

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003429.D
 Acq On : 17 Jul 2018 15:54
 Operator : JC/MD
 Sample : J3997-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-H-D

Quant Time: Jul 18 01:27:39 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	261916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224311	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	174509	50.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	150146	46.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.94%	
50) Toluene-d8	8.72	98	643966	54.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	11.14	95	199338	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	

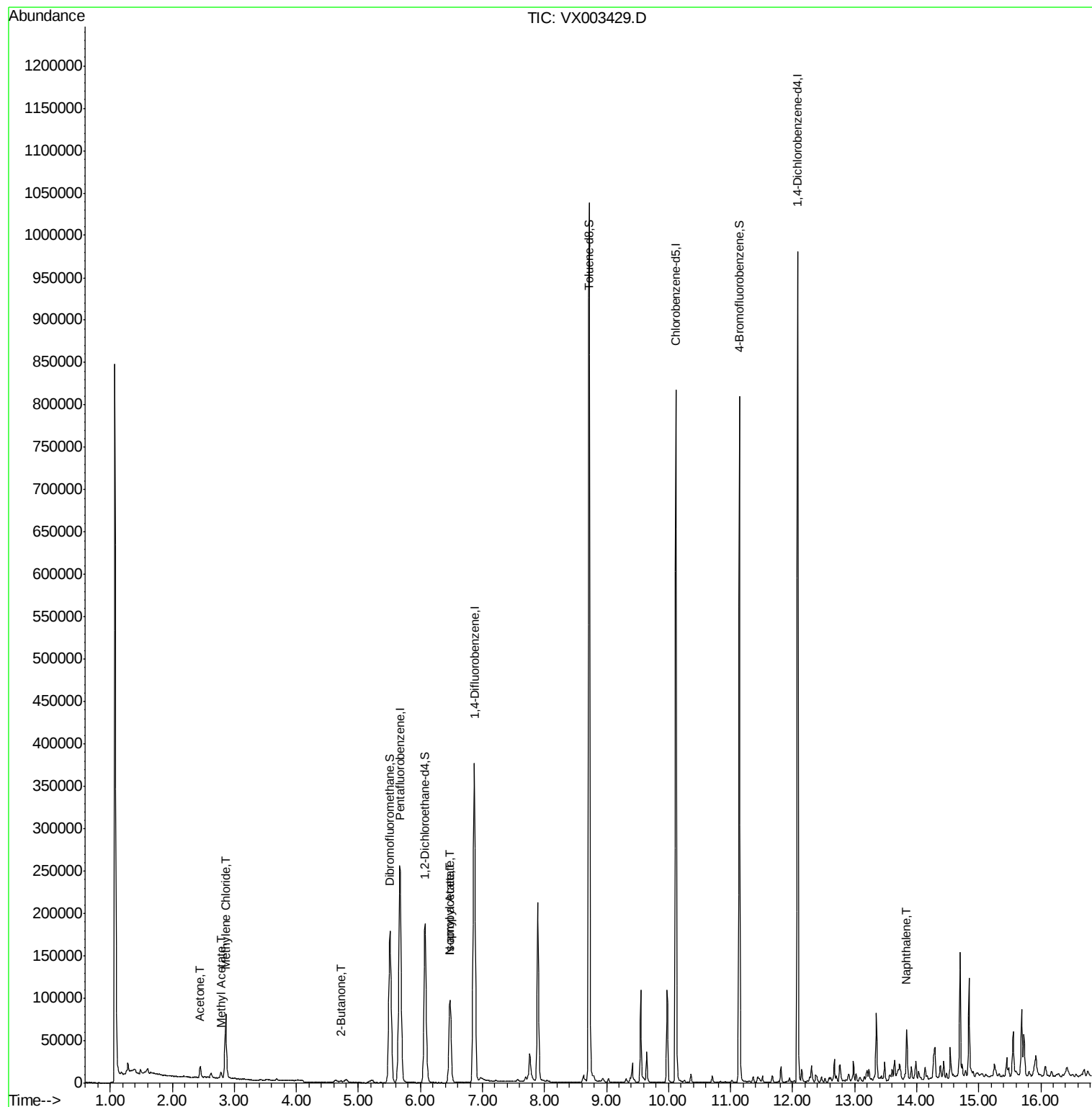
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	14748	10.34	ug/l #	88
18) Methyl Acetate	2.78	43	8819	1.90	ug/l	94
20) Methylene Chloride	2.86	84	37024	12.37	ug/l	92
25) 2-Butanone	4.72	43	4067	1.82	ug/l	95
43) Isopropyl Acetate	6.48	43	129676	19.06	ug/l	94
74) N-amyl acetate	6.48	43	129676	18.77	ug/l #	94
95) Naphthalene	13.83	128	38873	2.64	ug/l	98

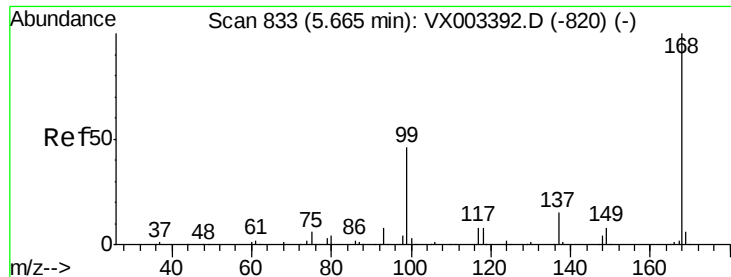
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Quant Time: Jul 18 01:27:39 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003429.D

Acq: 17 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

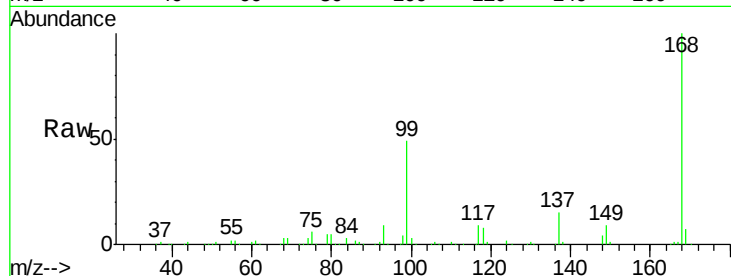
TP-H-D

Tot Ion:168 Resp: 261916

Ion Ratio Lower Upper

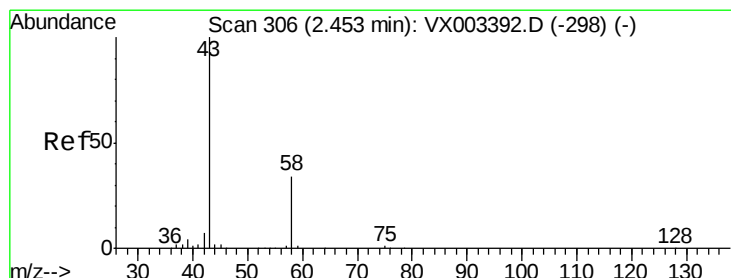
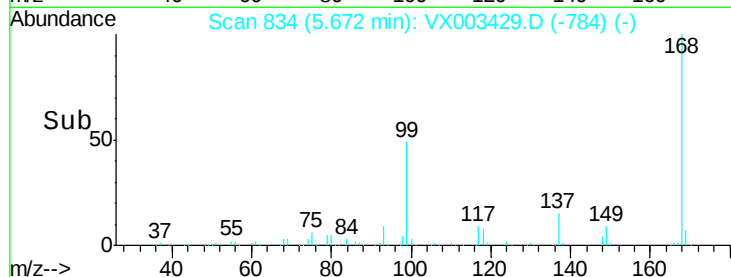
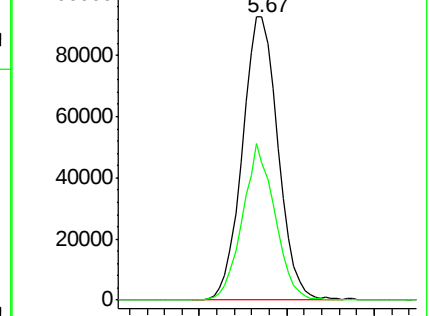
168 100

99 48.7 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: 10.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003429.D

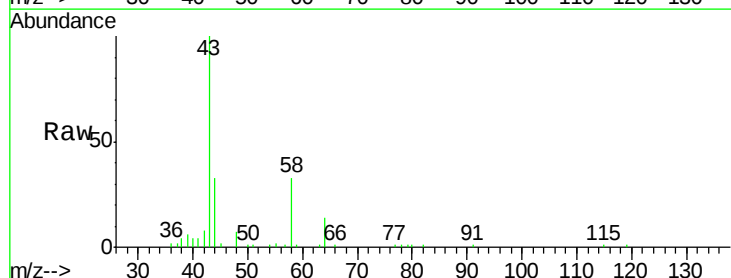
Acq: 17 Jul 2018 15:54

Tgt Ion: 43 Resp: 14748

Ion Ratio Lower Upper

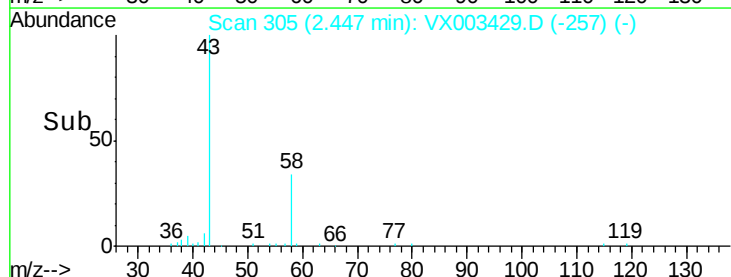
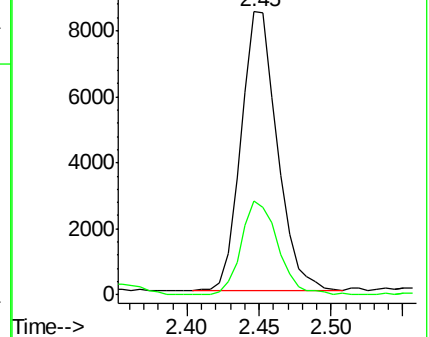
43 100

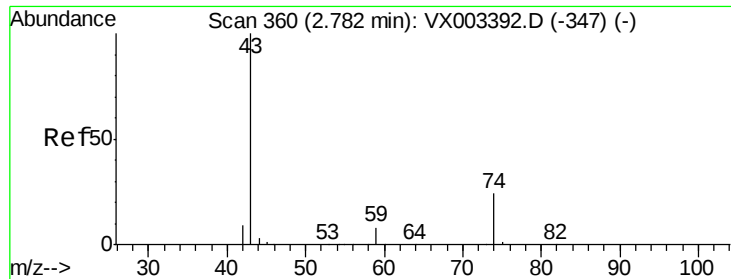
58 33.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

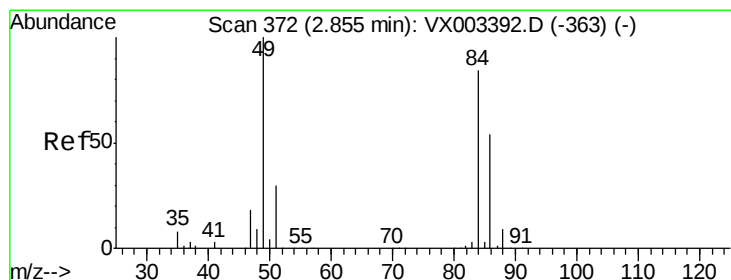
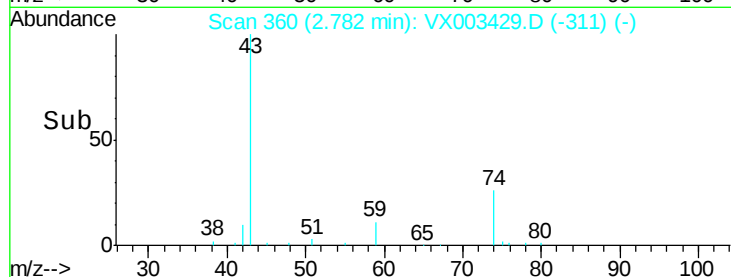
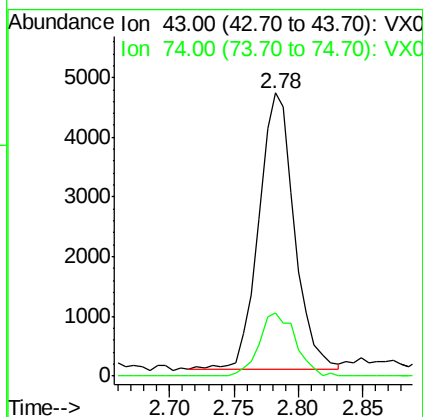
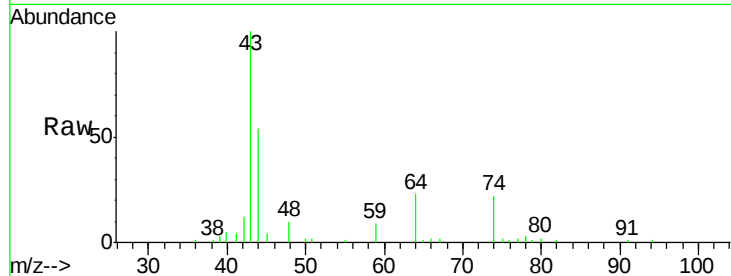




#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

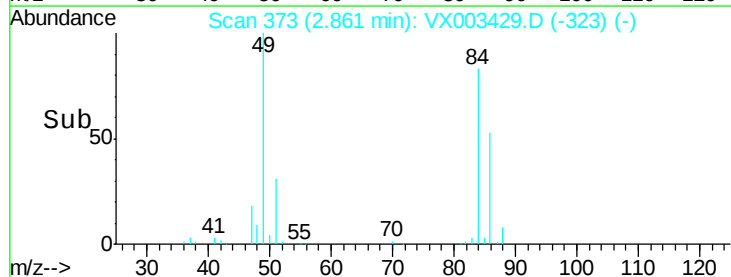
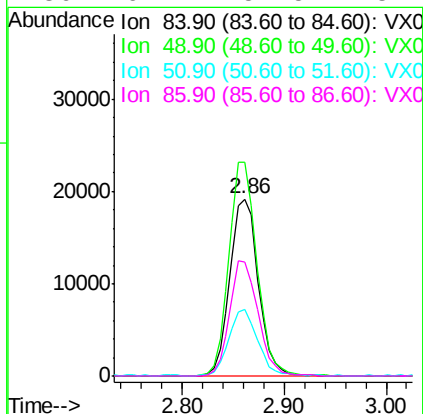
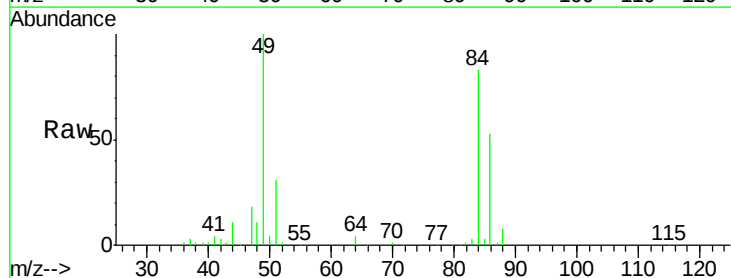
Instrument :
MSVOA_X
ClientSampled :
TP-H-D

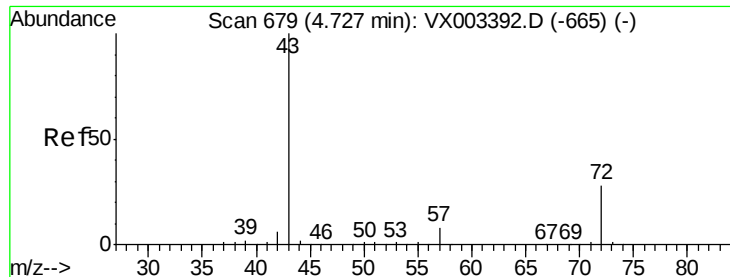
Tot Ion: 43 Resp: 8819
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1



#20
Methylene Chloride
Concen: 12.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 84 Resp: 37024
Ion Ratio Lower Upper
84 100
49 120.5 107.8 161.6
51 37.4 32.8 49.2
86 64.2 52.5 78.7





#25

2-Butanone

Concen: 1.82 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX003429.D

Acq: 17 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampled :

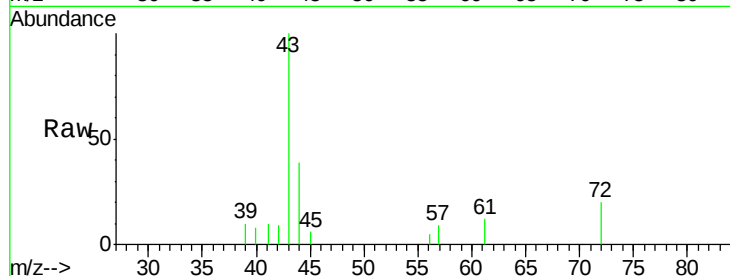
TP-H-D

Tot Ion: 43 Resp: 4067

Ion Ratio Lower Upper

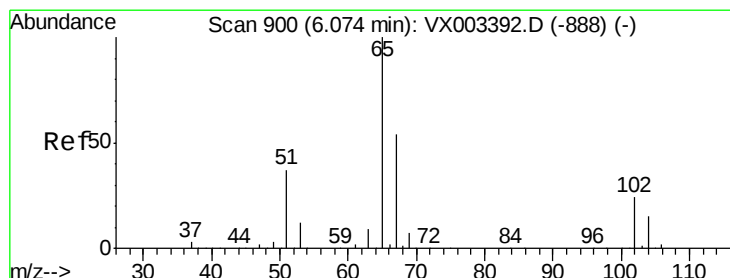
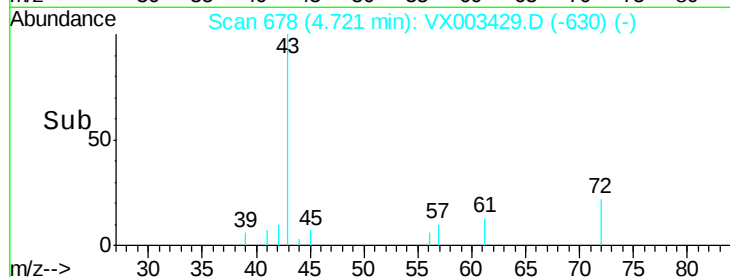
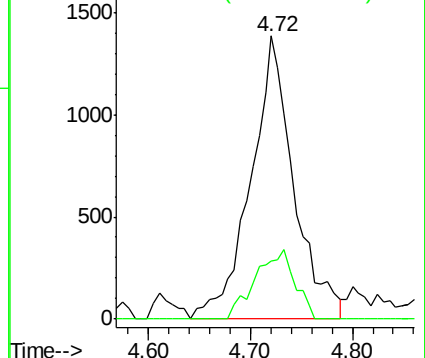
43 100

72 20.4 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: 50.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003429.D

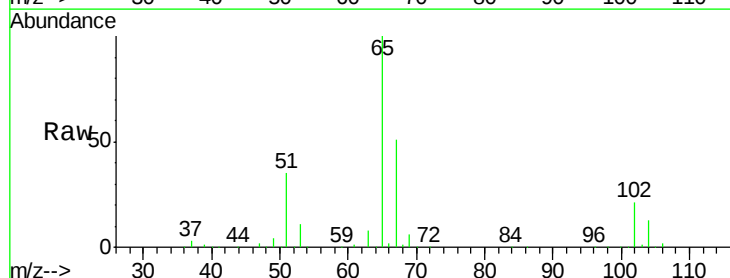
Acq: 17 Jul 2018 15:54

Tgt Ion: 65 Resp: 174509

Ion Ratio Lower Upper

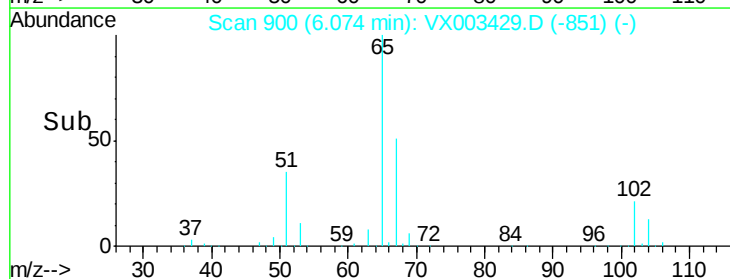
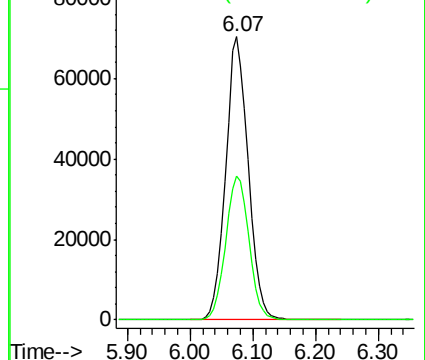
65 100

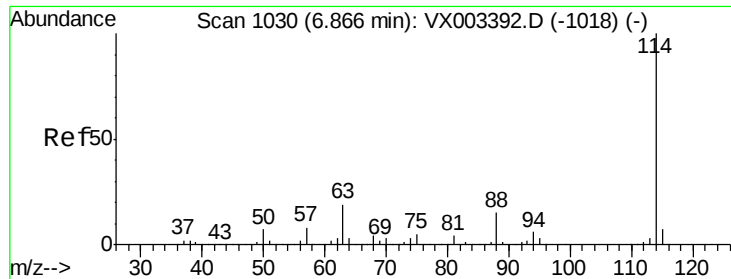
67 52.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

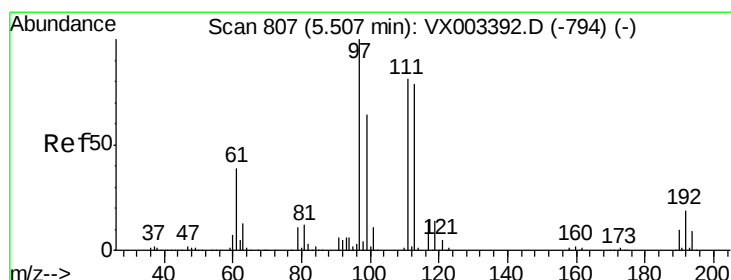
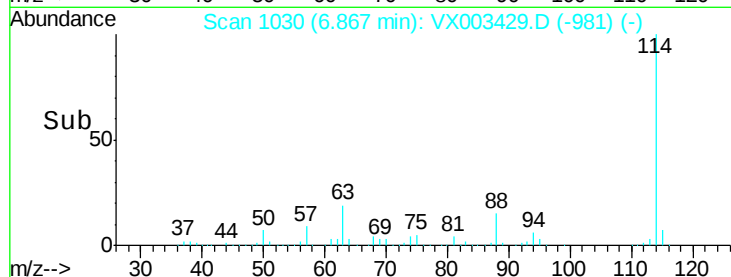
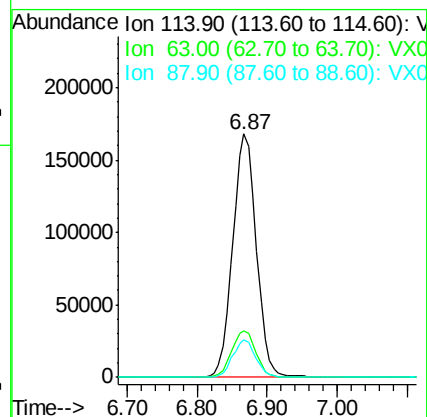
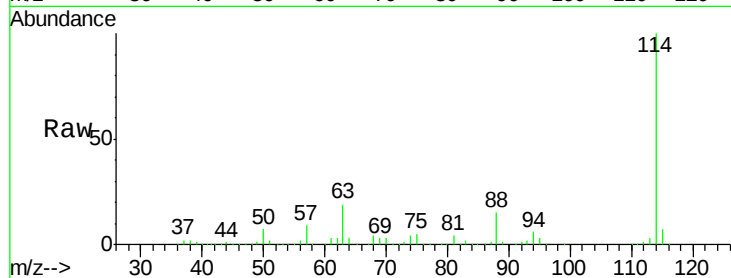




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003429.D
 Acq: 17 Jul 2018 15:54

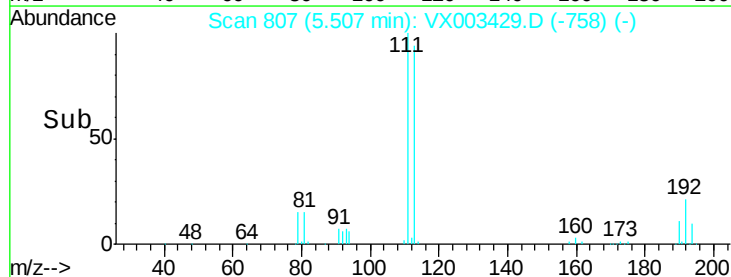
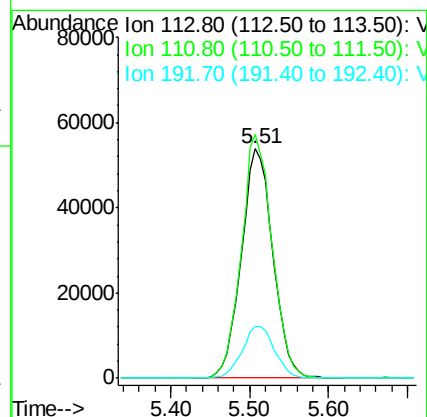
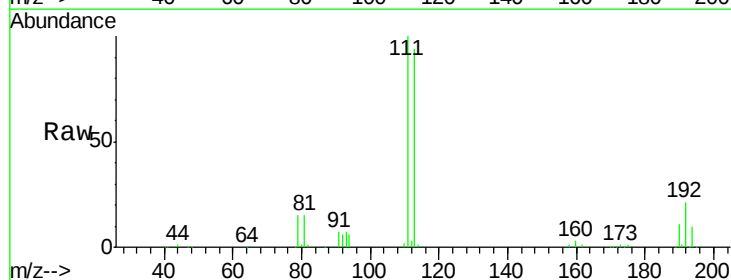
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-H-D

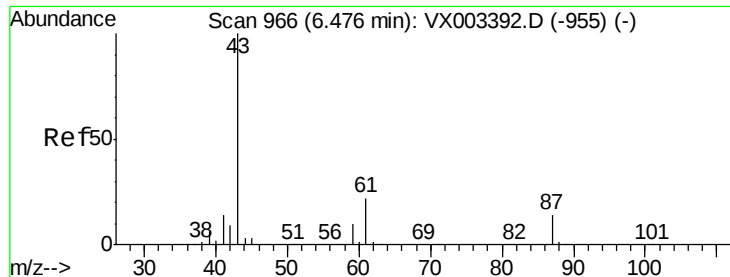
Tot Ion:114 Resp: 395120
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.2 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 46.97 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003429.D
 Acq: 17 Jul 2018 15:54

Tgt Ion:113 Resp: 150146
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.0
 192 23.1 19.1 28.7



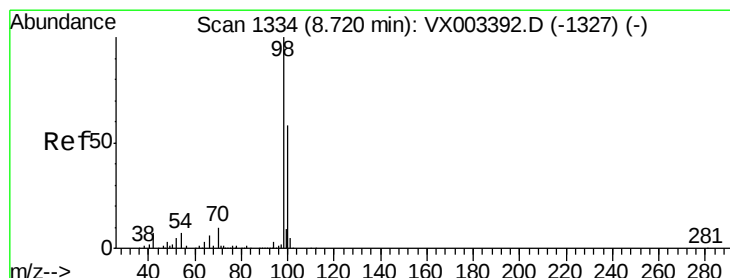
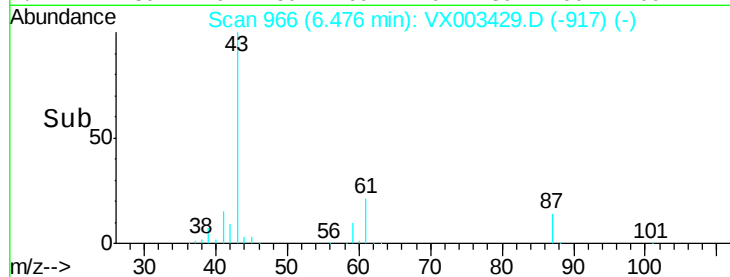
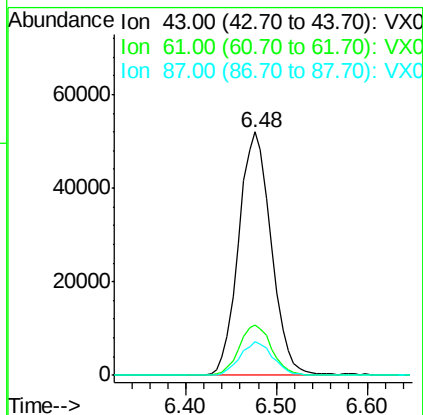
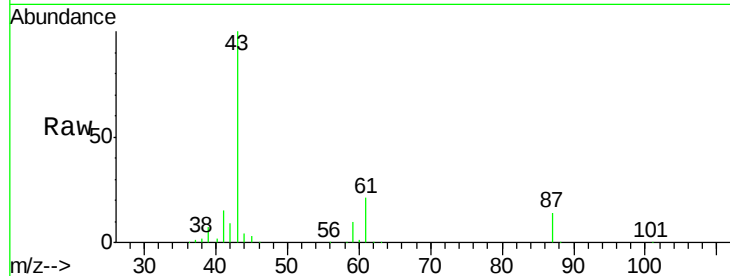


#43

Isopropyl Acetate
 Concen: 19.06 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003429.D
 Acq: 17 Jul 2018 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-H-D

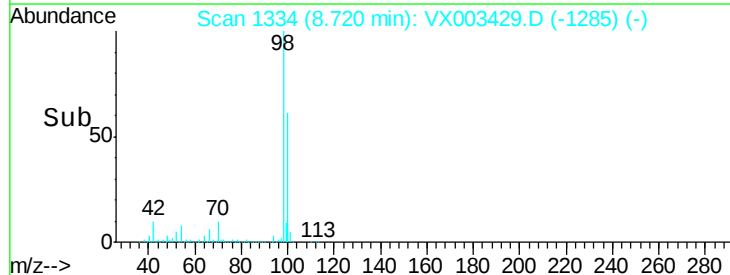
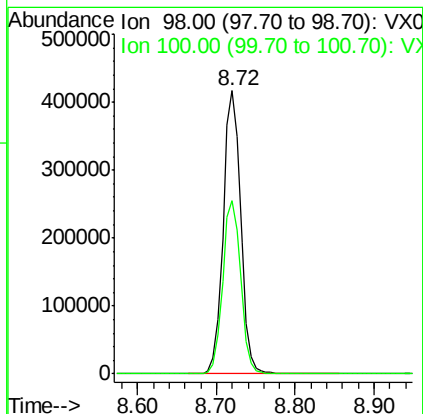
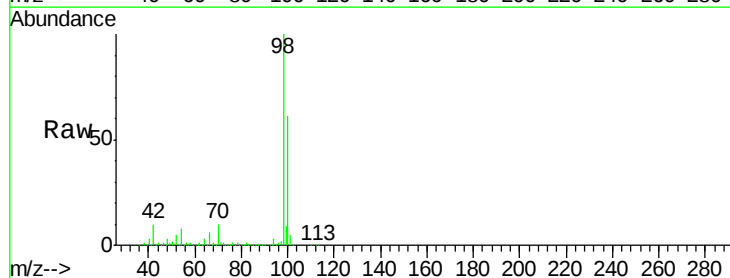
Tot Ion	43	Resp	129676
Ion Ratio	Lower	Upper	
43	100		
61	20.6	14.4	21.6
87	13.9	9.5	14.3

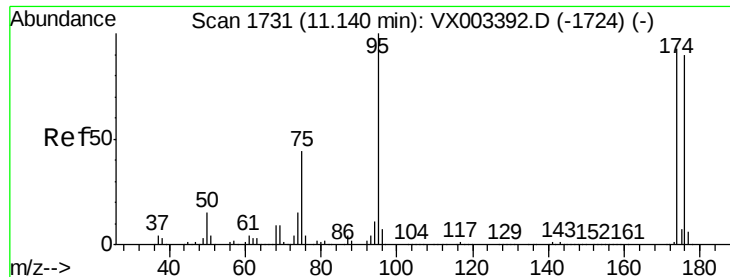


#50

Toluene-d8
 Concen: 54.58 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003429.D
 Acq: 17 Jul 2018 15:54

Tgt Ion	98	Resp	643966
Ion Ratio	Lower	Upper	
98	100		
100	62.8	50.9	76.3

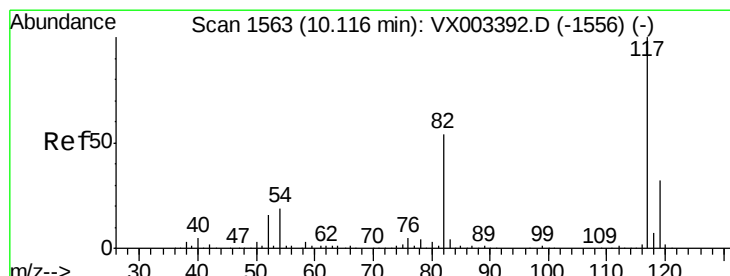
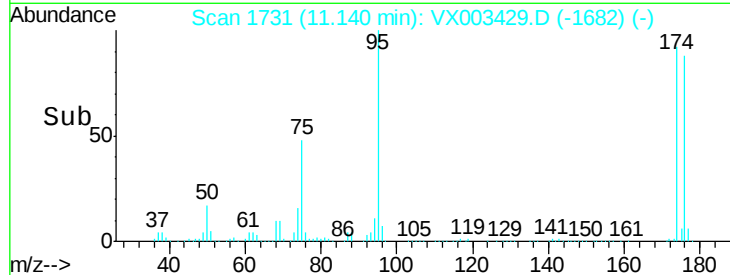
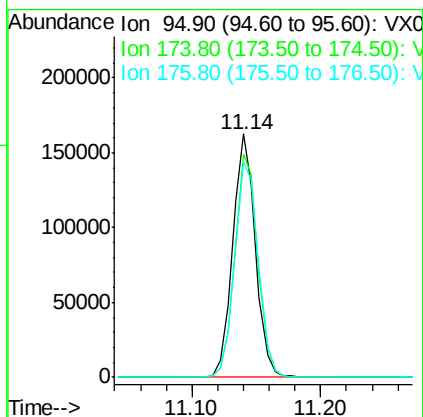
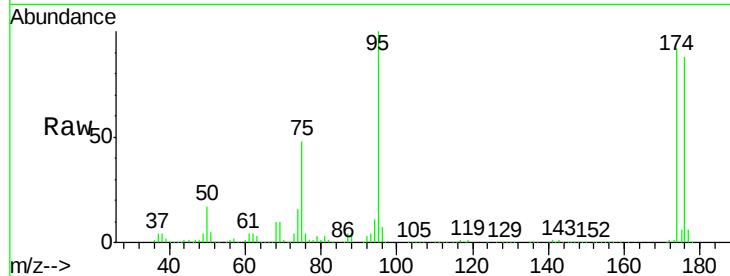




#62
4-Bromofluorobenzene
Concen: 47.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

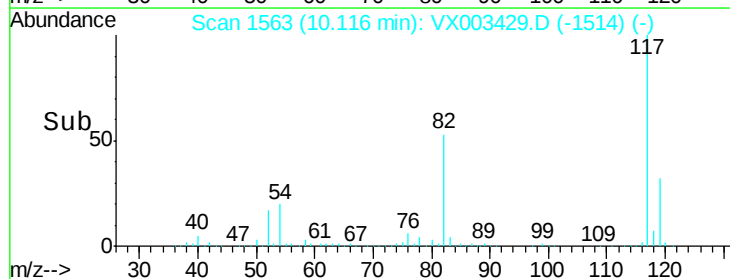
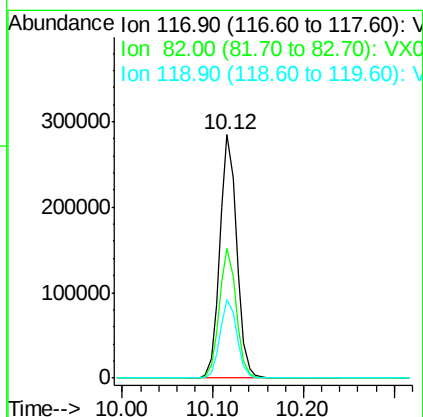
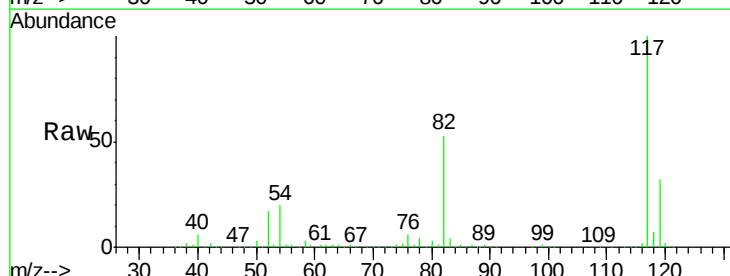
Instrument :
MSVOA_X
ClientSampled :
TP-H-D

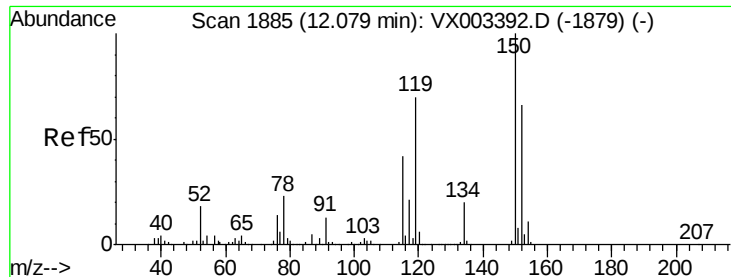
Tot Ion: 95 Resp: 199338
Ion Ratio Lower Upper
95 100
174 93.5 0.0 187.4
176 92.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Tgt Ion: 117 Resp: 371918
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003429.D

Acq: 17 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

TP-H-D

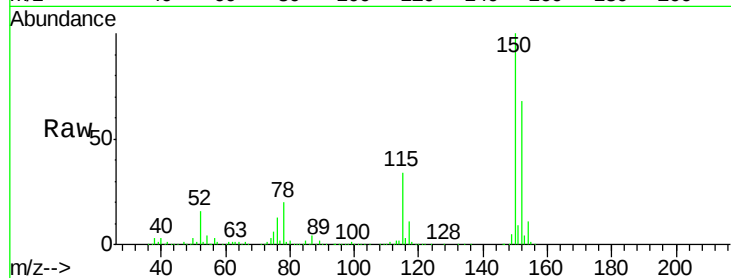
Tot Ion:152 Resp: 224311

Ion Ratio Lower Upper

152 100

115 53.1 40.1 120.2

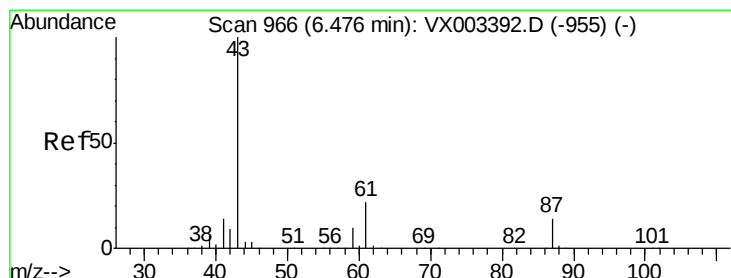
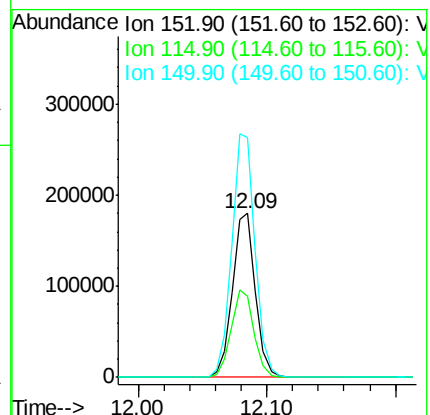
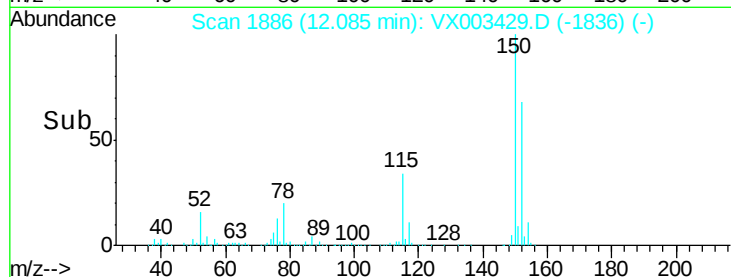
150 151.1 0.0 347.2



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: 18.77 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003429.D

Acq: 17 Jul 2018 15:54

Tgt Ion: 43 Resp: 129676

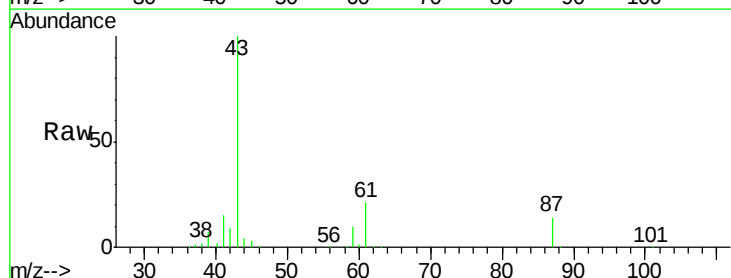
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.6 14.4 21.6

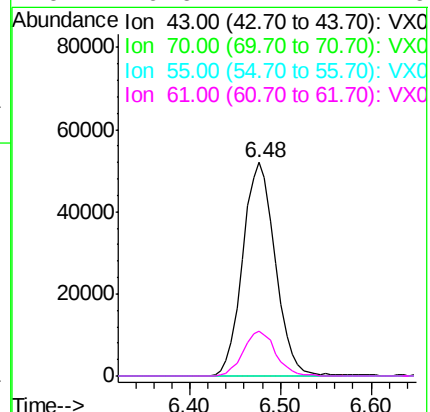
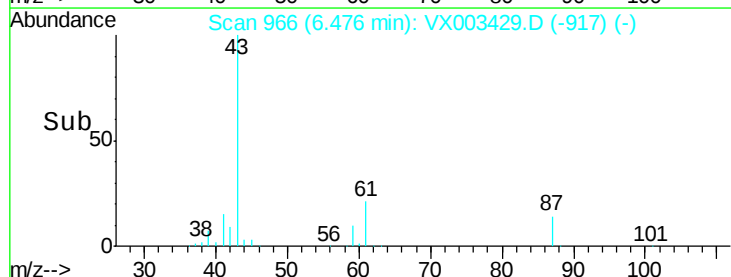


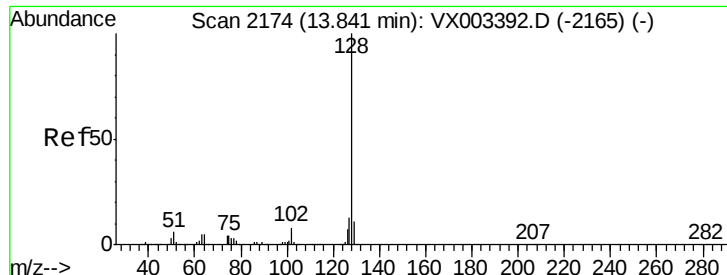
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

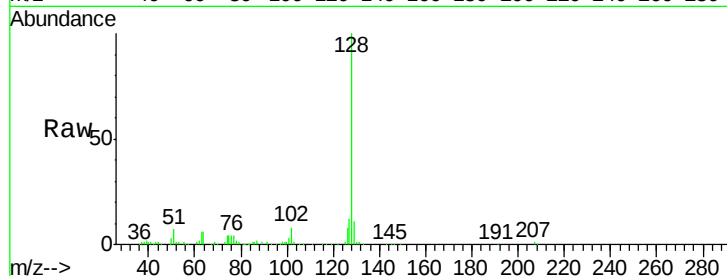




#95
Naphthalene
Concen: 2.64 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003429.D
Acq: 17 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
TP-H-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.0	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

