

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004172.D
 Acq On : 21 Aug 2018 13:38
 Operator : JC/MD
 Sample : J4271-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-A

Quant Time: Aug 22 01:29:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216182	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	197263	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
35) Dibromofluoromethane	5.50	113	167098	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	8.71	98	623601	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
62) 4-Bromofluorobenzene	11.14	95	204212	42.02	ug/l	0.00
Spiked Amount			Recovery	=	84.04%	

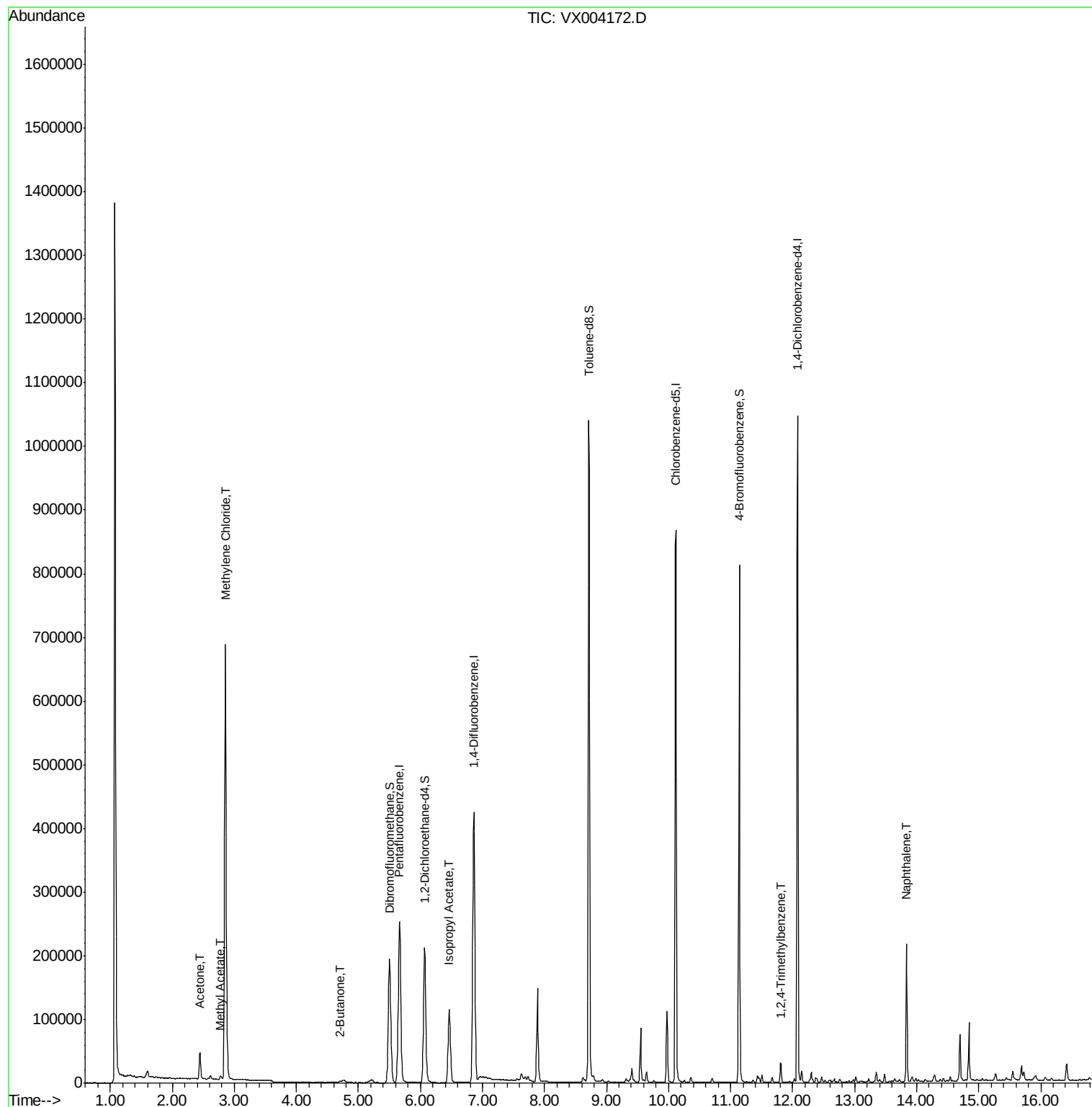
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	45084	23.86	ug/l	97
18) Methyl Acetate	2.78	43	7164	1.71	ug/l	100
20) Methylene Chloride	2.86	84	322530	105.10	ug/l	98
25) 2-Butanone	4.70	43	4765	1.55	ug/l #	81
43) Isopropyl Acetate	6.46	43	151490	18.78	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	13359	1.08	ug/l	96
95) Naphthalene	13.83	128	134266	9.82	ug/l	99

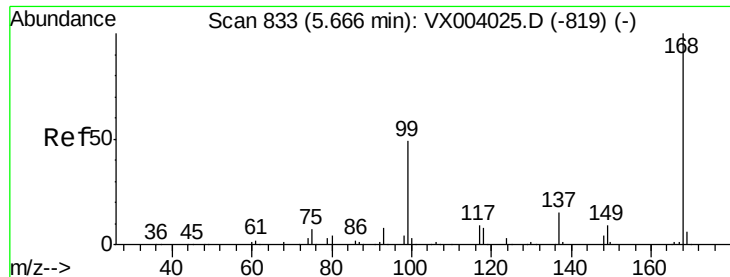
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 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: VX004172.D

Acq: 21 Aug 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

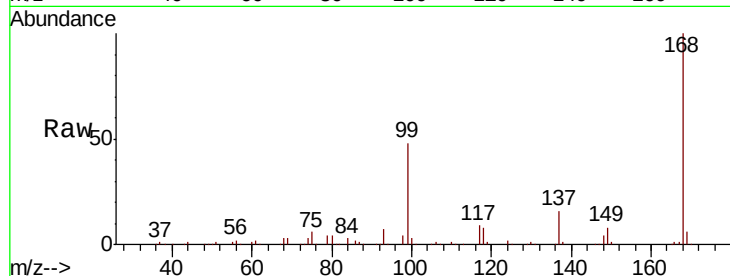
HR-06-082018-A

Tot Ion:168 Resp: 257943

Ion Ratio Lower Upper

168 100

99 48.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

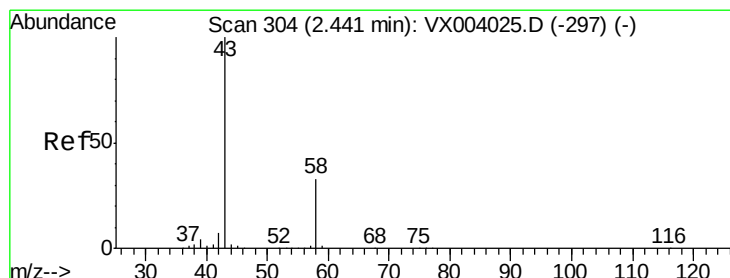
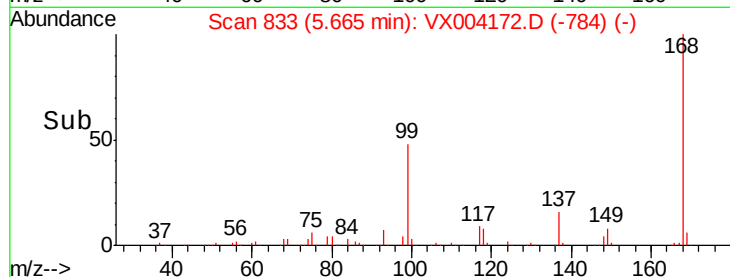
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 23.86 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004172.D

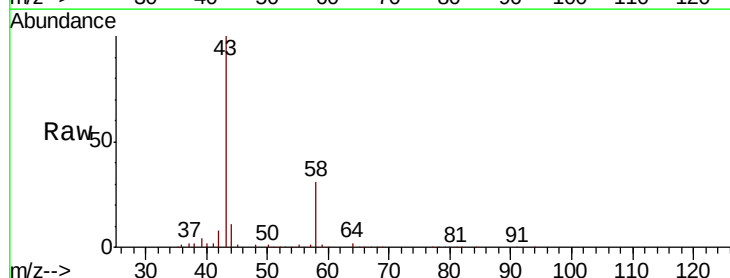
Acq: 21 Aug 2018 13:38

Tgt Ion: 43 Resp: 45084

Ion Ratio Lower Upper

43 100

58 31.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

30000

25000

20000

15000

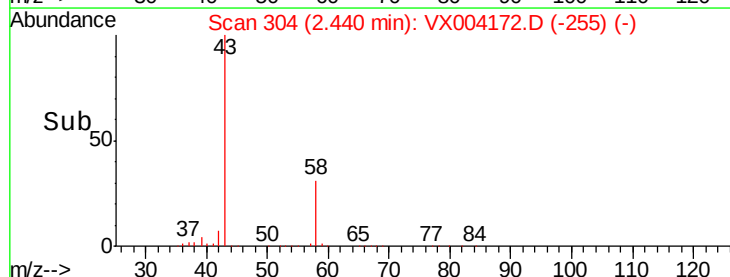
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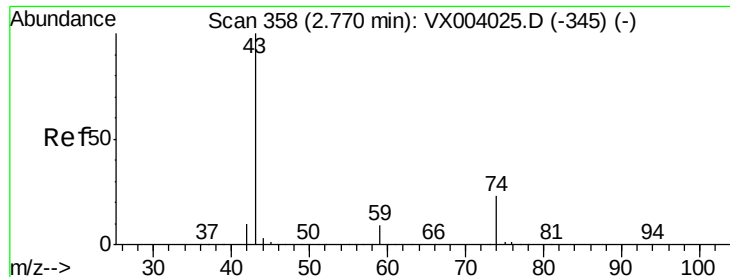
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0

Time-->

2.40 2.50

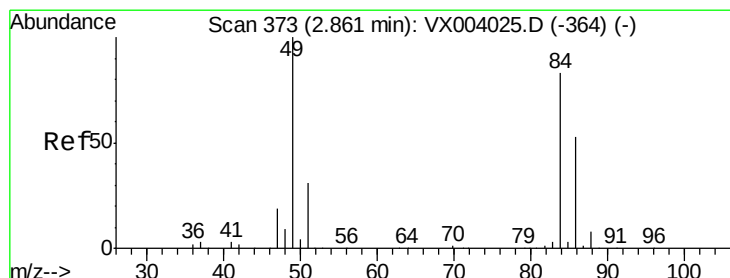
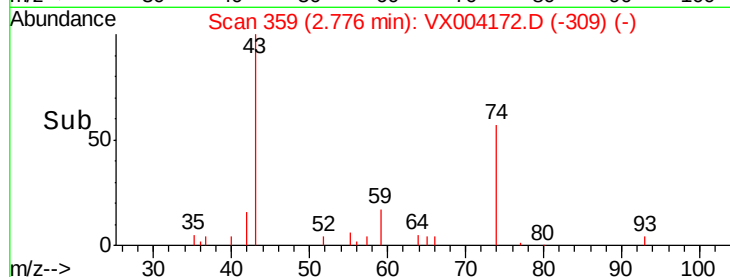
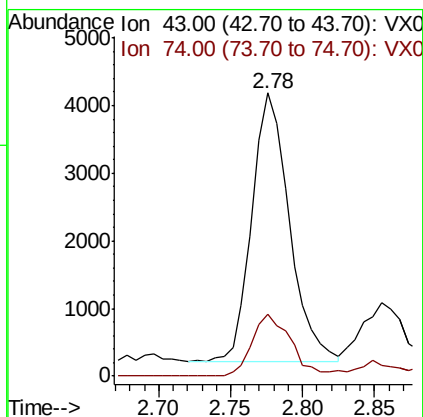
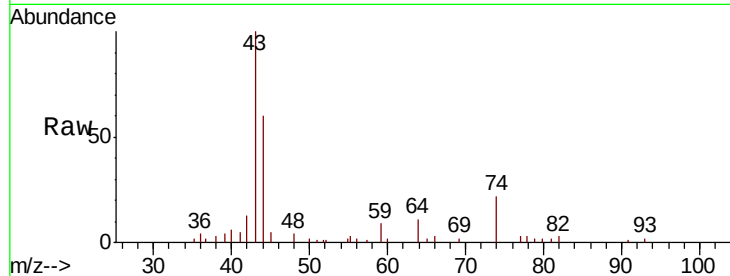




#18
Methvl Acetate
Concen: 1.71 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

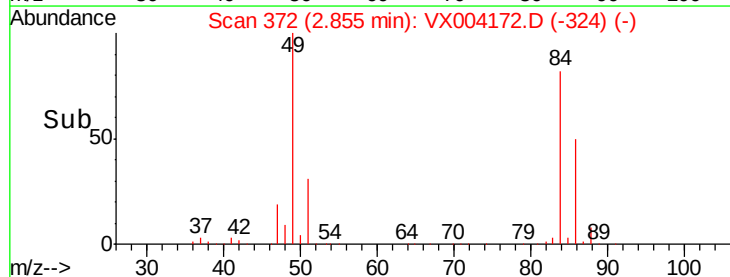
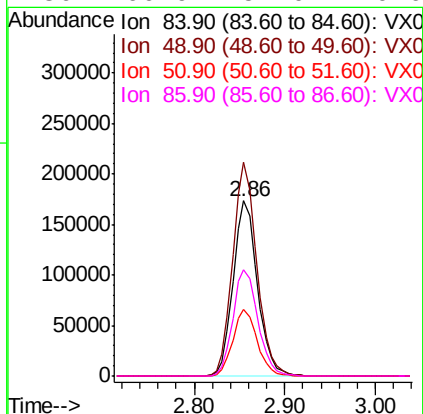
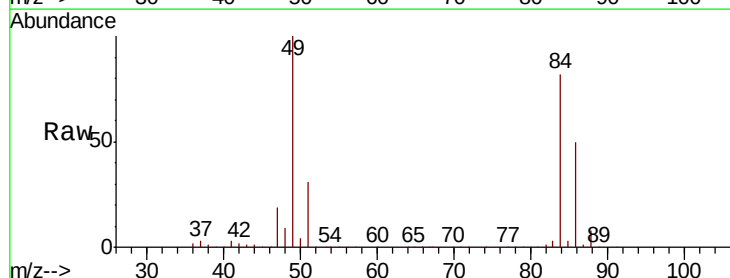
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

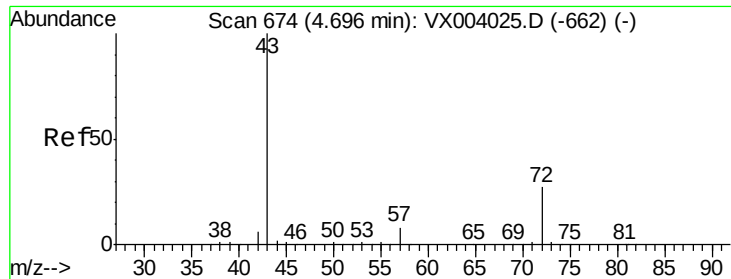
Tot Ion: 43 Resp: 7164
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



#20
Methylene Chloride
Concen: 105.10 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion: 84 Resp: 322530
Ion Ratio Lower Upper
84 100
49 121.9 98.9 148.3
51 38.0 29.9 44.9
86 60.9 51.0 76.6





#25

2-Butanone

Concen: 1.55 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004172.D

Acq: 21 Aug 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

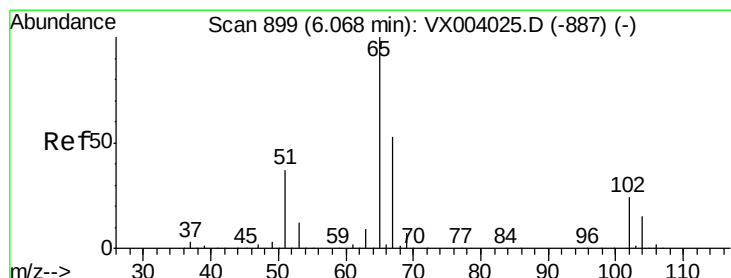
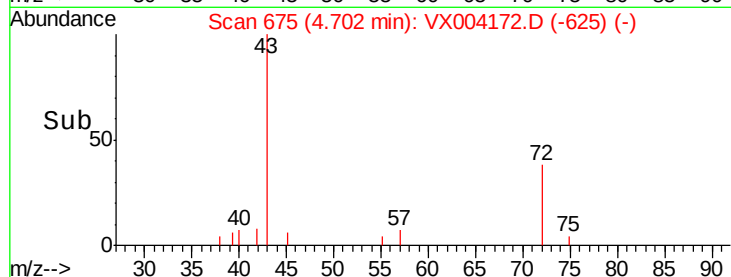
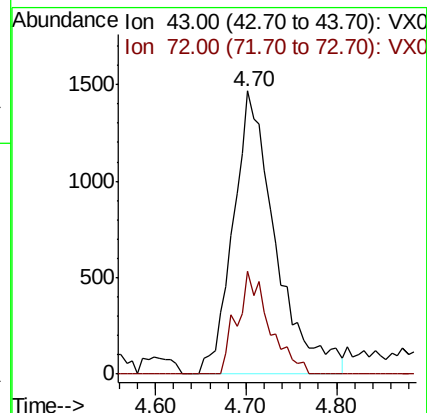
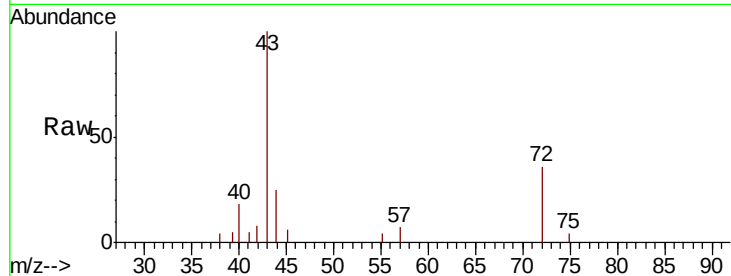
HR-06-082018-A

Tot Ion: 43 Resp: 4765

Ion Ratio Lower Upper

43 100

72 36.3 21.4 32.0#



#33

1,2-Dichloroethane-d4

Concen: 54.28 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004172.D

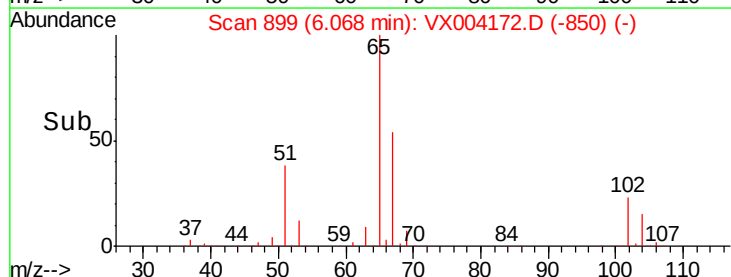
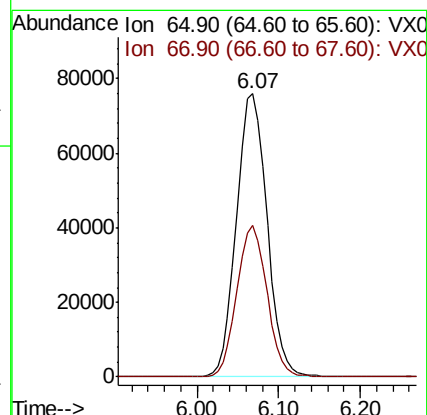
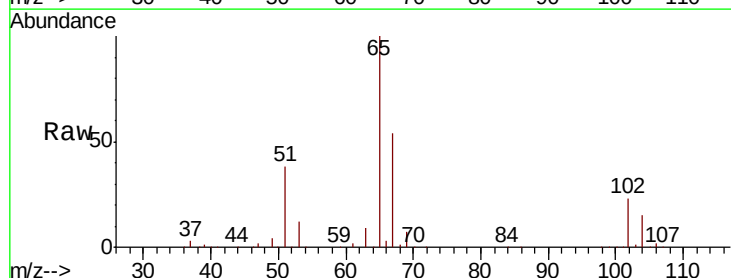
Acq: 21 Aug 2018 13:38

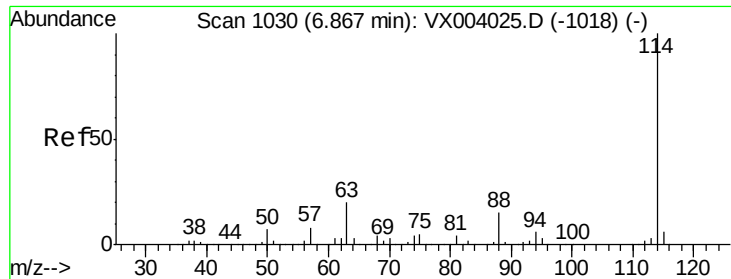
Tgt Ion: 65 Resp: 197263

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8

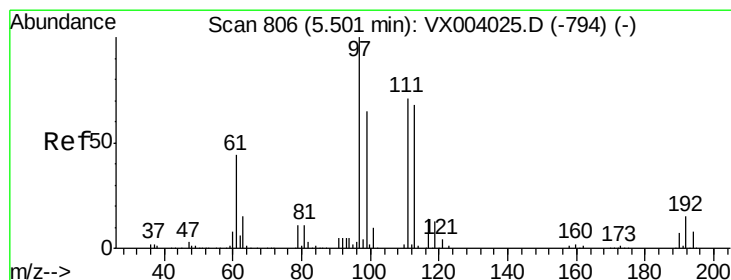
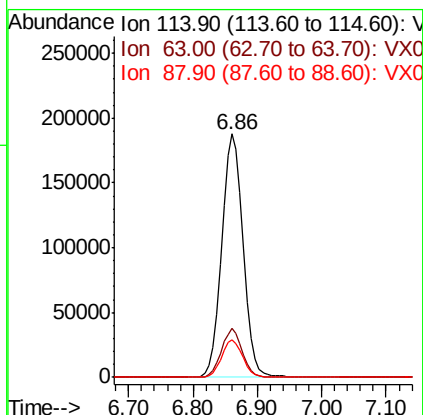
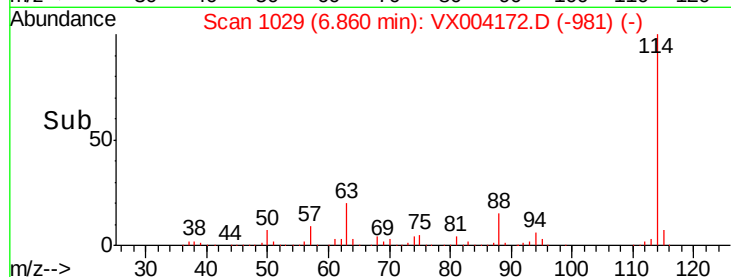
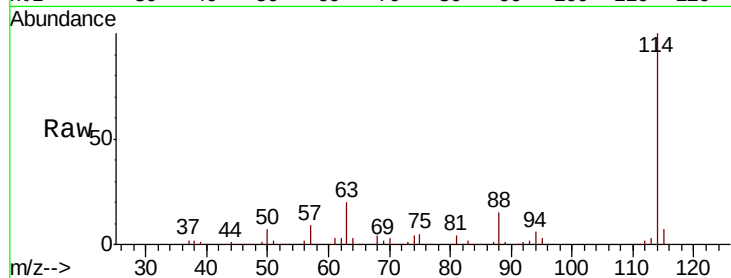




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004172.D
 Acq: 21 Aug 2018 13:38

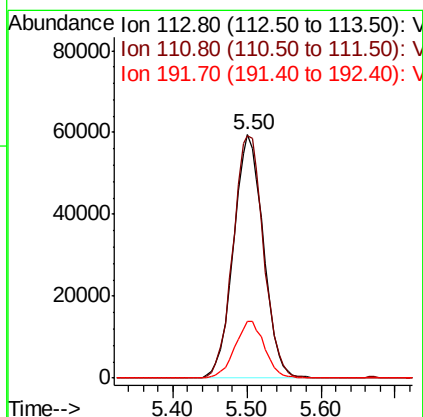
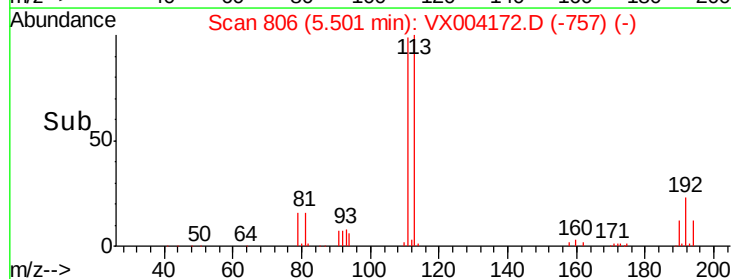
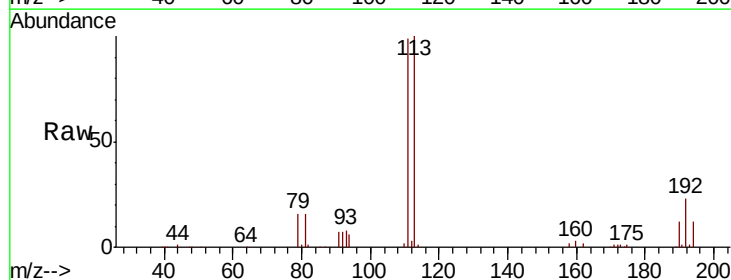
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-A

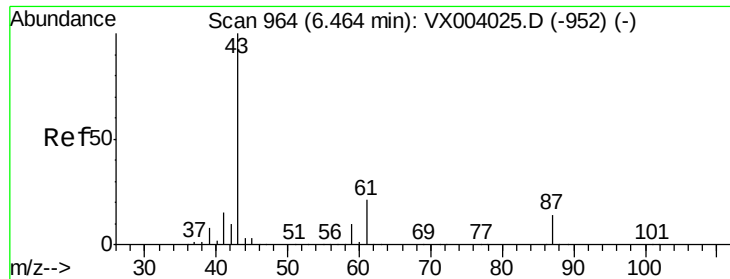
Tot Ion:114 Resp: 441614
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.2 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 50.56 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004172.D
 Acq: 21 Aug 2018 13:38

Tgt Ion:113 Resp: 167098
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 23.3 19.0 28.4





#43

Isopropyl Acetate

Concen: 18.78 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004172.D

Acq: 21 Aug 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

HR-06-082018-A

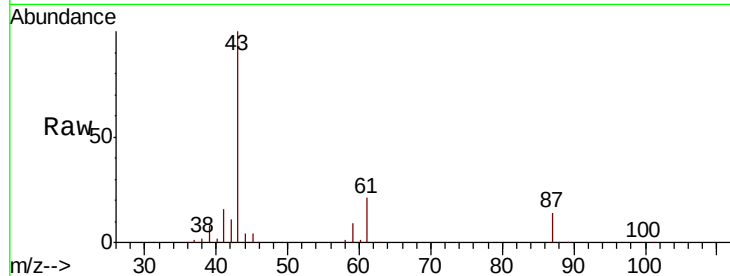
Tot Ion: 43 Resp: 151490

Ion Ratio Lower Upper

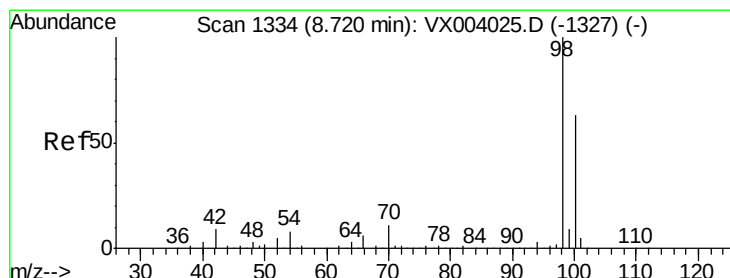
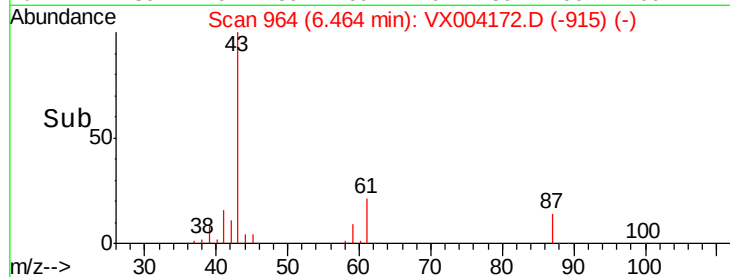
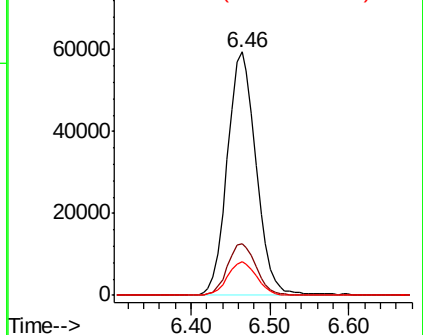
43 100

61 21.1 16.9 25.3

87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 46.54 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004172.D

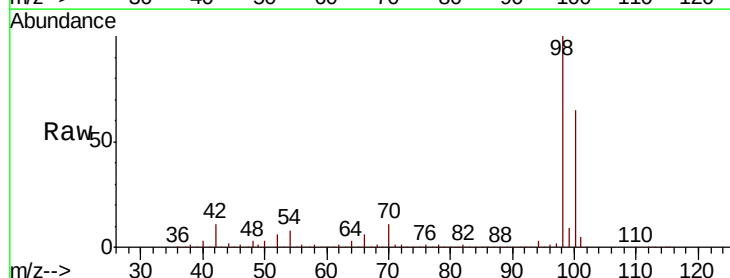
Acq: 21 Aug 2018 13:38

Tgt Ion: 98 Resp: 623601

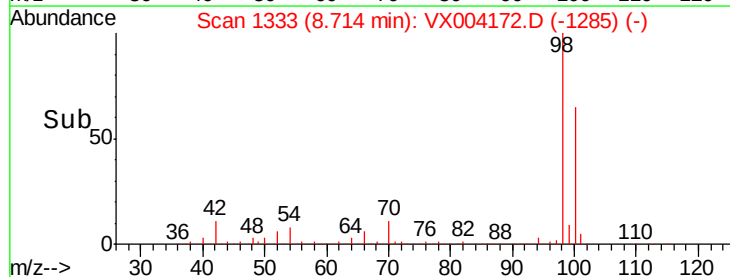
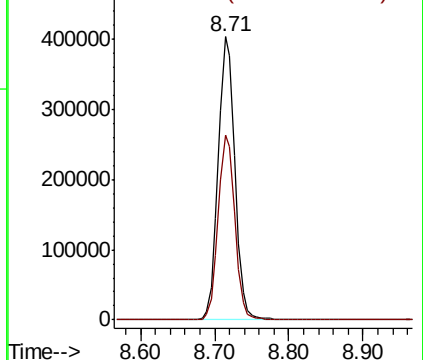
Ion Ratio Lower Upper

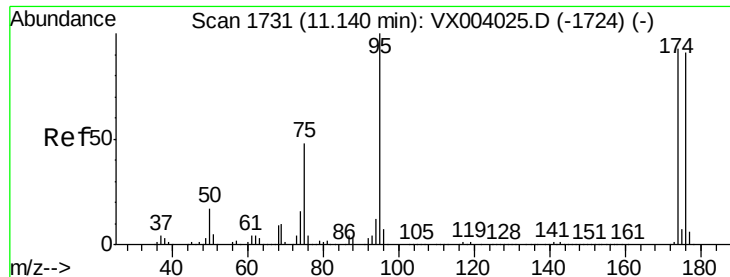
98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

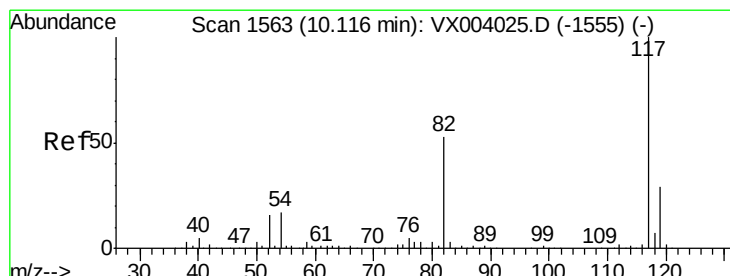
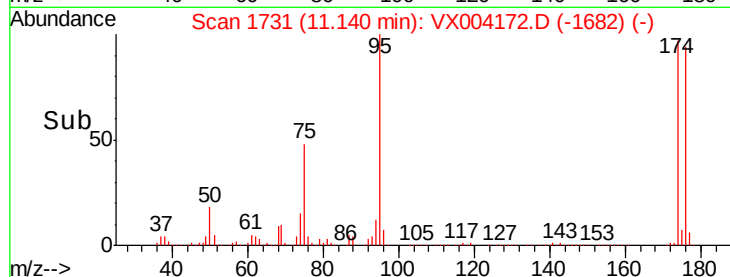
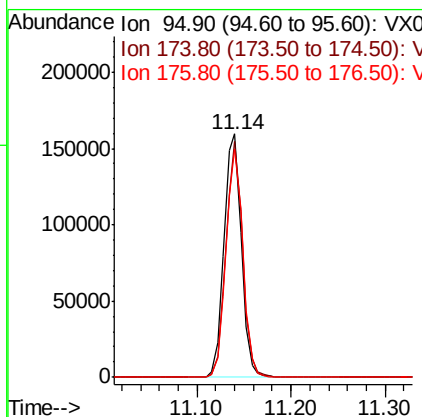
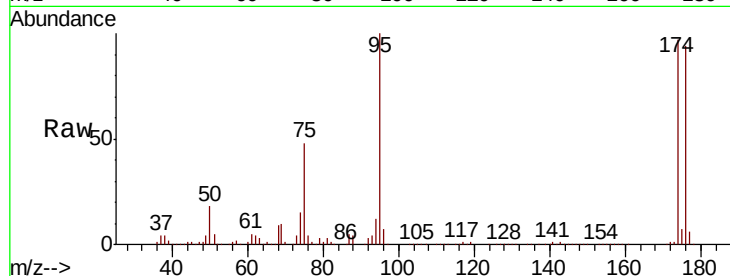




#62
4-Bromofluorobenzene
Concen: 42.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

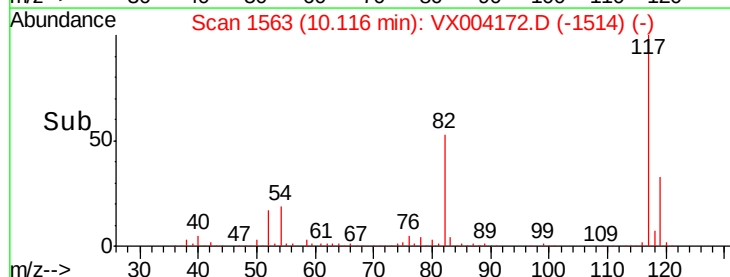
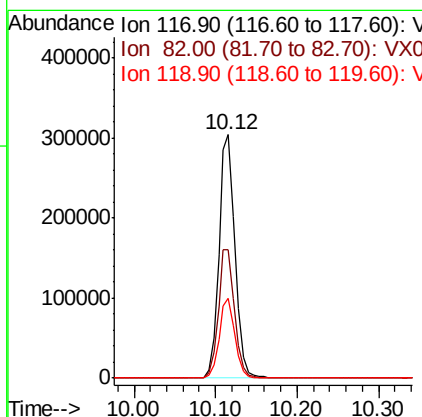
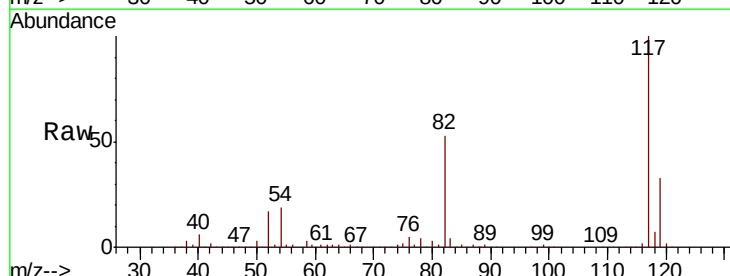
Instrument :
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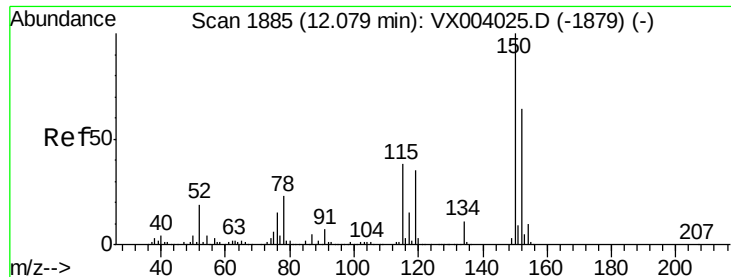
Tot Ion	95	Resp	204212
Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	182.8
176	91.3	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Tgt Ion	117	Resp	416949
Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.4	68.0
119	32.6	26.6	40.0

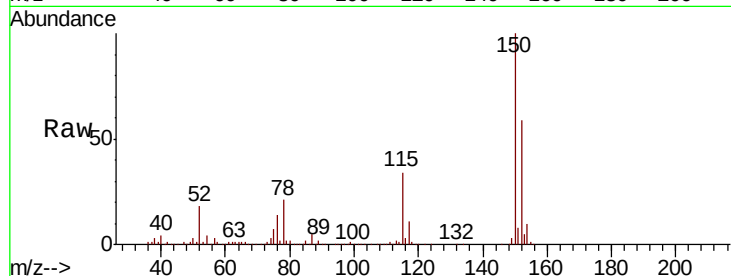




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX004172.D
 Acq: 21 Aug 2018 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.1	117.3
150	161.3	0.0	349.2

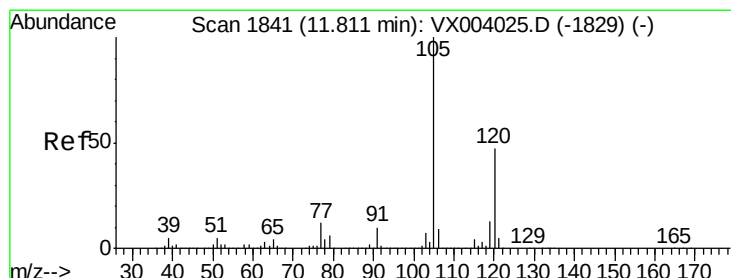
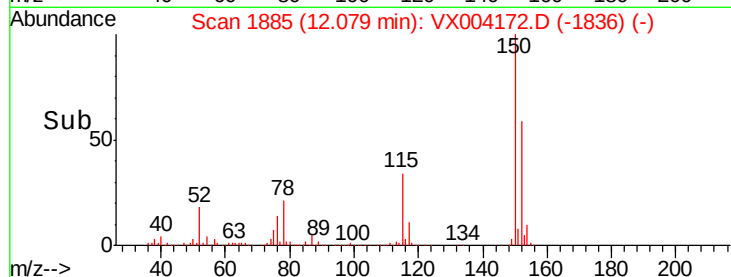
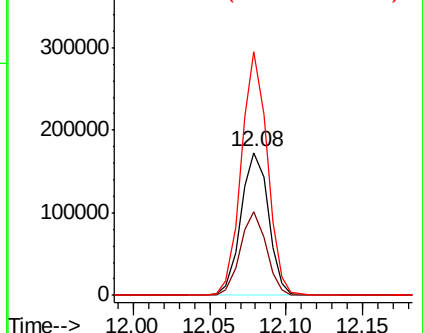


Abundance

Ion 151.90 (151.60 to 152.60): V

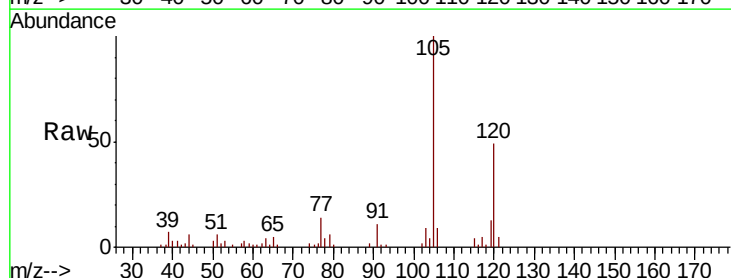
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84
 1,2,4-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004172.D
 Acq: 21 Aug 2018 13:38

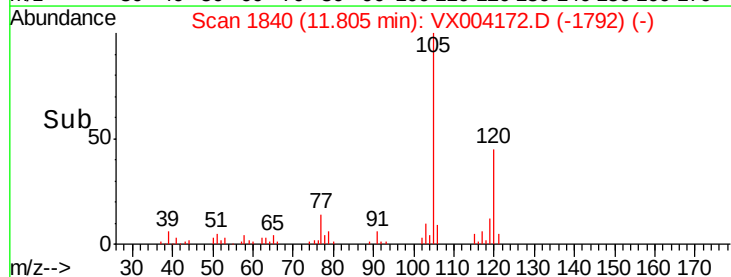
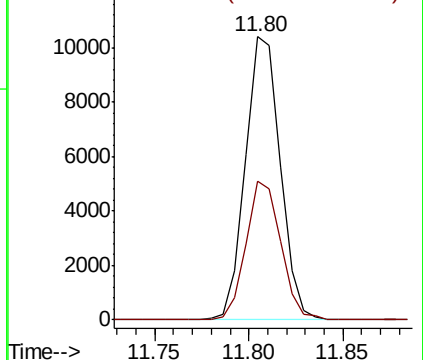
Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.1	69.2

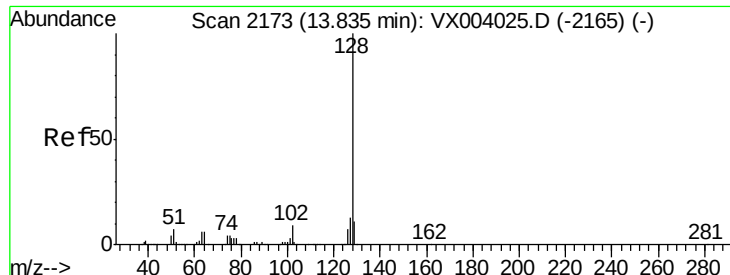


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

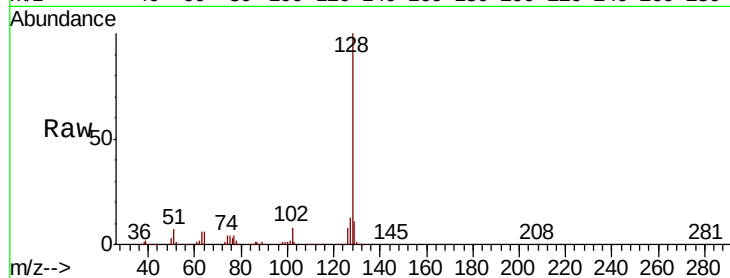




#95
Naphthalene
Concen: 9.82 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004172.D
Acq: 21 Aug 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.3	8.8	13.2



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

