

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003377.D
 Acq On : 13 Jul 2018 22:27
 Operator : JC/MD
 Sample : J3821-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-071218-B

Quant Time: Jul 14 03:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

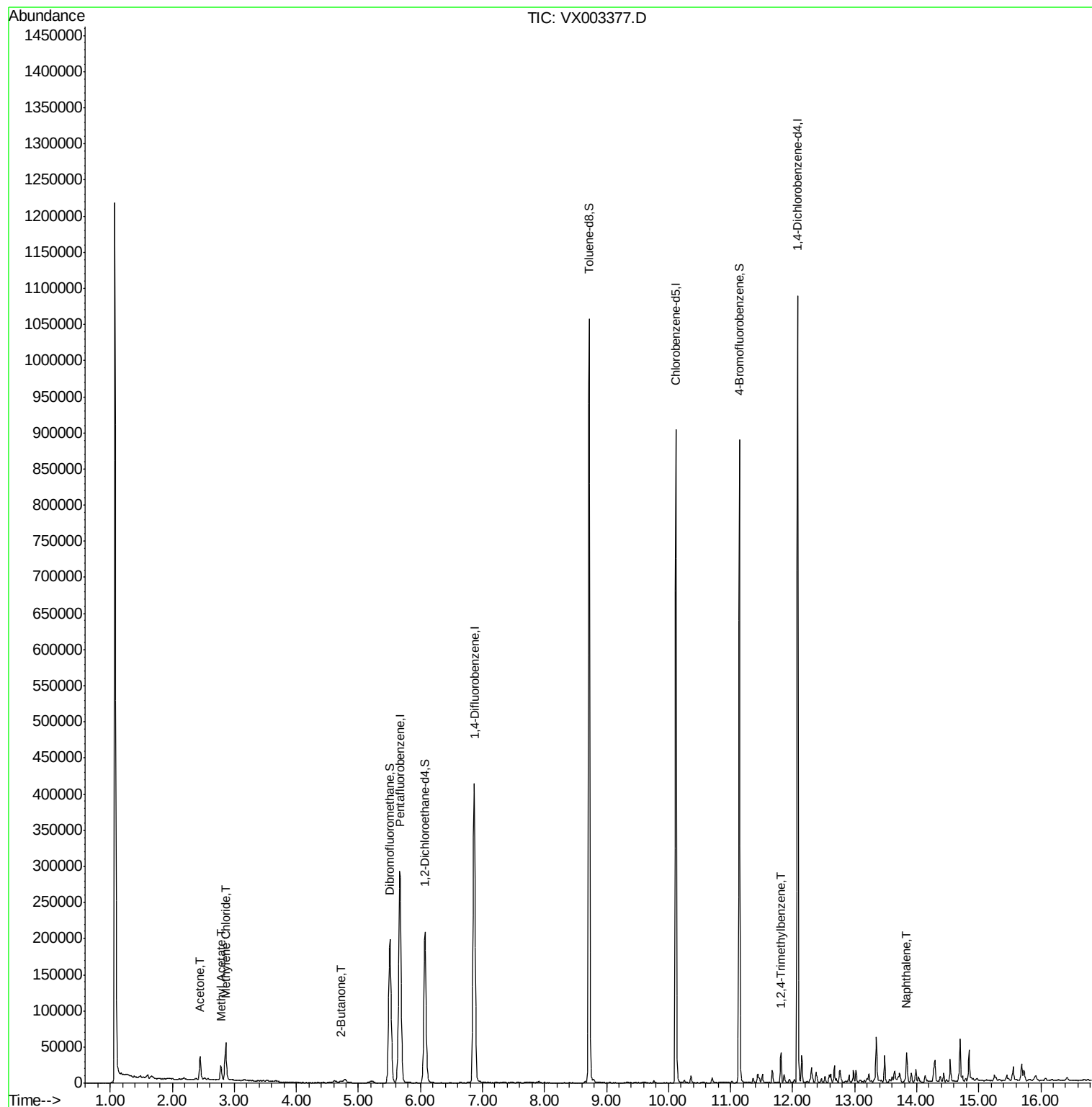
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194320	58.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.16%	
35) Dibromofluoromethane	5.51	113	168579	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	8.72	98	635909	60.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.54%	
62) 4-Bromofluorobenzene	11.14	95	219352	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
Target Compounds						
16) Acetone	2.45	43	34347	20.11	ug/l	# 87
18) Methyl Acetate	2.78	43	23245	4.38	ug/l	93
20) Methylene Chloride	2.86	84	24401	5.54	ug/l	91
25) 2-Butanone	4.71	43	3726	1.41	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	18271	1.32	ug/l	100
95) Naphthalene	13.83	128	26300	1.57	ug/l	98

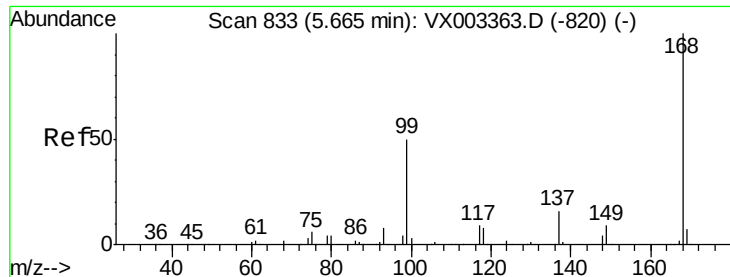
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003377.D

Acq: 13 Jul 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

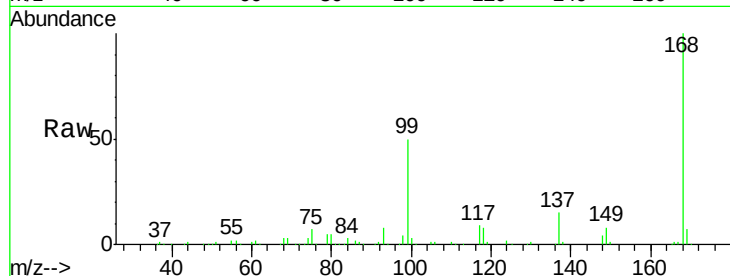
HR-05-071218-B

Tot Ion:168 Resp: 304245

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

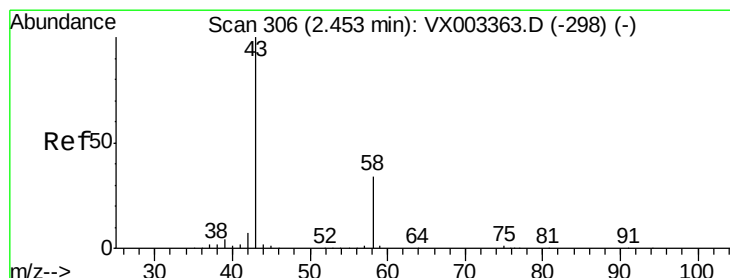
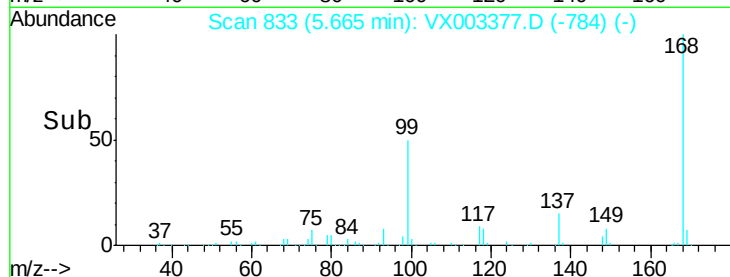
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 20.11 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003377.D

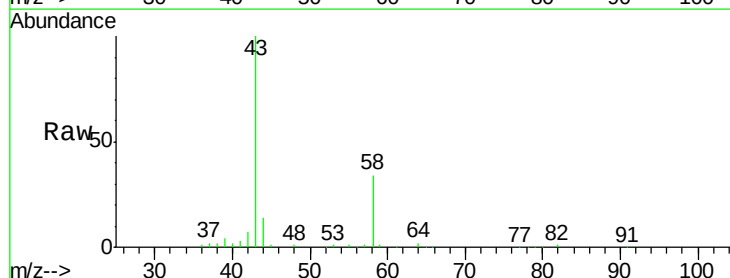
Acq: 13 Jul 2018 22:27

Tgt Ion: 43 Resp: 34347

Ion Ratio Lower Upper

43 100

58 34.3 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

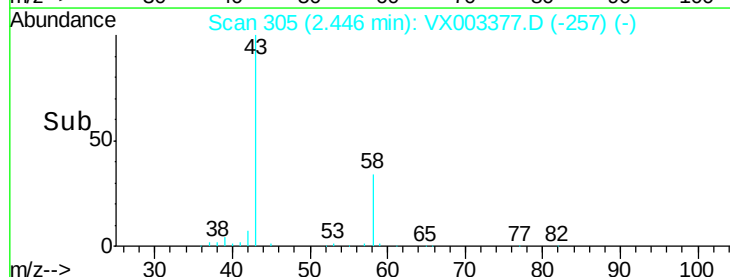
15000

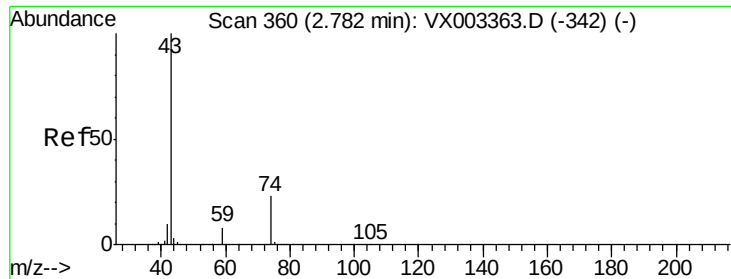
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

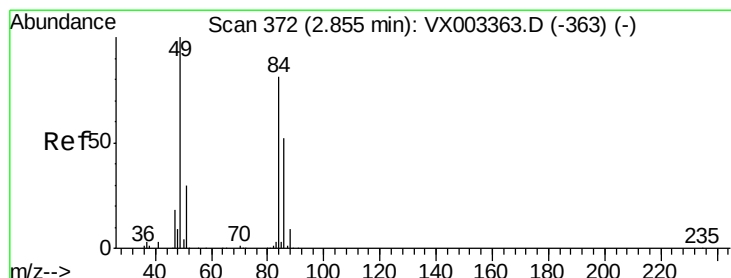
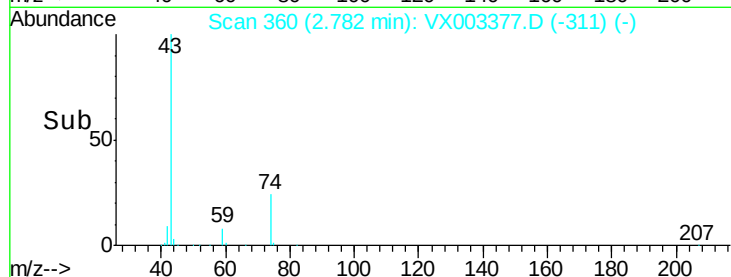
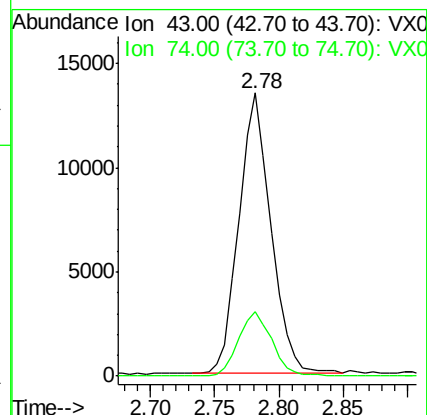
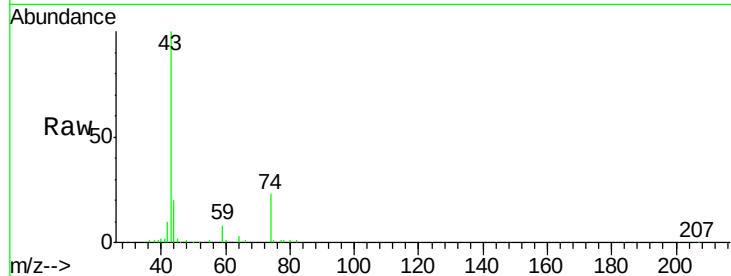




#18
Methvl Acetate
Concen: 4.38 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

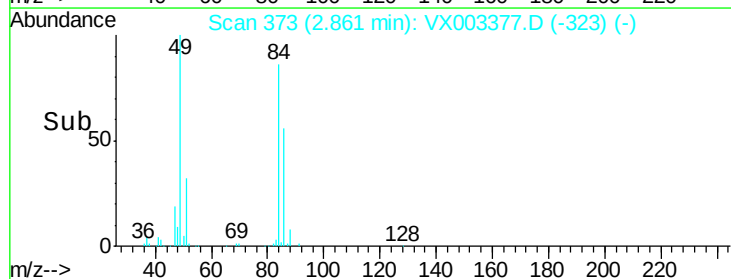
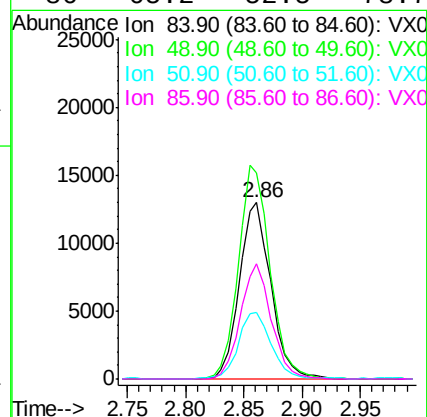
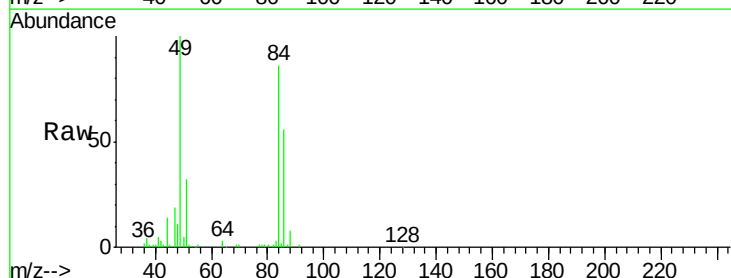
Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

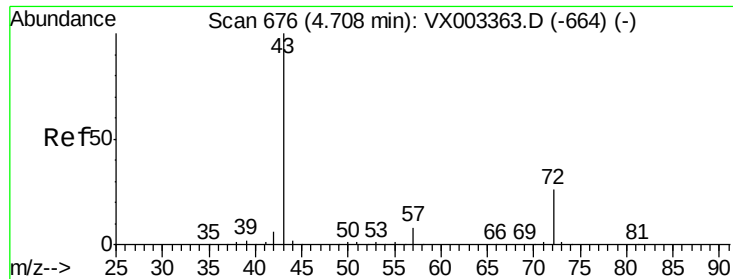
Tot Ion: 43 Resp: 23245
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1



#20
Methylene Chloride
Concen: 5.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 84 Resp: 24401
Ion Ratio Lower Upper
84 100
49 116.9 107.8 161.6
51 38.0 32.8 49.2
86 65.2 52.5 78.7





#25

2-Butanone

Concen: 1.41 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003377.D

Acq: 13 Jul 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

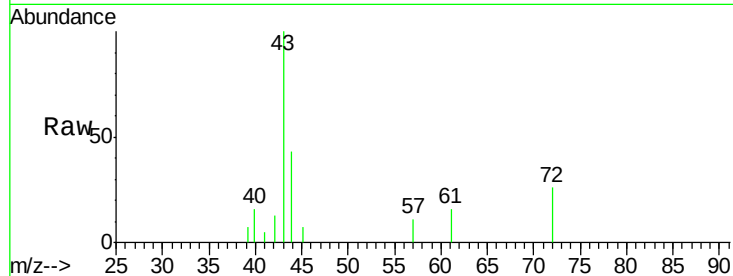
HR-05-071218-B

Tot Ion: 43 Resp: 3726

Ion Ratio Lower Upper

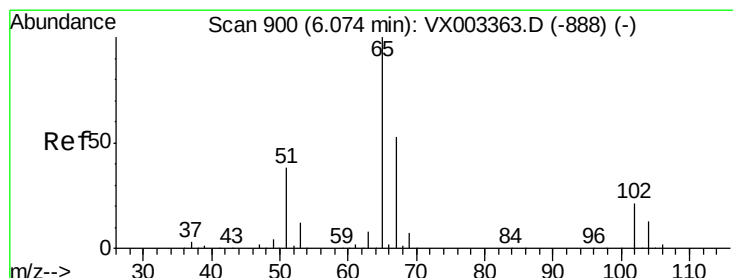
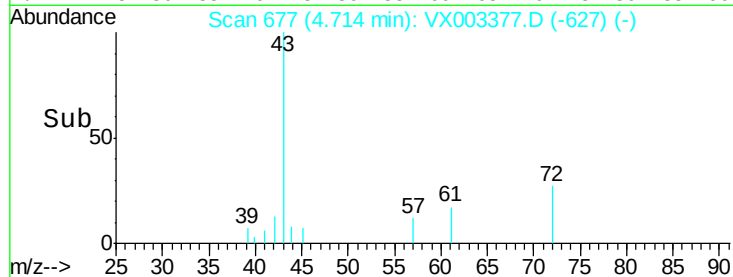
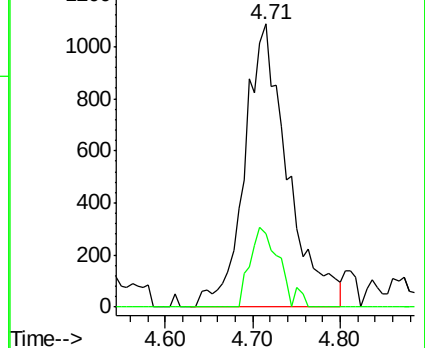
43 100

72 25.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003377.D

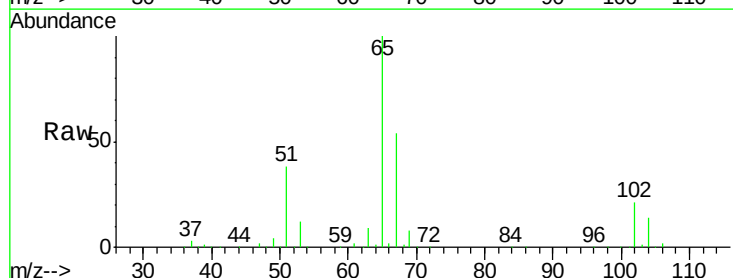
Acq: 13 Jul 2018 22:27

Tgt Ion: 65 Resp: 194320

Ion Ratio Lower Upper

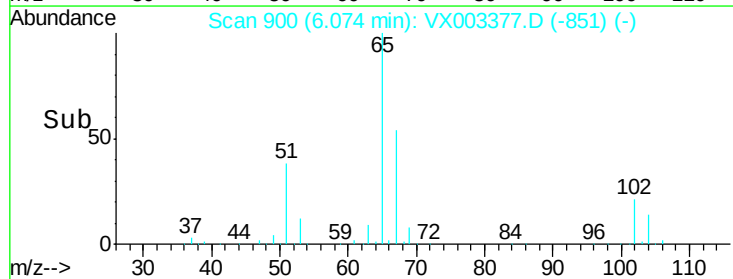
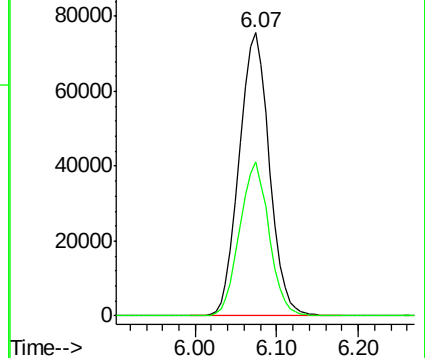
65 100

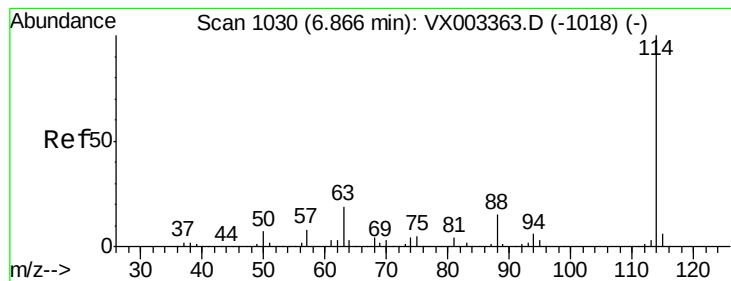
67 53.1 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003377.D

Acq: 13 Jul 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

HR-05-071218-B

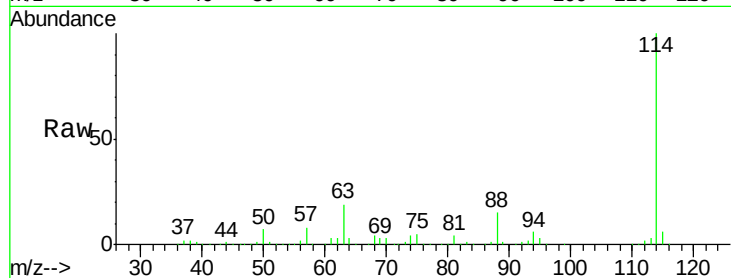
Tot Ion:114 Resp: 439544

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

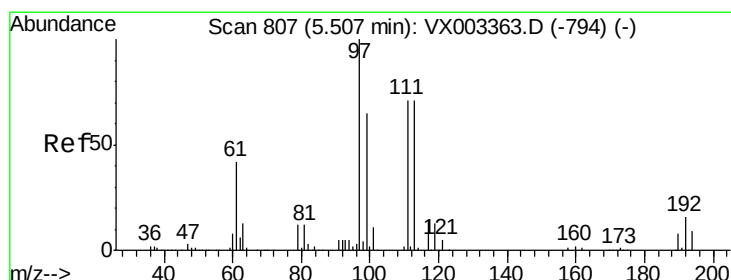
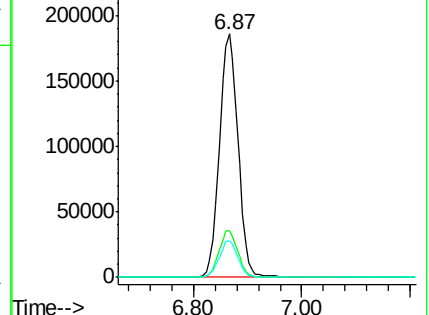
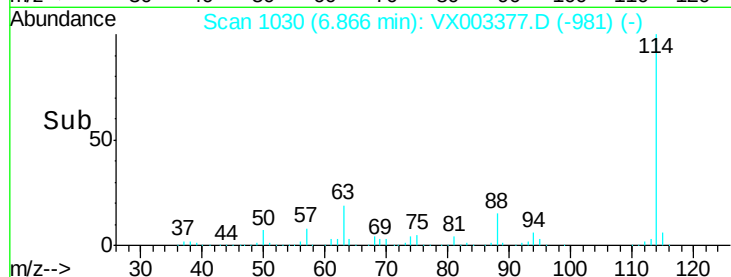
88 14.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 52.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003377.D

Acq: 13 Jul 2018 22:27

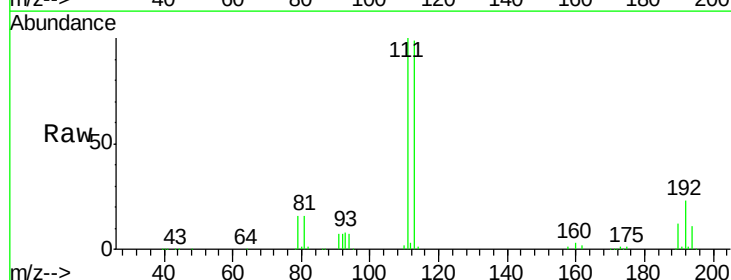
Tgt Ion:113 Resp: 168579

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

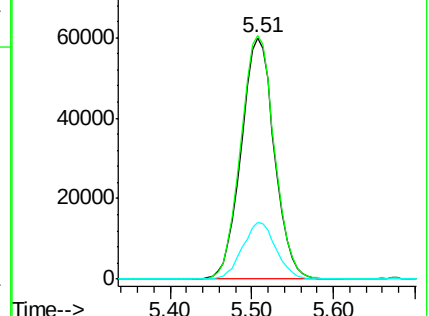
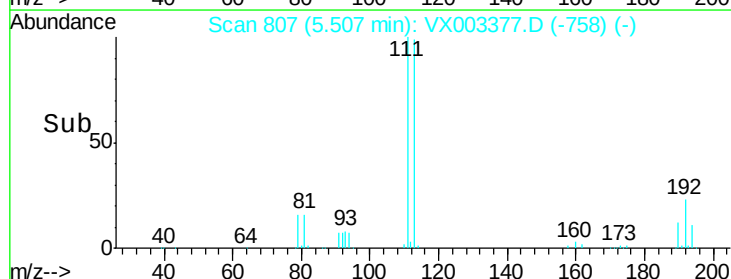
192 23.7 19.1 28.7

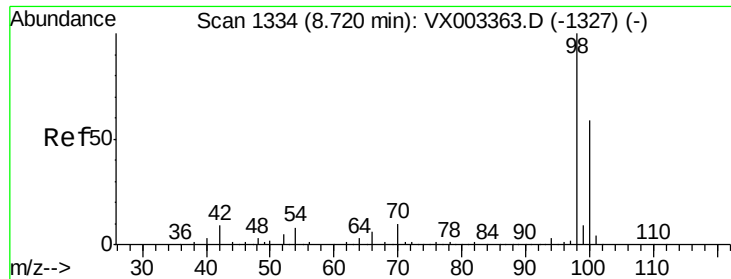


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

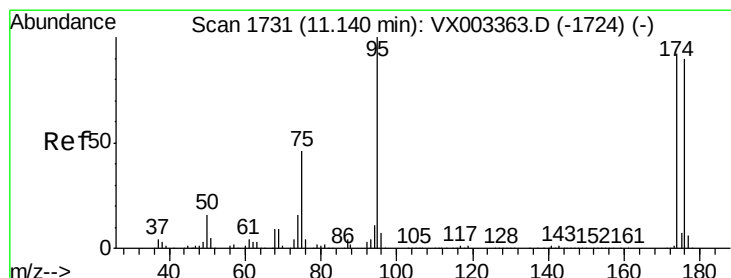
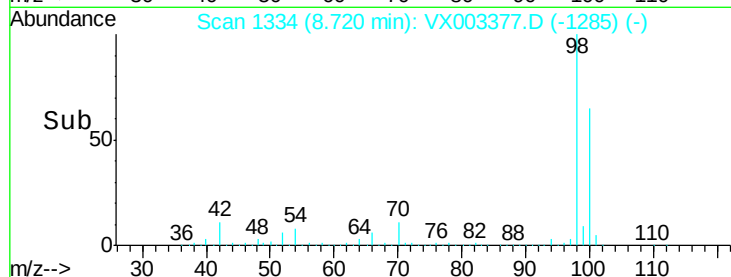
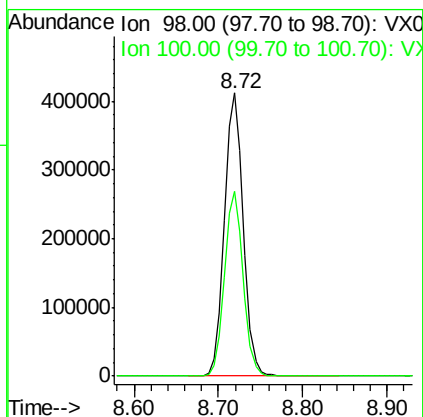
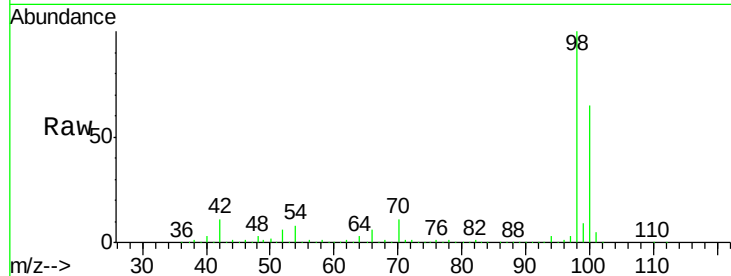




#50
Toluene-d8
Concen: 60.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

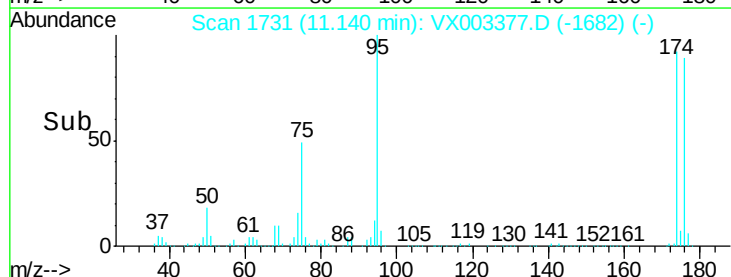
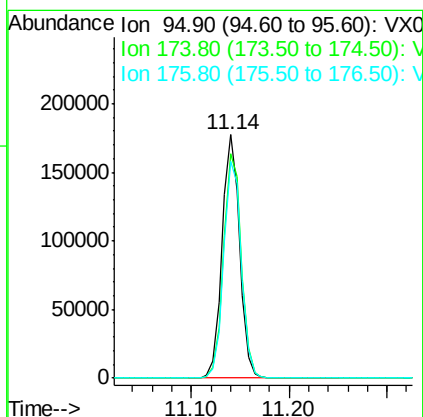
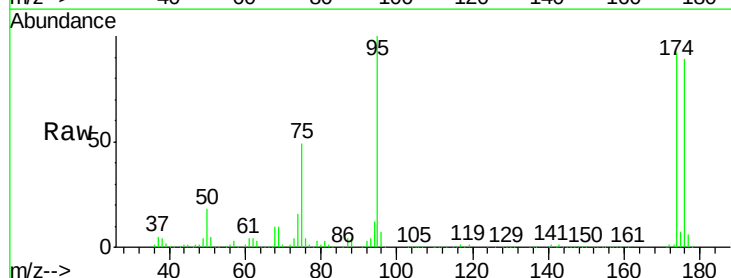
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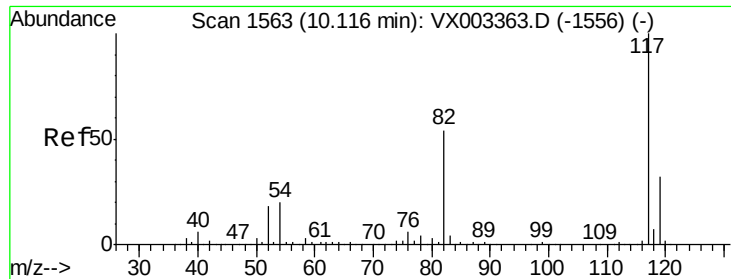
Tot Ion: 98 Resp: 635909
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 95 Resp: 219352
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.4
176 90.2 0.0 181.0

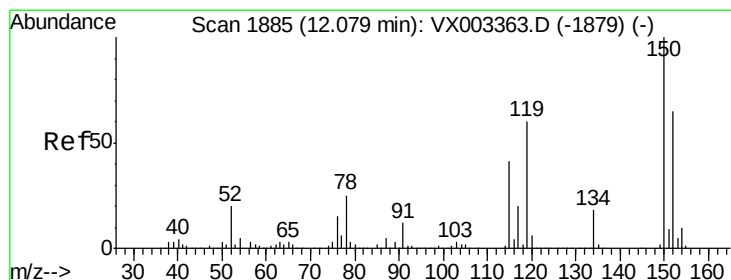
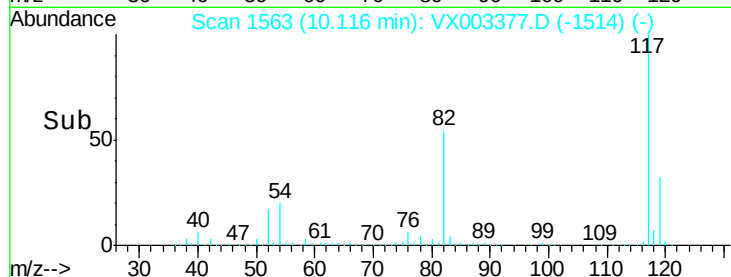
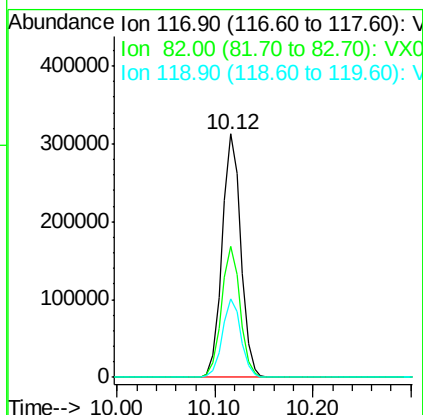
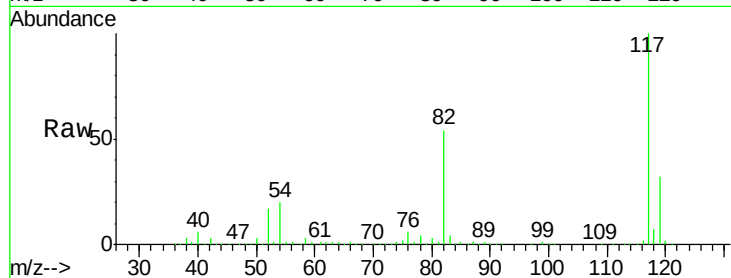




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

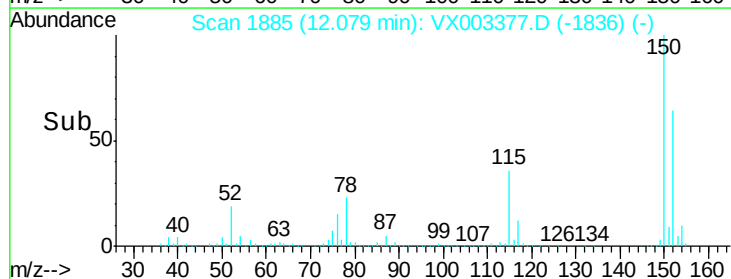
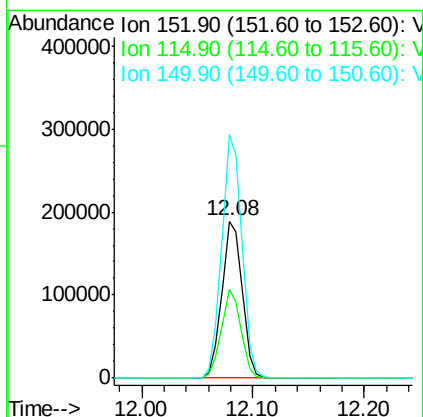
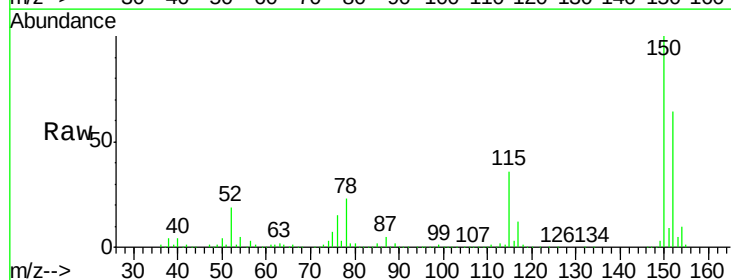
Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

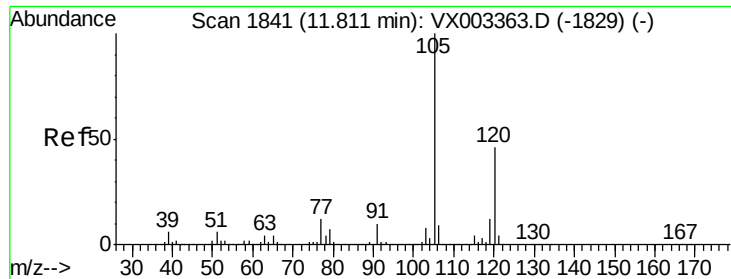
Tot Ion:117 Resp: 414585
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:152 Resp: 238789
Ion Ratio Lower Upper
152 100
115 54.4 40.1 120.2
150 154.9 0.0 347.2

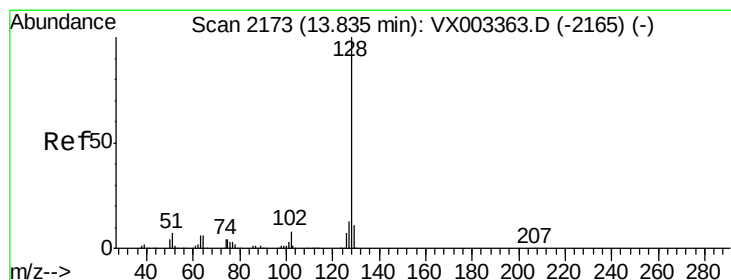
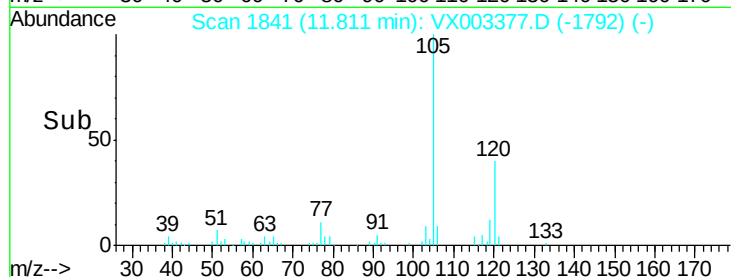
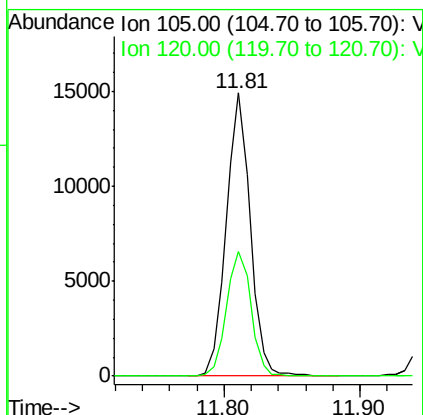
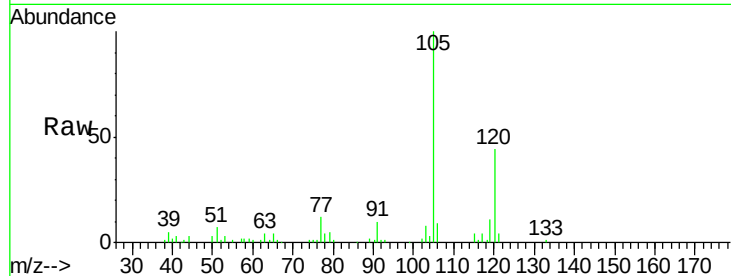




#84
 1,2,4-Trimethylbenzene
 Concen: 1.32 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003377.D
 Acq: 13 Jul 2018 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-071218-B

Tot Ion:105 Resp: 18271
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.8



#95
 Naphthalene
 Concen: 1.57 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003377.D
 Acq: 13 Jul 2018 22:27

Tgt Ion:128 Resp: 26300
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 12.3 8.6 13.0

