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0509

Manual Integrations
 APPROVED

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 7/27/2018 5:41:04 PM

Quant Time: Jul 27 17:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	159528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	80989	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	76856	58.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.68%	
35) Dibromofluoromethane	5.51	113	59378	45.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.06%	
50) Toluene-d8	8.72	98	274281	55.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	11.14	95	99972	55.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	162806	92.70	ug/l	98
39) Methylcyclohexane	7.46	83	208660	101.66	ug/l	98
67) Ethyl Benzene	10.26	91	389853	67.64	ug/l	100
68) m/p-Xylenes	10.36	106	809159	365.96	ug/l	99
69) o-Xylene	10.70	106	254495	119.56	ug/l	99
73) Isopropylbenzene	11.02	105	246182	44.49	ug/l	99
78) n-propylbenzene	11.36	91	179003	28.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	279057	59.61	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	656640	136.47	ug/l	100
85) sec-Butylbenzene	11.95	105	30392	5.56	ug/l	80
86) p-Isopropyltoluene	12.07	119	20232	4.12	ug/l	97
95) Naphthalene	13.83	128	232856	37.73	ug/l	100

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

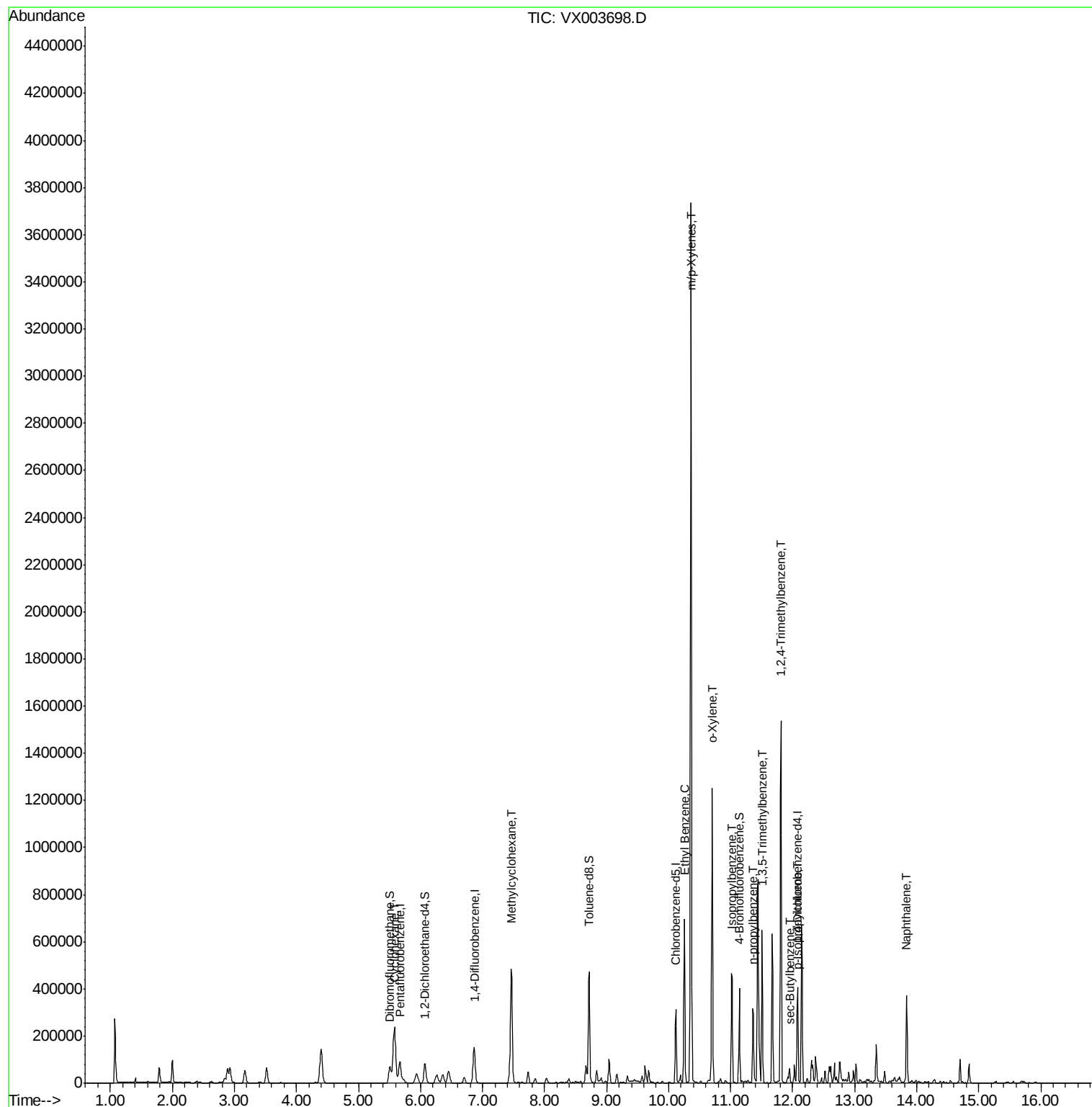
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

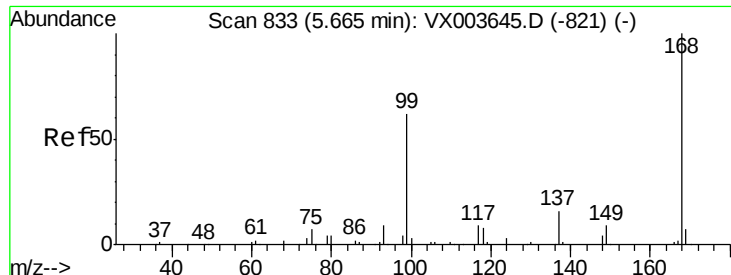
Instrument :
MSVOA_X
ClientSampleId :
FL-0509

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Quant Time: Jul 27 17:34:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0509

Tot Ion:168 Resp: 88184

Ion Ratio Lower Upper

168 100

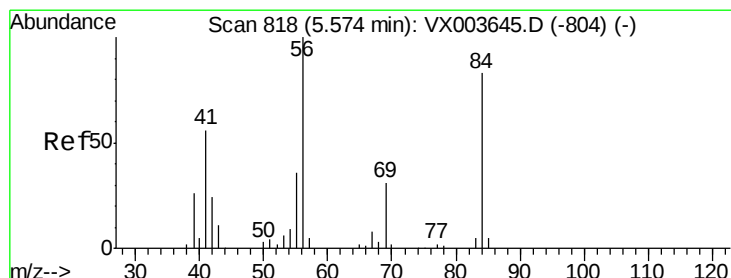
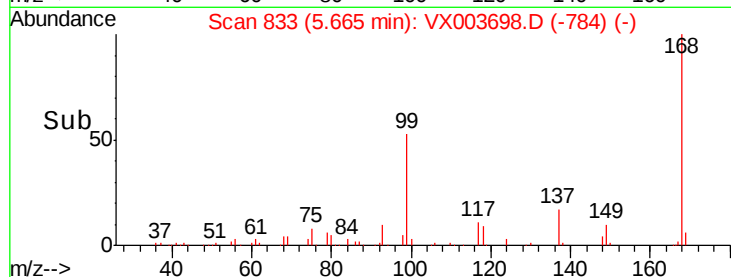
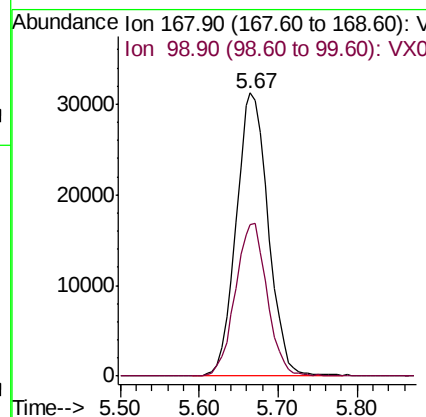
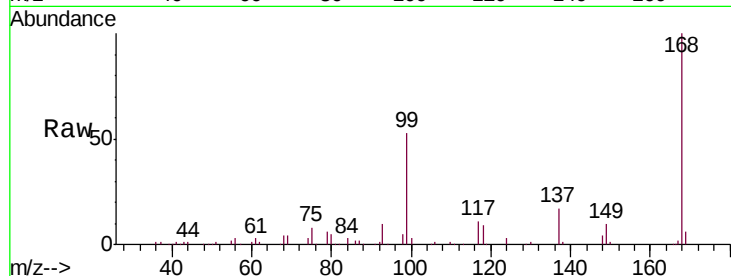
99 53.4 49.5 74.3

Manual Integrations

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#31

Cyclohexane

Concen: 92.70 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

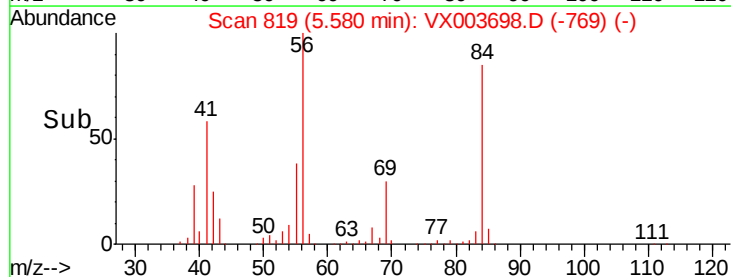
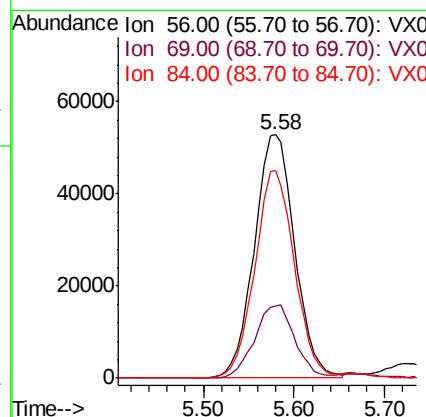
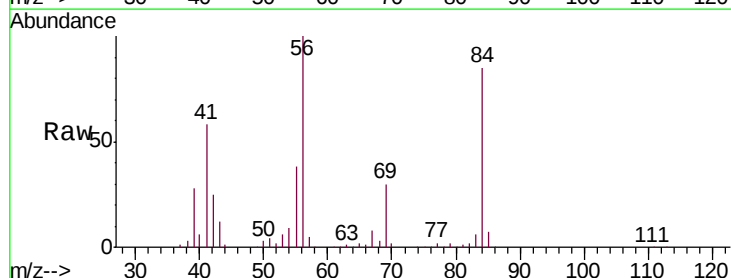
Tgt Ion: 56 Resp: 162806

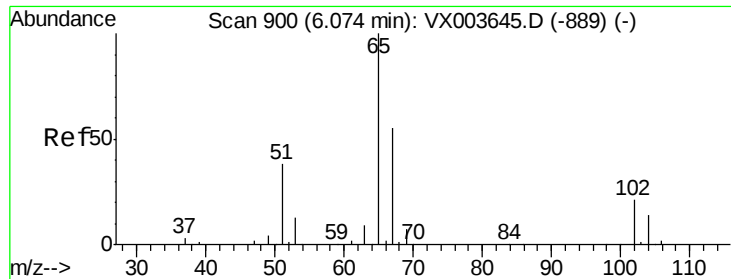
Ion Ratio Lower Upper

56 100

69 29.7 25.0 37.6

84 85.1 66.5 99.7





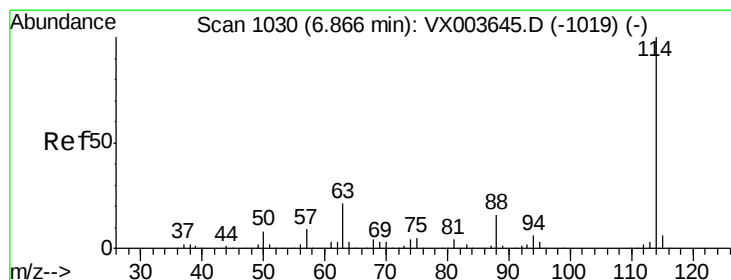
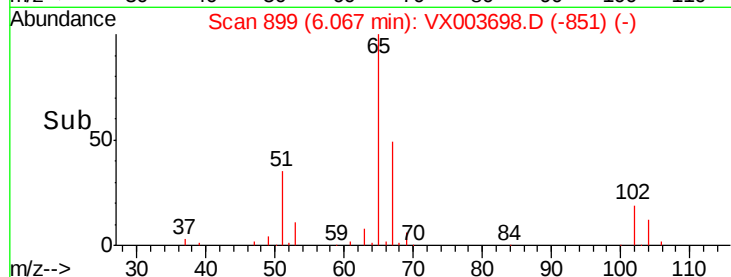
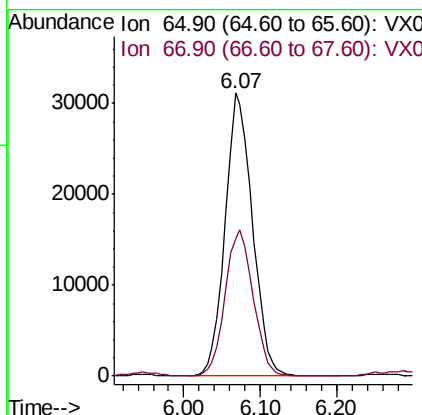
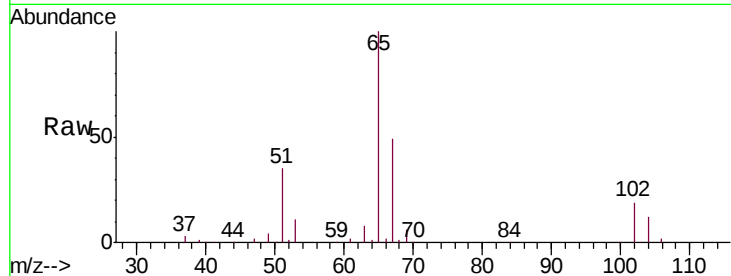
#33
 1,2-Dichloroethane-d4
 Concen: 58.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0509

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

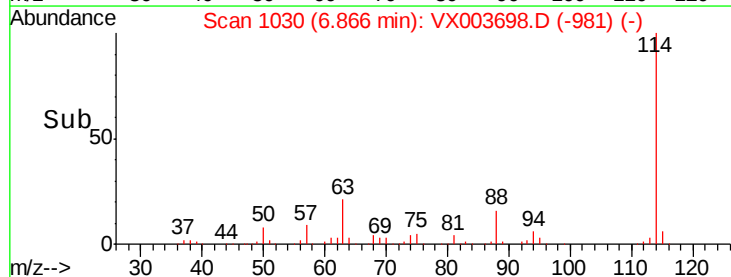
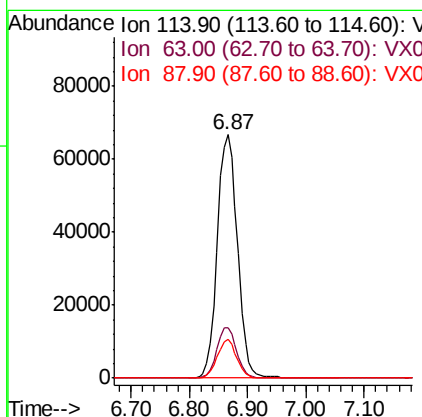
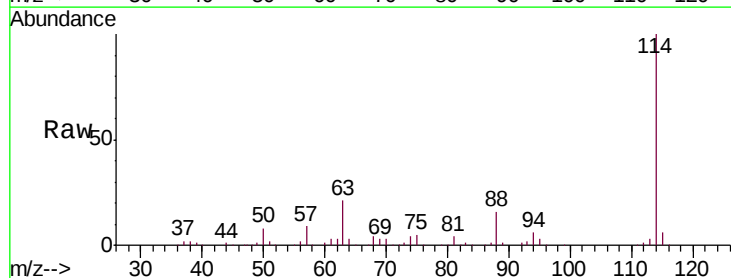
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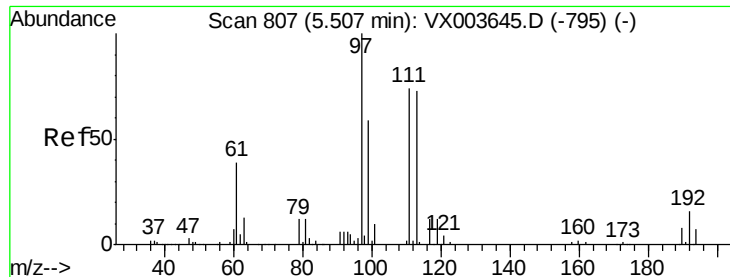
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	15.9	0.0	31.8





#35

Dibromofluoromethane

Concen: 45.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

FL-0509

Tot Ion:113 Resp: 59378

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

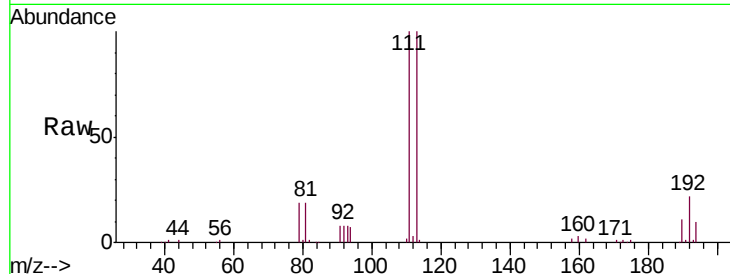
192 21.6 18.2 27.4

Manual Integrations

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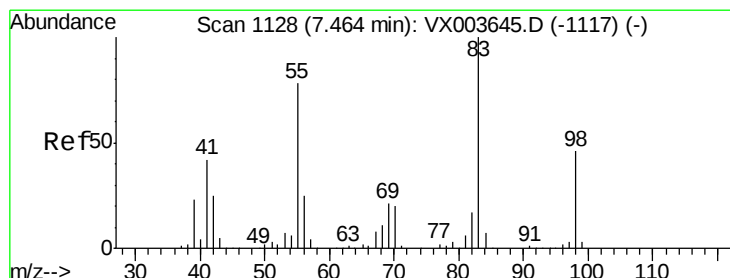
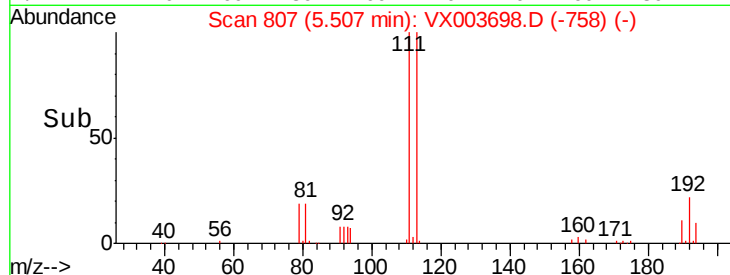
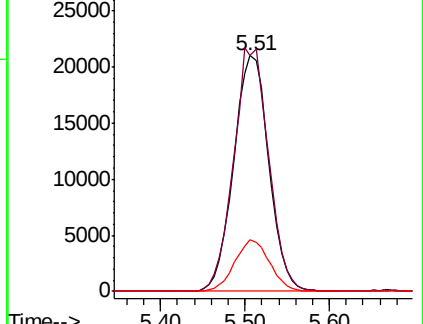
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 101.66 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

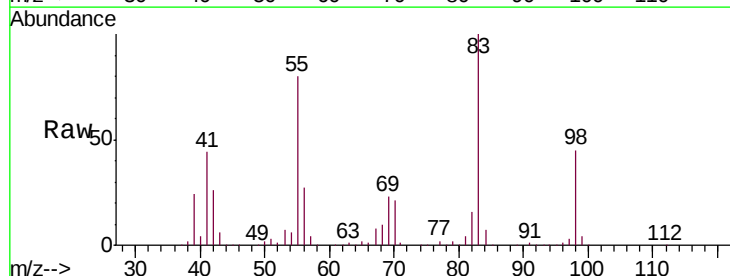
Tgt Ion: 83 Resp: 208660

Ion Ratio Lower Upper

83 100

55 80.0 62.6 93.8

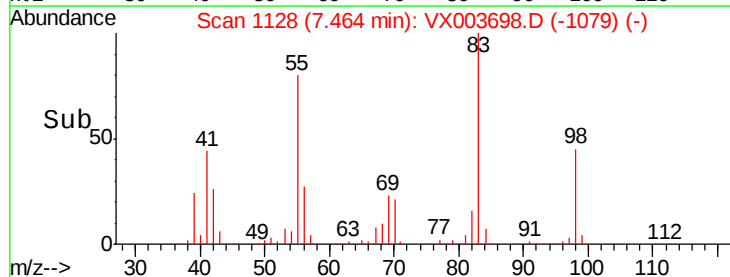
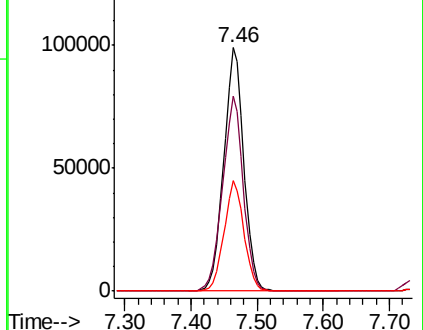
98 45.1 36.6 55.0

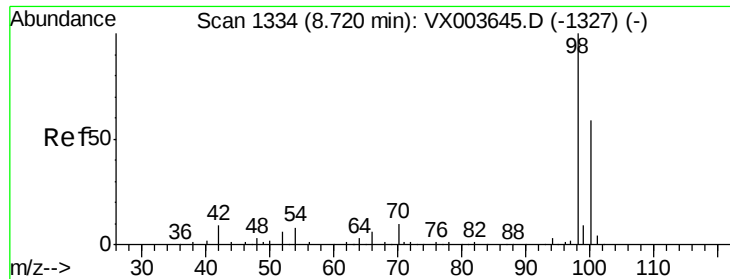


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





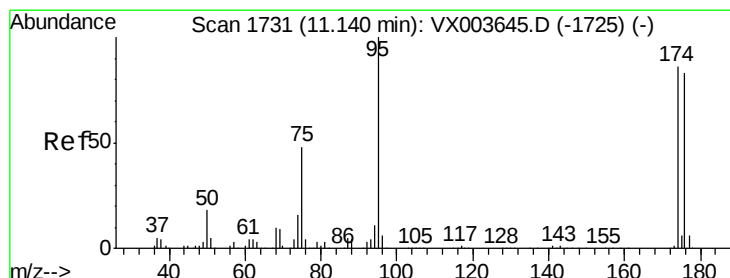
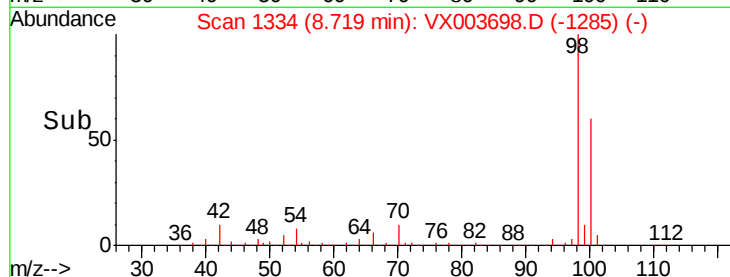
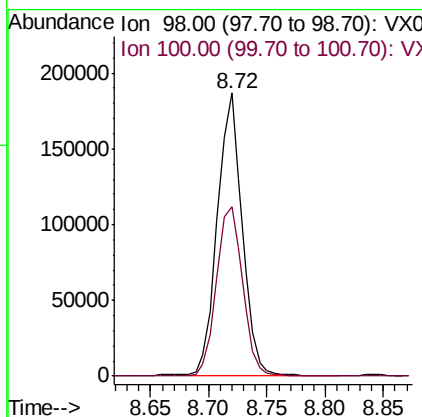
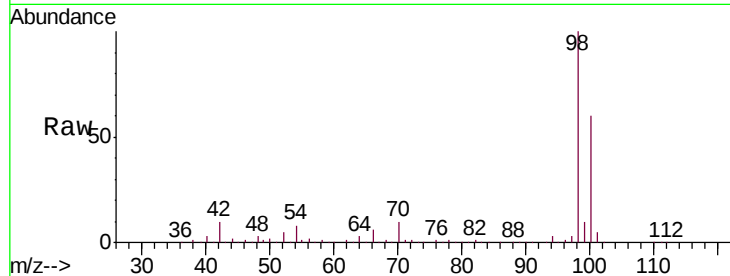
#50
Toluene-d8
Concen: 55.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
FL-0509

Tot Ion: 98 Resp: 274281
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

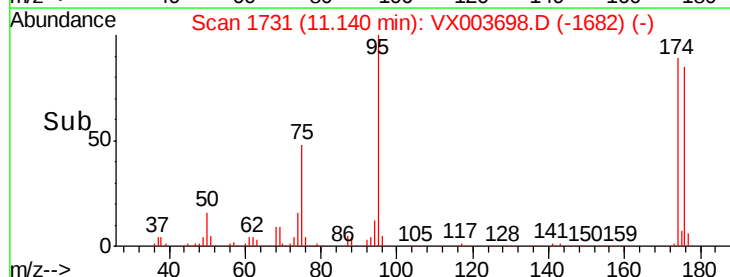
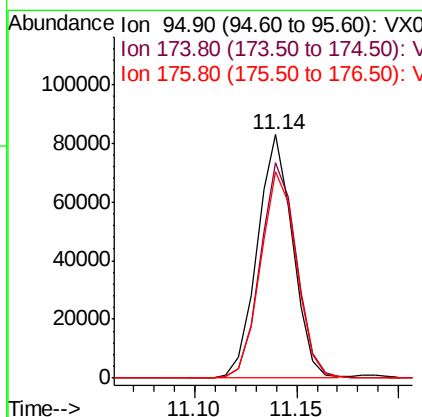
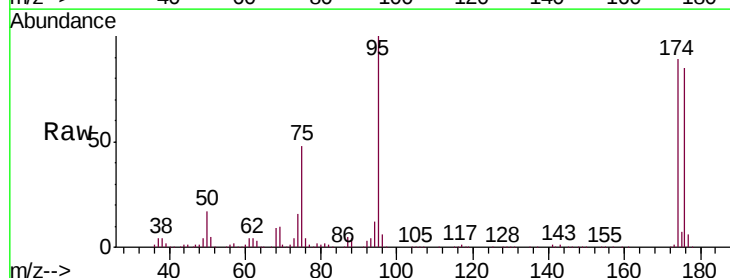
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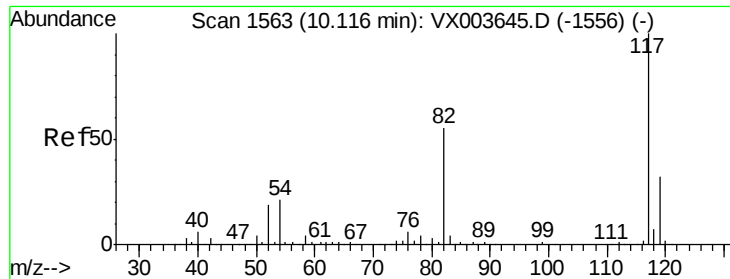
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#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 95 Resp: 99972
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.0
176 86.9 0.0 173.0





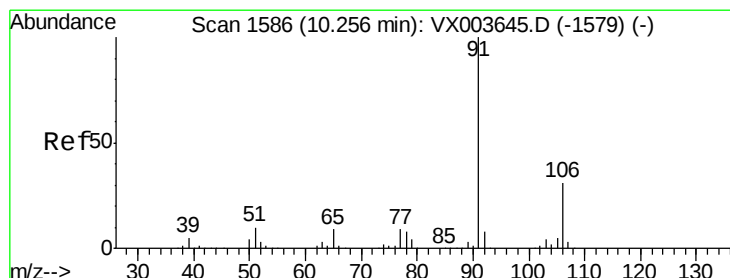
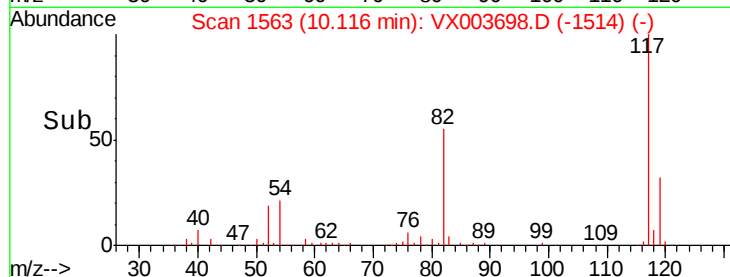
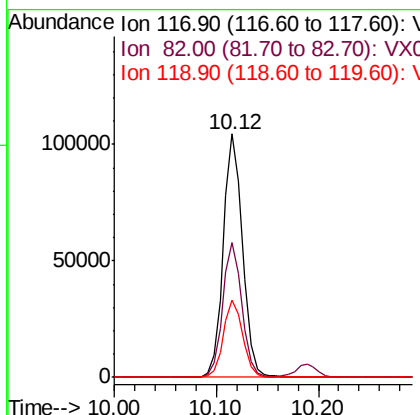
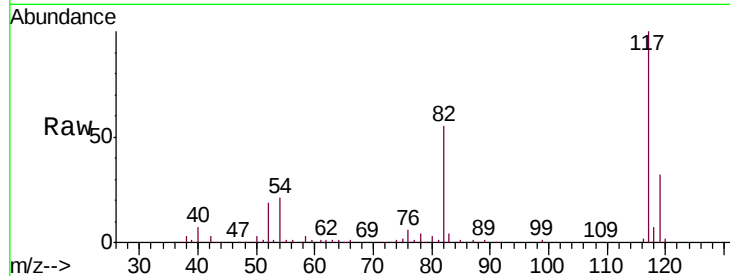
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.0	25.6	38.4

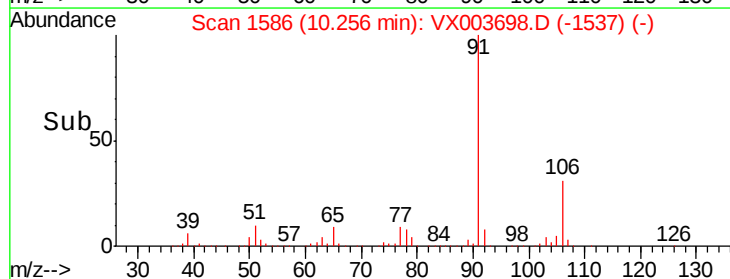
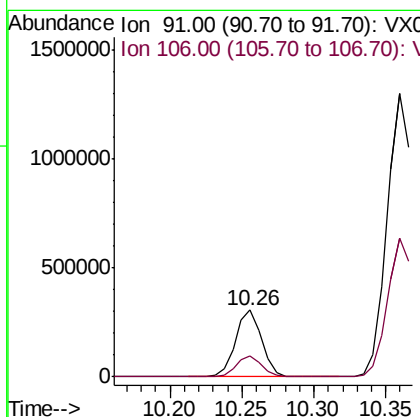
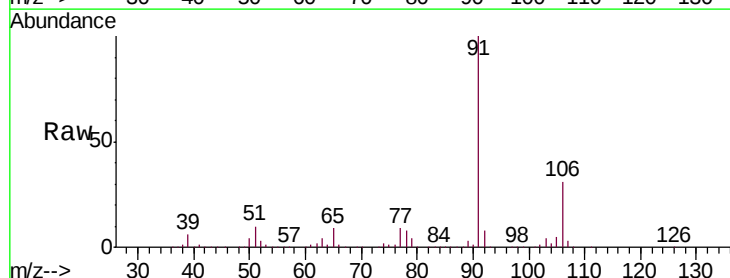
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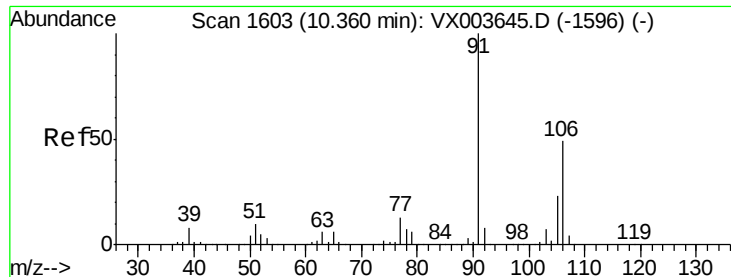
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#67
Ethyl Benzene
Concen: 67.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.6





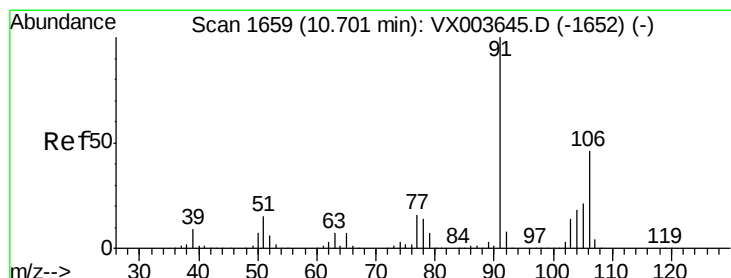
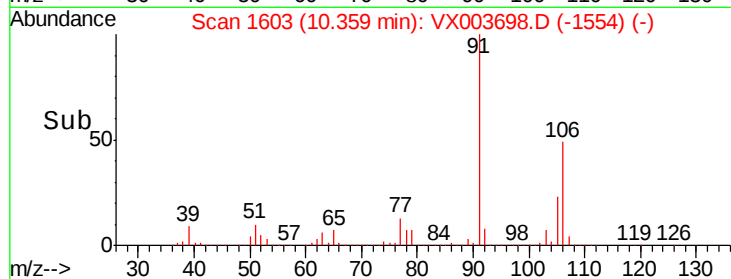
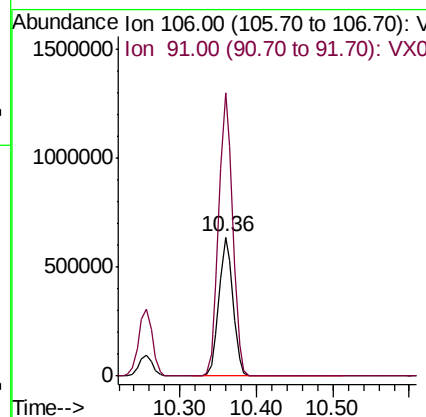
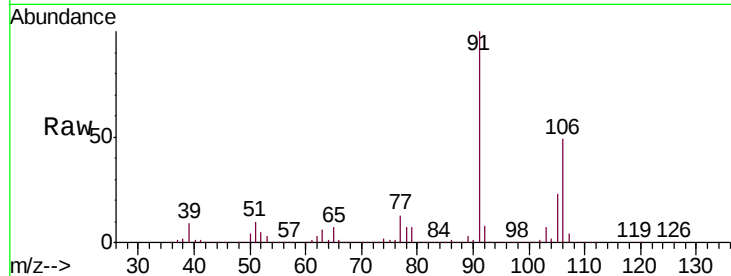
#68
m/p-Xvlenes
Concen: 365.96 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion:106 Resp: 809159
Ion Ratio Lower Upper
106 100
91 203.7 162.2 243.2

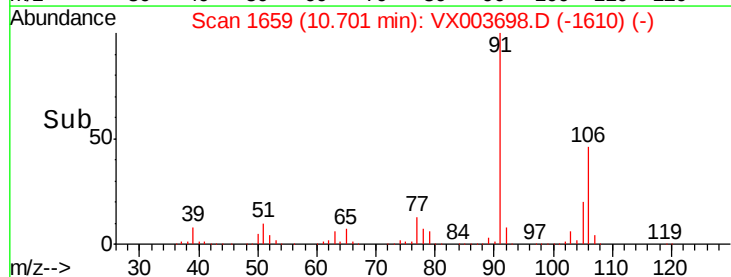
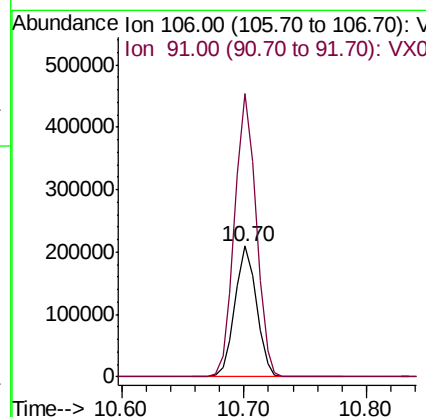
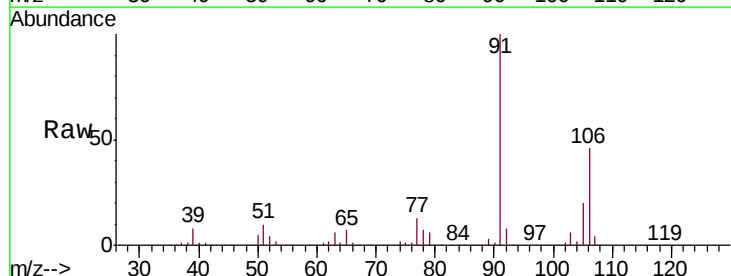
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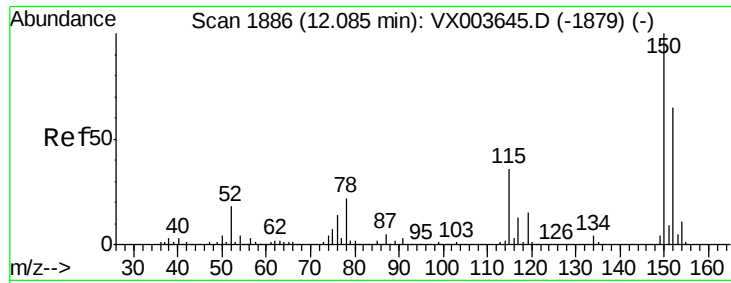
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#69
o-Xylene
Concen: 119.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion:106 Resp: 254495
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

FL-0509

Tot Ion:152 Resp: 80989

Ion Ratio Lower Upper

152 100

115 58.3 40.0 119.9

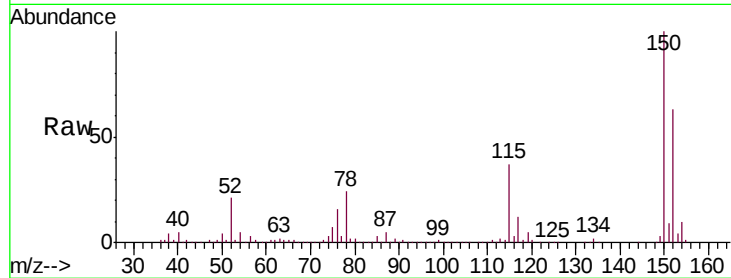
150 156.5 0.0 348.4

Manual Integrations

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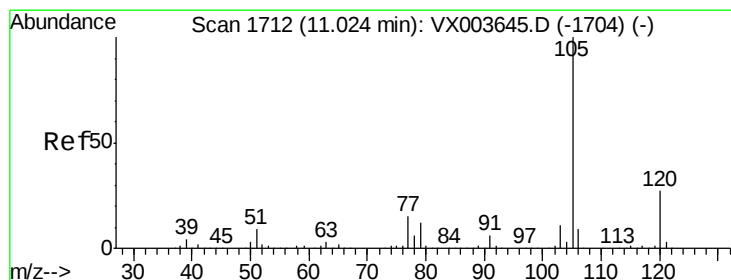
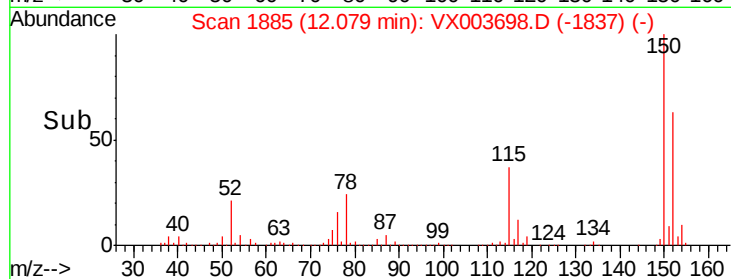
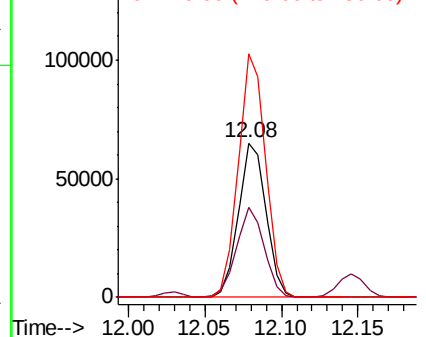
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 44.49 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003698.D

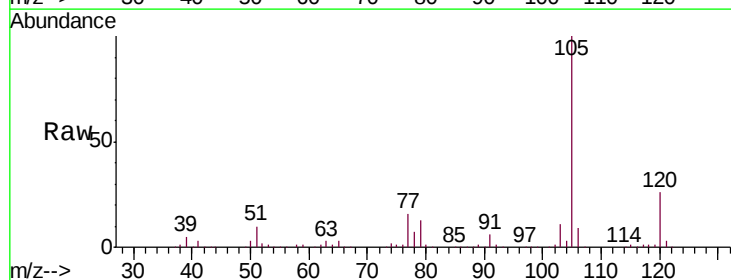
Acq: 27 Jul 2018 05:07

Tgt Ion:105 Resp: 246182

Ion Ratio Lower Upper

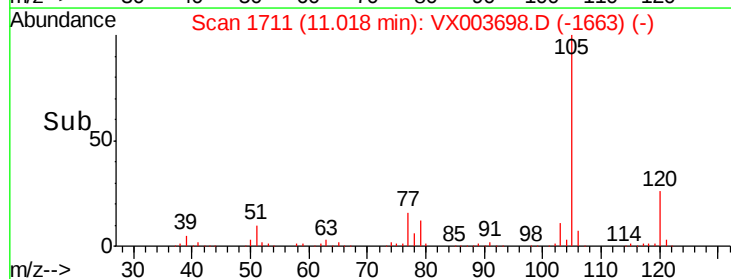
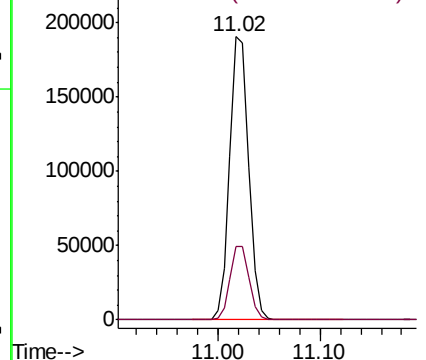
105 100

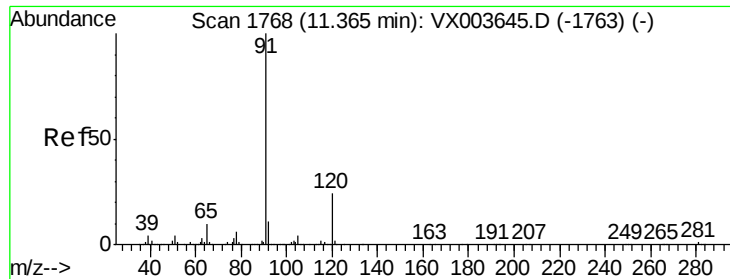
120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 28.02 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0509

Tot Ion: 91 Resp: 179003

Ion Ratio Lower Upper

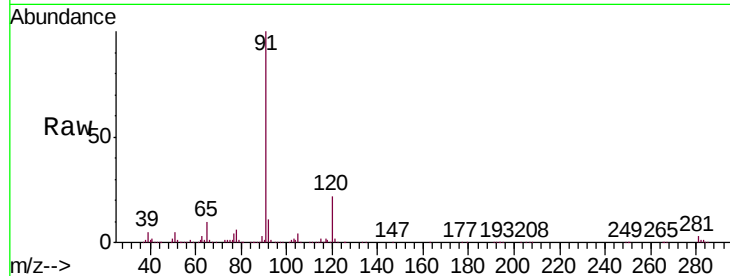
91 100

120 22.7 11.8 35.3

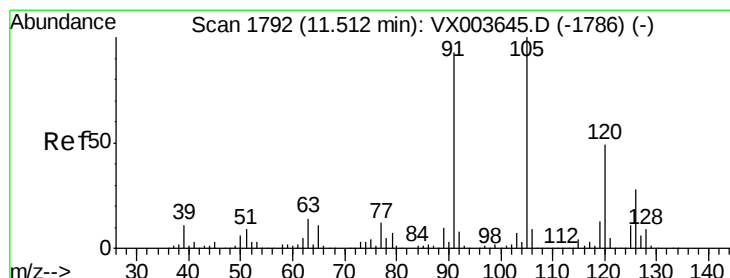
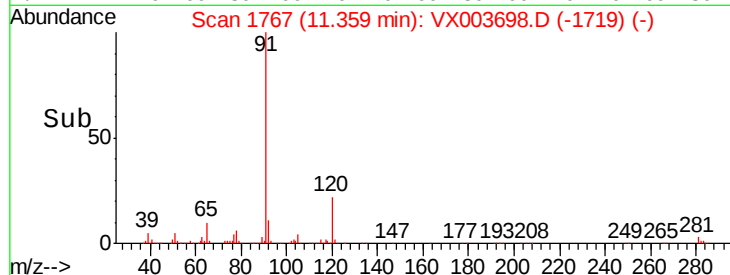
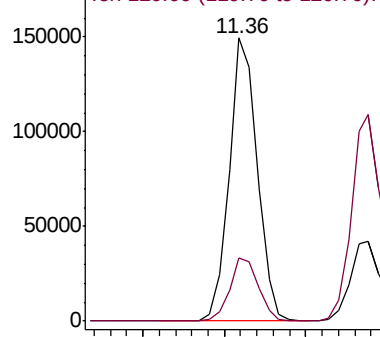
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Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1763) (-)



#80

1,3,5-Trimethylbenzene

Concen: 59.61 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003698.D

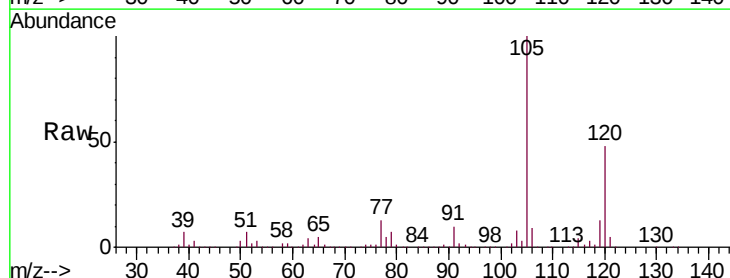
Acq: 27 Jul 2018 05:07

Tgt Ion: 105 Resp: 279057

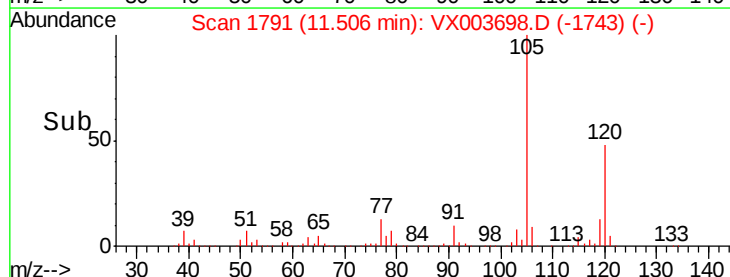
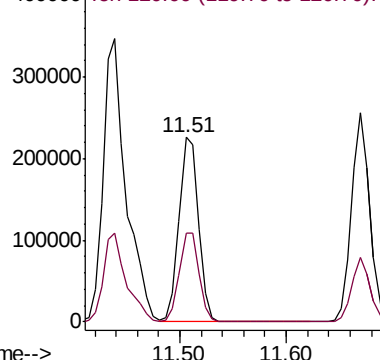
Ion Ratio Lower Upper

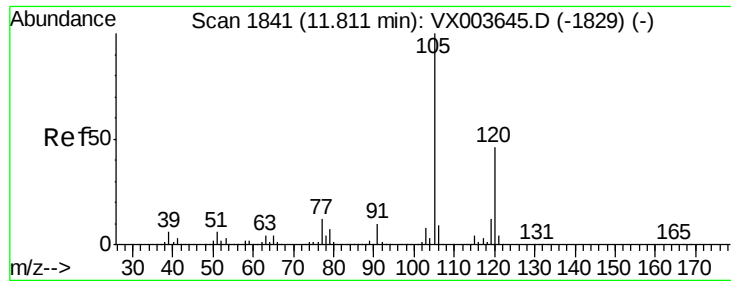
105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)





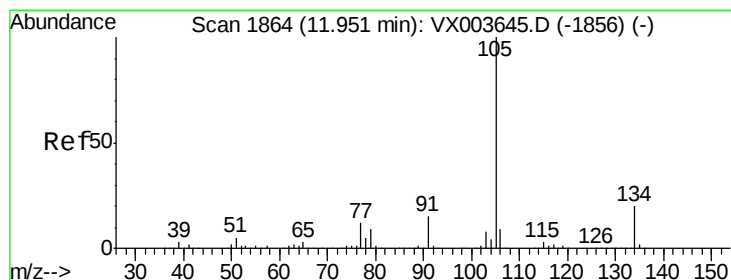
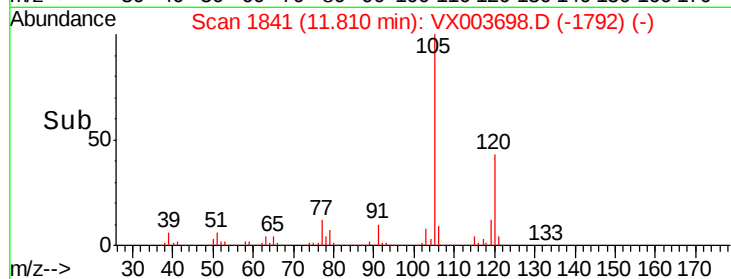
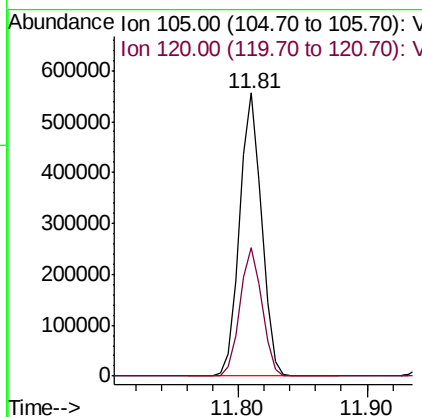
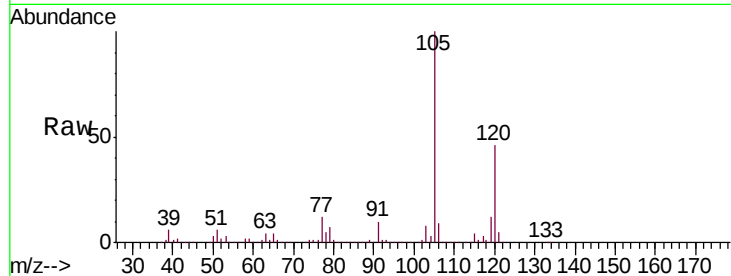
#84
1,2,4-Trimethylbenzene
Concen: 136.47 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion:105 Resp: 656640
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8

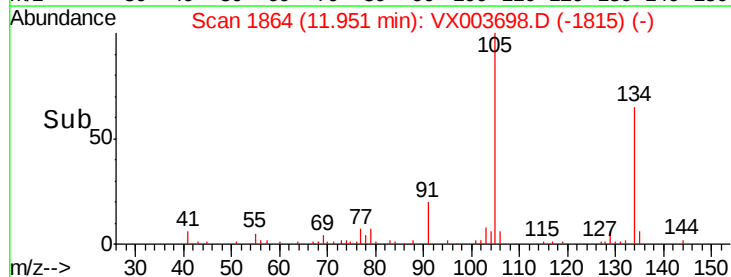
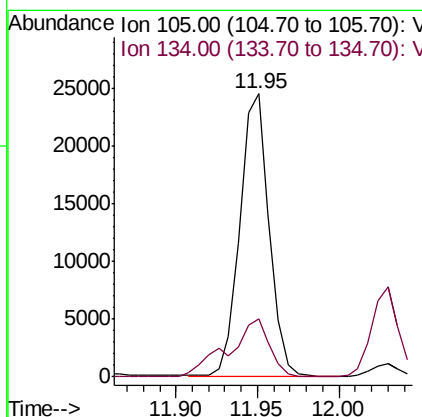
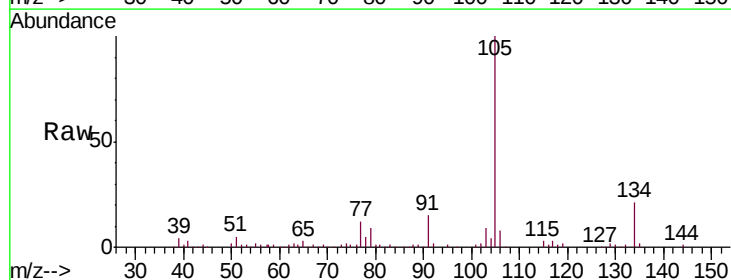
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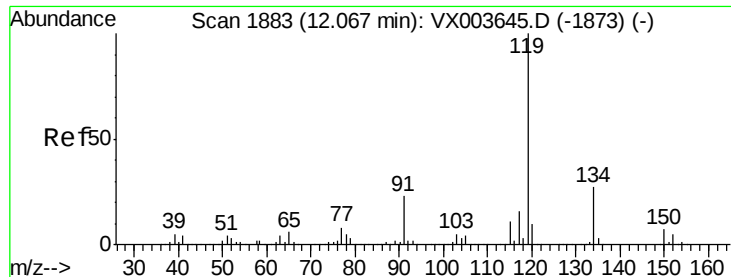
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#85
sec-Butylbenzene
Concen: 5.56 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion:105 Resp: 30392
Ion Ratio Lower Upper
105 100
134 29.3 10.1 30.1





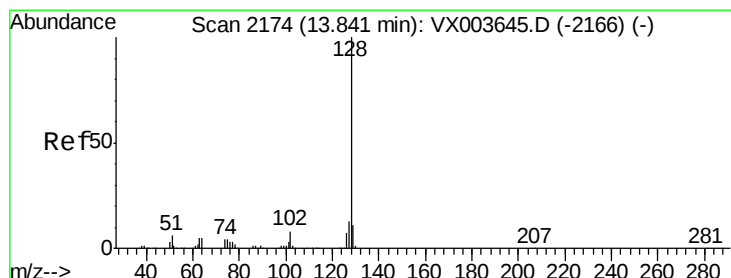
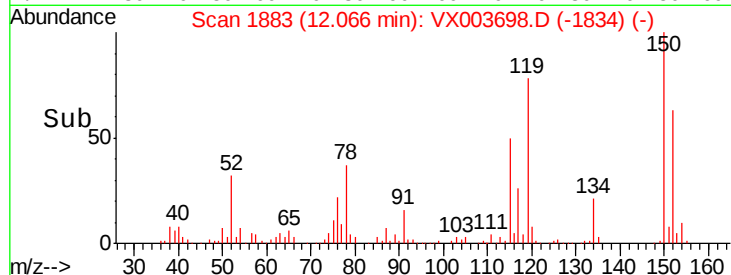
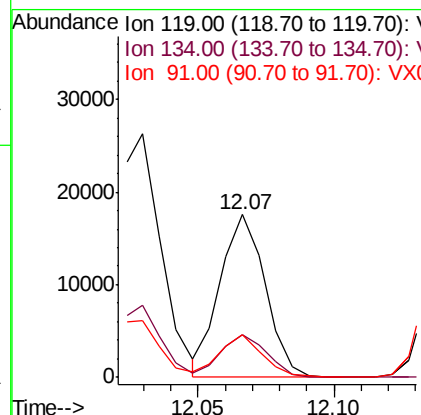
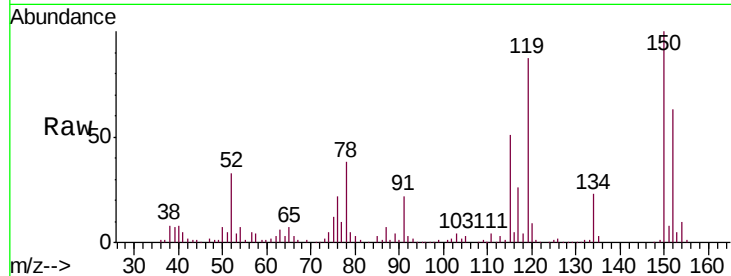
#86
 p-Isopropyltoluene
 Concen: 4.12 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0509

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.9
91	25.6	11.5	34.5

Manual Integrations
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#95
 Naphthalene
 Concen: 37.73 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	8.7	13.1

