

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003780.D
 Acq On : 01 Aug 2018 05:34
 Operator : JC/SP
 Sample : J4143-05
 Misc : 10.77G/5.0mL/MSVOA X/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-01(3-5)

Manual Integrations
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Quant Time: Aug 01 19:01:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	121608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	173759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	107782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	35833	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	48821	39.69	ug/l	0.00
Spiked Amount			Recovery	=	79.38%	
35) Dibromofluoromethane	5.50	113	15879	15.52	ug/l	0.00
Spiked Amount			Recovery	=	31.04%	
50) Toluene-d8	8.72	98	140726	32.99	ug/l	0.00
Spiked Amount			Recovery	=	65.98%	
62) 4-Bromofluorobenzene	11.14	95	33863	21.53	ug/l	0.00
Spiked Amount			Recovery	=	43.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	26992	57.46	ug/l	95
17) Carbon Disulfide	2.57	76	24502	6.93	ug/l	98
40) Benzene	6.15	78	8201	1.76	ug/l	99
67) Ethyl Benzene	10.26	91	4378	1.15	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	5832m	3.05	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	4658	2.36	ug/l	99
86) p-Isopropyltoluene	12.07	119	2783	1.26	ug/l	77
95) Naphthalene	13.83	128	36761	19.68	ug/l	98

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

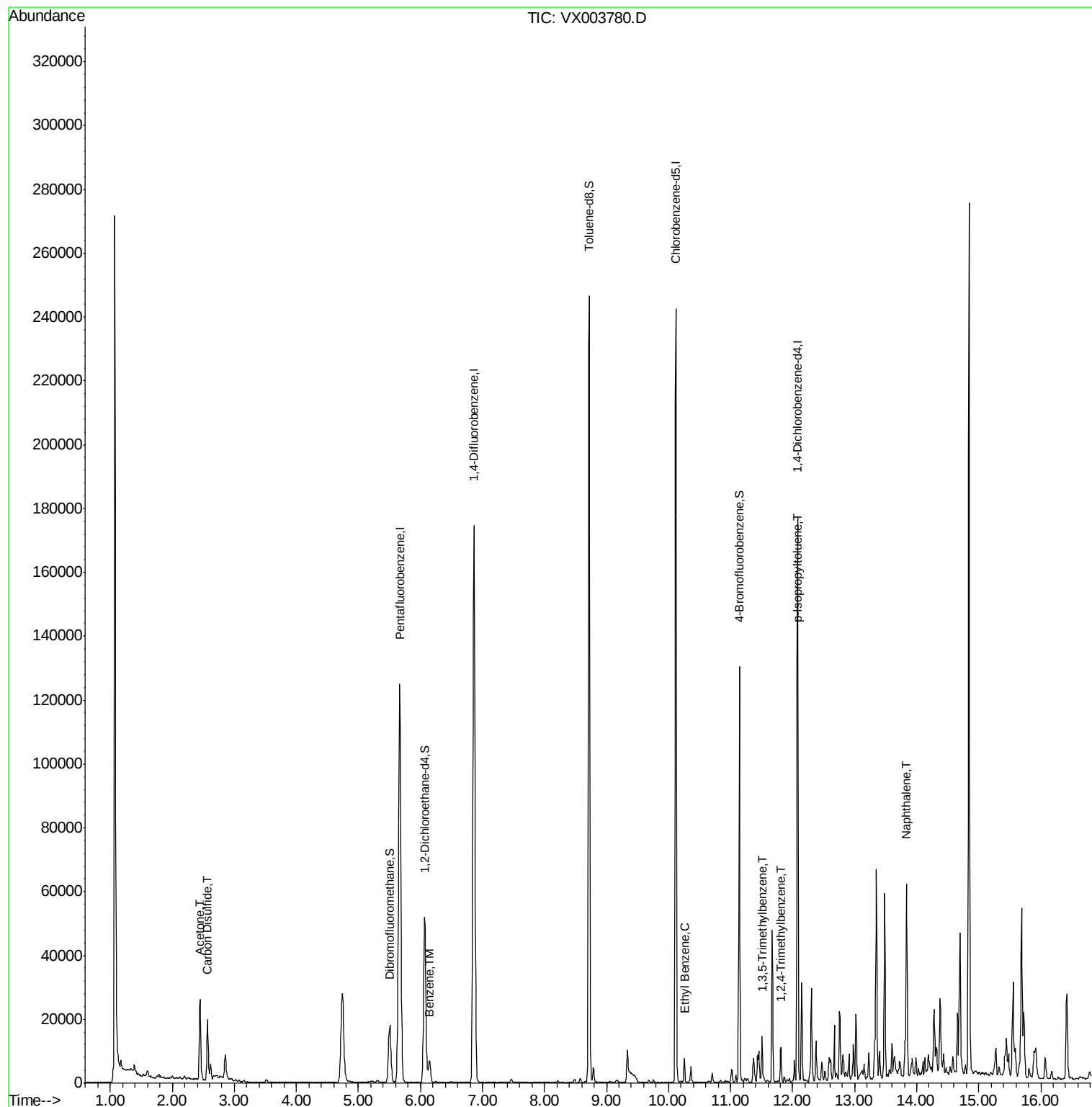
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003780.D
Acq On : 01 Aug 2018 05:34
Operator : JC/SP
Sample : J4143-05
Misc : 10.77G/5.0mL/MSVOA X/SOIL
ALS Vial : 39 Sample Multiplier: 1

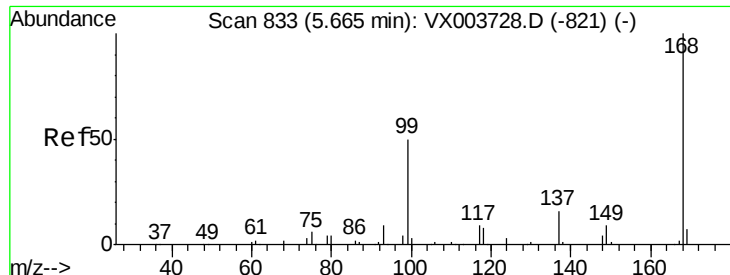
Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

Manual Integrations
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Quant Time: Aug 01 19:01:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





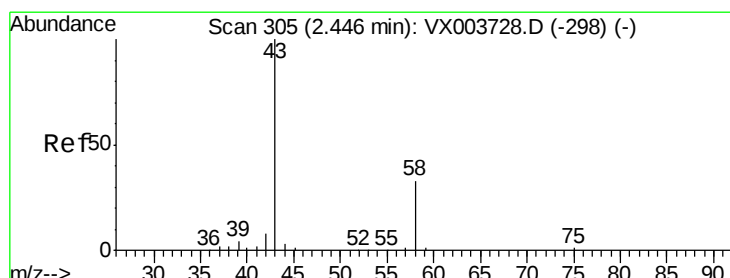
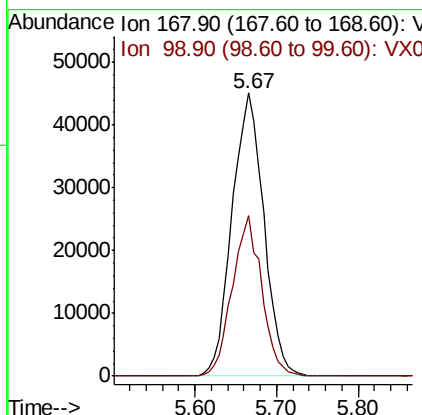
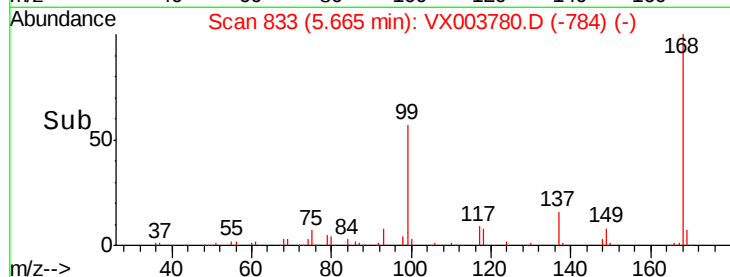
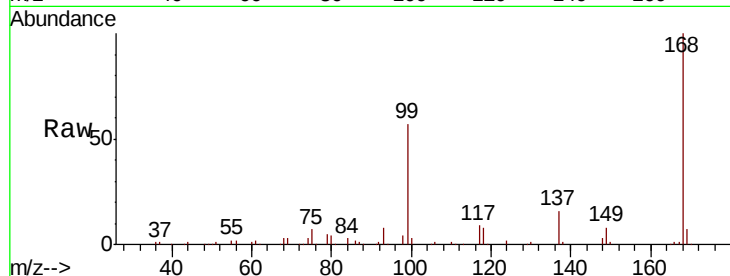
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003780.D
Acq: 01 Aug 2018 05:34

Instrument :
MSVOA_X
ClientSampled :
GW-01(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
168	100	121608		
99	56.9	40.2	60.2	

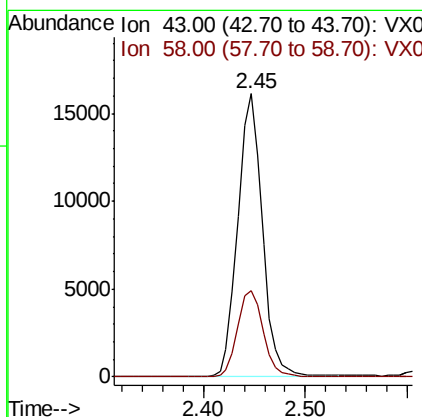
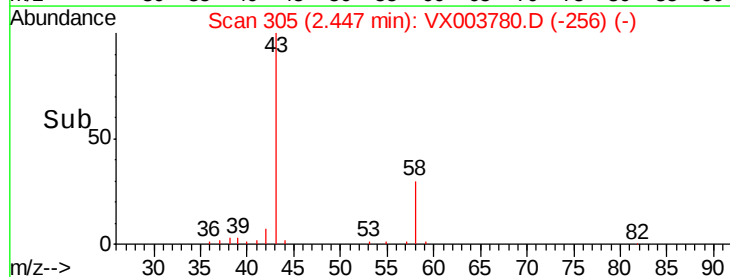
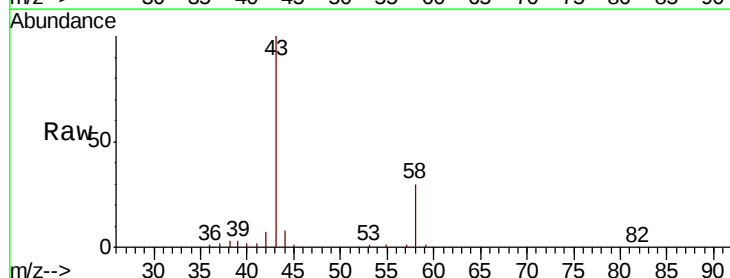
Manual Integrations
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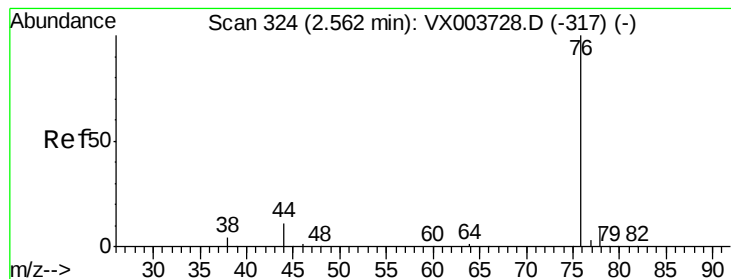
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#16
Acetone
Concen: 57.46 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003780.D
Acq: 01 Aug 2018 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	26992		
58	30.4	26.7	40.1	





#17

Carbon Disulfide

Concen: 6.93 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

GW-01(3-5)

Tot Ion: 76 Resp: 24502

Ion Ratio Lower Upper

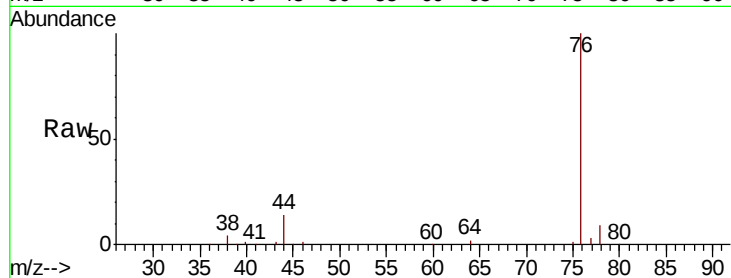
76 100

78 8.6 7.3 10.9

Manual Integrations
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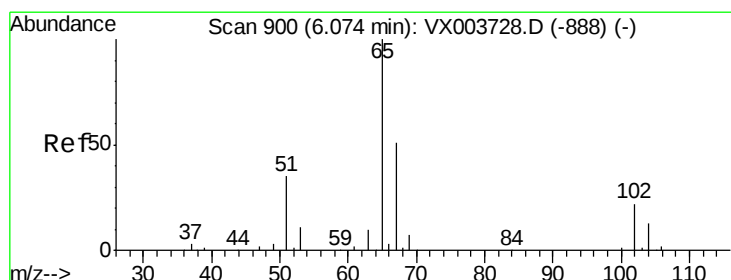
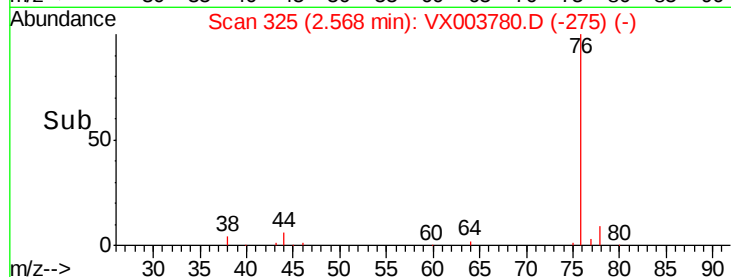
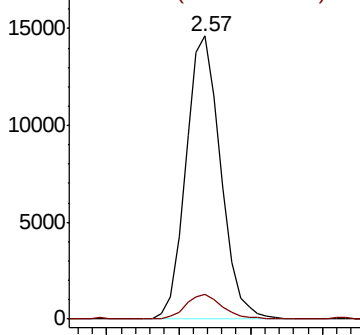
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 39.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003780.D

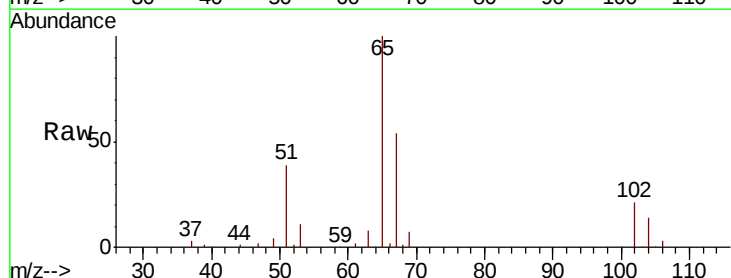
Acq: 01 Aug 2018 05:34

Tgt Ion: 65 Resp: 48821

Ion Ratio Lower Upper

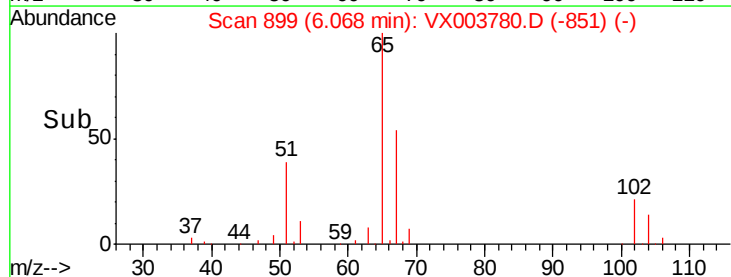
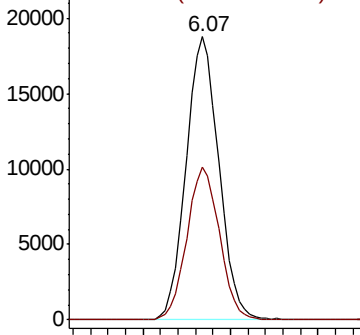
65 100

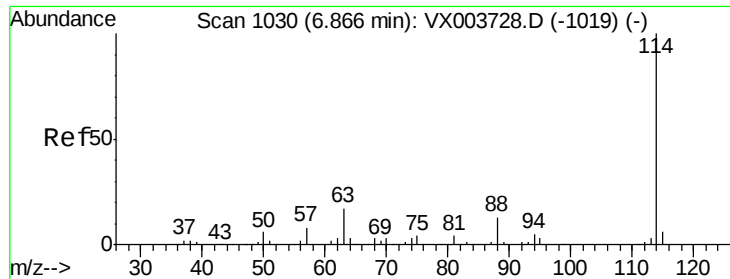
67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





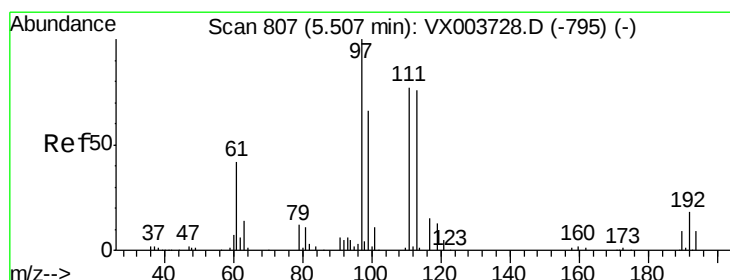
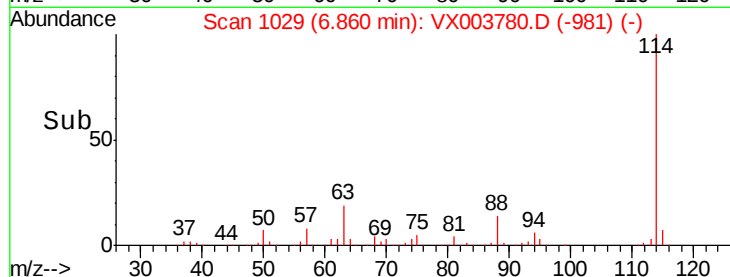
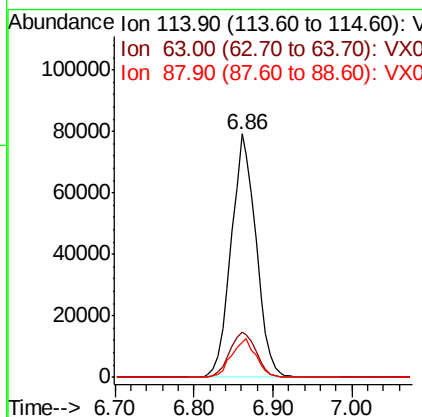
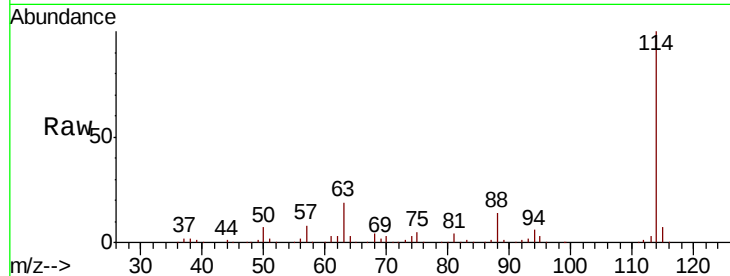
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003780.D
 Acq: 01 Aug 2018 05:34

Instrument :
 MSVOA_X
 ClientSampled :
 GW-01(3-5)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.6	0.0	34.0
88	14.2	0.0	26.4

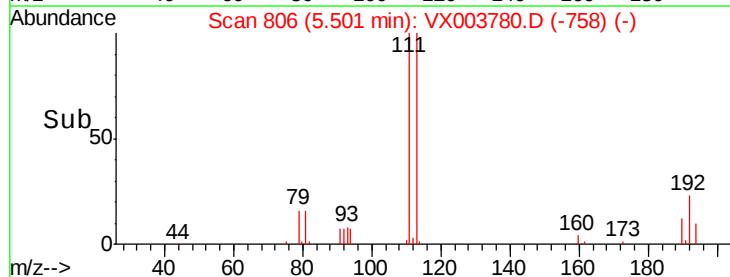
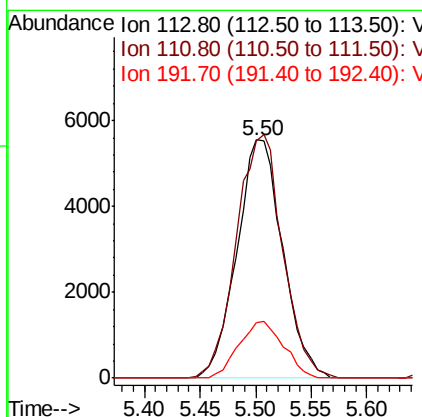
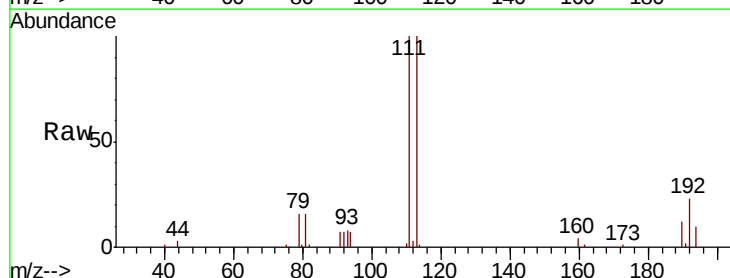
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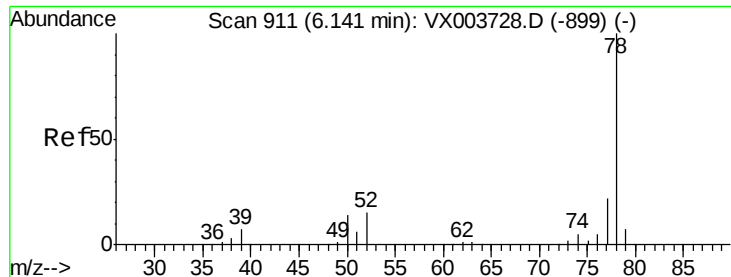
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#35
 Dibromofluoromethane
 Concen: 15.52 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003780.D
 Acq: 01 Aug 2018 05:34

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.2	81.8	122.6
192	23.2	18.8	28.2





#40

Benzene

Concen: 1.76 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

GW-01(3-5)

Tot Ion: 78 Resp: 8201

Ion Ratio Lower Upper

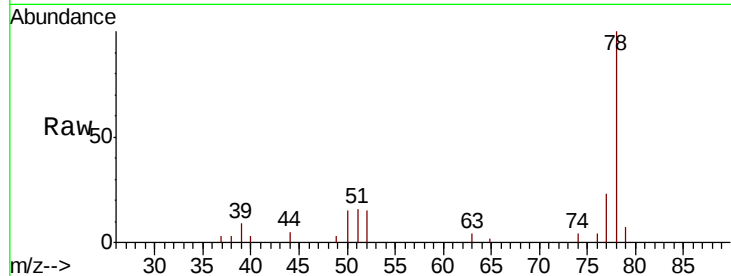
78 100

77 22.8 17.9 26.9

Manual Integrations
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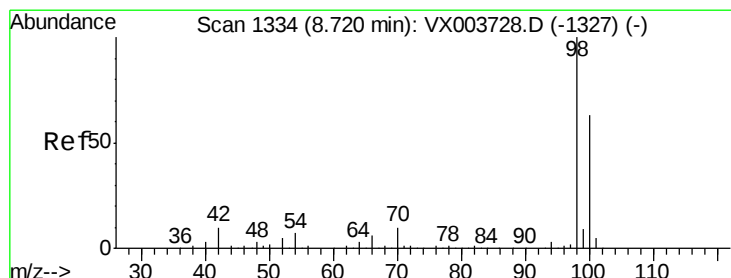
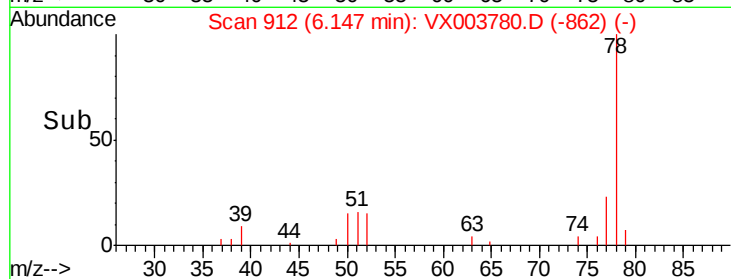
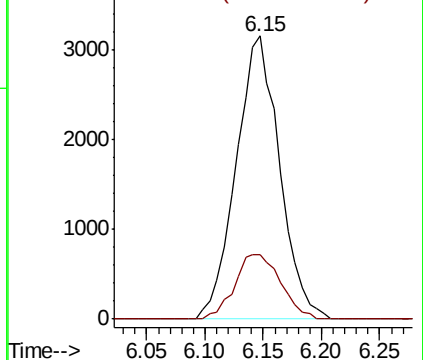
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 32.99 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003780.D

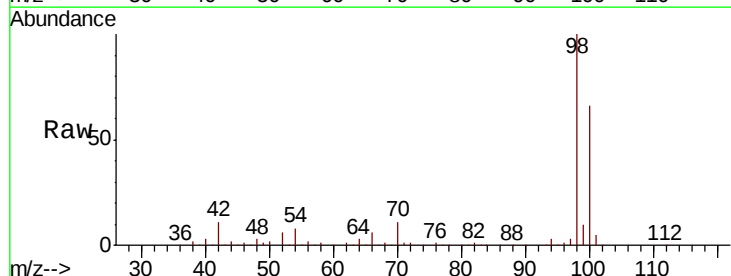
Acq: 01 Aug 2018 05:34

Tgt Ion: 98 Resp: 140726

Ion Ratio Lower Upper

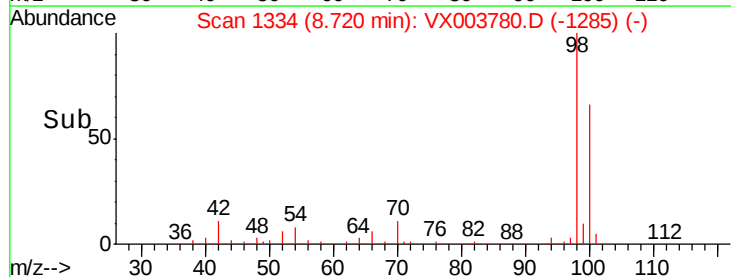
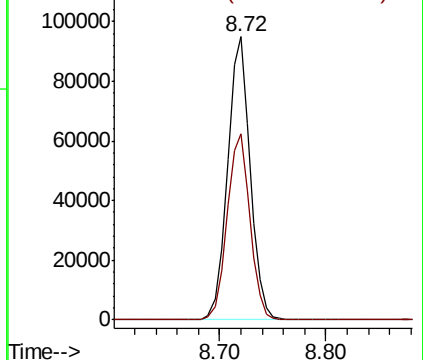
98 100

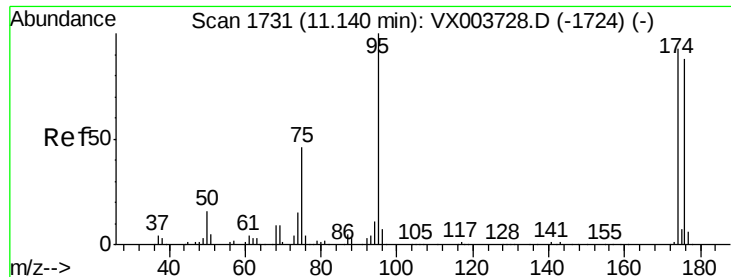
100 66.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 21.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

GW-01(3-5)

Tot Ion: 95 Resp: 33863

Ion Ratio Lower Upper

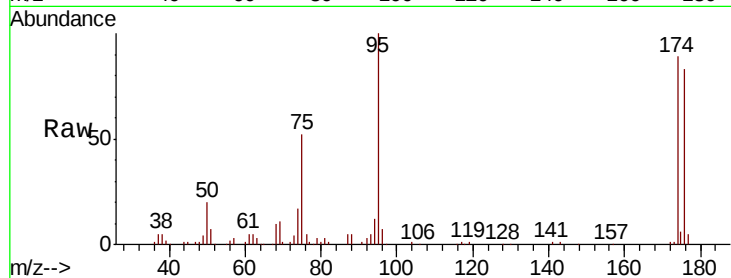
95 100

174 89.1 0.0 186.2

176 84.7 0.0 179.2

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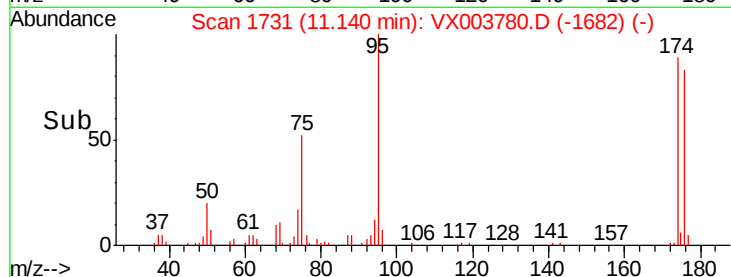


Abundance Ion 94.90 (94.60 to 95.60): VX003780.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003780.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003780.D (-1682) (-)

Time-->



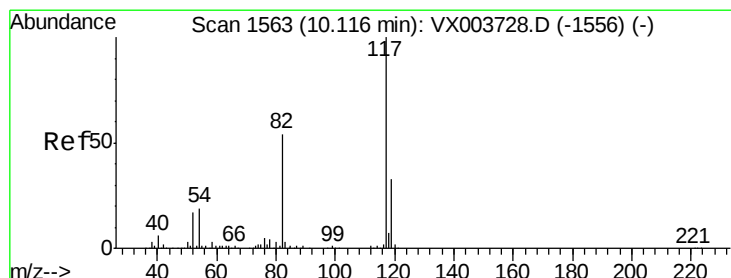
Abundance

Ion 94.90 (94.60 to 95.60): VX003780.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003780.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003780.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

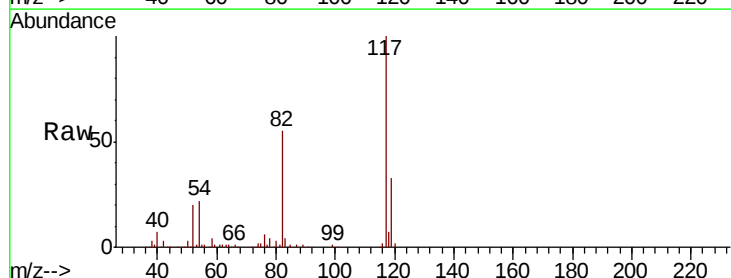
Tgt Ion: 117 Resp: 107782

Ion Ratio Lower Upper

117 100

82 55.1 43.2 64.8

119 33.1 26.3 39.5

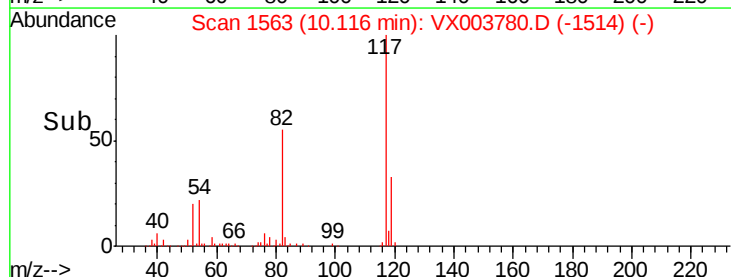


Abundance Ion 116.90 (116.60 to 117.60): VX003780.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003780.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003780.D (-1514) (-)

Time-->



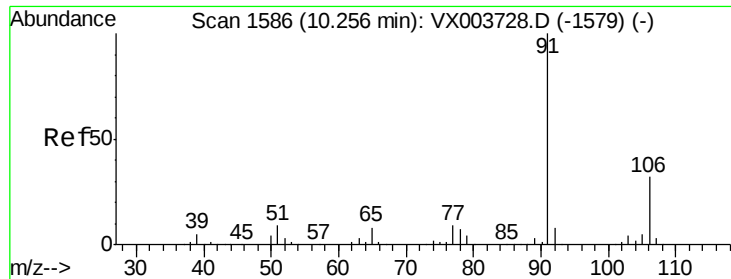
Abundance

Ion 116.90 (116.60 to 117.60): VX003780.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003780.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003780.D (-1514) (-)

Time-->



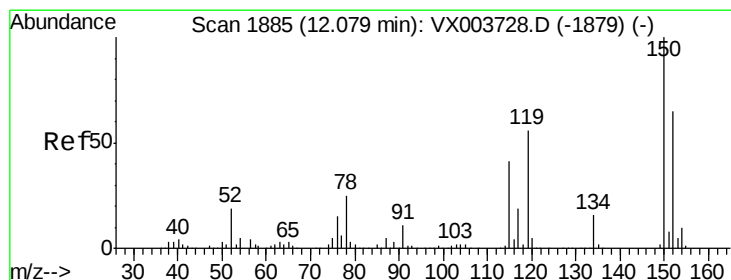
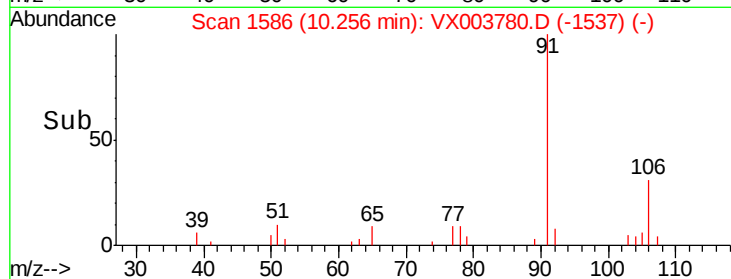
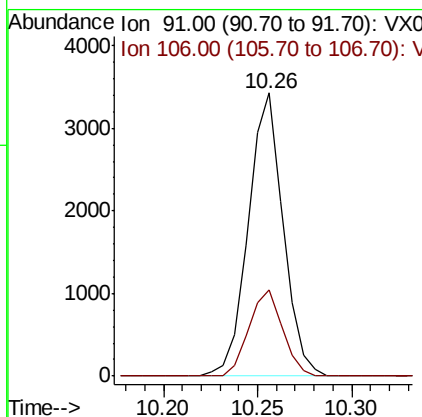
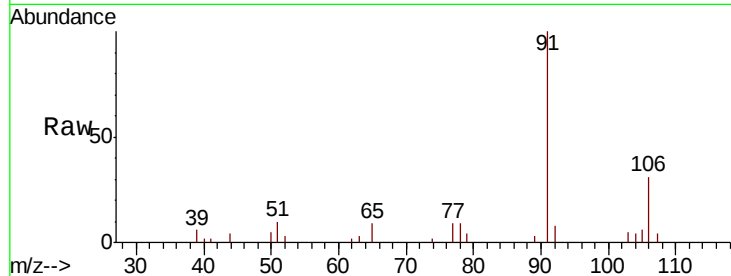
#67
Ethyl Benzene
Concen: 1.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003780.D
Acq: 01 Aug 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
GW-01(3-5)

Tot Ion: 91 Resp: 4378
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

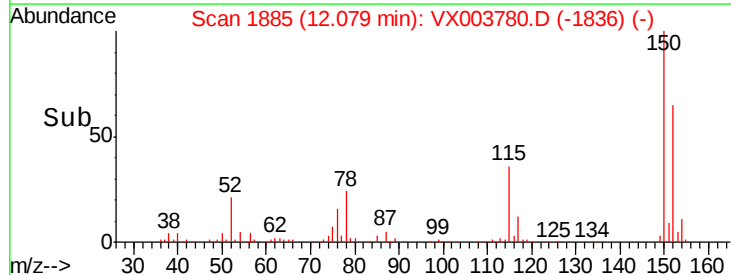
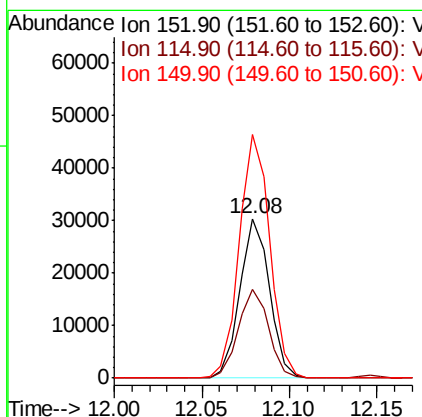
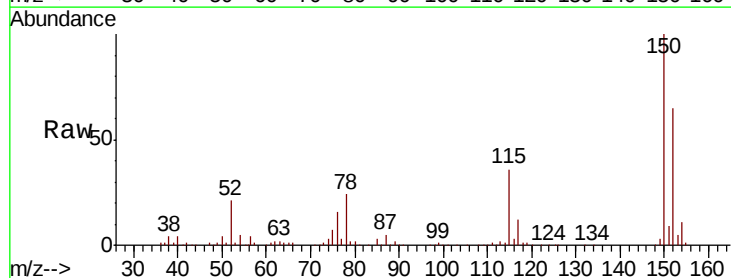
Manual Integrations
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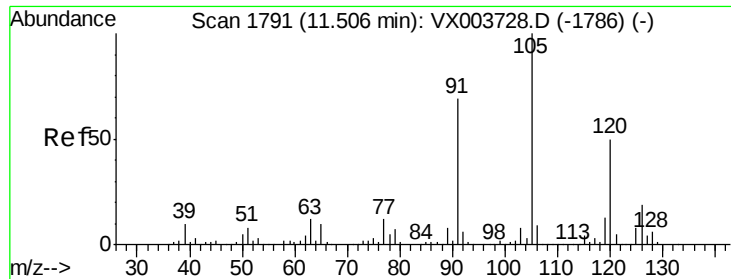
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003780.D
Acq: 01 Aug 2018 05:34

Tgt Ion: 152 Resp: 35833
Ion Ratio Lower Upper
152 100
115 57.0 38.5 115.3
150 156.4 0.0 346.2





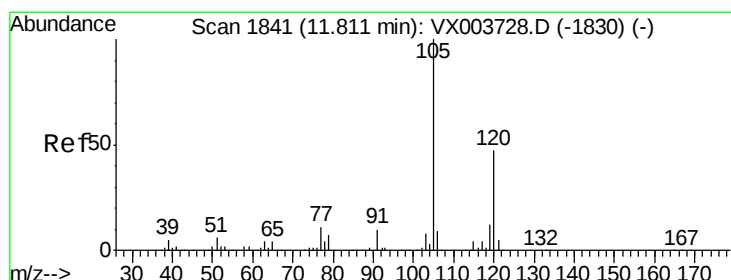
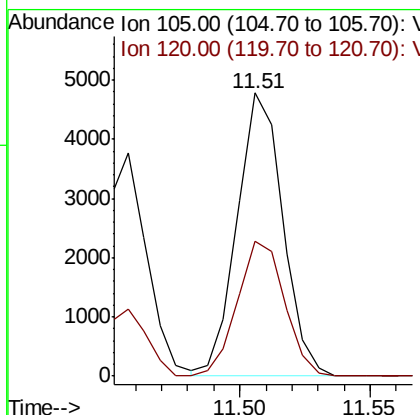
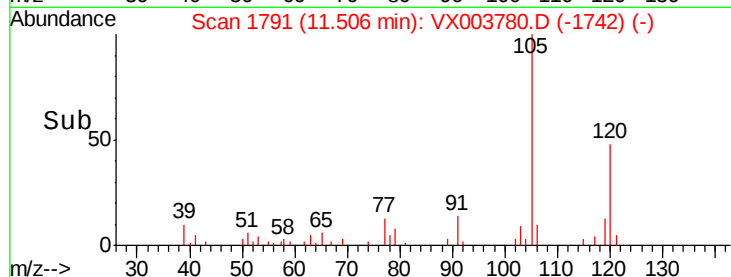
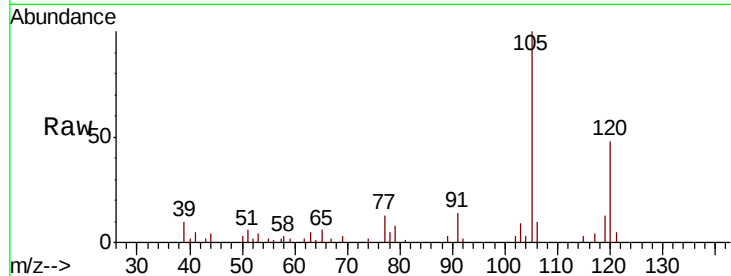
#80
 1,3,5-Trimethylbenzene
 Concen: 3.05 ug/l m
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003780.D
 Acq: 01 Aug 2018 05:34

Instrument :
 MSVOA_X
 ClientSampled :
 GW-01(3-5)

Tot Ion	Ratio	Lower	Upper
105	100		
120	20.9	15.8	47.4

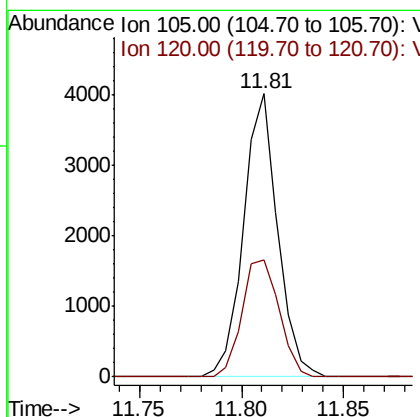
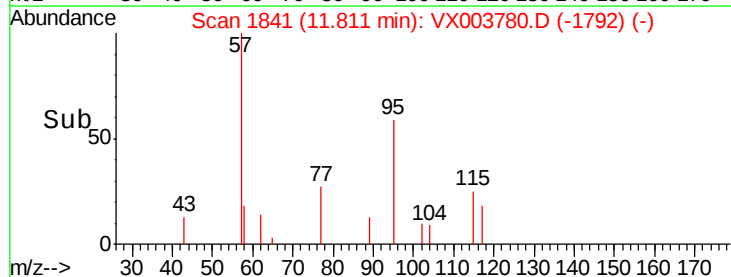
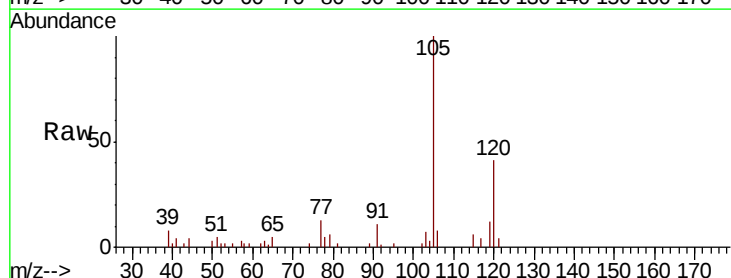
Manual Integrations
 APPROVED

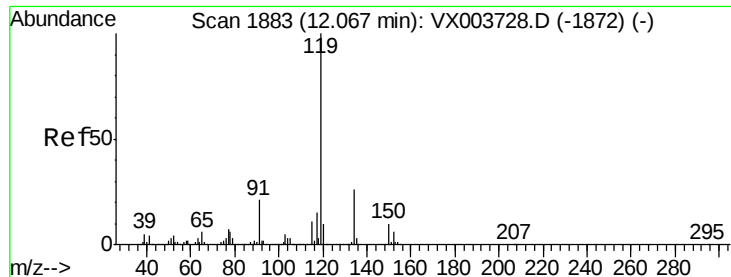
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.36 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003780.D
 Acq: 01 Aug 2018 05:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#86

p-Isopropyltoluene

Concen: 1.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

Instrument :

MSVOA_X

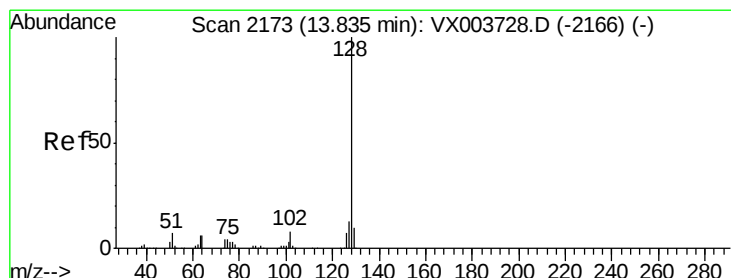
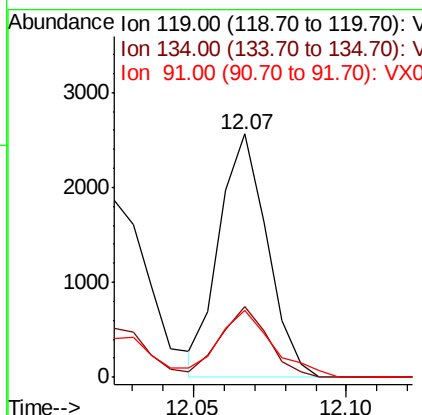
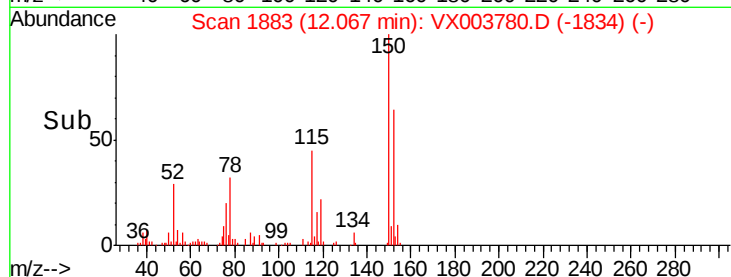
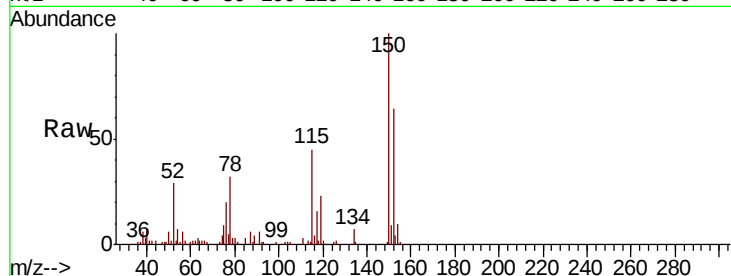
ClientSampleId :

GW-01(3-5)

Tot Ion:	119	Resp:	2783
Ion Ratio	Lower	Upper	
119	100		
134	28.9	10.1	30.1
91	30.5	23.6	70.8

Manual Integrations
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#95

Naphthalene

Concen: 19.68 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003780.D

Acq: 01 Aug 2018 05:34

Tgt Ion:	128	Resp:	36761
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.2
129	12.2	8.7	13.1

