

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003434.D
 Acq On : 17 Jul 2018 18:08
 Operator : JC/MD
 Sample : J3996-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Quant Time: Jul 18 01:59:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	431382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	176074	47.23	ug/l	0.00
Spiked Amount						
			Recovery	=	94.46%	
35) Dibromofluoromethane	5.50	113	160336	45.94	ug/l	0.00
Spiked Amount						
			Recovery	=	91.88%	
50) Toluene-d8	8.72	98	674639	52.38	ug/l	0.00
Spiked Amount						
			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.14	95	229604	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	

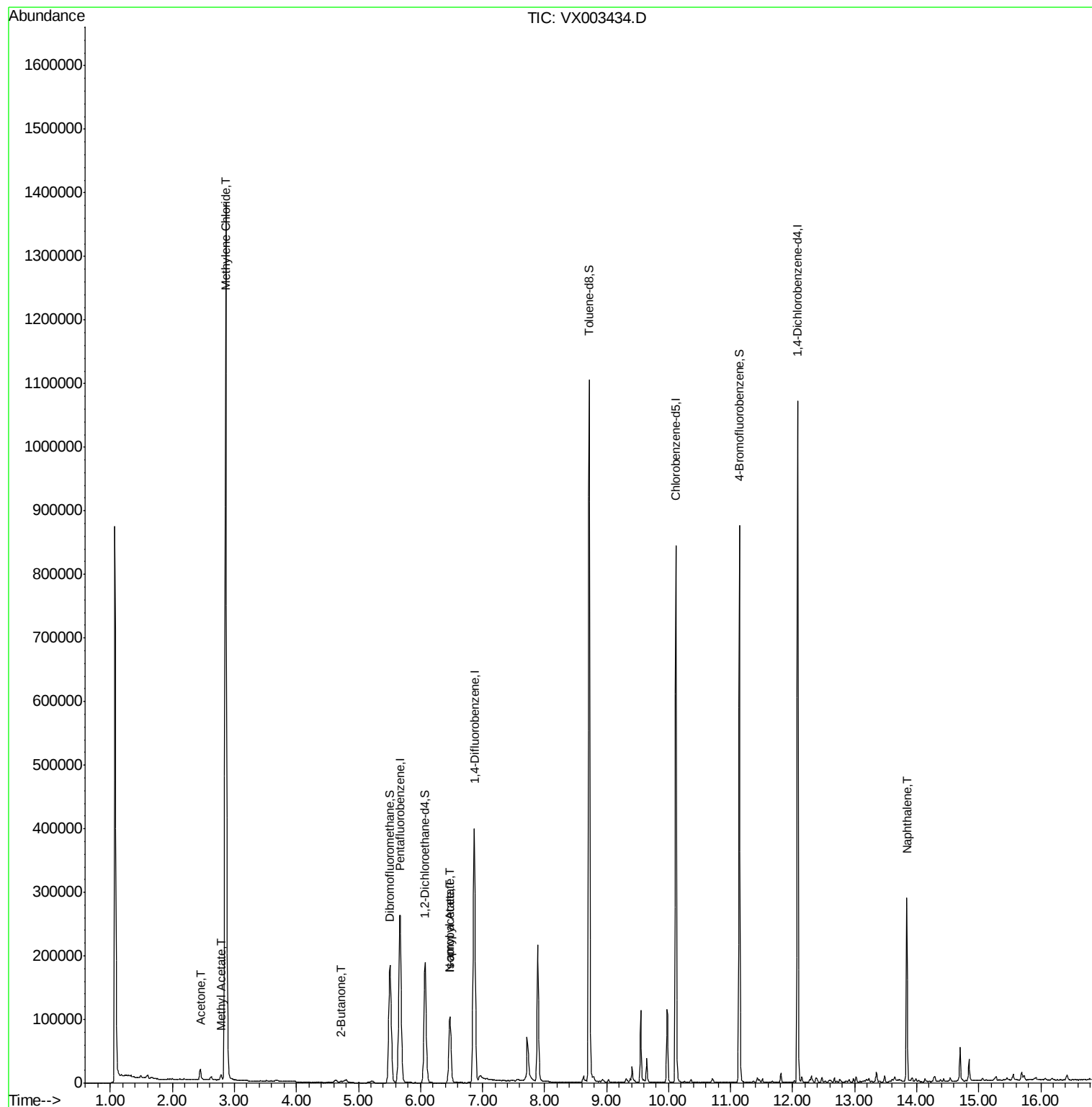
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	17817	11.49	ug/l #	87
18) Methyl Acetate	2.79	43	9965	1.97	ug/l	92
20) Methylene Chloride	2.86	84	645604	181.25	ug/l	95
25) 2-Butanone	4.73	43	3386	1.40	ug/l	95
43) Isopropyl Acetate	6.48	43	134657	18.12	ug/l #	93
74) N-amyl acetate	6.48	43	134657	18.20	ug/l #	93
95) Naphthalene	13.84	128	186343	11.83	ug/l	100

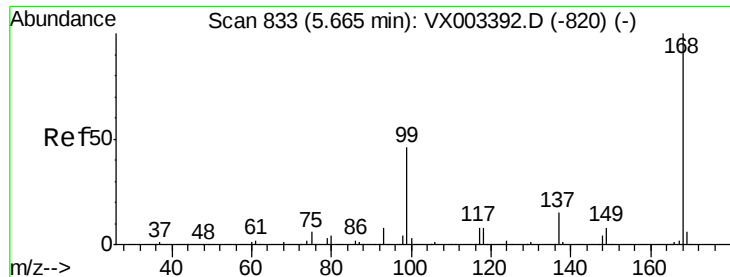
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 01:59:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

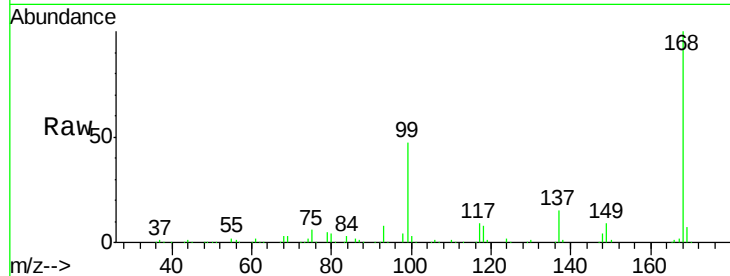
MH-1

Tot Ion:168 Resp: 284691

Ion Ratio Lower Upper

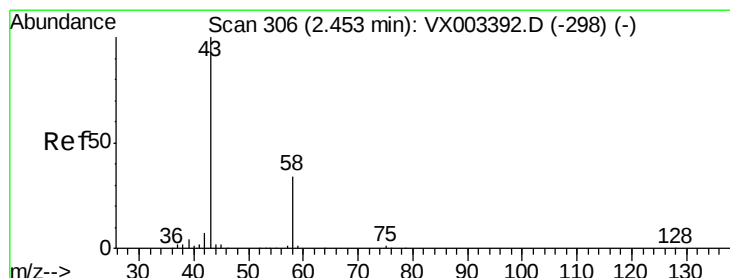
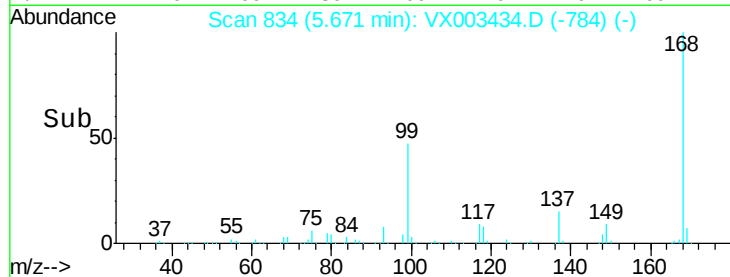
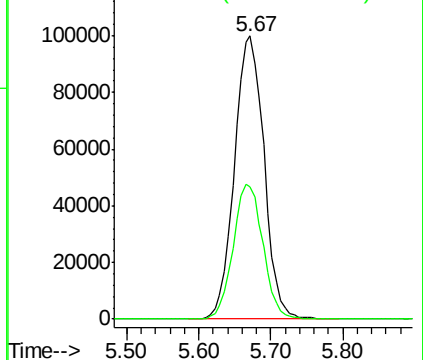
168 100

99 47.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.49 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003434.D

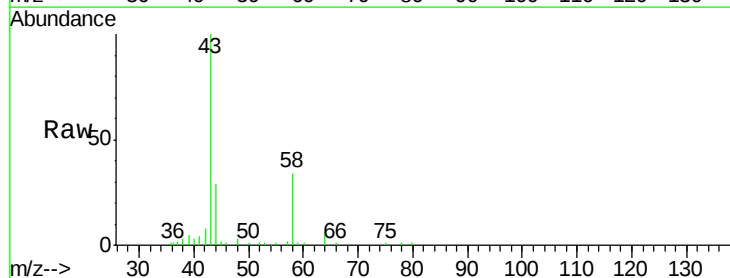
Acq: 17 Jul 2018 18:08

Tgt Ion: 43 Resp: 17817

Ion Ratio Lower Upper

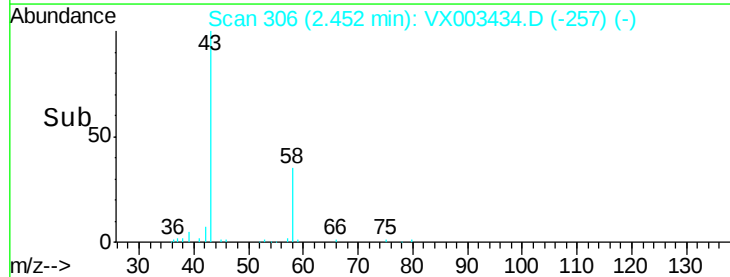
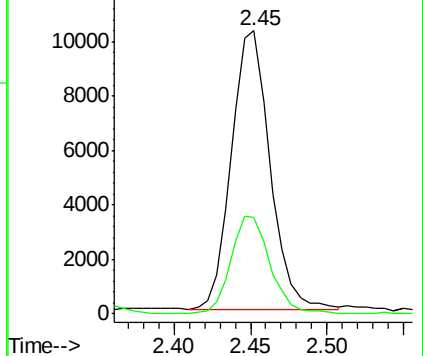
43 100

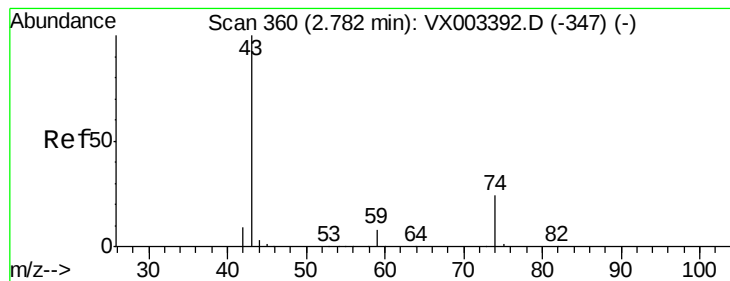
58 34.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.97 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

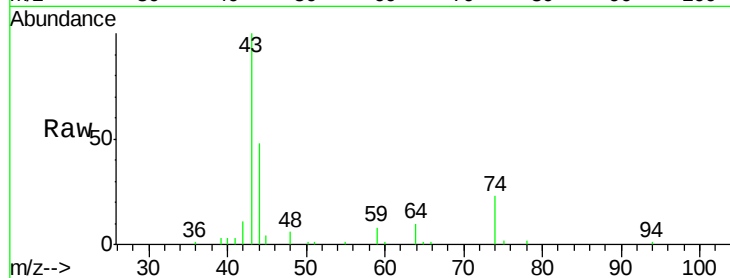
MH-1

Tot Ion: 43 Resp: 9965

Ion Ratio Lower Upper

43 100

74 24.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

6000

5000

4000

3000

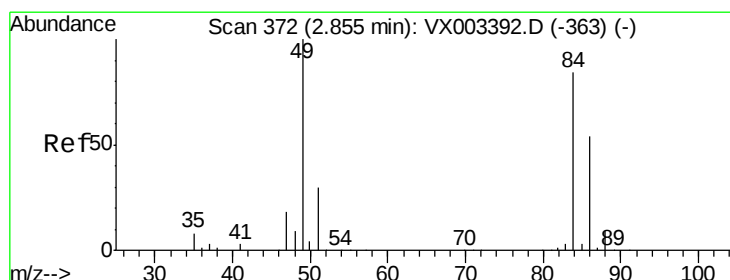
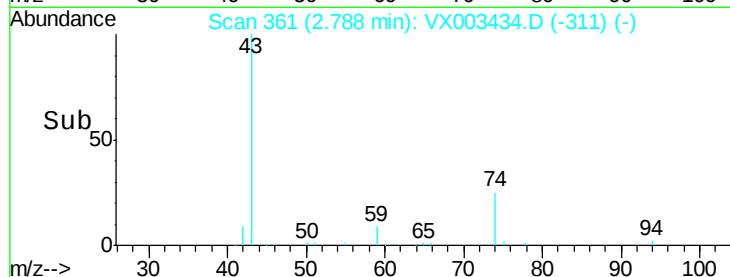
2000

1000

0

2.70 2.75 2.80 2.85

Time-->



#20

Methylene Chloride

Concen: 181.25 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Tgt Ion: 84 Resp: 645604

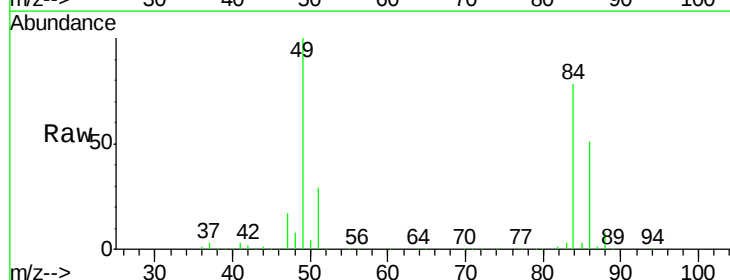
Ion Ratio Lower Upper

84 100

49 127.5 107.8 161.6

51 36.6 32.8 49.2

86 64.5 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

600000

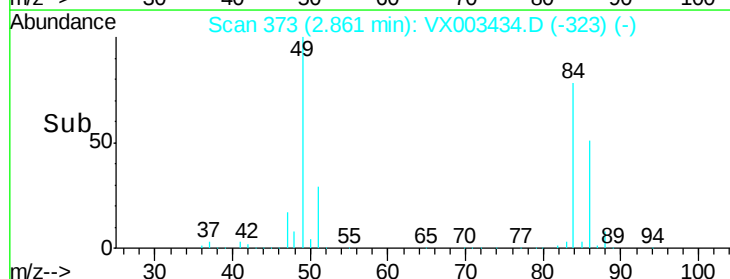
400000

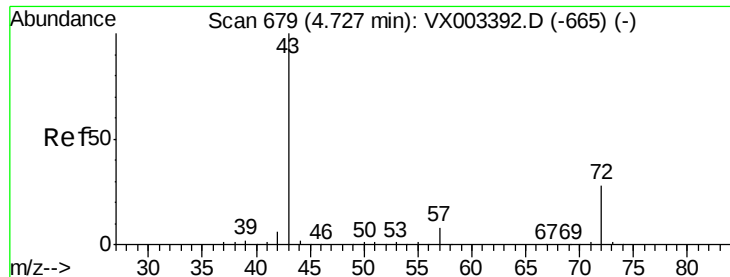
200000

0

2.80 2.90 3.00

Time-->





#25

2-Butanone

Concen: 1.40 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

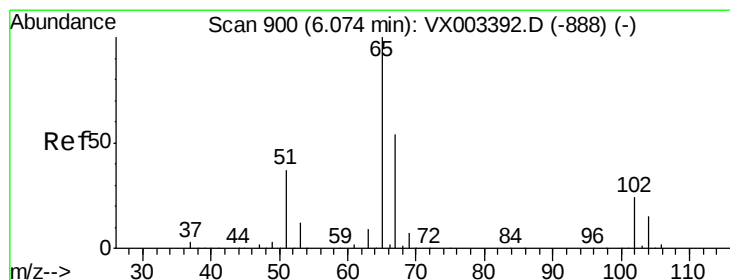
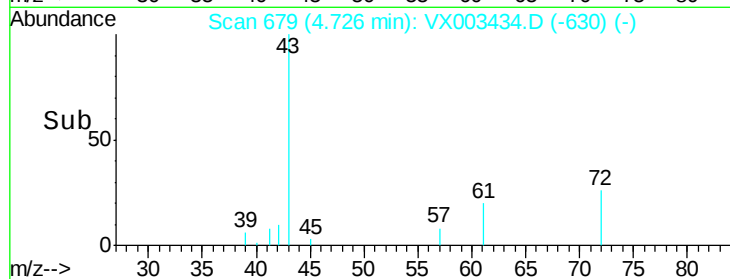
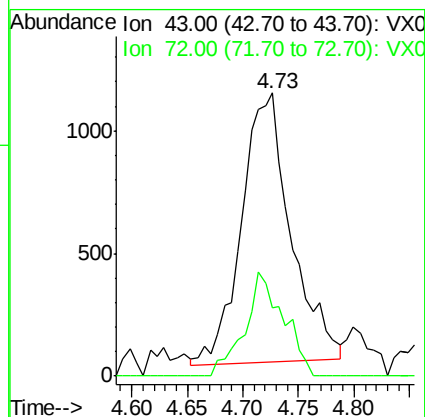
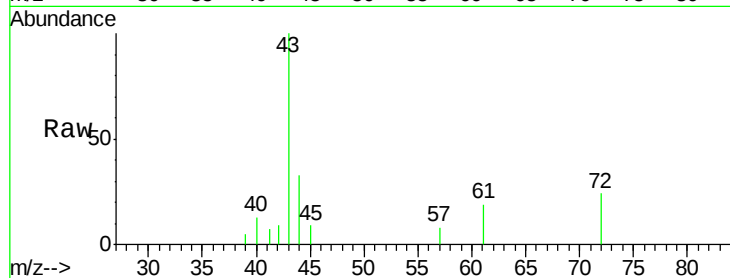
MH-1

Tot Ion: 43 Resp: 3386

Ion Ratio Lower Upper

43 100

72 25.5 18.5 27.7



#33

1,2-Dichloroethane-d4

Concen: 47.23 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003434.D

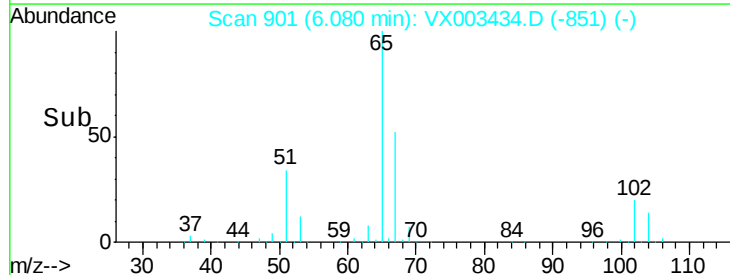
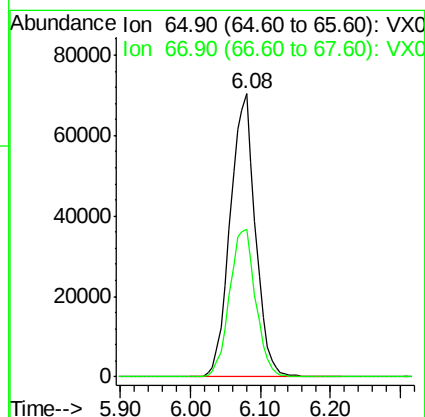
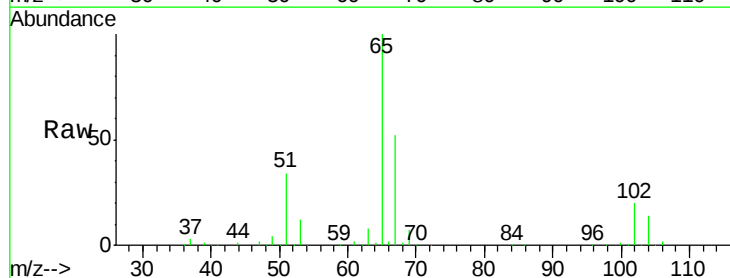
Acq: 17 Jul 2018 18:08

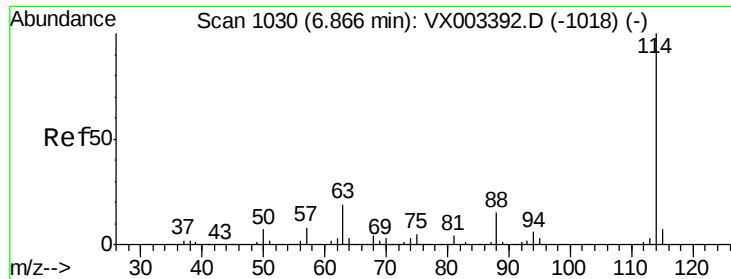
Tgt Ion: 65 Resp: 176074

Ion Ratio Lower Upper

65 100

67 54.2 0.0 102.6

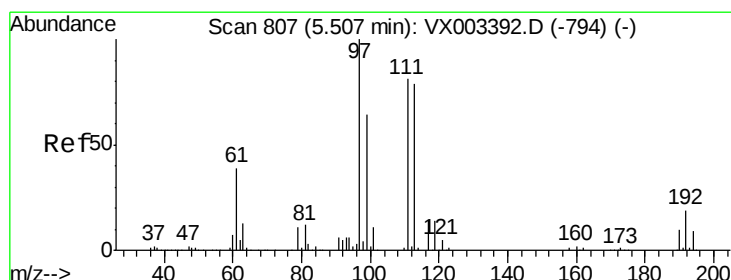
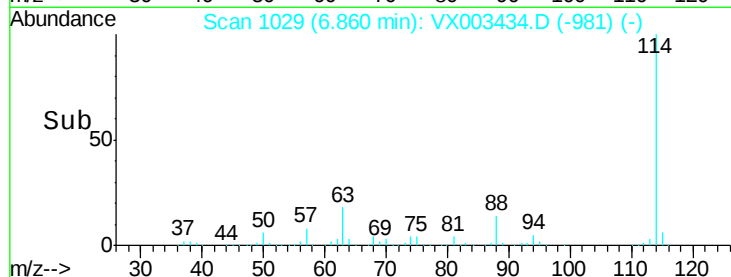
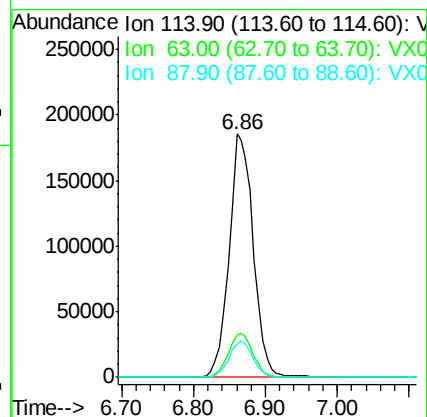
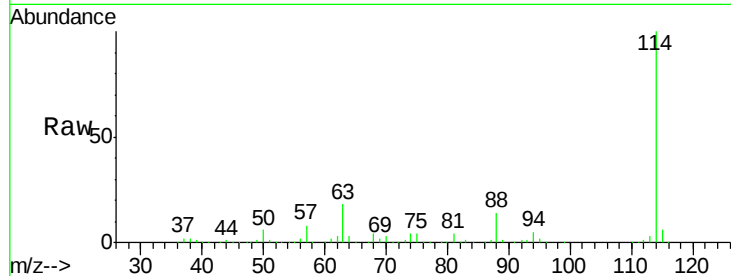




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003434.D
 Acq: 17 Jul 2018 18:08

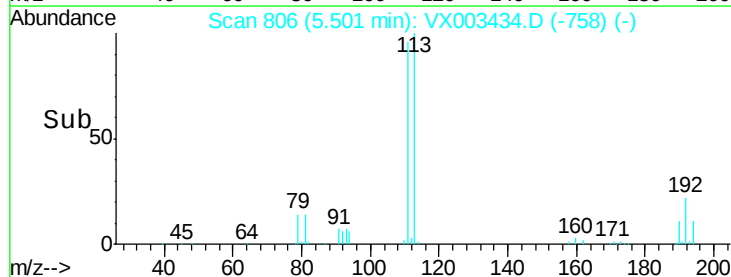
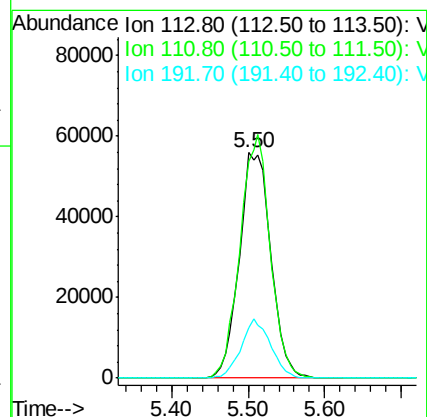
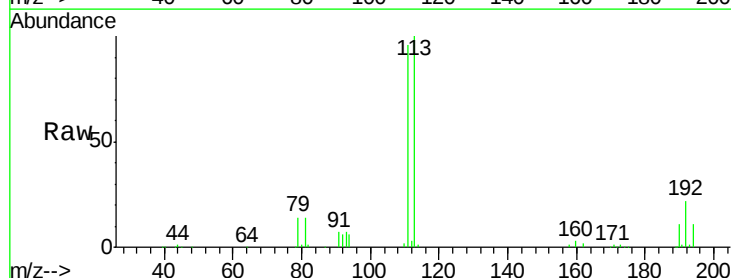
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

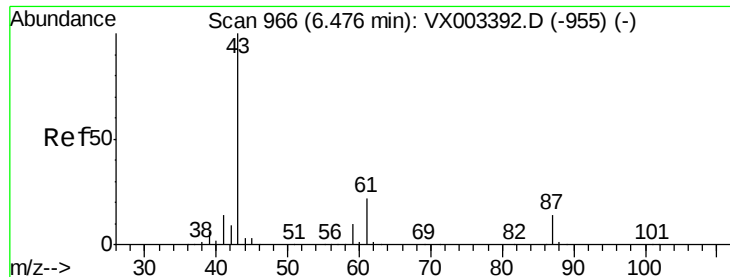
Tot Ion:114 Resp: 431382
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 41.4
 88 13.9 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 45.94 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003434.D
 Acq: 17 Jul 2018 18:08

Tgt Ion:113 Resp: 160336
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 24.4 19.1 28.7





#43

Isopropyl Acetate

Concen: 18.12 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

MH-1

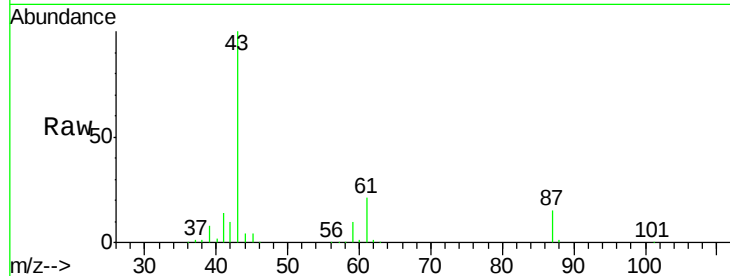
Tot Ion: 43 Resp: 134657

Ion Ratio Lower Upper

43 100

61 21.2 14.4 21.6

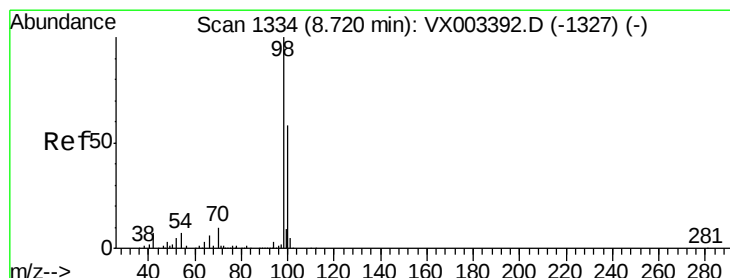
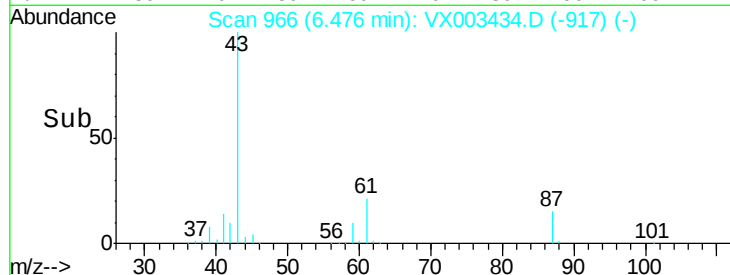
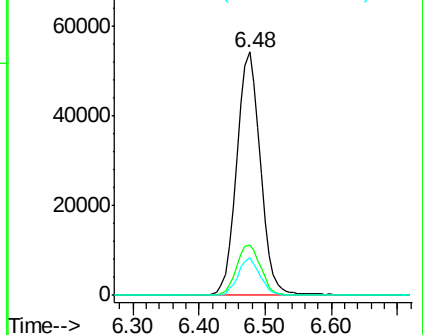
87 14.4 9.5 14.3#



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: 52.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003434.D

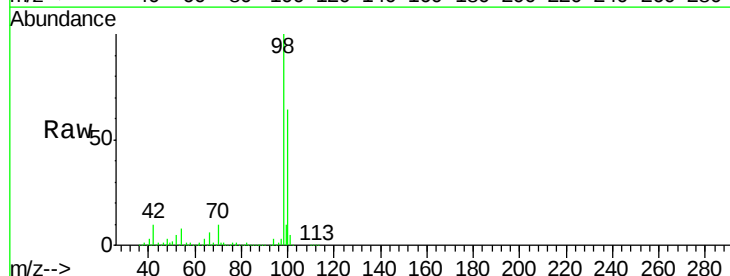
Acq: 17 Jul 2018 18:08

Tgt Ion: 98 Resp: 674639

Ion Ratio Lower Upper

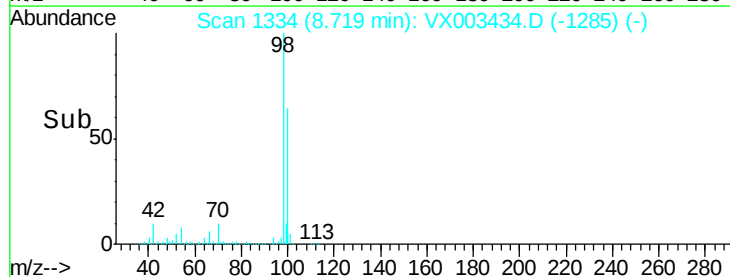
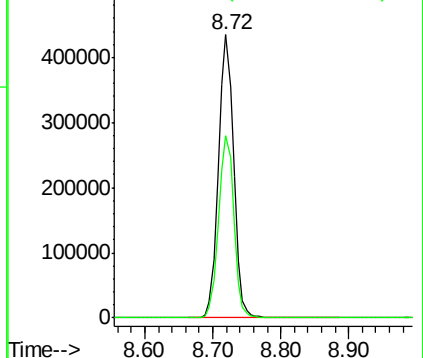
98 100

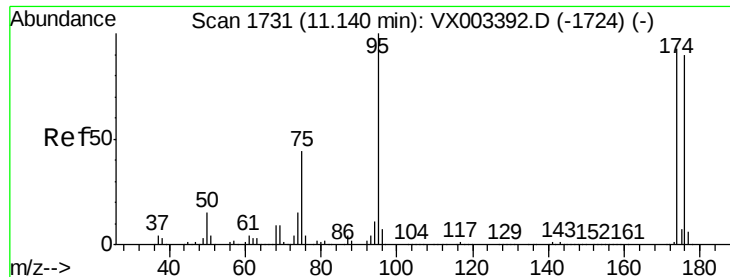
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

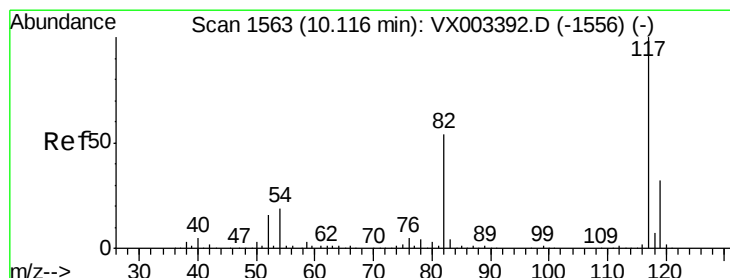
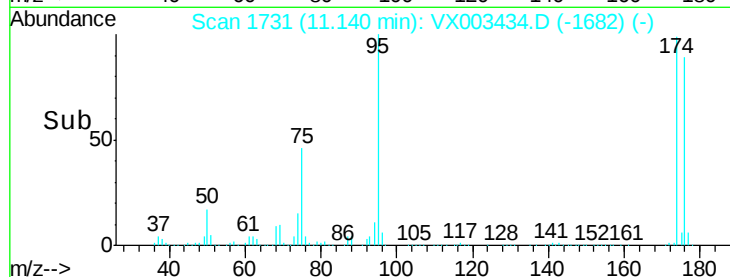
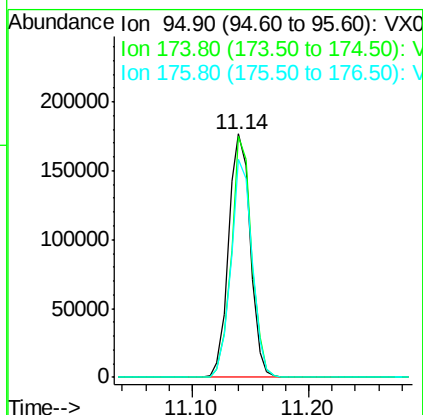
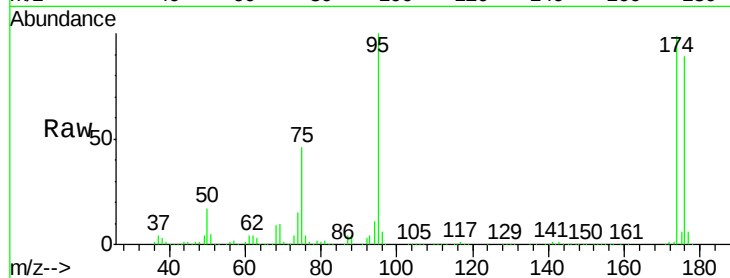




#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

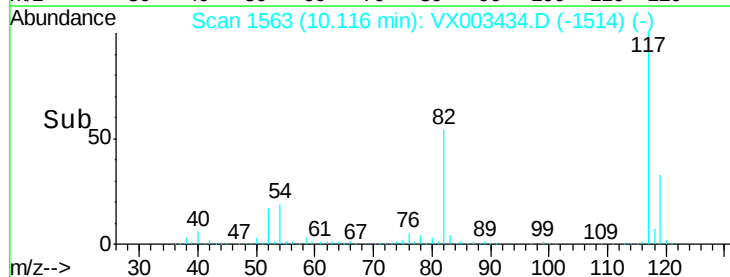
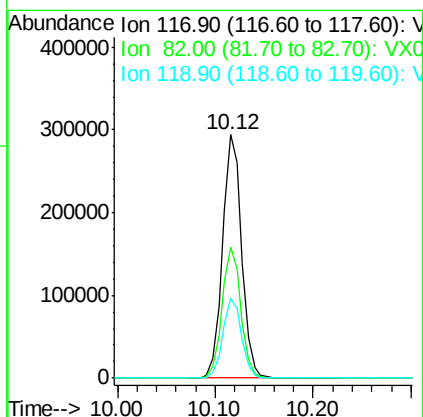
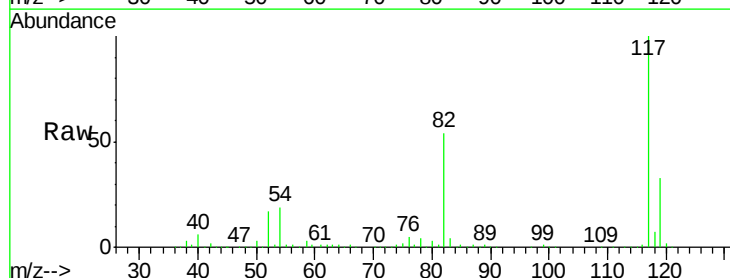
Instrument :
MSVOA_X
ClientSampleId :
MH-1

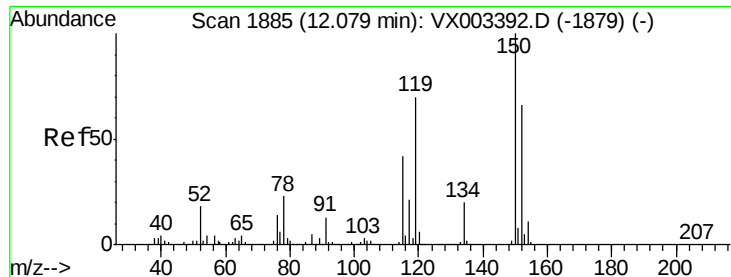
Tot Ion: 95 Resp: 229604
Ion Ratio Lower Upper
95 100
174 93.0 0.0 187.4
176 87.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 117 Resp: 396460
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.6 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: VX003434.D

Acq: 17 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

MH-1

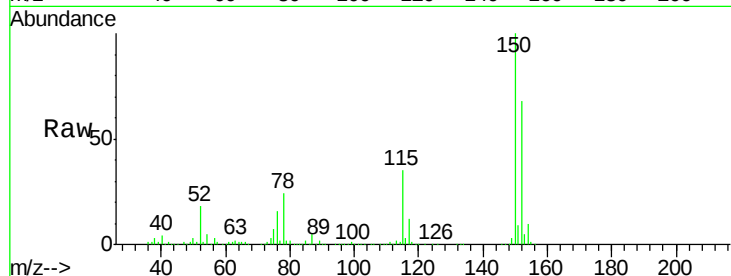
Tot Ion:152 Resp: 240316

Ion Ratio Lower Upper

152 100

115 52.7 40.1 120.2

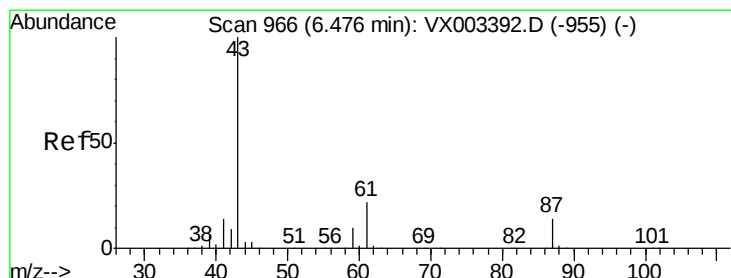
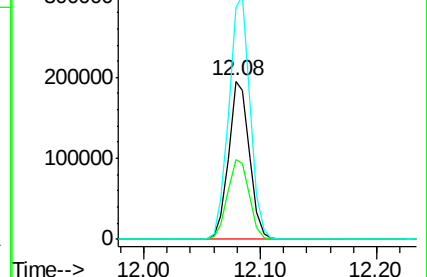
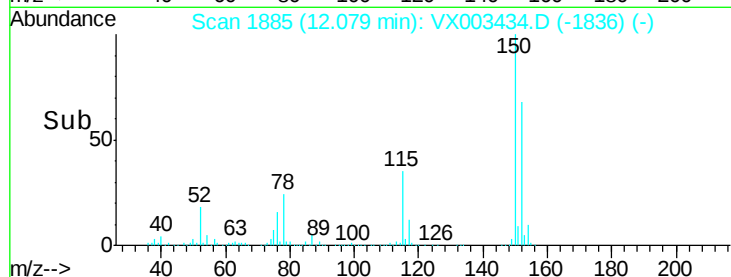
150 157.0 0.0 347.2



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



#74

N-ethyl acetate

Concen: 18.20 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003434.D

Acq: 17 Jul 2018 18:08

Tgt Ion: 43 Resp: 134657

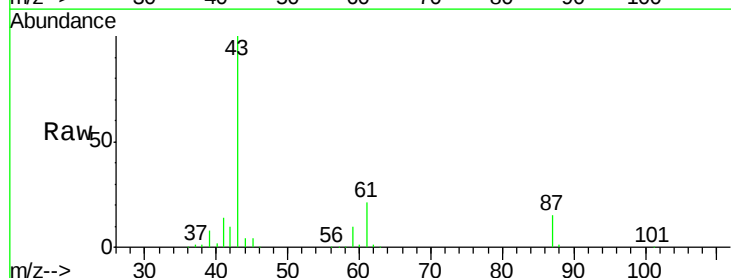
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.2 14.4 21.6

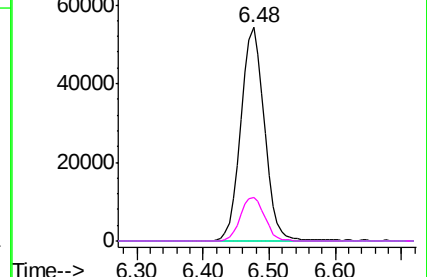
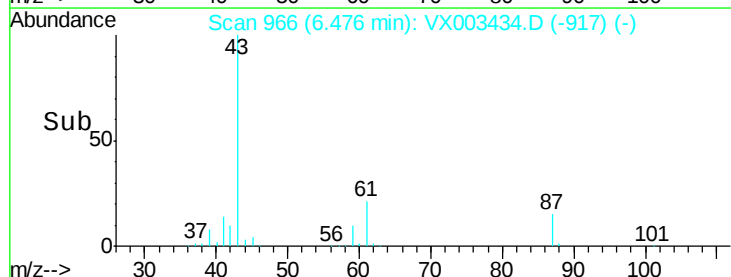


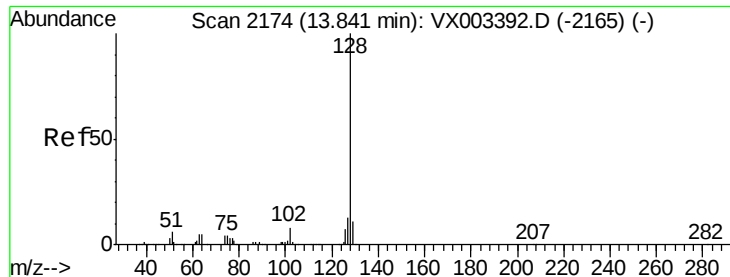
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

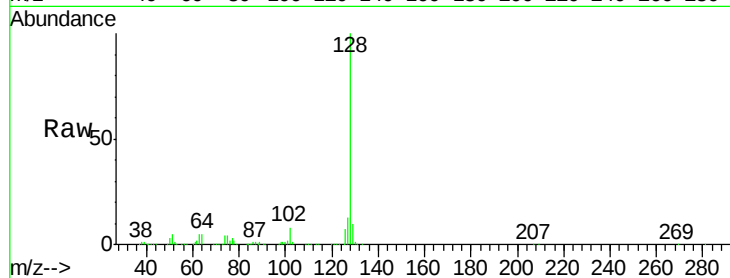




#95
Naphthalene
Concen: 11.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



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

