

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003764.D
 Acq On : 31 Jul 2018 21:11
 Operator : JC/SP
 Sample : J4109-08
 Misc : 11.10G/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

Manual Integrations
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Quant Time: Aug 01 03:52:45 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	110707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	160892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	114909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	52202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59201	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	5.51	113	52257	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
50) Toluene-d8	8.72	98	172016	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
62) 4-Bromofluorobenzene	11.14	95	56148	38.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.10%	
Target Compounds						
16) Acetone	2.45	43	45766	107.01	ug/l	98
17) Carbon Disulfide	2.57	76	4181	1.30	ug/l	95
25) 2-Butanone	4.70	43	14160	22.71	ug/l	95
73) Isopropylbenzene	11.02	105	7091	2.17	ug/l	99
95) Naphthalene	13.83	128	74477	27.37	ug/l #	92

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

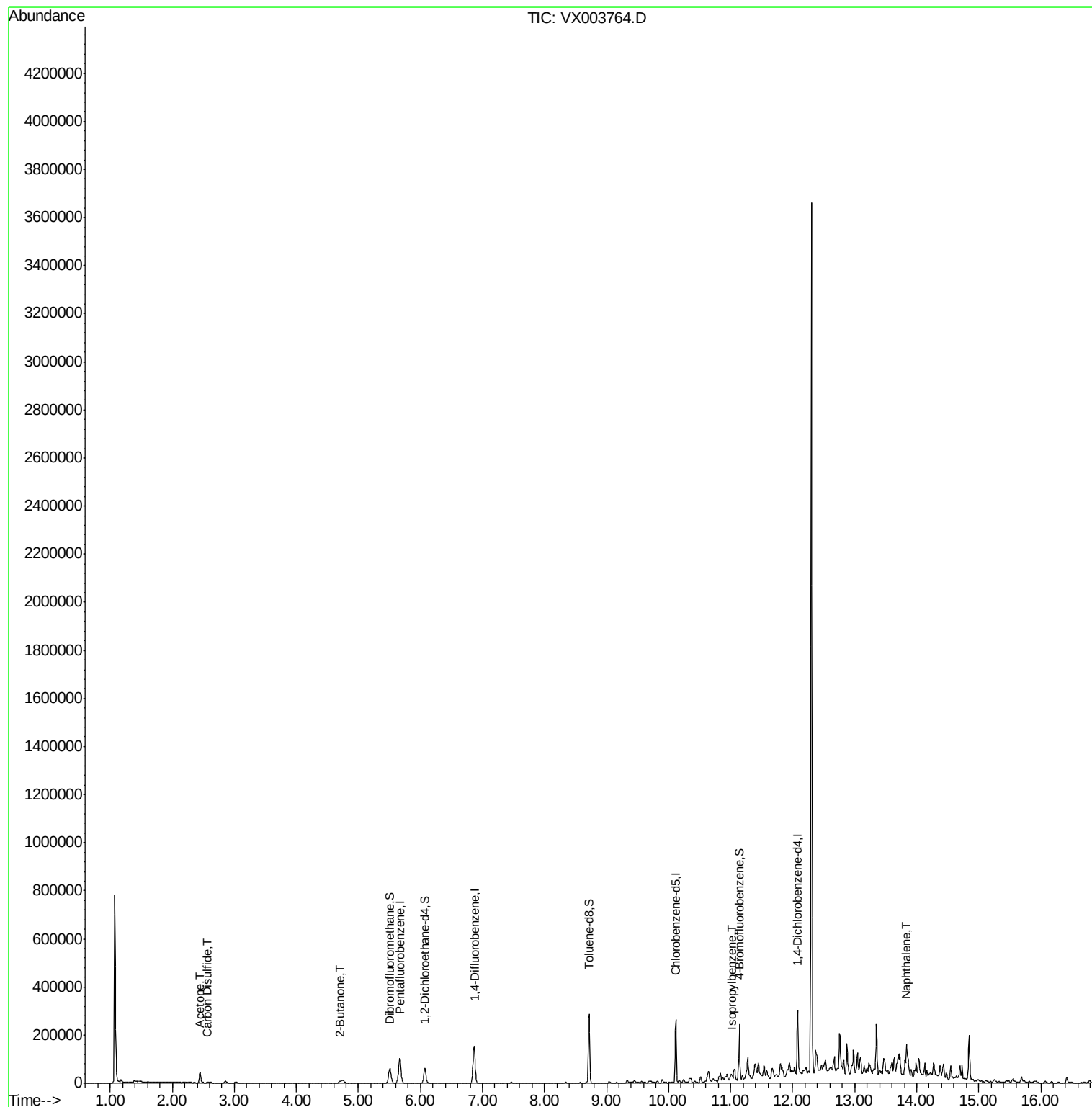
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003764.D
Acq On : 31 Jul 2018 21:11
Operator : JC/SP
Sample : J4109-08
Misc : 11.10G/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

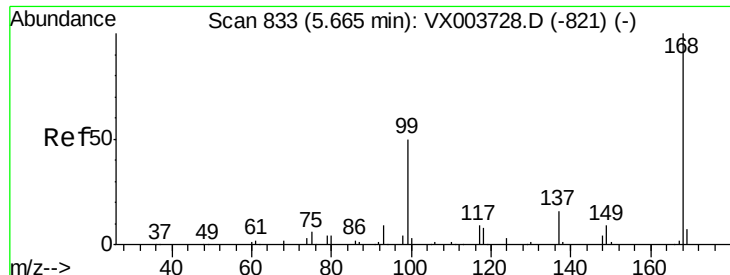
Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

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Quant Time: Aug 01 03:52:45 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: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

SB-10(10-12)

Tot Ion:168 Resp: 110707

Ion Ratio Lower Upper

168 100

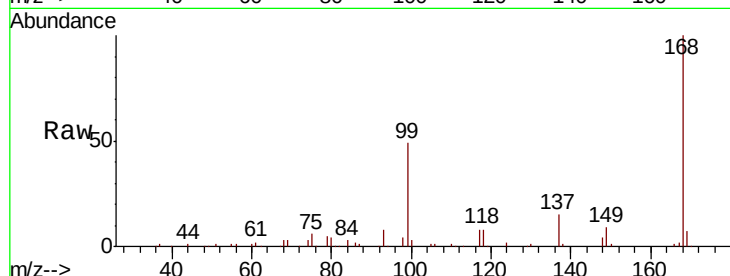
99 48.7 40.2 60.2

Manual Integrations

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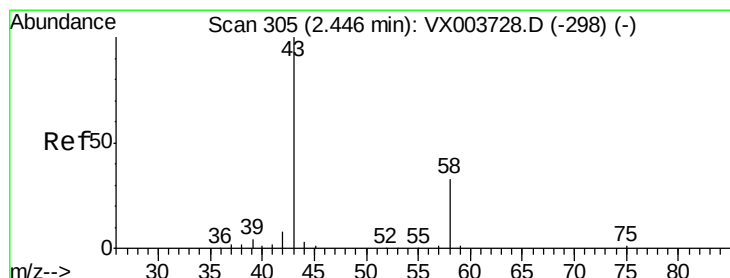
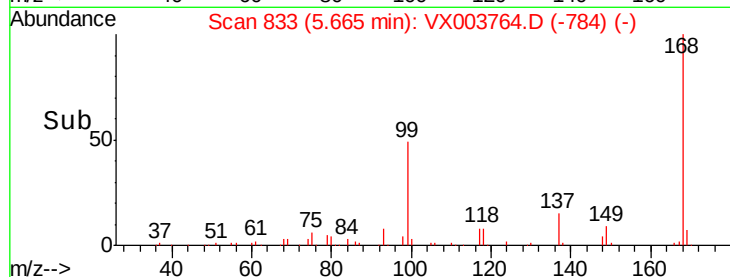
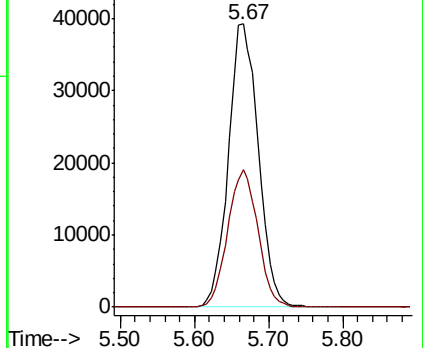
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 107.01 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003764.D

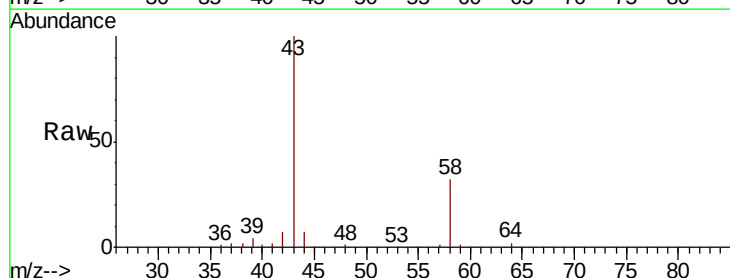
Acq: 31 Jul 2018 21:11

Tgt Ion: 43 Resp: 45766

Ion Ratio Lower Upper

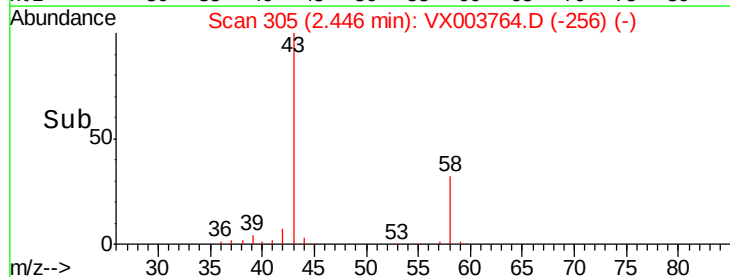
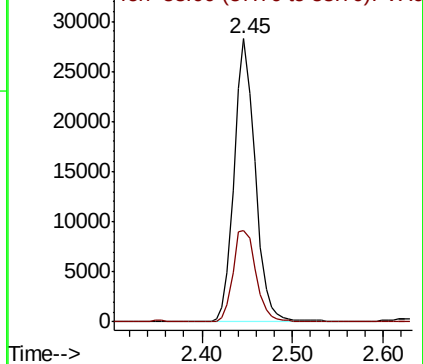
43 100

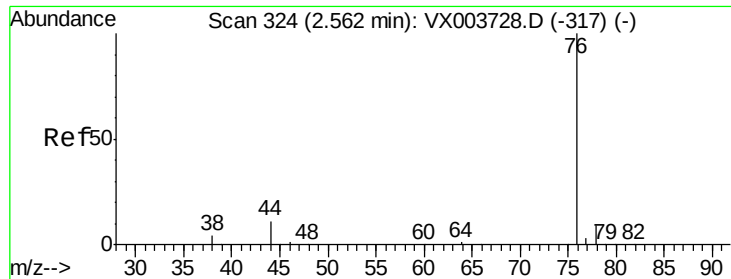
58 32.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





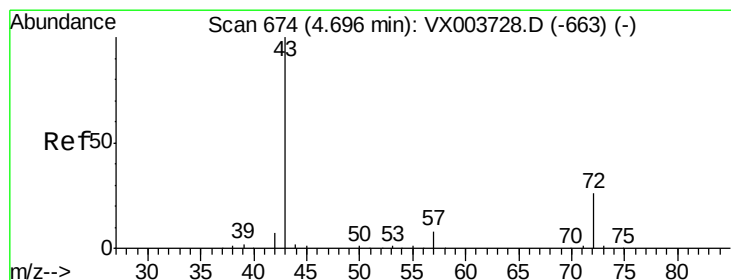
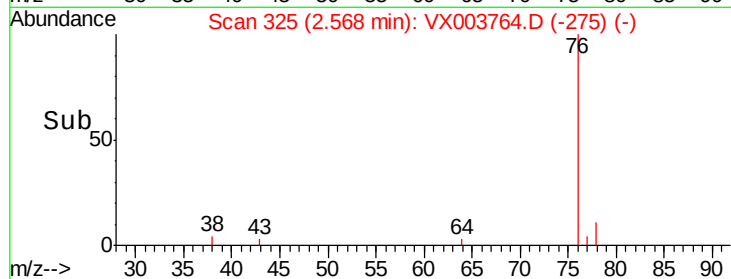
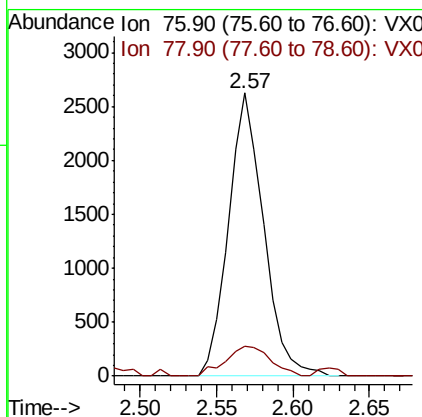
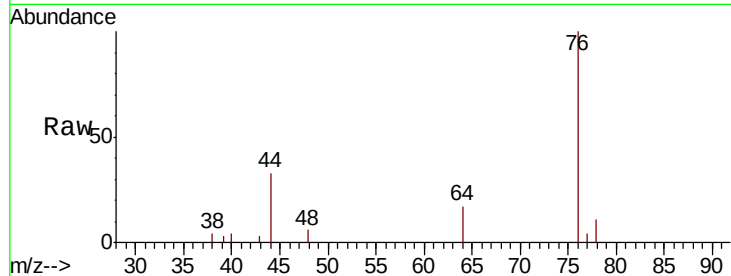
#17
Carbon Disulfide
Concen: 1.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.3	10.9

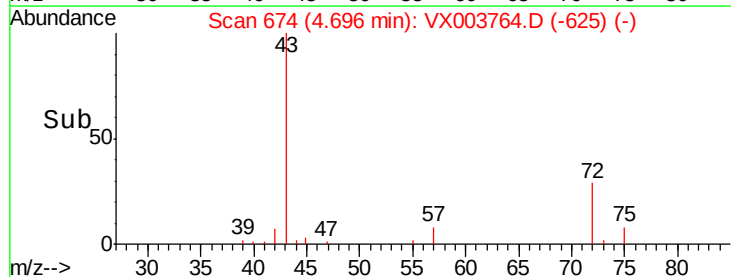
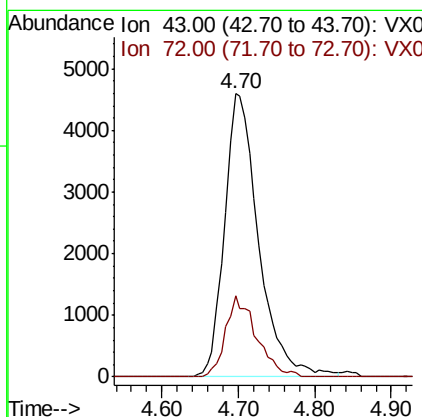
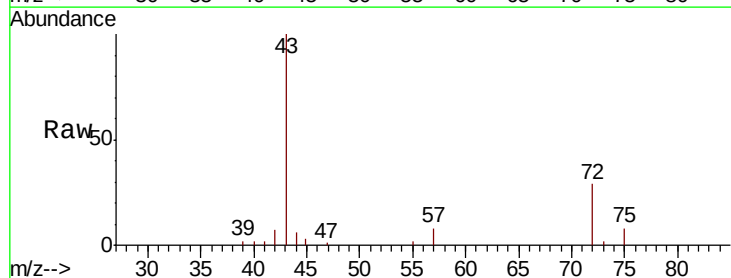
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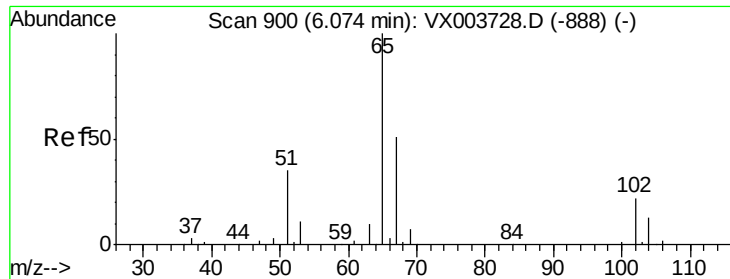
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#25
2-Butanone
Concen: 22.71 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.7	20.9	31.3





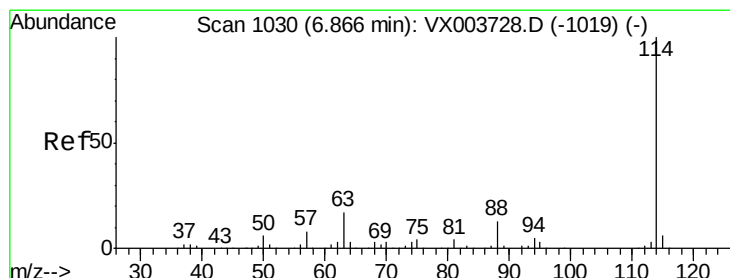
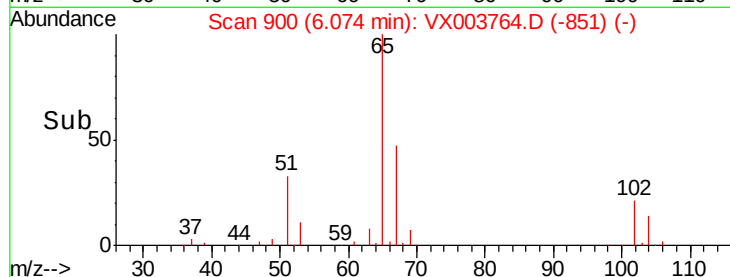
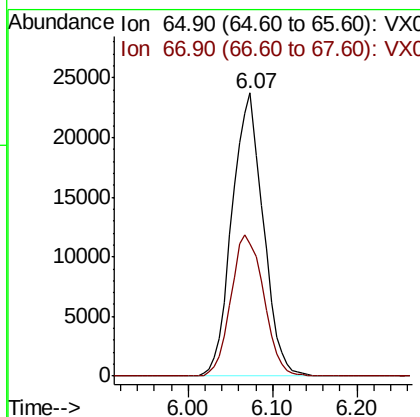
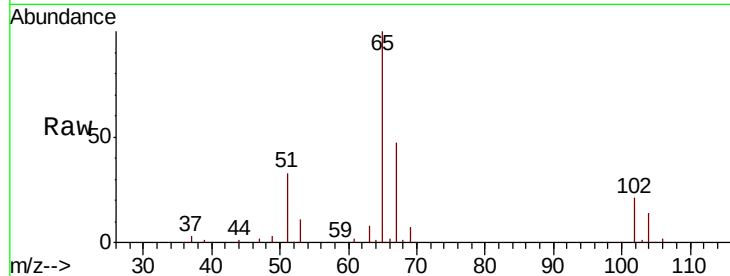
#33
 1,2-Dichloroethane-d4
 Concen: 52.87 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Instrument :
 MSVOA_X
 ClientSampled :
 SB-10(10-12)

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.0

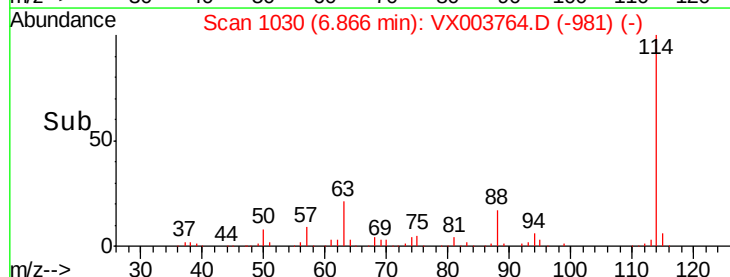
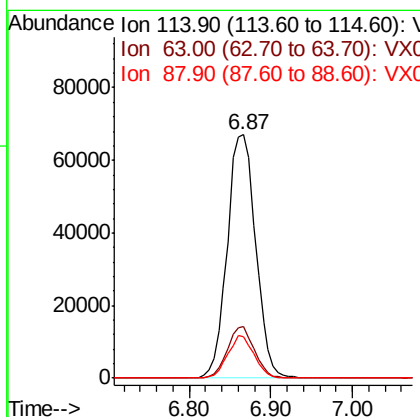
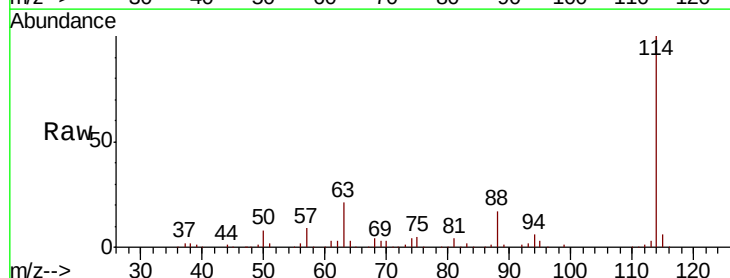
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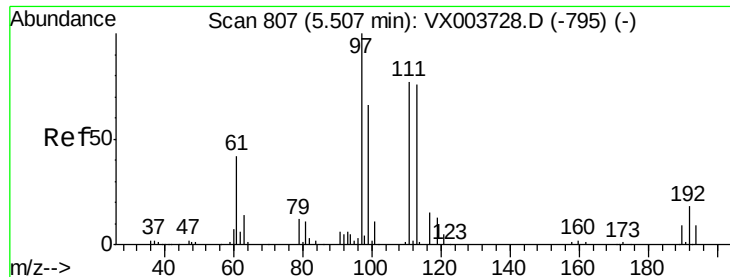
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	34.0
88	16.8	0.0	26.4





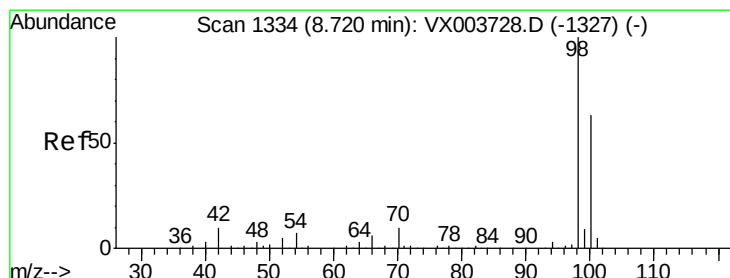
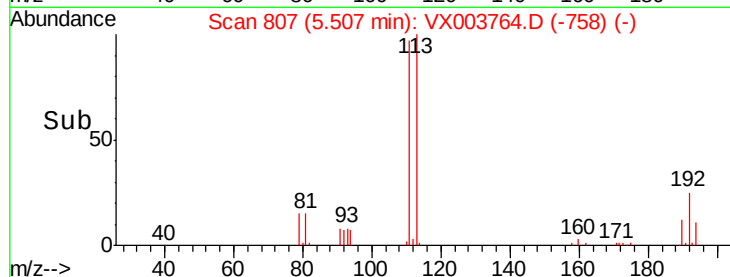
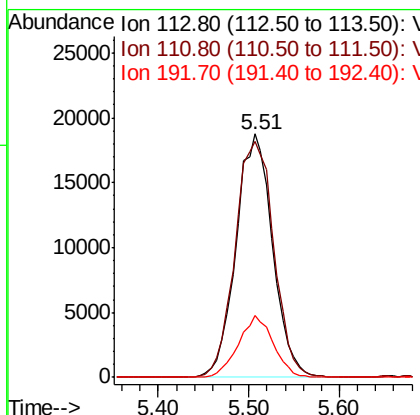
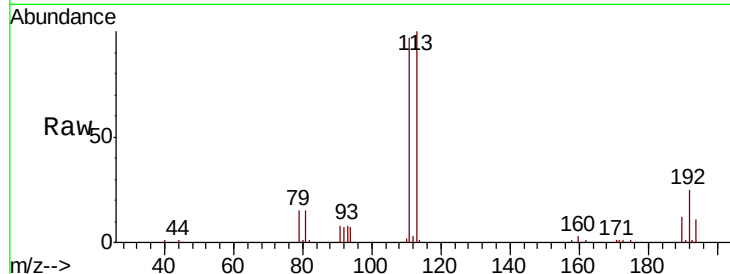
#35
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(10-12)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	24.3	18.8	28.2

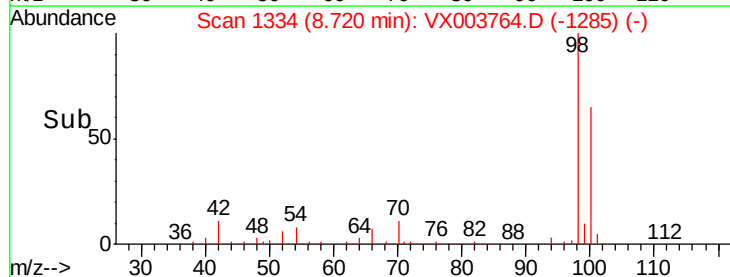
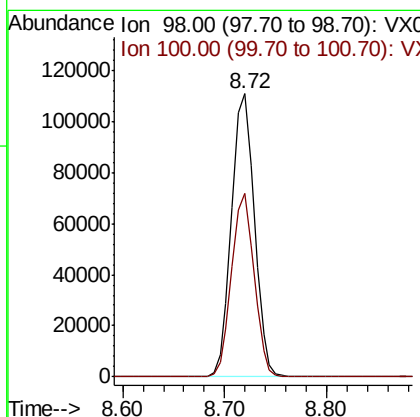
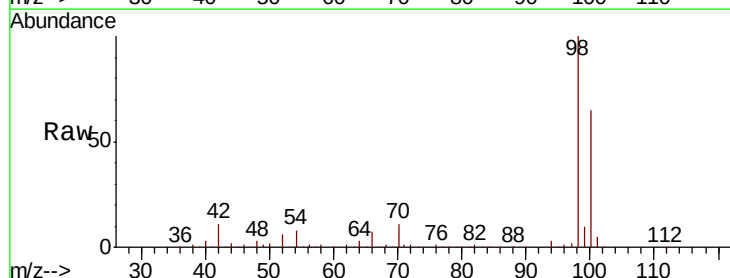
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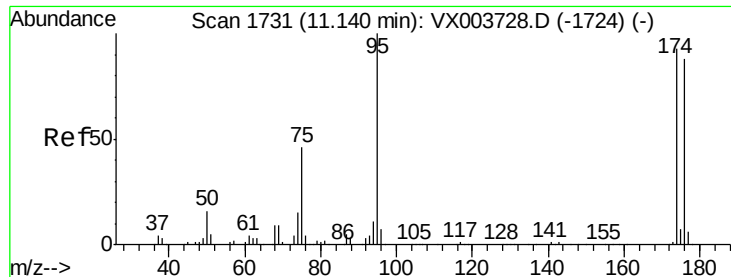
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#50
 Toluene-d8
 Concen: 43.55 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX003764.D
 Acq: 31 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





#62

4-Bromofluorobenzene

Concen: 38.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

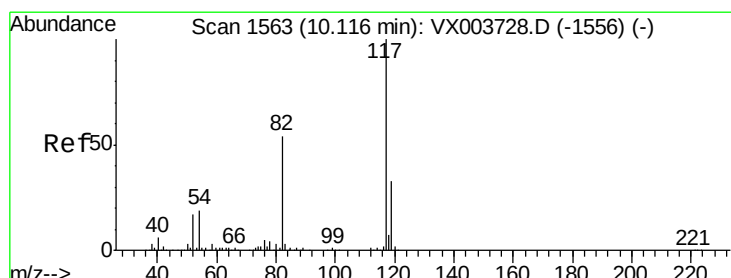
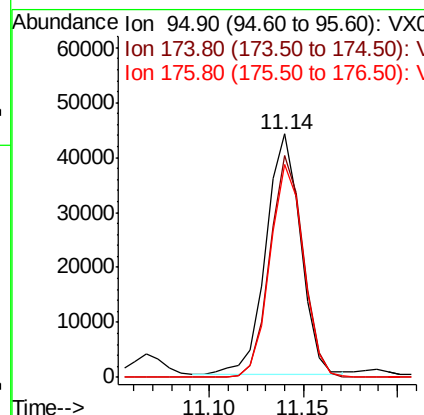
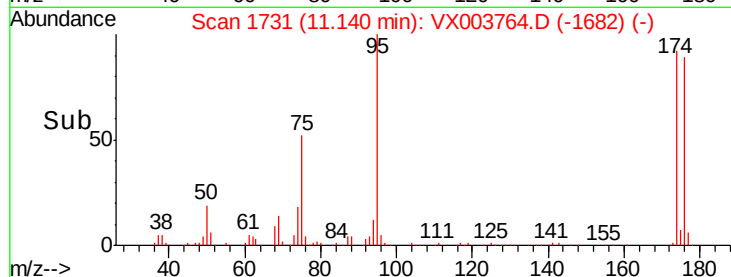
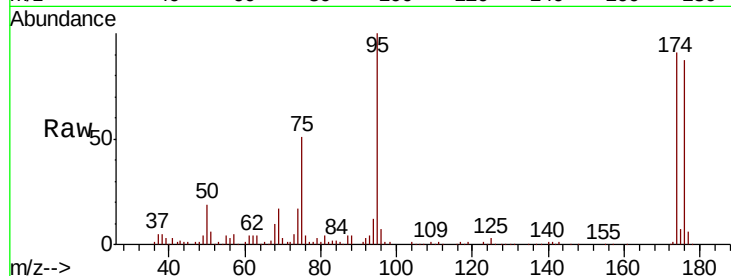
ClientSampleId :

SB-10(10-12)

Tot Ion:	95	Resp:	56148
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	186.2
176	85.3	0.0	179.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

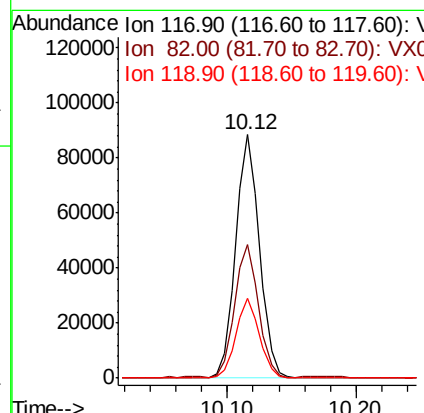
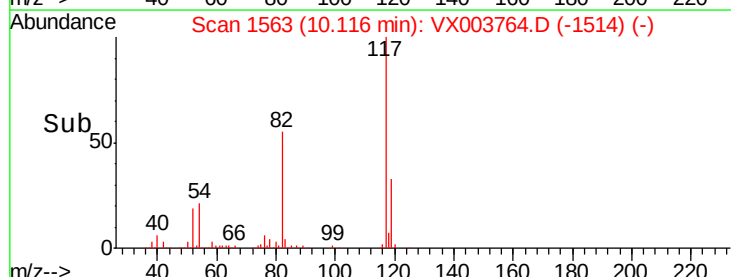
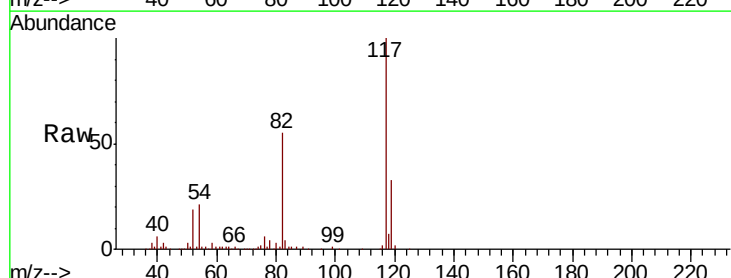
RT: 10.12 min Scan# 1563

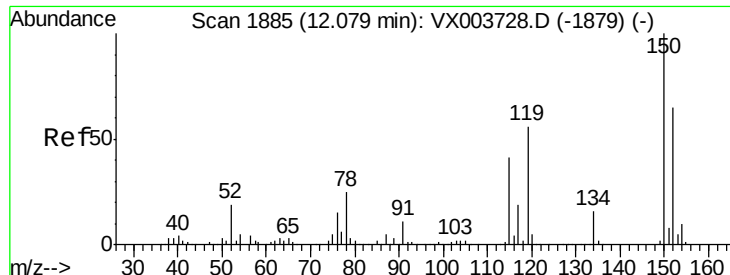
Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Tgt Ion:	117	Resp:	114909
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.2	64.8
119	32.6	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003764.D

Acq: 31 Jul 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

SB-10(10-12)

Tot Ion:152 Resp: 52202

Ion Ratio Lower Upper

152 100

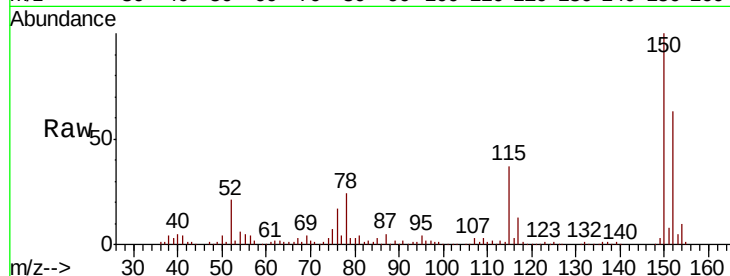
115 57.7 38.5 115.3

150 155.5 0.0 346.2

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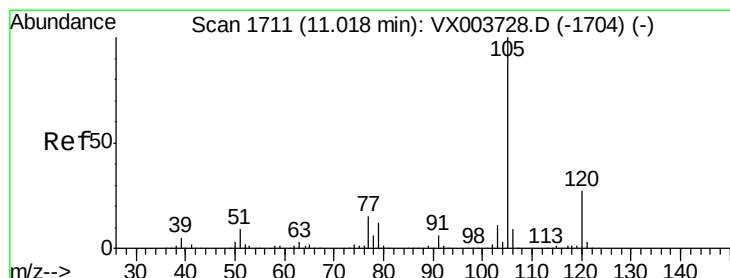
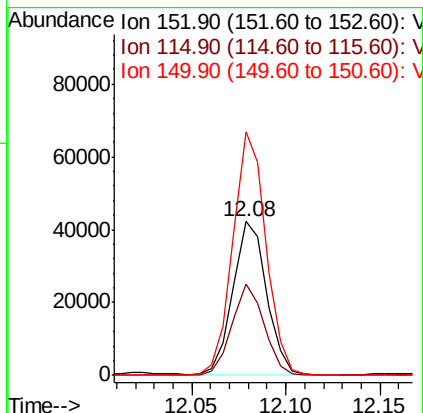
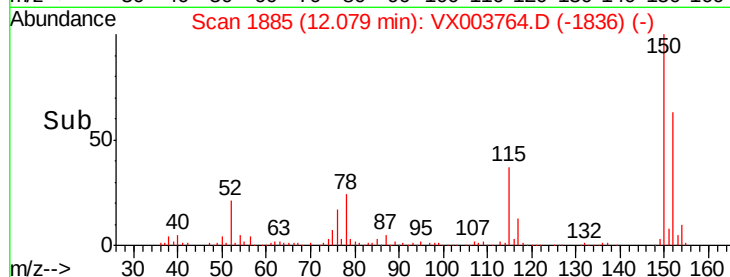
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.17 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003764.D

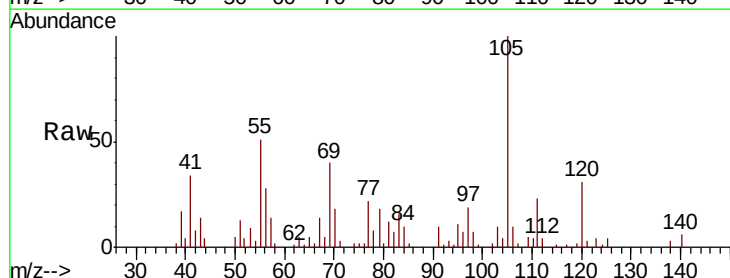
Acq: 31 Jul 2018 21:11

Tgt Ion:105 Resp: 7091

Ion Ratio Lower Upper

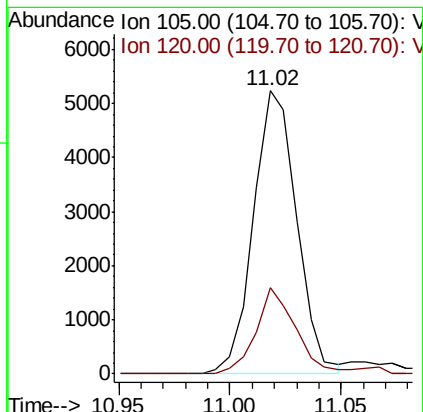
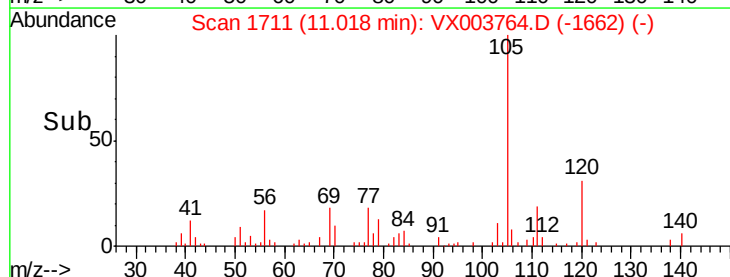
105 100

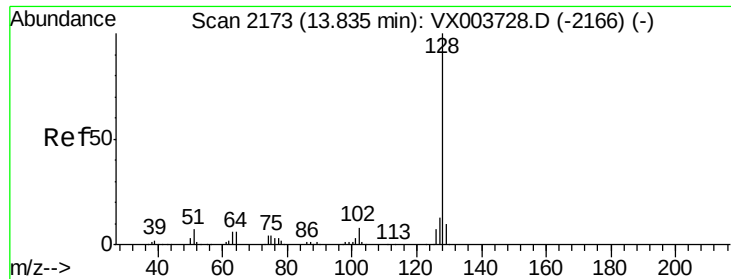
120 27.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





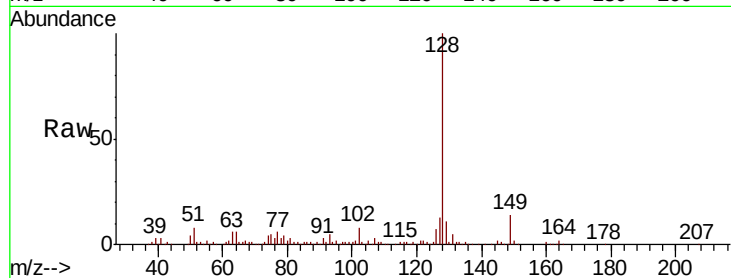
#95
Naphthalene
Concen: 27.37 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003764.D
Acq: 31 Jul 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
SB-10(10-12)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.2
129	15.8	8.7	13.1

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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

