

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003753.D
 Acq On : 31 Jul 2018 16:34
 Operator : JC/SP
 Sample : J4121-04
 Misc : 13.19G/5.0mL/MSVOA X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 SB-8(10-12)

Manual Integrations
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Quant Time: Aug 01 02:36:07 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	94984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	60813	63.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.60%	
35) Dibromofluoromethane	5.51	113	53090	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
50) Toluene-d8	8.72	98	186340	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	60783	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
16) Acetone	2.45	43	24236	66.05	ug/l	97
17) Carbon Disulfide	2.56	76	6045	2.19	ug/l #	91
25) 2-Butanone	4.70	43	6227	11.64	ug/l	98
40) Benzene	6.14	78	12409	2.98	ug/l	97
95) Naphthalene	13.83	128	3395	1.06	ug/l #	78

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

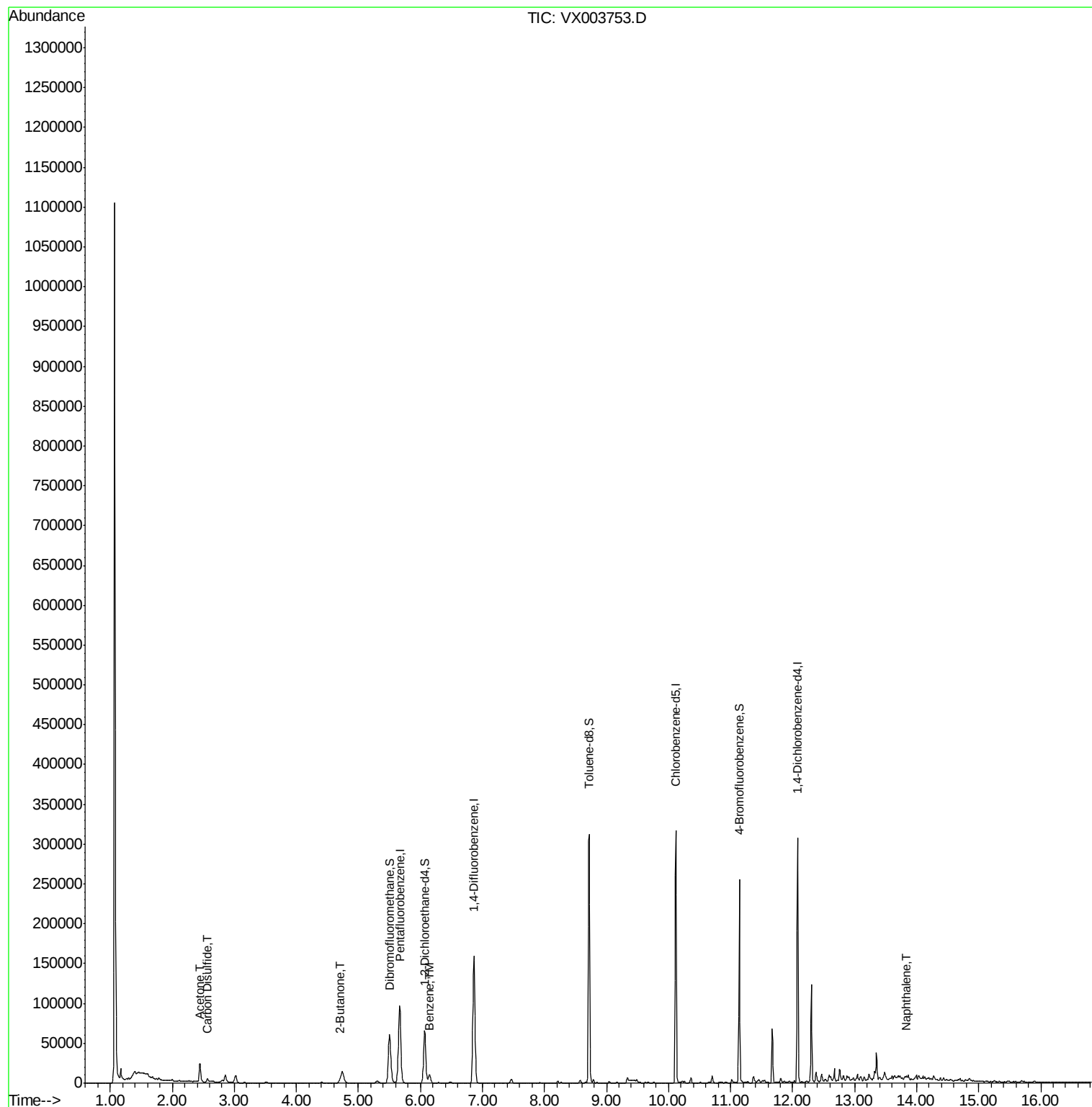
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Data File : VX003753.D
Acq On : 31 Jul 2018 16:34
Operator : JC/SP
Sample : J4121-04
Misc : 13.19G/5.0mL/MSVOA X/SOIL
ALS Vial : 8 Sample Multiplier: 1

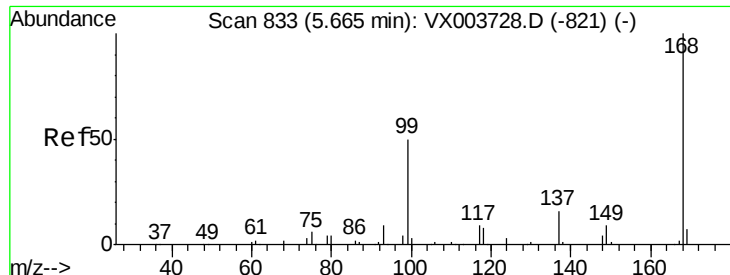
Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

Manual Integrations
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Quant Time: Aug 01 02:36:07 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





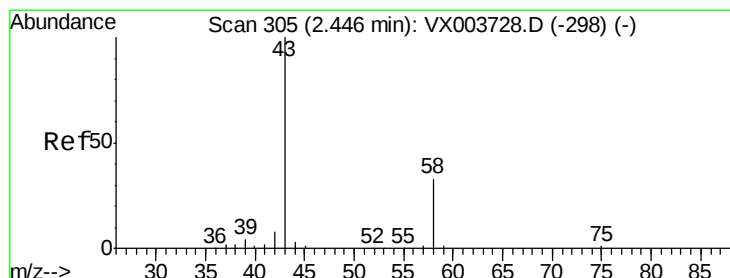
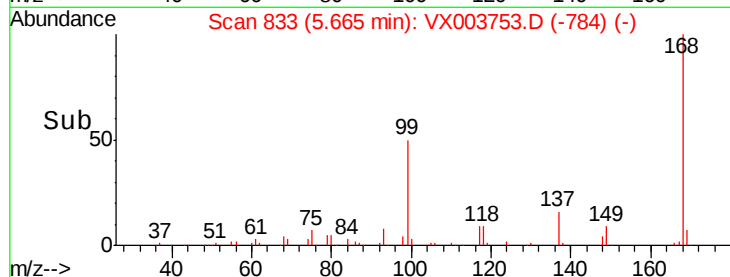
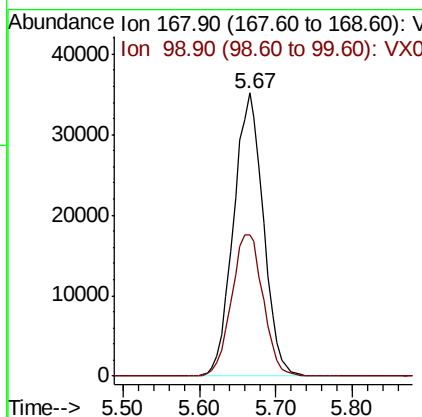
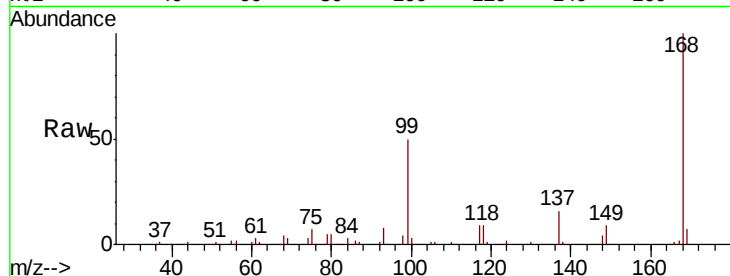
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.2	60.2

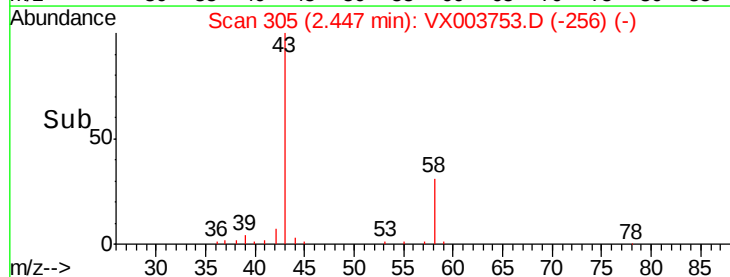
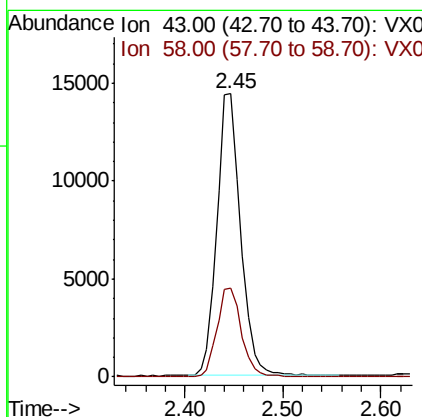
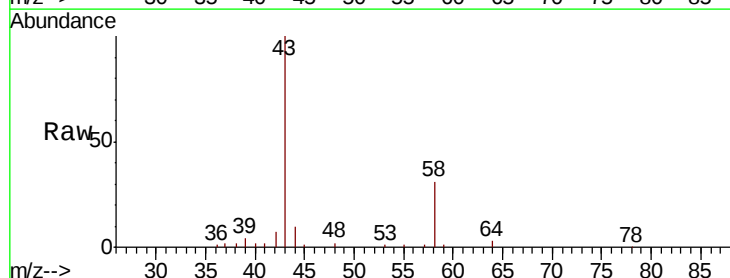
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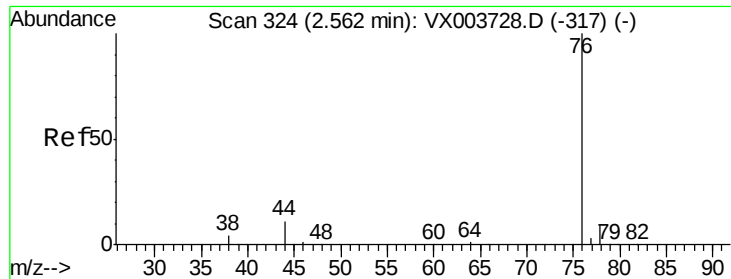
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#16
Acetone
Concen: 66.05 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	26.7	40.1





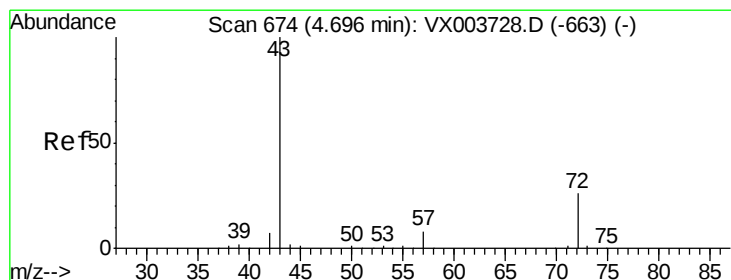
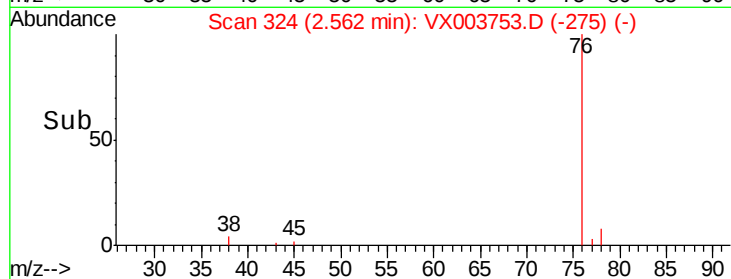
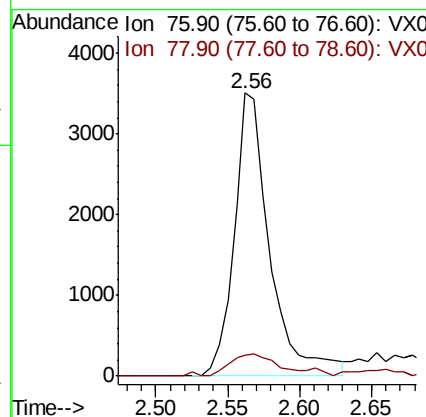
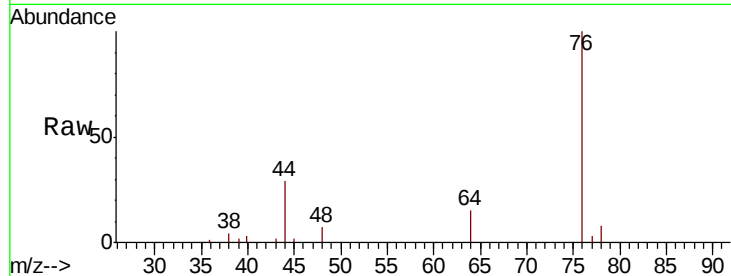
#17
Carbon Disulfide
Concen: 2.19 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.3	10.9#

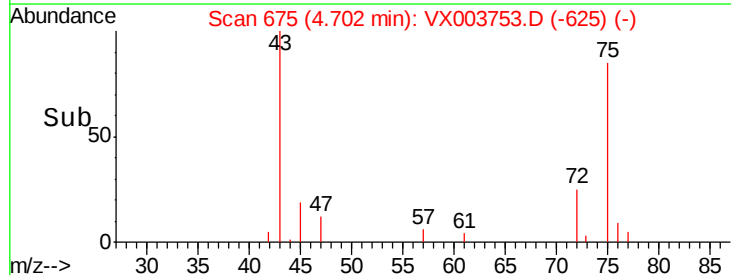
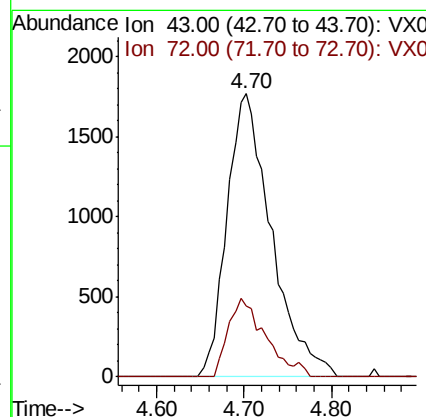
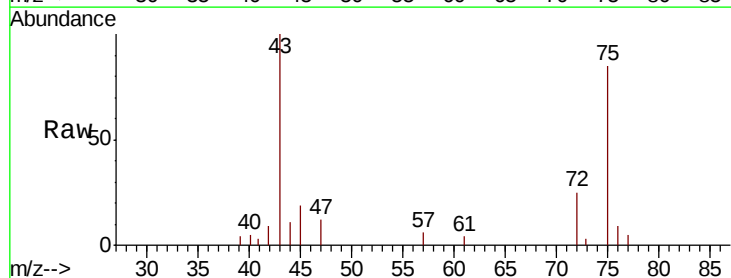
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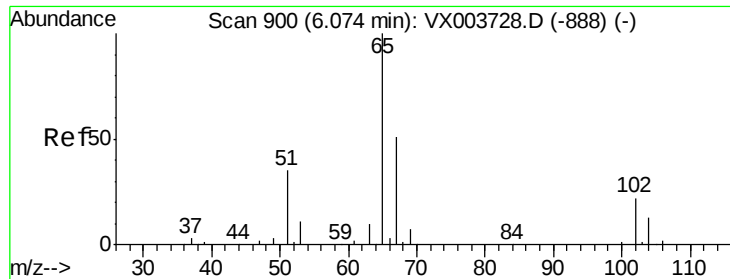
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#25
2-Butanone
Concen: 11.64 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.9	31.3





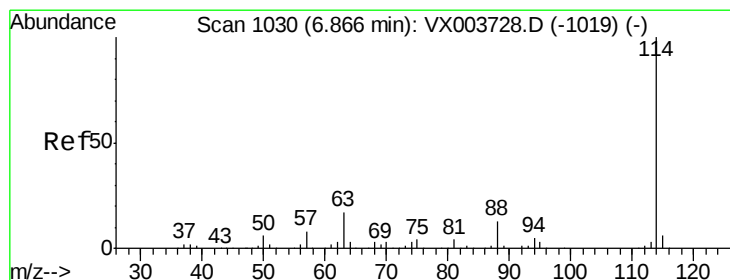
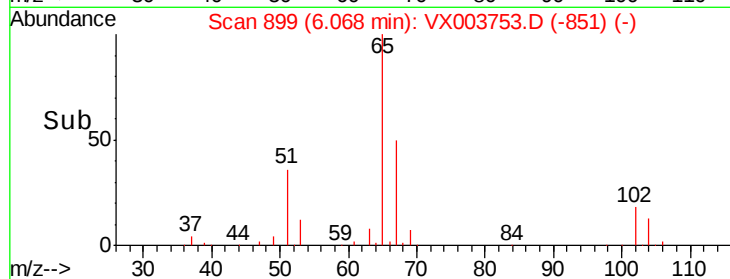
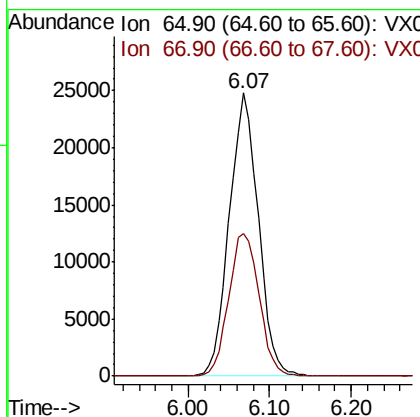
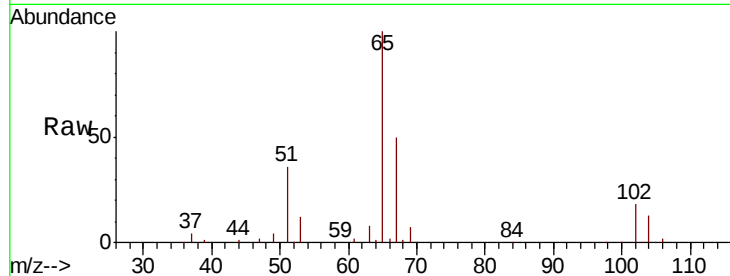
#33
 1,2-Dichloroethane-d4
 Concen: 63.30 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Instrument :
 MSVOA_X
 ClientSampled :
 SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.0

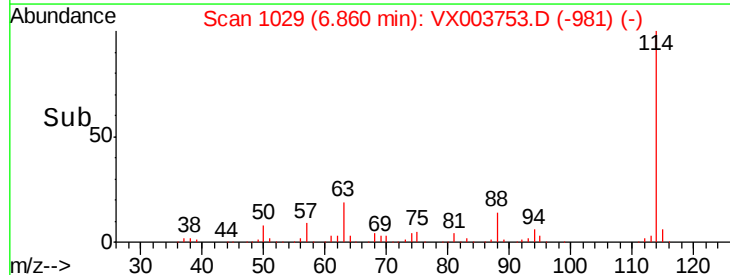
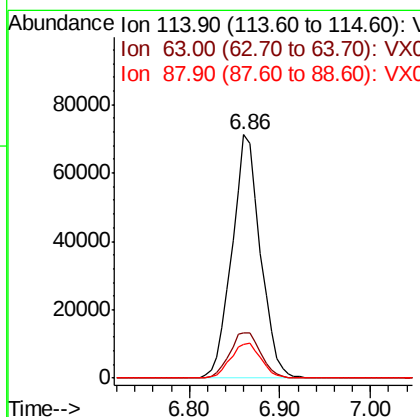
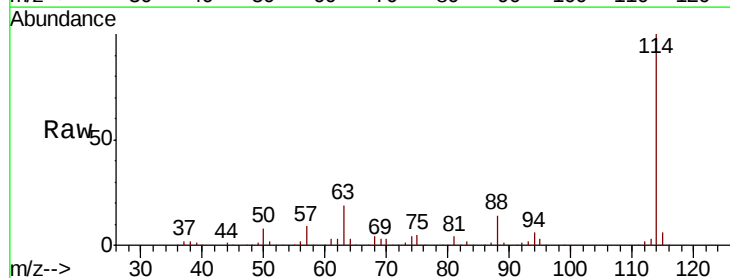
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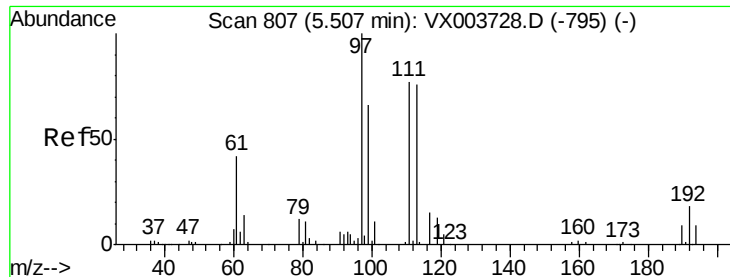
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003753.D
 Acq: 31 Jul 2018 16:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	34.0
88	13.9	0.0	26.4





#35

Dibromofluoromethane

Concen: 58.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003753.D

Acq: 31 Jul 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

SB-8(10-12)

Tot Ion:113 Resp: 53090

Ion Ratio Lower Upper

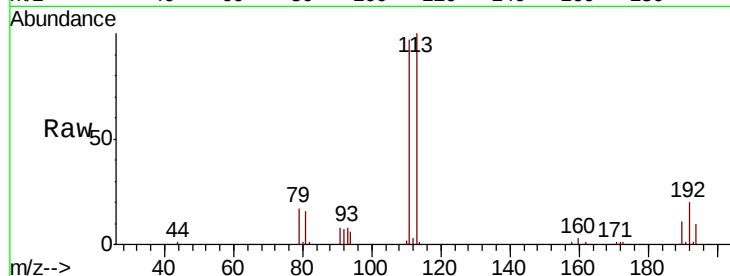
113 100

111 100.5 81.8 122.6

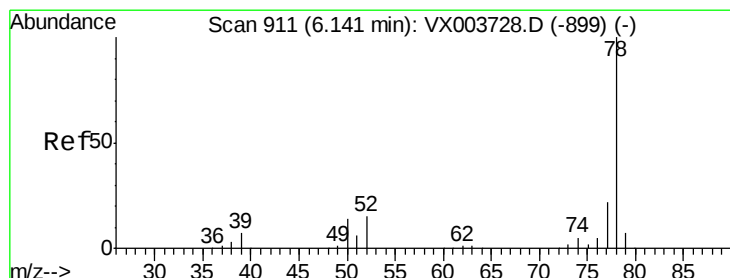
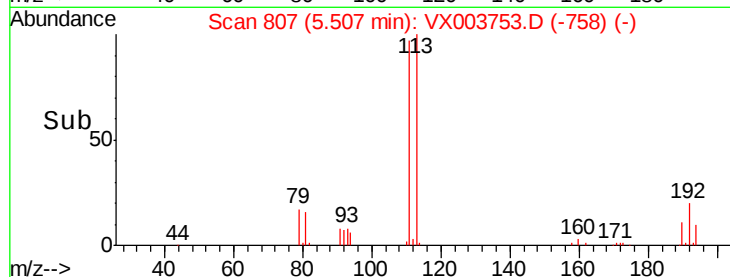
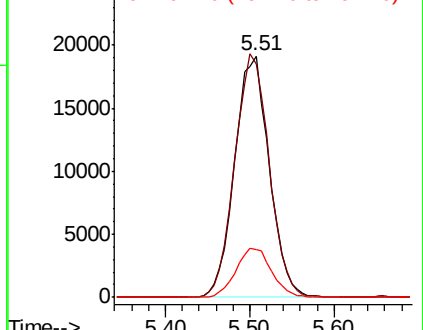
192 20.9 18.8 28.2

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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



#40

Benzene

Concen: 2.98 ug/l

RT: 6.14 min Scan# 911

Delta R.T. 0.00 min

Lab File: VX003753.D

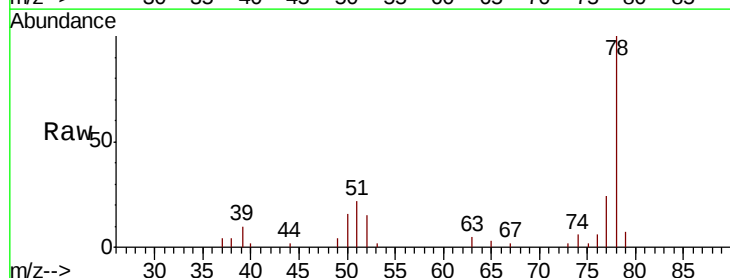
Acq: 31 Jul 2018 16:34

Tgt Ion: 78 Resp: 12409

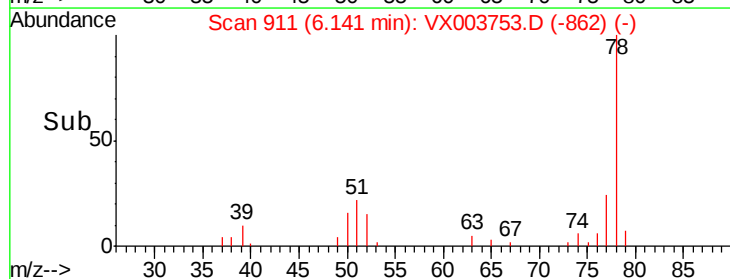
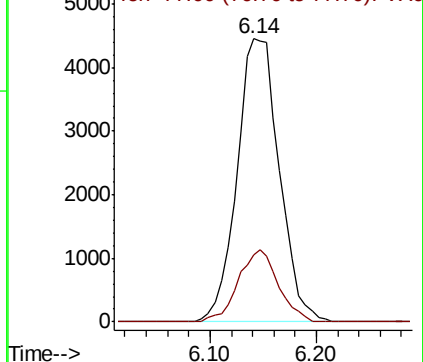
Ion Ratio Lower Upper

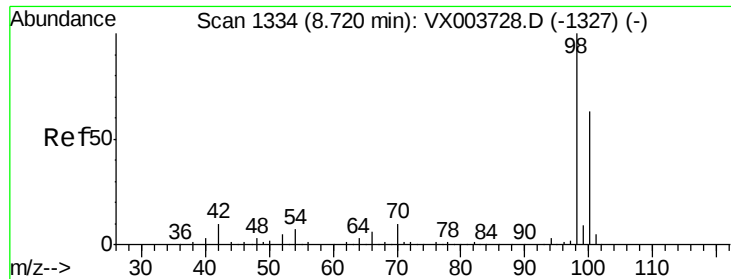
78 100

77 23.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





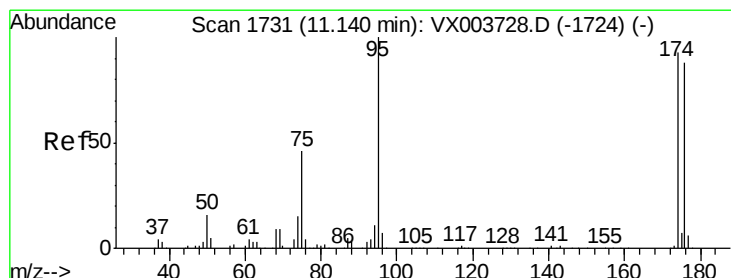
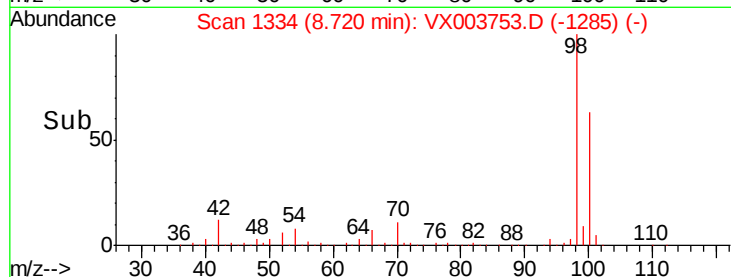
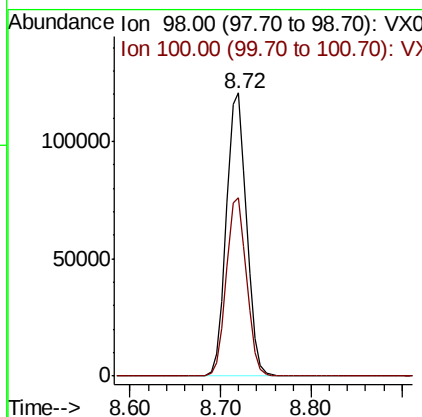
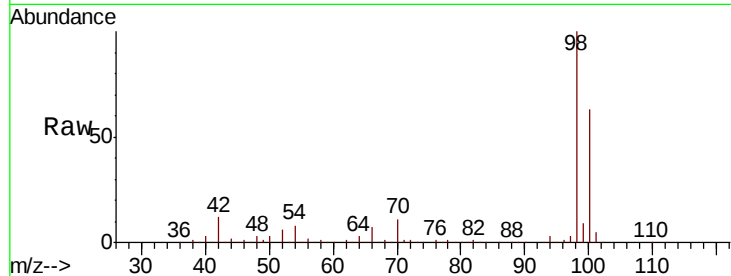
#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
SB-8(10-12)

Tot Ion: 98 Resp: 186340
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0

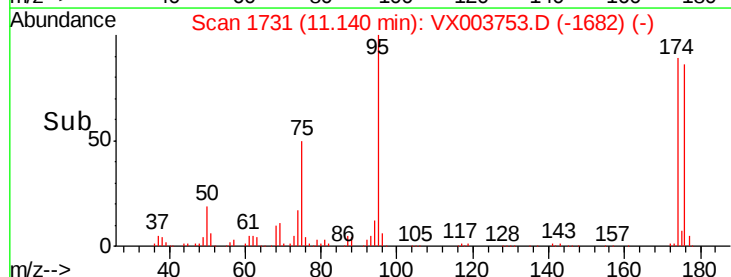
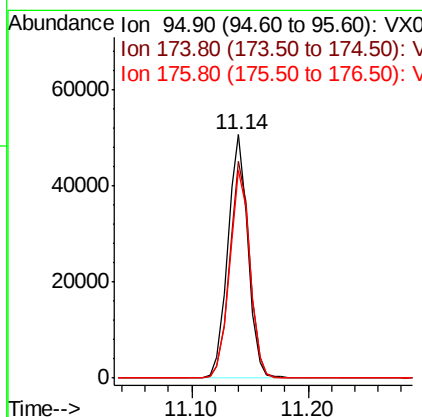
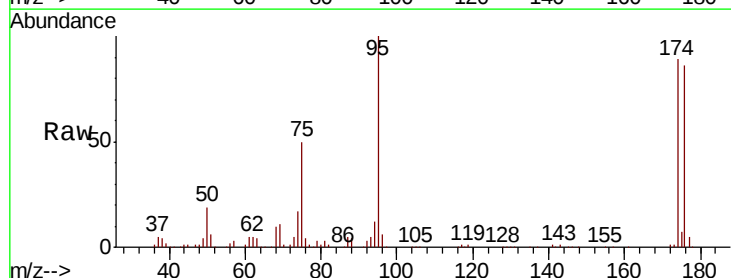
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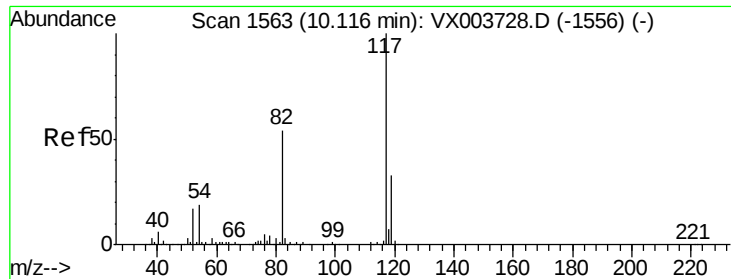
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#62
4-Bromofluorobenzene
Concen: 43.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion: 95 Resp: 60783
Ion Ratio Lower Upper
95 100
174 89.1 0.0 186.2
176 86.2 0.0 179.2





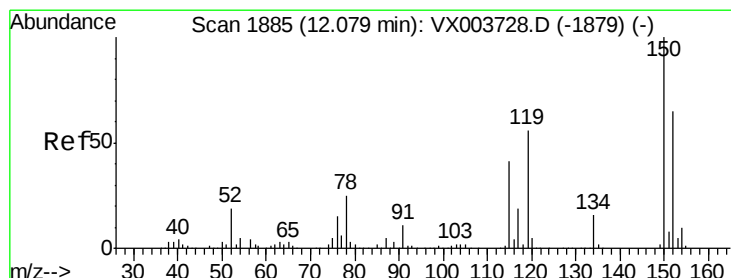
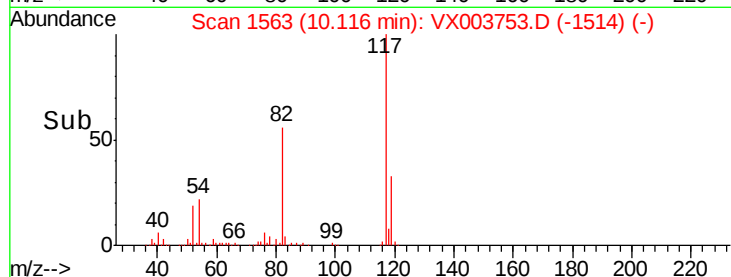
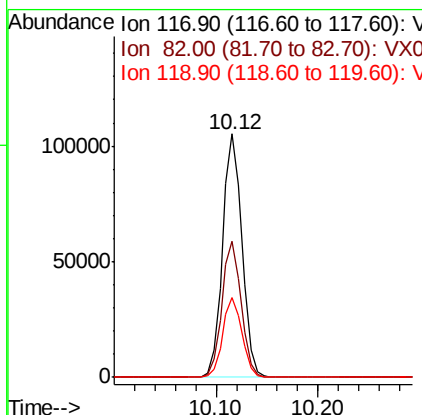
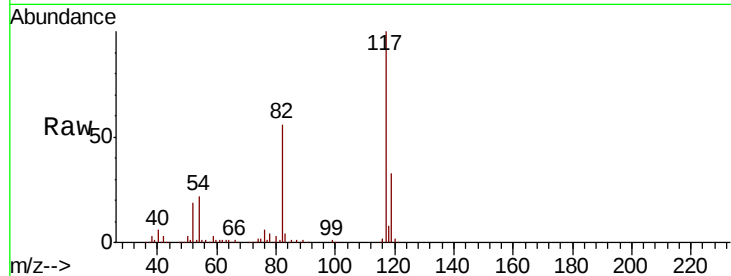
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.2	64.8
119	32.6	26.3	39.5

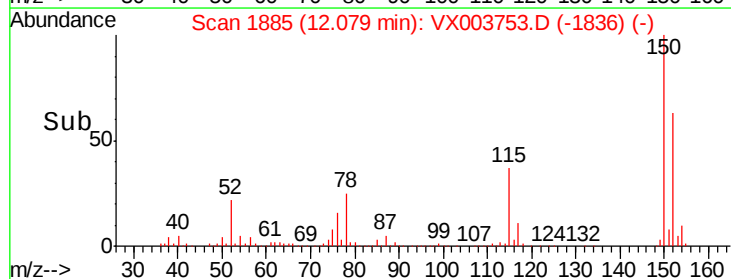
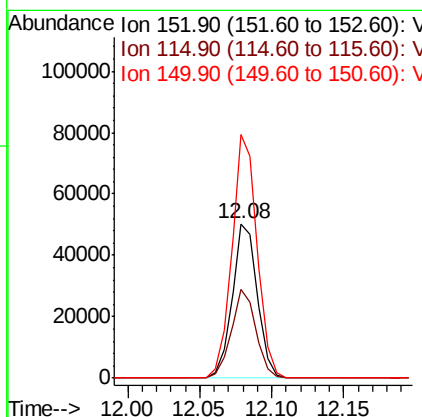
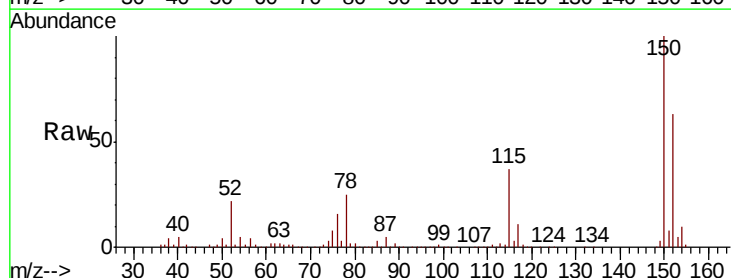
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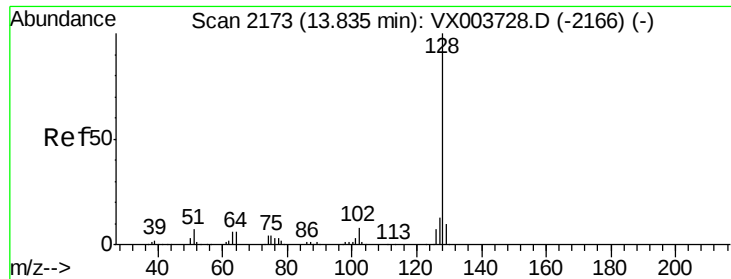
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	38.5	115.3
150	157.6	0.0	346.2





#95
Naphthalene
Concen: 1.06 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003753.D
Acq: 31 Jul 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-8(10-12)

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.2	15.2#
129	24.8	8.7	13.1#

Manual Integrations
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