

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003125.D
 Acq On : 02 Jul 2018 14:16
 Operator : JC/MD
 Sample : J3716-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039DL

Manual Integrations
 APPROVED

sam
 7/3/2018 3:53:54 PM

Quant Time: Jul 03 09:04:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220380	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173789	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
35) Dibromofluoromethane	5.51	113	147818	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.72	98	520317	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	194008	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	37101	7.47	ug/l	95
39) Methylcyclohexane	7.46	83	49891	10.56	ug/l	95
67) Ethyl Benzene	10.26	91	447923	30.72	ug/l	98
68) m/p-Xylenes	10.37	106	204699	36.42	ug/l	98
73) Isopropylbenzene	11.02	105	90892	6.13	ug/l	99
78) n-propylbenzene	11.36	91	100723	5.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	471661	36.46	ug/l	98
95) Naphthalene	13.84	128	122935	8.15	ug/l	99

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

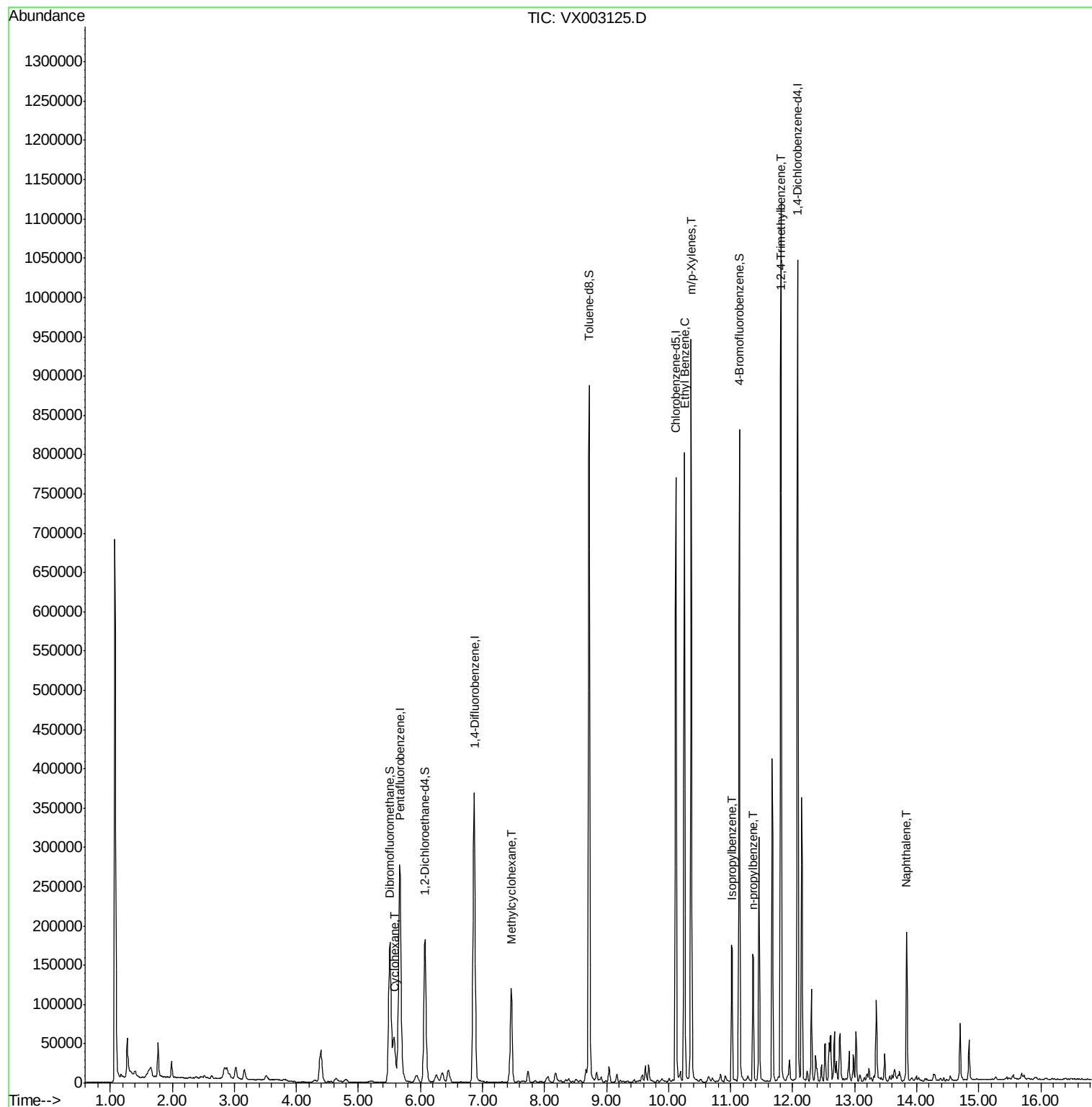
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070218\
Data File : VX003125.D
Acq On : 02 Jul 2018 14:16
Operator : JC/MD
Sample : J3716-07DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

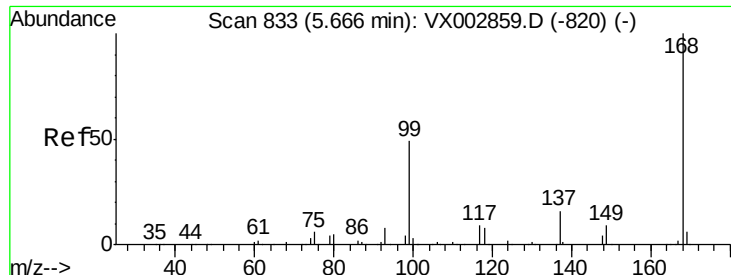
Instrument :
MSVOA_X
ClientSampleID :
S22-0039DL

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Quant Time: Jul 03 09:04:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 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: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

S22-0039DL

Tot Ion:168 Resp: 286470

Ion Ratio Lower Upper

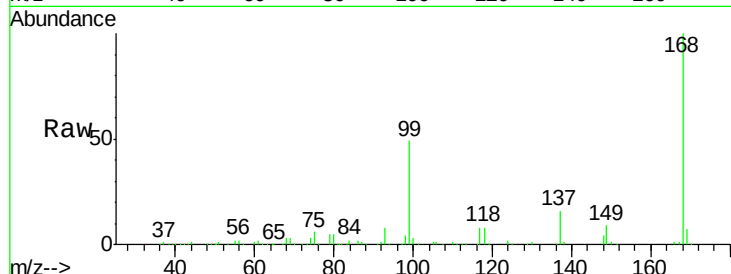
168 100

99 48.8 39.3 58.9

Manual Integrations
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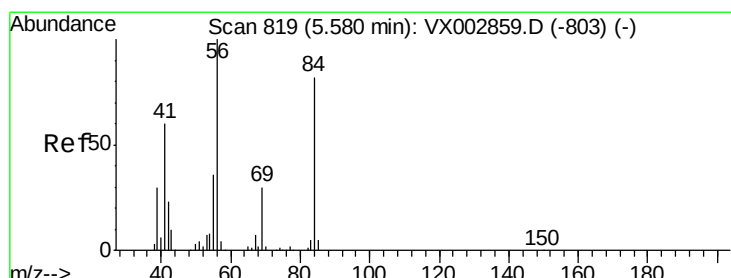
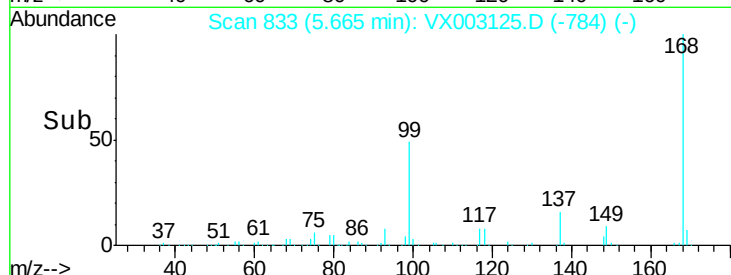
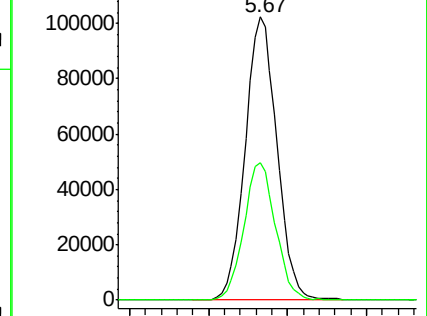
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 7.47 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

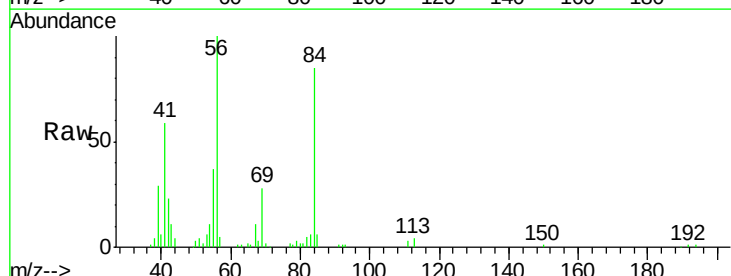
Tgt Ion: 56 Resp: 37101

Ion Ratio Lower Upper

56 100

69 28.1 23.7 35.5

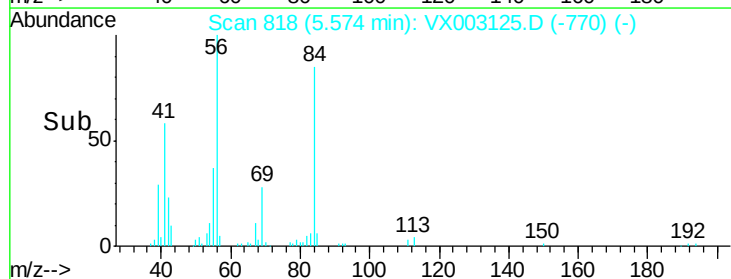
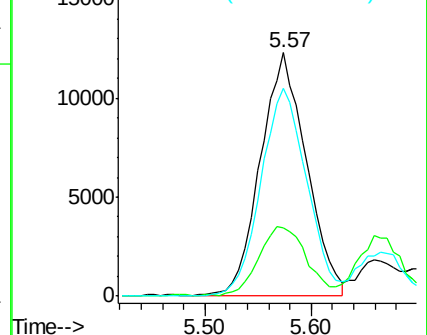
84 85.1 64.1 96.1

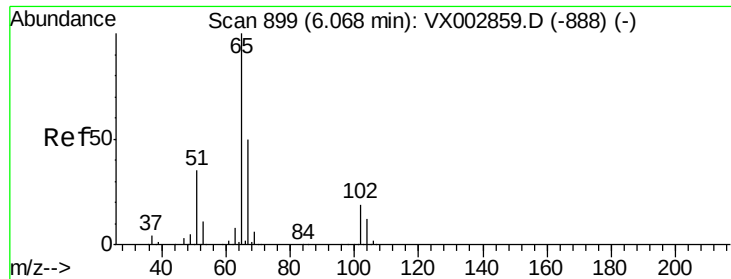


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Tot Ion: 65 Resp: 173789

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.6

Instrument :

MSVOA_X

ClientSampled :

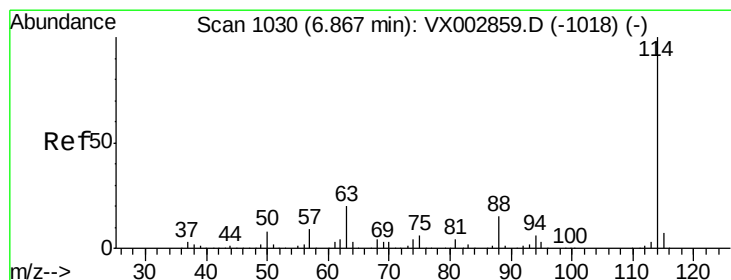
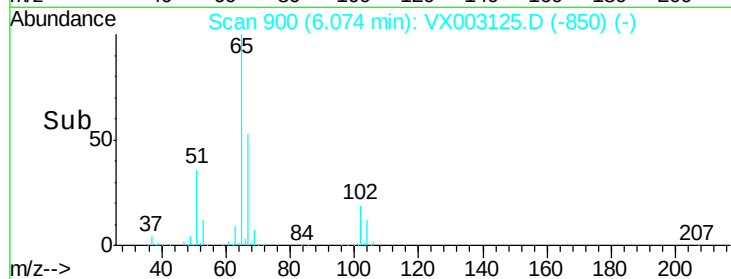
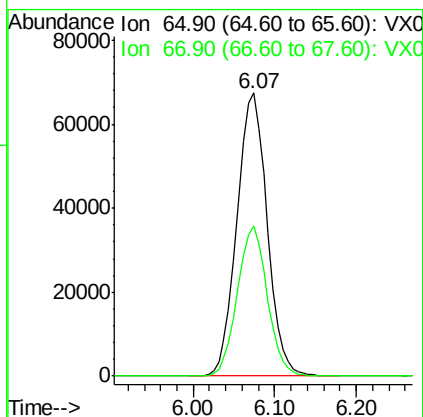
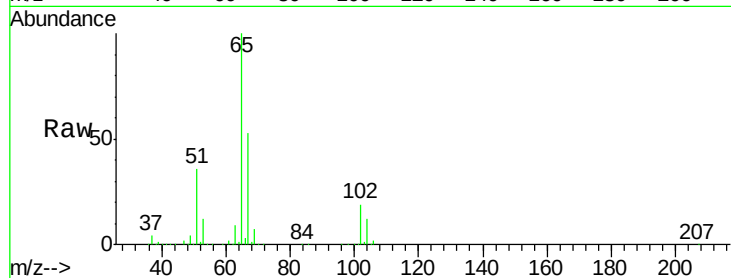
S22-0039DL

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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: VX003125.D

Acq: 02 Jul 2018 14:16

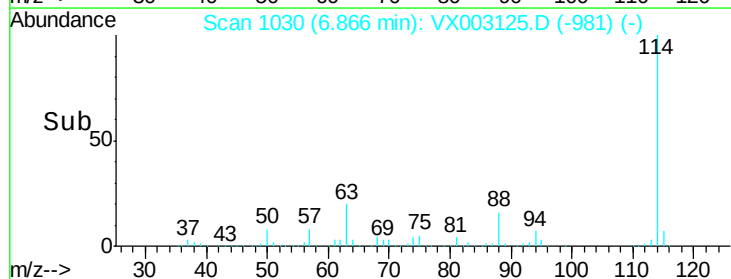
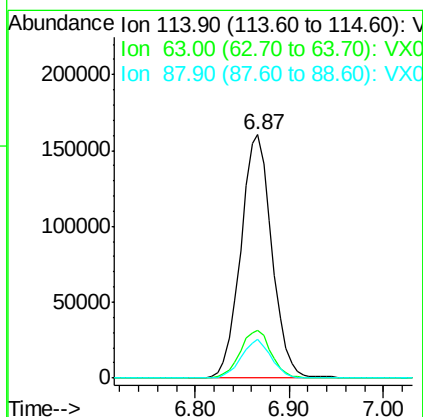
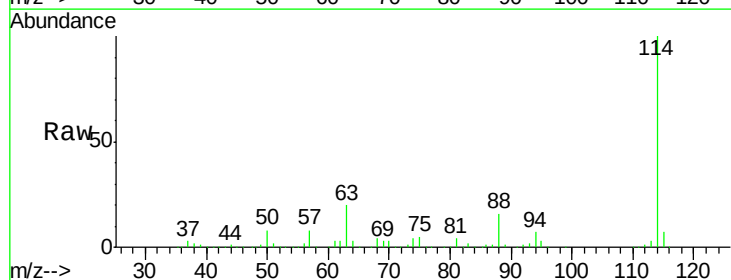
Tgt Ion: 114 Resp: 369957

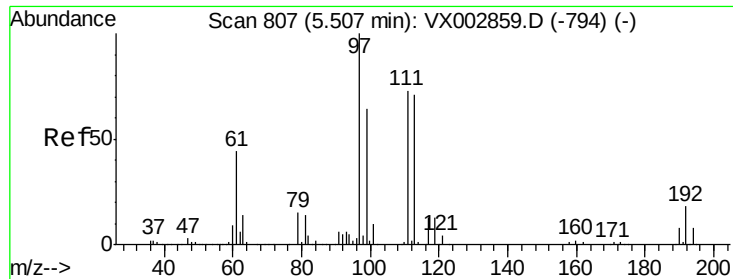
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

88 15.7 0.0 30.0





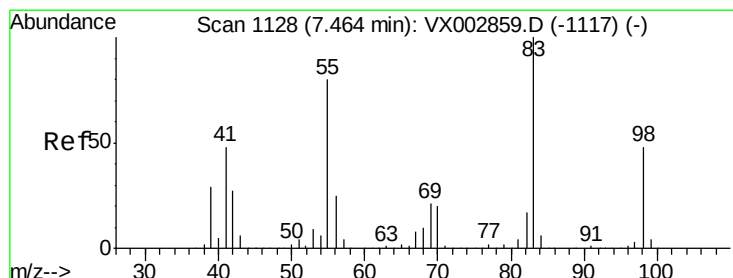
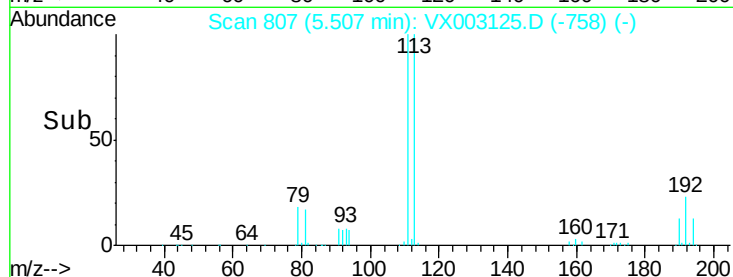
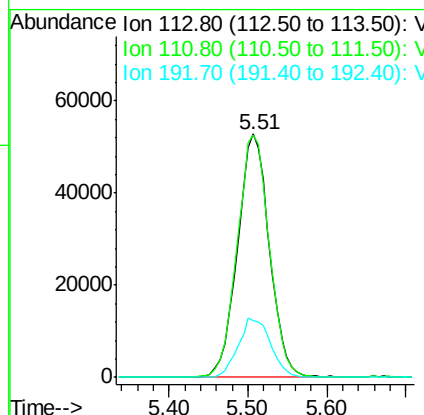
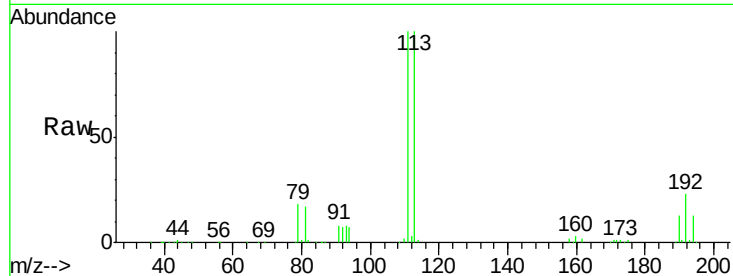
#35
Dibromofluoromethane
Concen: 50.45 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147818		
111	100.9	81.4	122.0	
192	24.8	19.1	28.7	

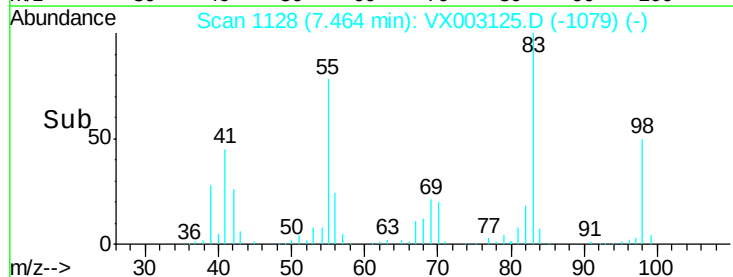
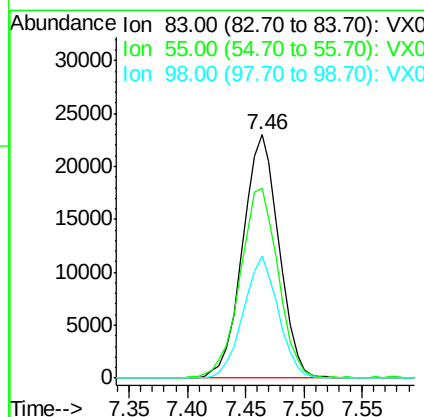
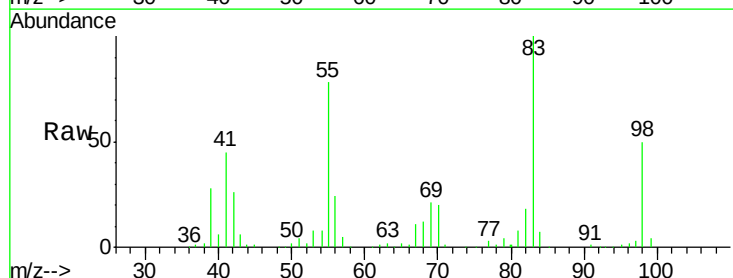
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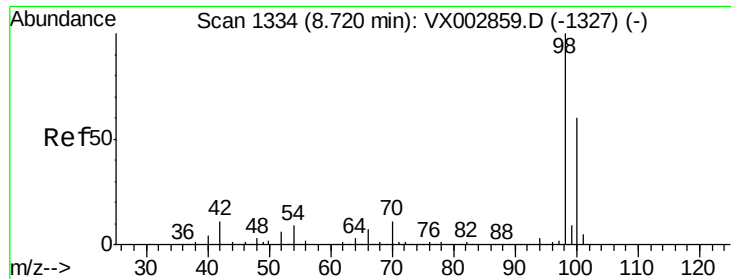
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#39
Methylcyclohexane
Concen: 10.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	49891		
55	77.9	65.4	98.0	
98	50.2	37.4	56.0	





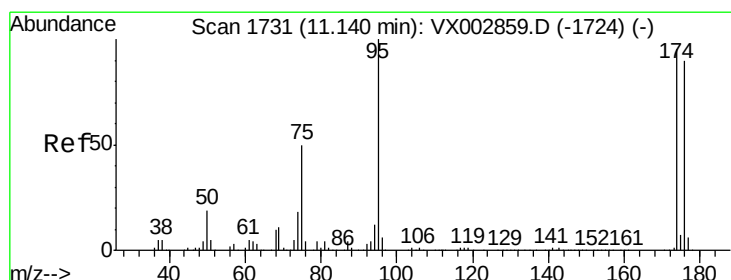
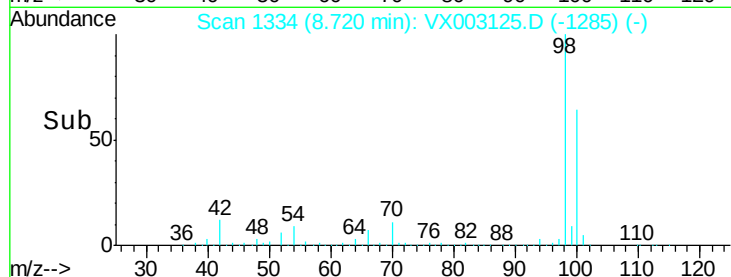
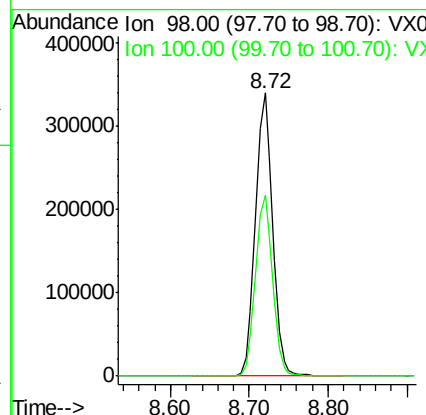
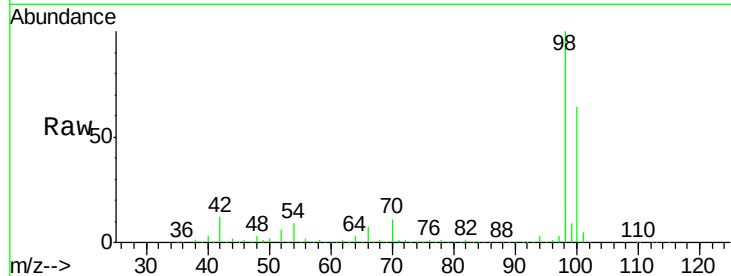
#50
Toluene-d8
Concen: 48.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

Tot Ion: 98 Resp: 520317
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

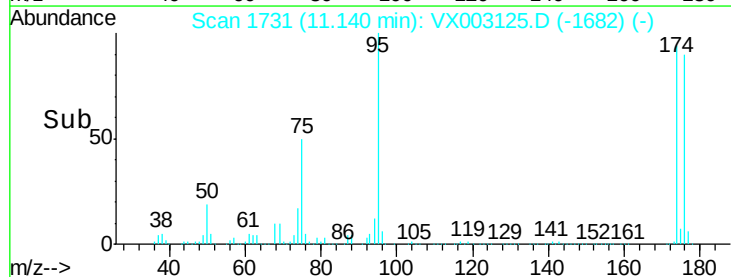
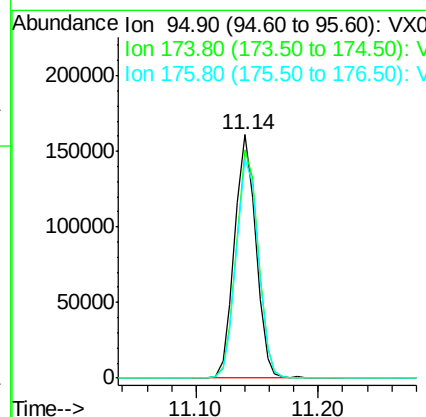
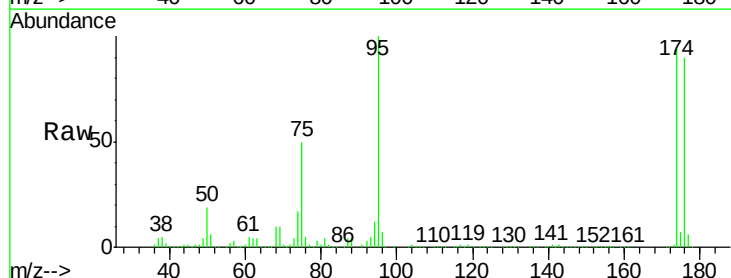
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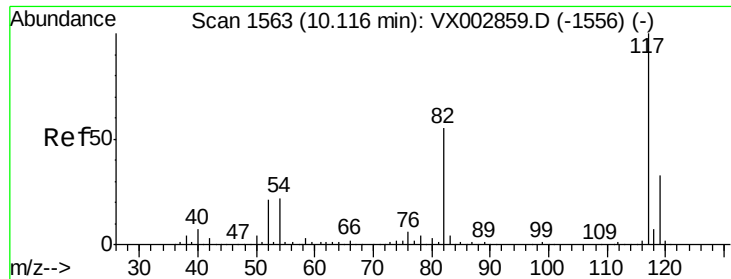
sam
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#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 95 Resp: 194008
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 93.3 0.0 181.0





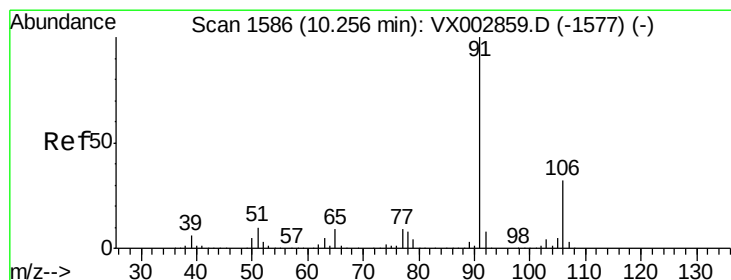
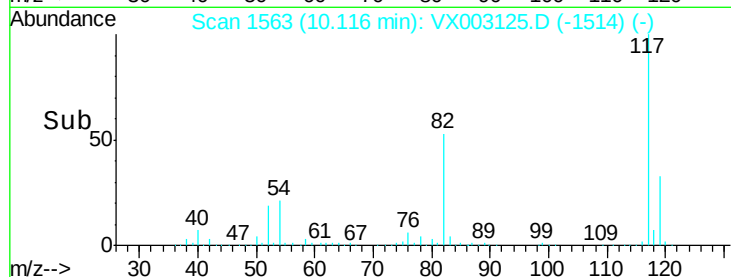
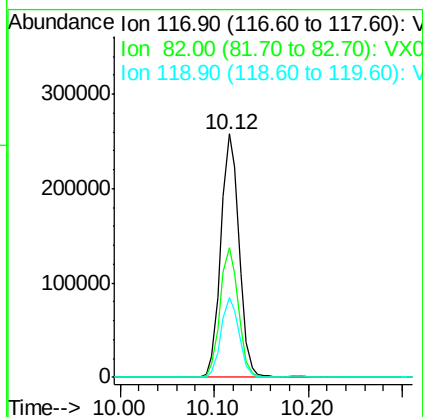
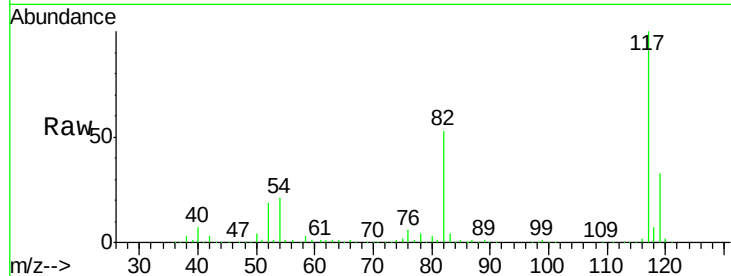
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	33.0	25.8	38.6

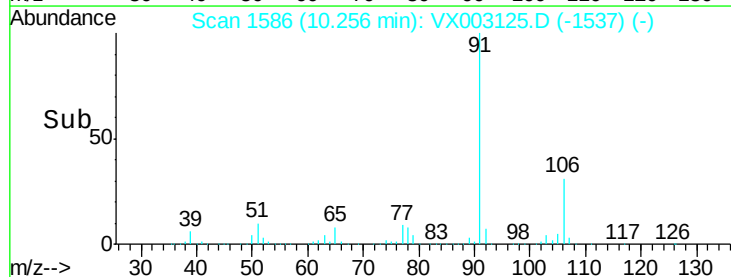
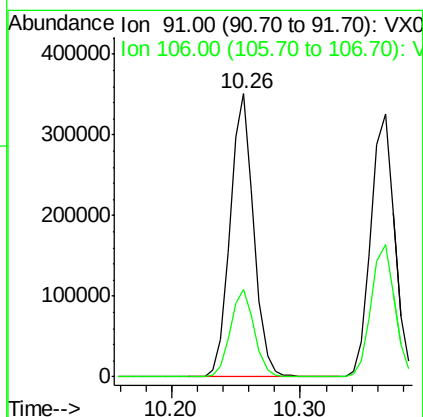
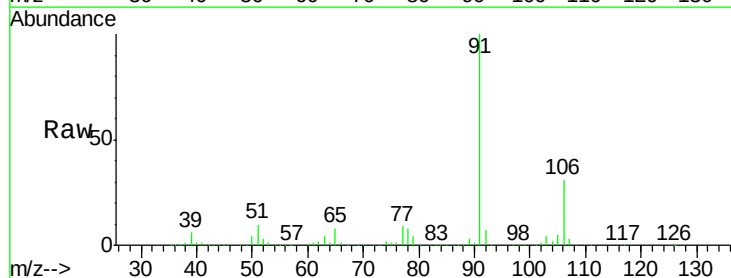
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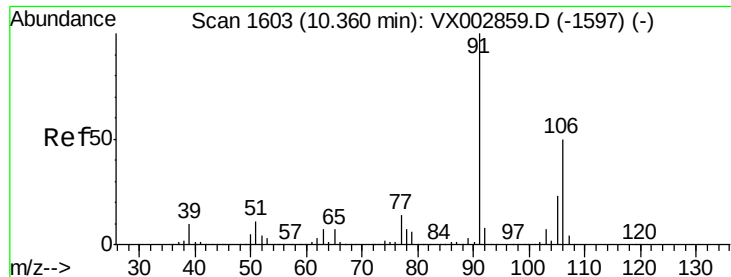
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#67
Ethyl Benzene
Concen: 30.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.5	38.3





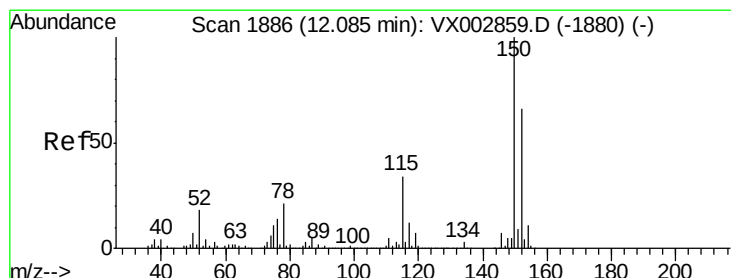
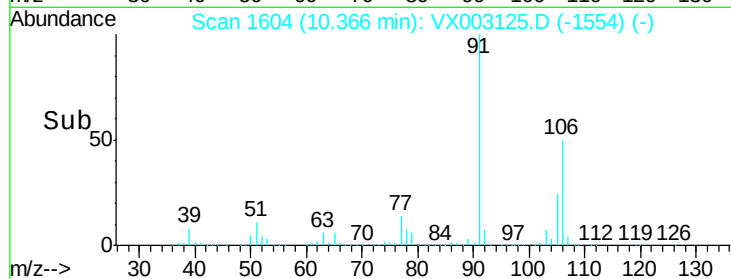
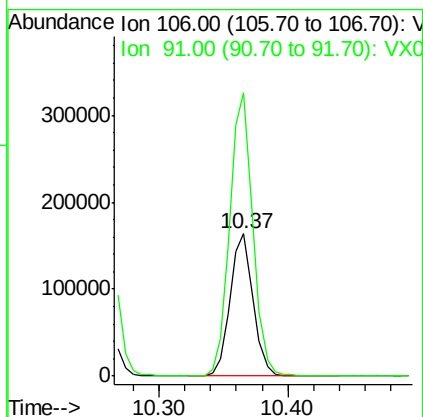
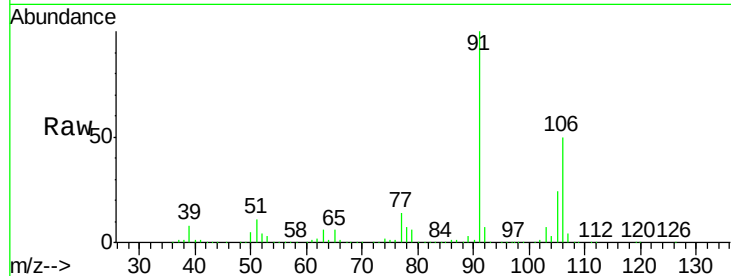
#68
m/p-Xvlenes
Concen: 36.42 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

Tot Ion:106 Resp: 204699
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2

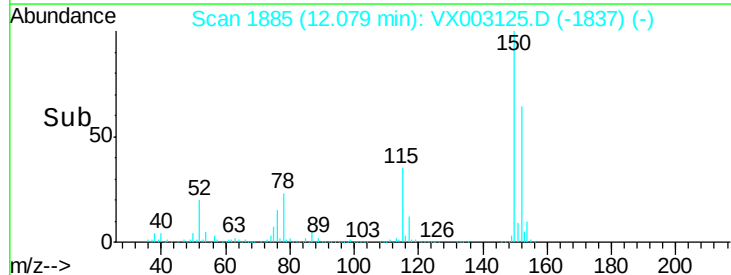
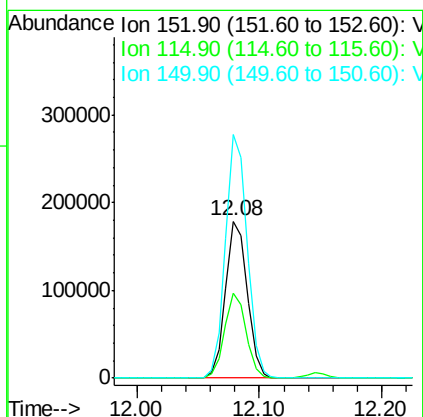
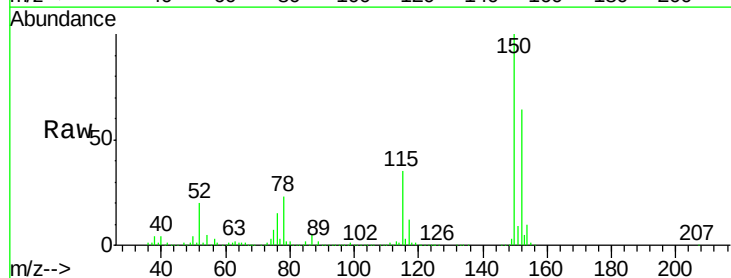
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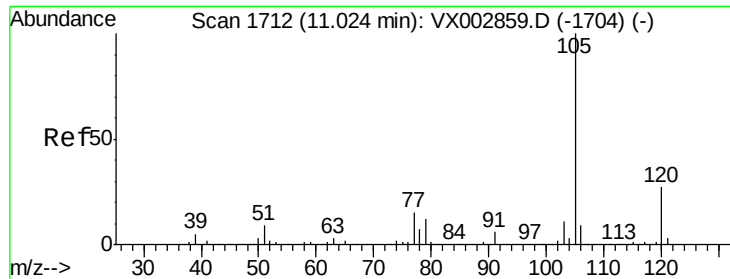
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion:152 Resp: 220380
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 154.5 0.0 347.2





#73

Isopropylbenzene

Concen: 6.13 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

S22-0039DL

Tot Ion: 105 Resp: 90892

Ion Ratio Lower Upper

105 100

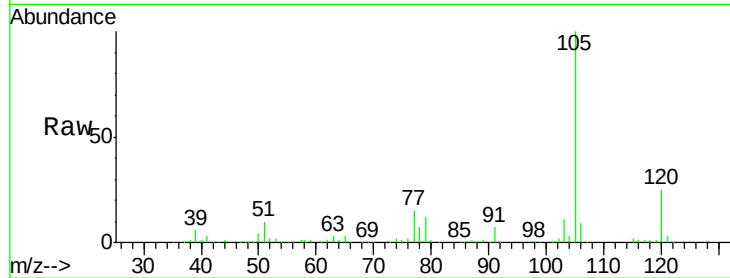
120 26.3 13.5 40.4

Manual Integrations

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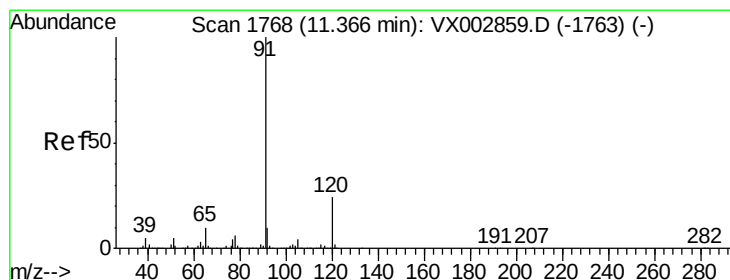
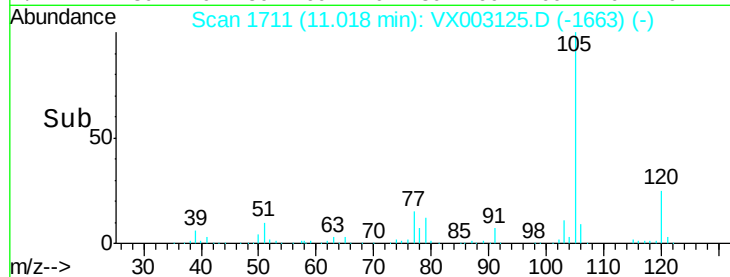
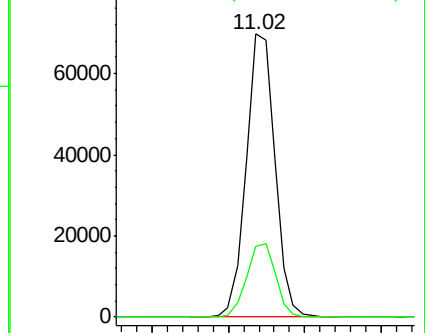
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 5.97 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003125.D

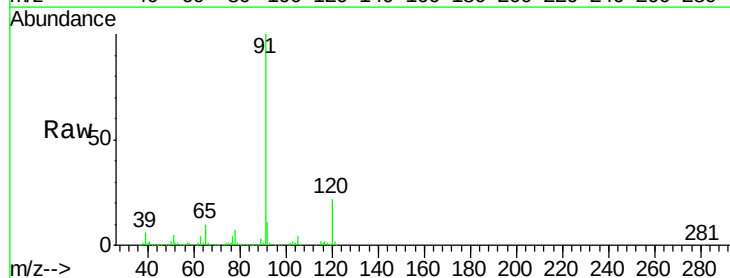
Acq: 02 Jul 2018 14:16

Tgt Ion: 91 Resp: 100723

Ion Ratio Lower Upper

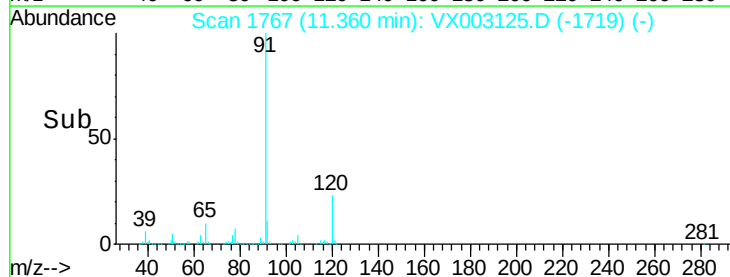
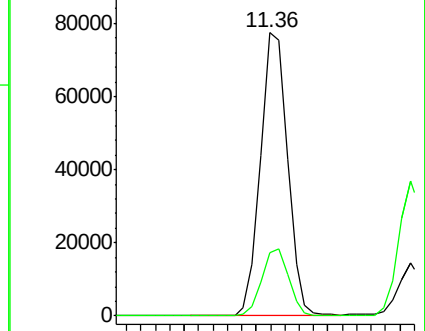
91 100

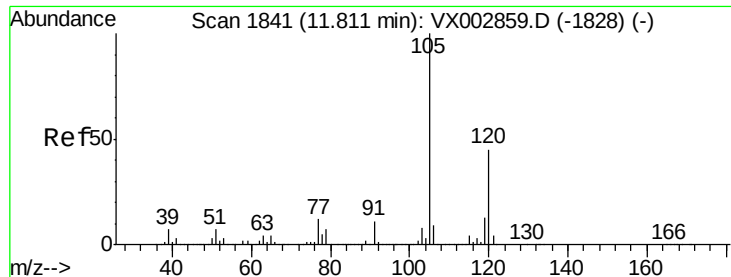
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





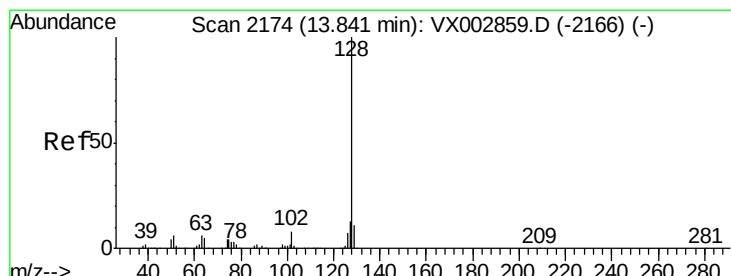
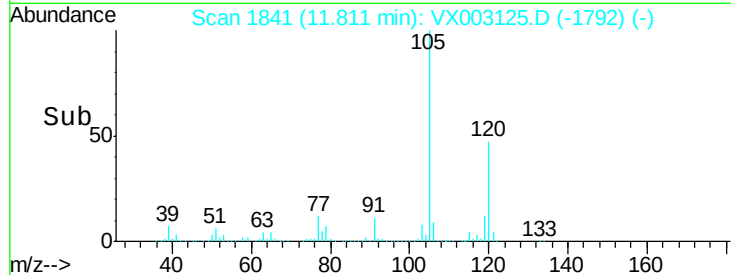
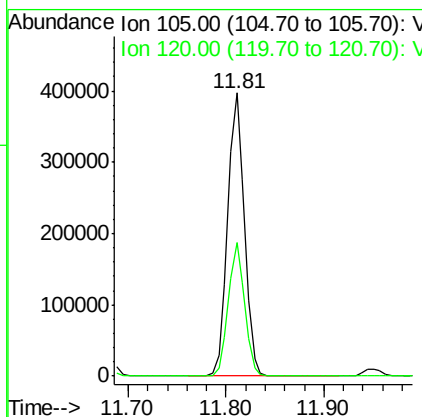
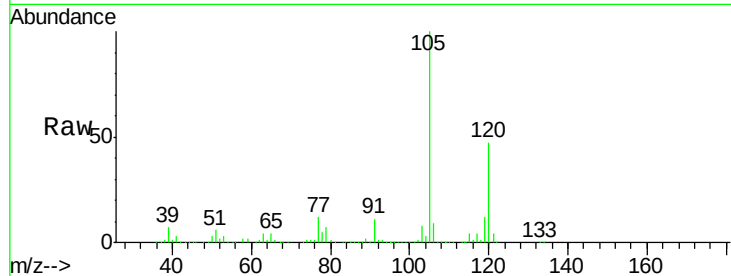
#84
 1,2,4-Trimethylbenzene
 Concen: 36.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8

Manual Integrations
 APPROVED

sam
 7/3/2018 3:53:54 PM



#95
 Naphthalene
 Concen: 8.15 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0

