

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003856.D
 Acq On : 03 Aug 2018 18:41
 Operator : JC/MD
 Sample : J4316-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

Quant Time: Aug 04 00:57:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

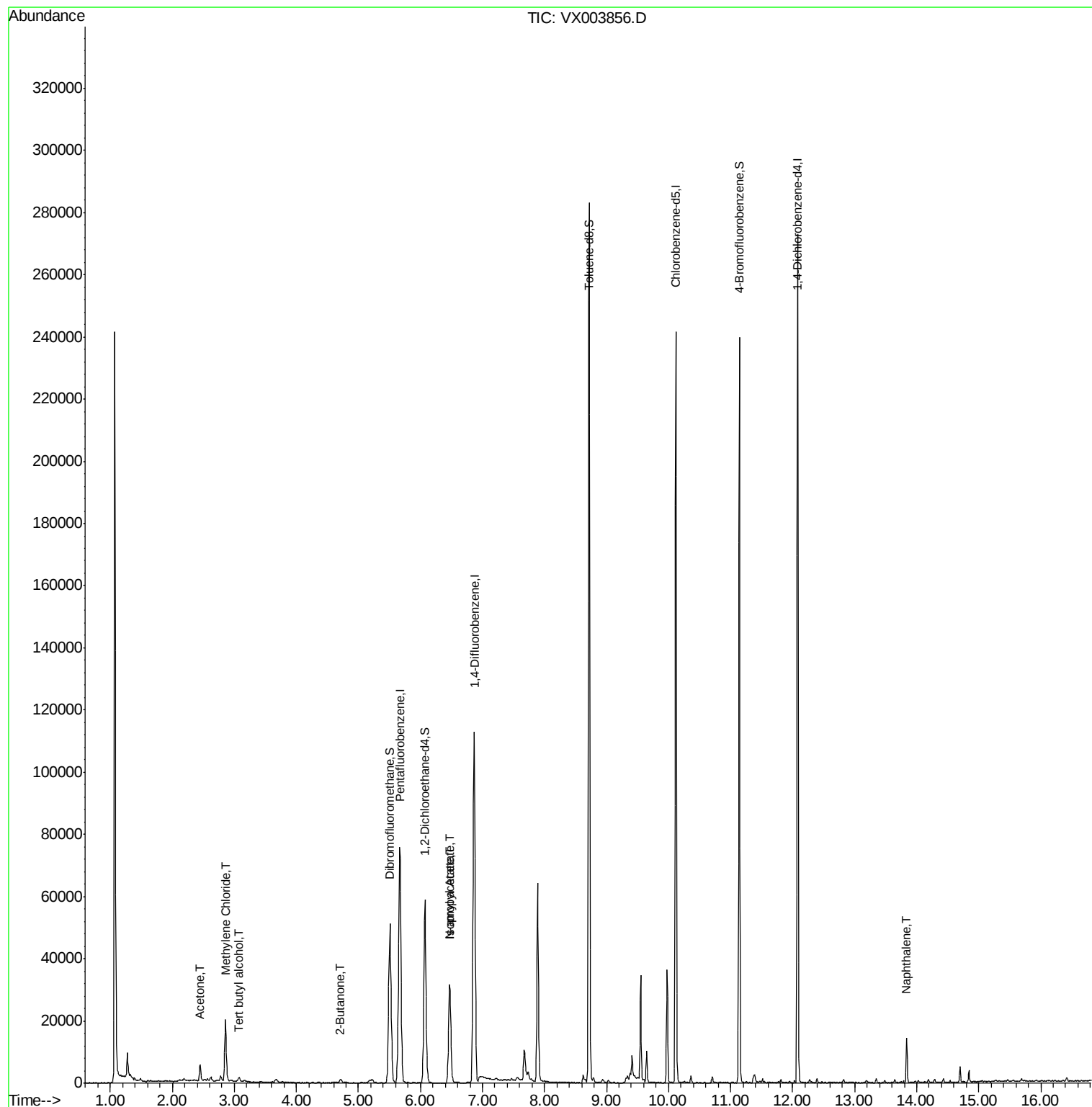
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	79209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	116901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	51923	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	5.51	113	43039	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	8.72	98	168292	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.14	95	58387	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	1661	7.34	ug/l	96
16) Acetone	2.45	43	5763	10.49	ug/l	97
20) Methylene Chloride	2.86	84	9498	9.82	ug/l	98
25) 2-Butanone	4.71	43	2147	2.30	ug/l	99
43) Isopropyl Acetate	6.47	43	42030	19.21	ug/l	99
74) N-amyl acetate	6.47	43	42030	21.78	ug/l #	100
95) Naphthalene	13.83	128	9586	2.20	ug/l	99

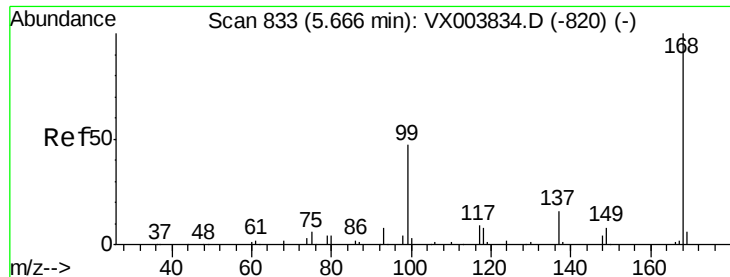
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080518\
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T40-STONE-1

Quant Time: Aug 04 00:57:05 2018
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Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:55:28 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: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

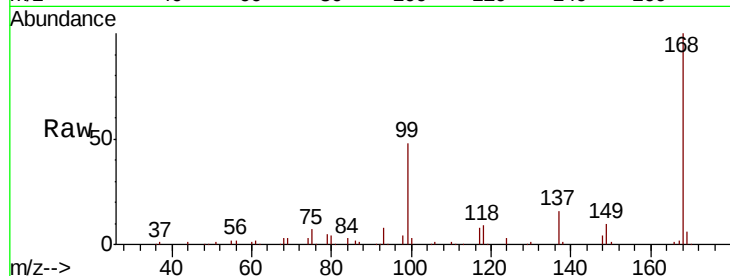
T40-STONE-1

Tot Ion:168 Resp: 79209

Ion Ratio Lower Upper

168 100

99 48.1 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

30000

25000

20000

15000

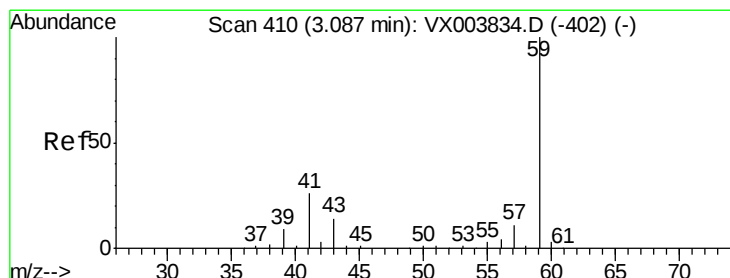
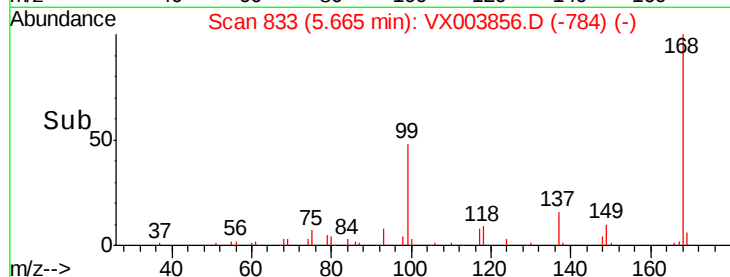
10000

5000

0

Time-->

5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 7.34 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003856.D

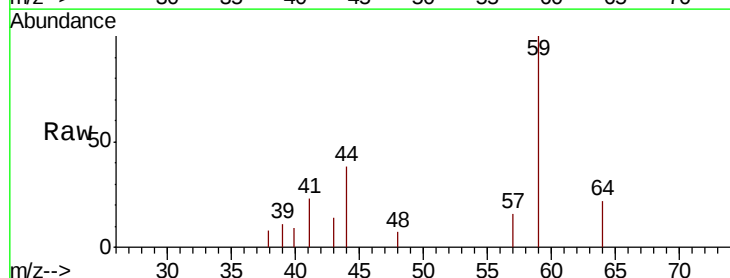
Acq: 03 Aug 2018 18:41

Tgt Ion: 59 Resp: 1661

Ion Ratio Lower Upper

59 100

57 8.7 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

800

600

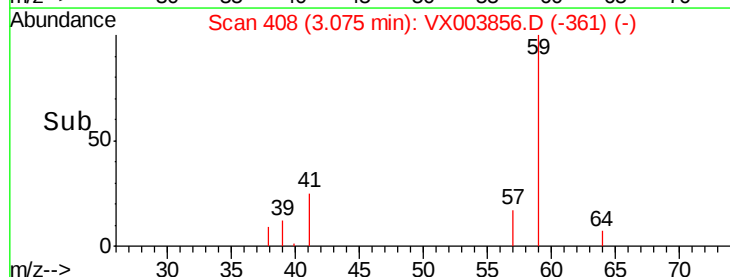
400

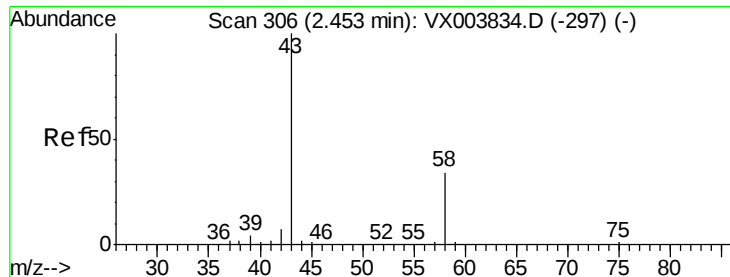
200

0

Time-->

3.00 3.05 3.10





#16

Acetone

Concen: 10.49 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

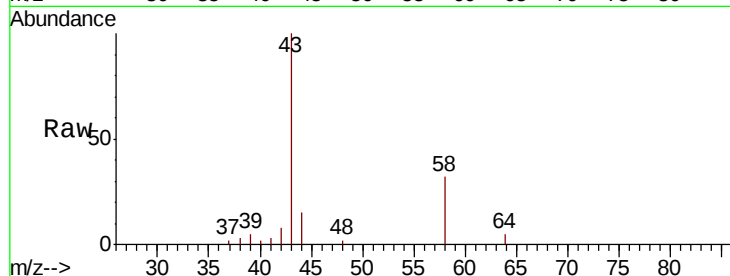
T40-STONE-1

Tot Ion: 43 Resp: 5763

Ion Ratio Lower Upper

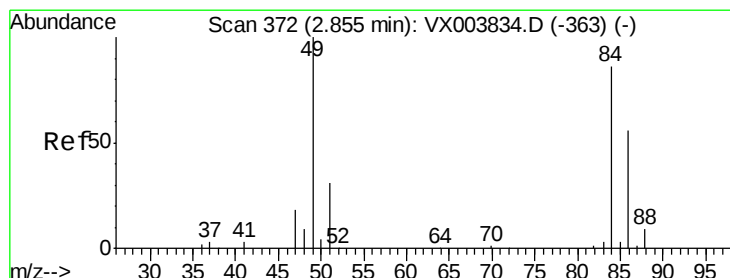
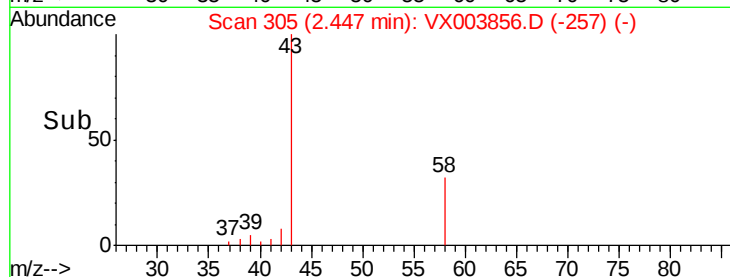
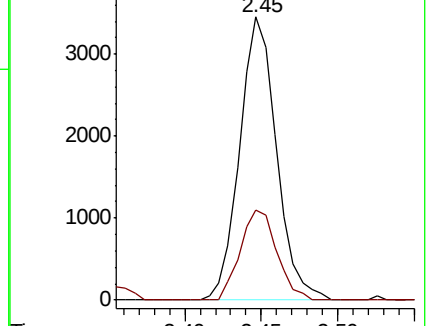
43 100

58 32.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 9.82 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Tgt Ion: 84 Resp: 9498

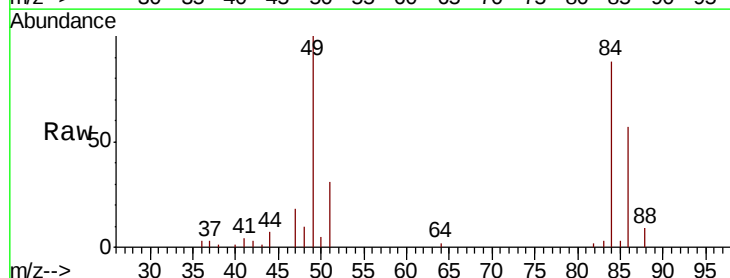
Ion Ratio Lower Upper

84 100

49 114.2 93.2 139.8

51 35.7 29.2 43.8

86 64.5 52.0 78.0

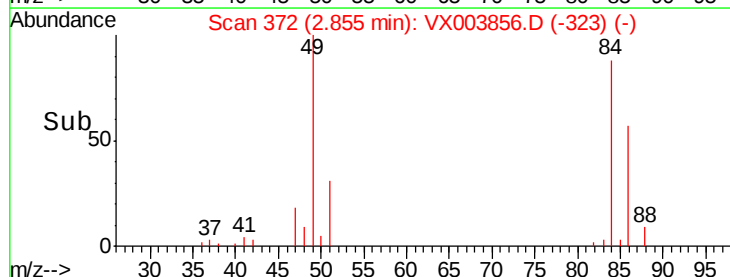
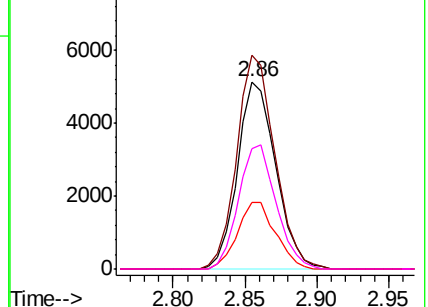


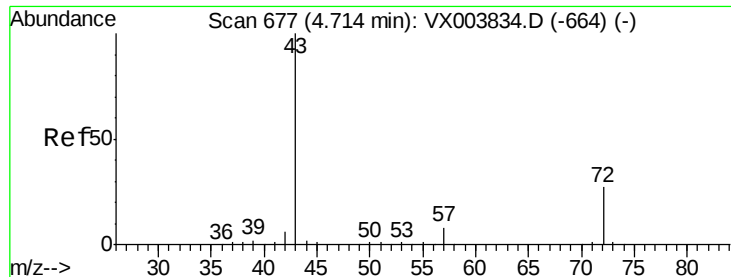
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 2.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

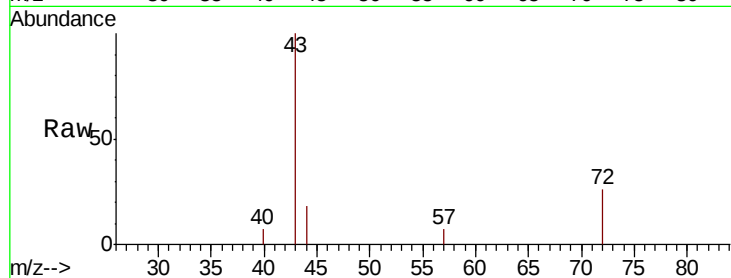
T40-STONE-1

Tot Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

72 26.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800

600

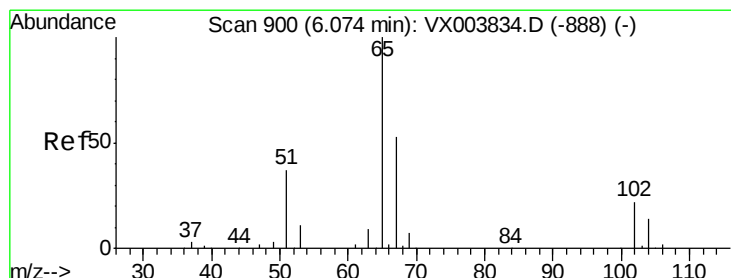
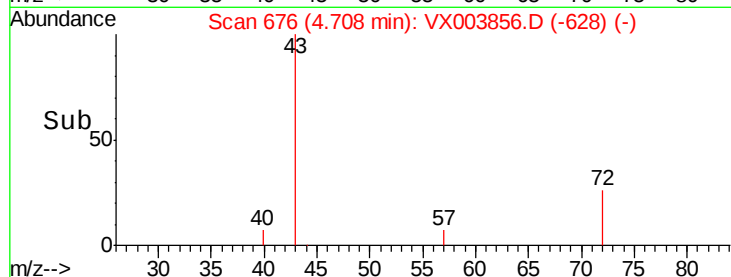
400

200

0

Time-->

4.60 4.65 4.70 4.75 4.80



#33

1,2-Dichloroethane-d4

Concen: 49.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003856.D

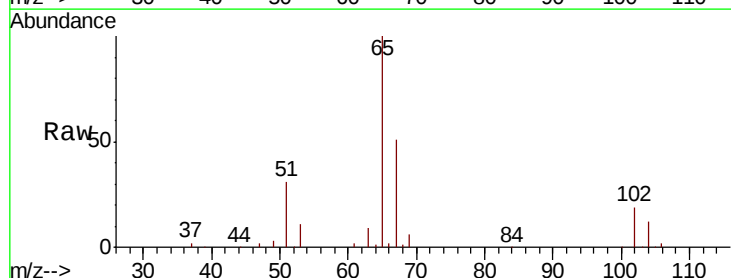
Acq: 03 Aug 2018 18:41

Tgt Ion: 65 Resp: 51923

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

25000

20000

15000

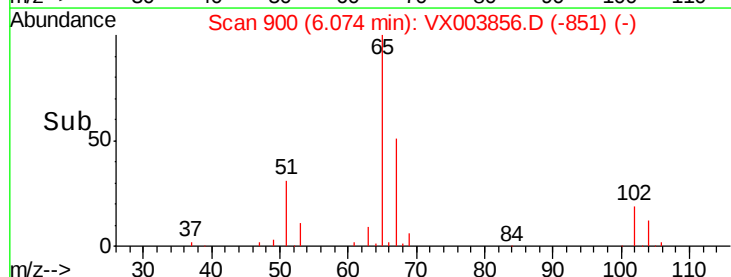
10000

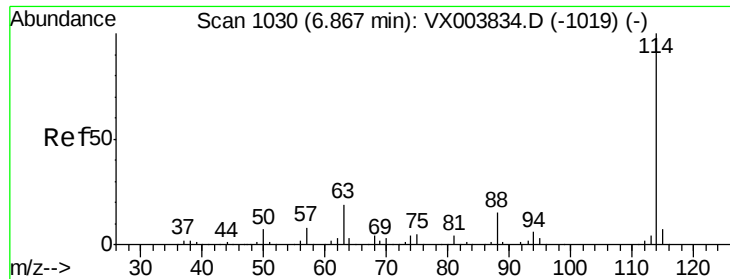
5000

0

Time-->

6.00 6.10 6.20

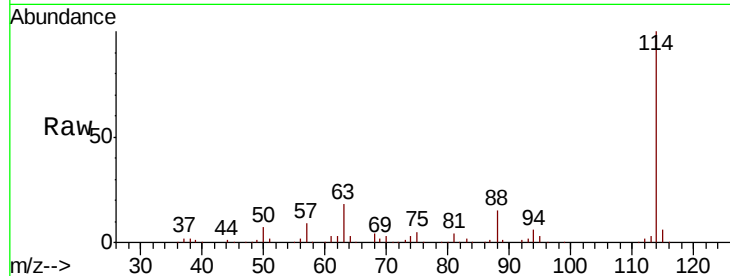




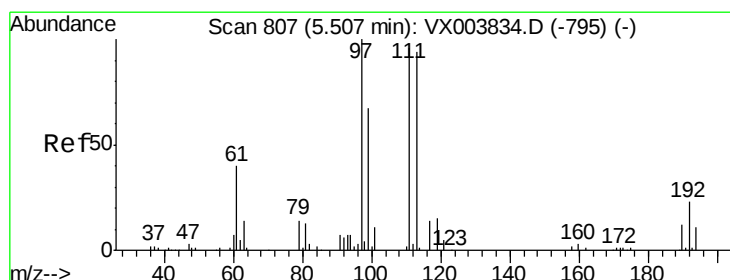
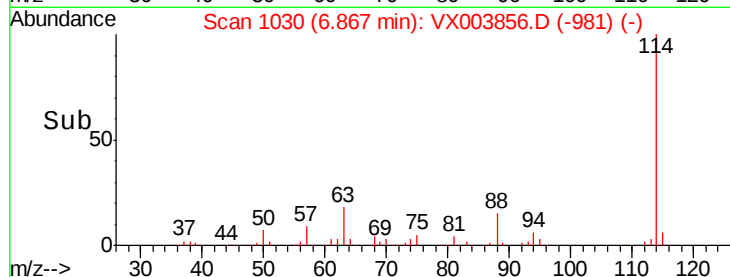
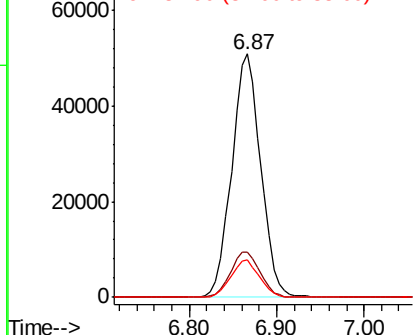
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T40-STONE-1

Tot Ion:114 Resp: 116901
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.2
 88 15.2 0.0 29.6

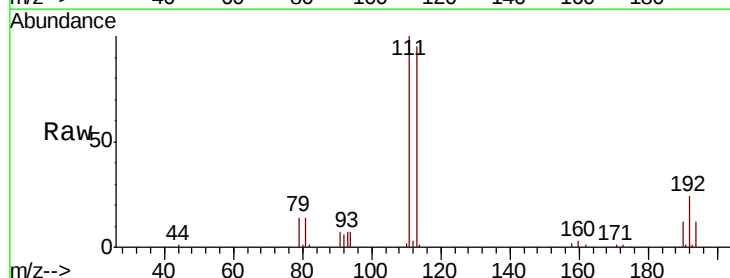


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

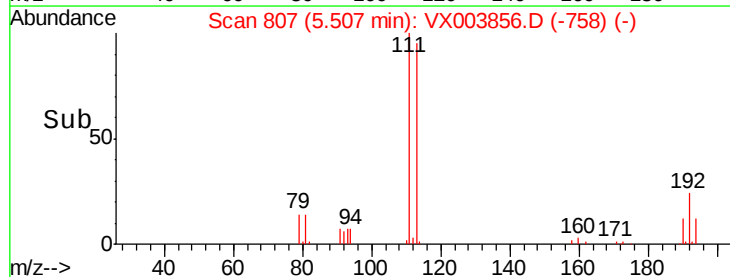
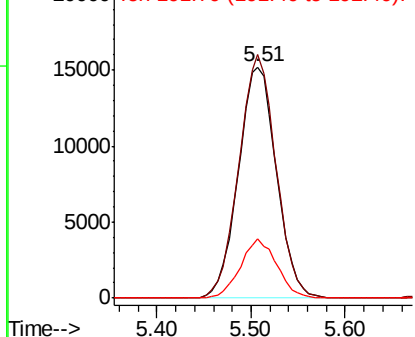


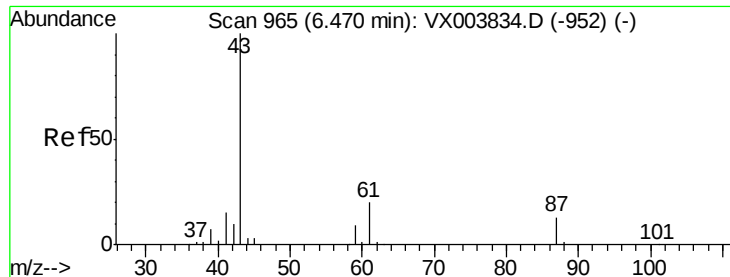
#35
 Dibromofluoromethane
 Concen: 46.86 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion:113 Resp: 43039
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 24.5 19.7 29.5



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



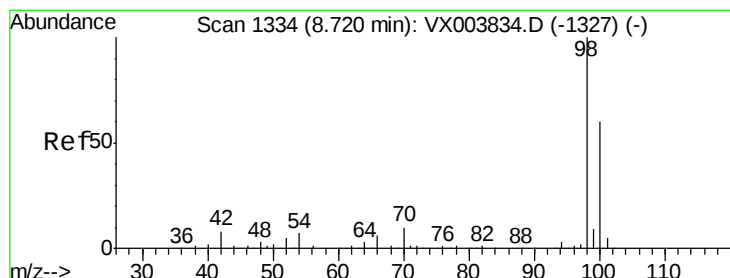
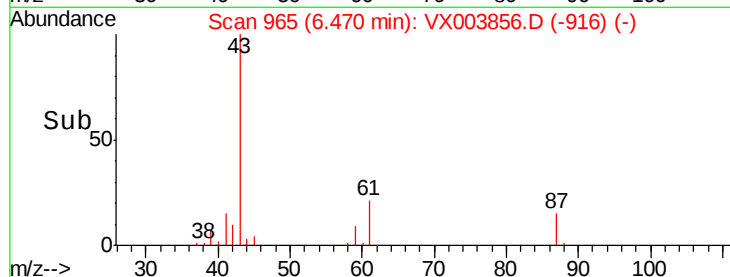
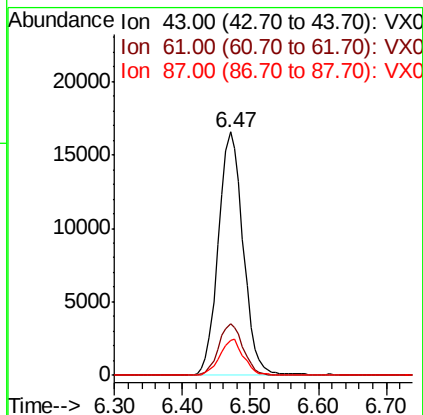
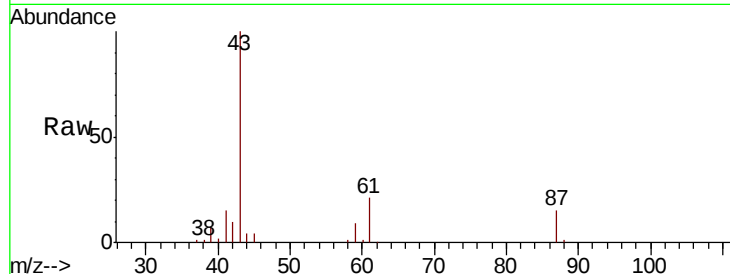


#43

Isopropyl Acetate
 Concen: 19.21 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Instrument :
 MSVOA_X
 ClientSampled :
 T40-STONE-1

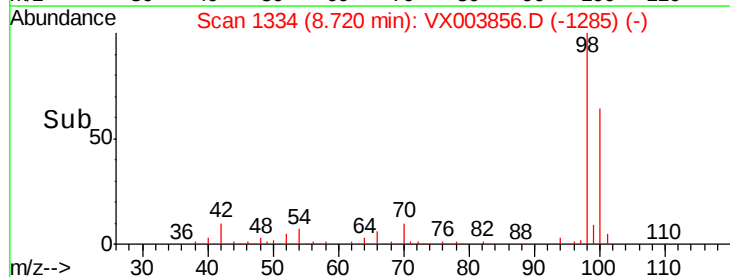
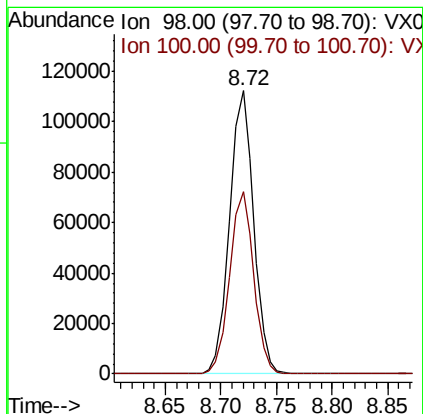
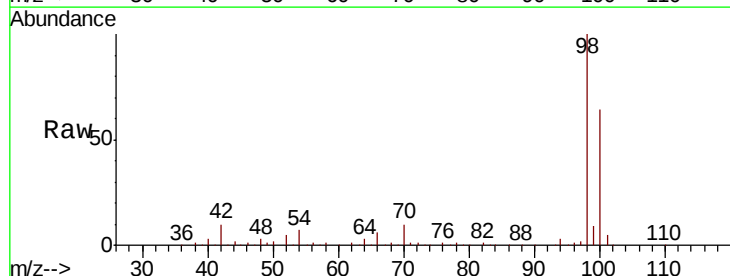
Tot Ion	43	Resp	42030
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.7	25.1
87	14.0	10.8	16.2

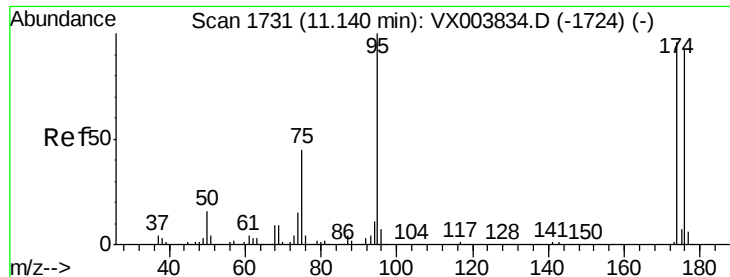


#50

Toluene-d8
 Concen: 47.82 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003856.D
 Acq: 03 Aug 2018 18:41

Tgt Ion	98	Resp	168292
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.4	77.2

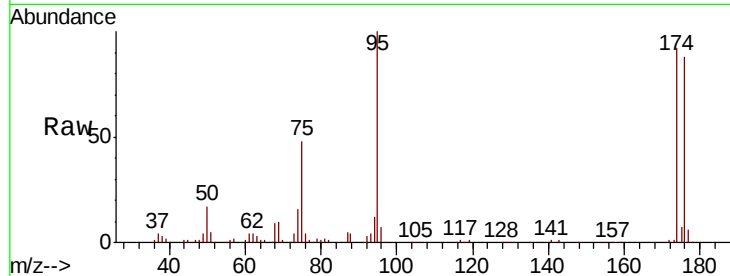




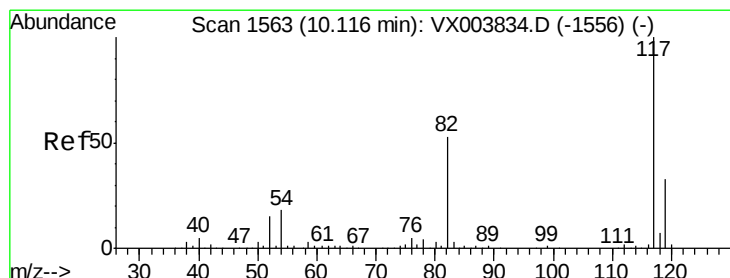
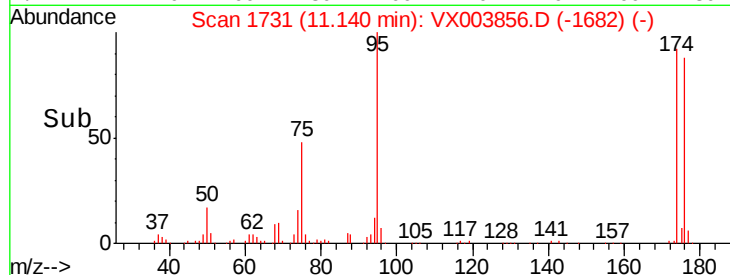
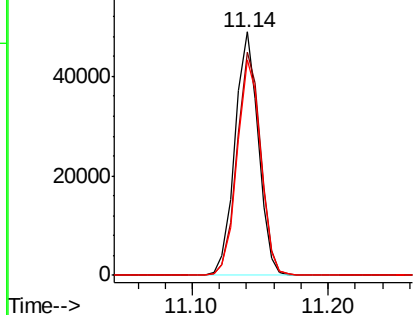
#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
T40-STONE-1

Tot Ion: 95 Resp: 58387
Ion Ratio Lower Upper
95 100
174 93.5 0.0 192.2
176 89.9 0.0 185.8

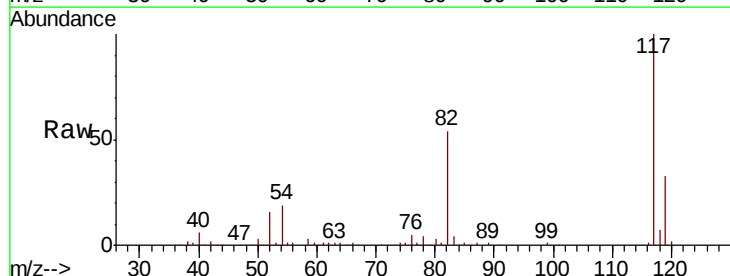


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

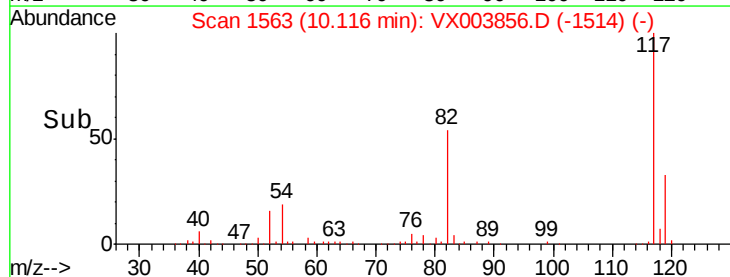
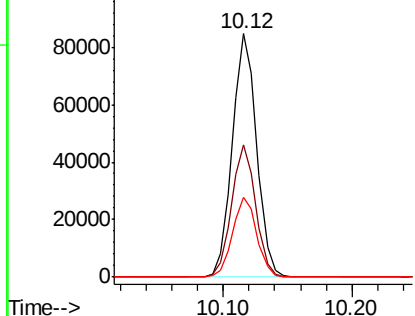


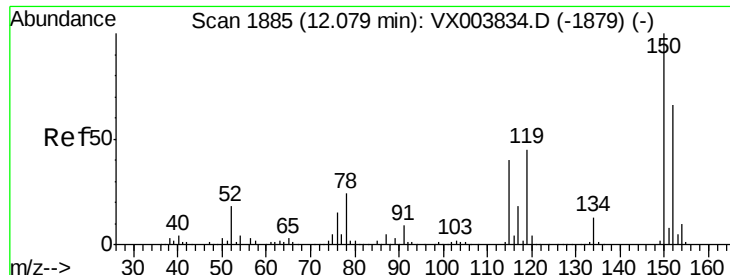
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Tgt Ion: 117 Resp: 111810
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

T40-STONE-1

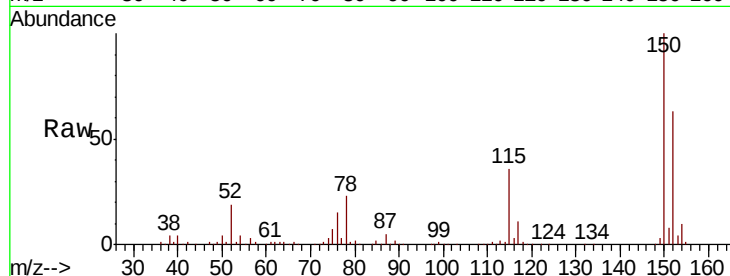
Tot Ion:152 Resp: 60685

Ion Ratio Lower Upper

152 100

115 54.9 37.4 112.1

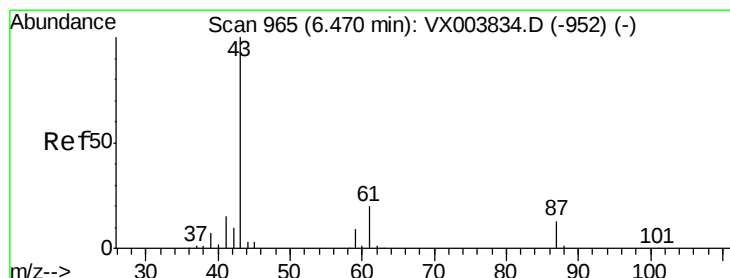
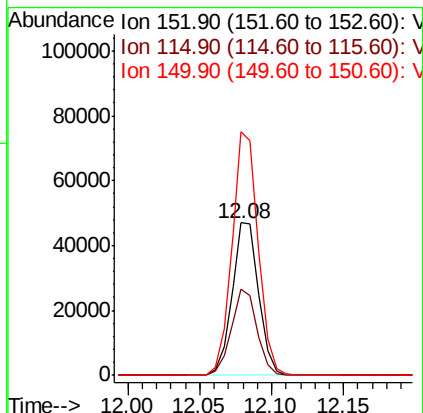
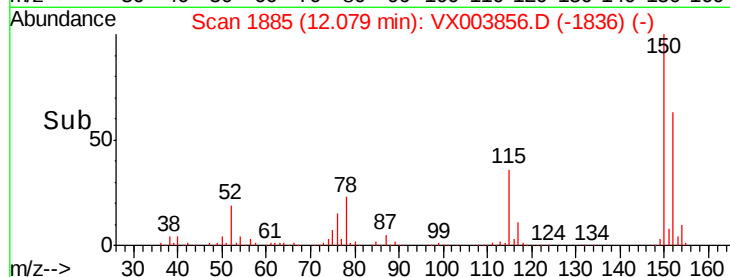
150 157.1 0.0 346.6



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: 21.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003856.D

Acq: 03 Aug 2018 18:41

Tgt Ion: 43 Resp: 42030

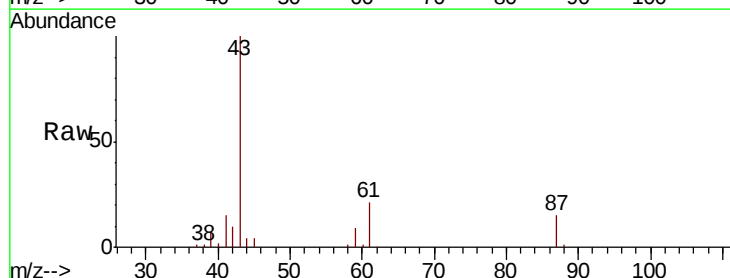
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.7 16.7 25.1

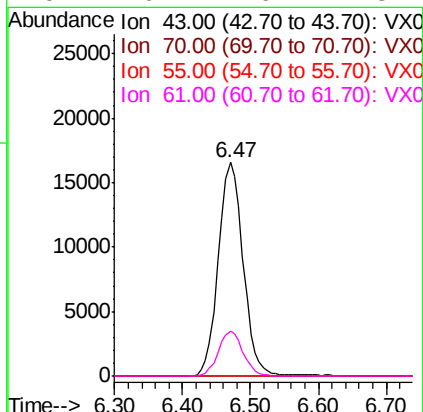
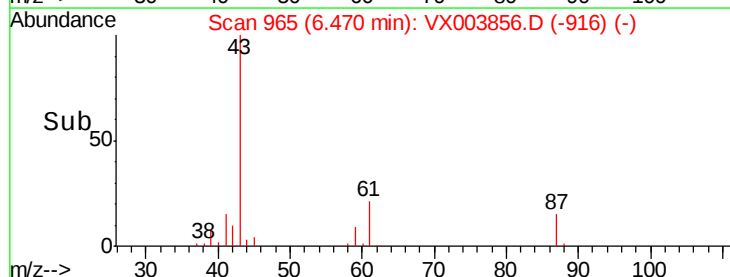


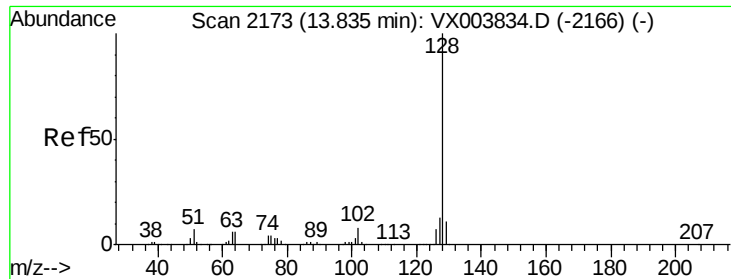
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

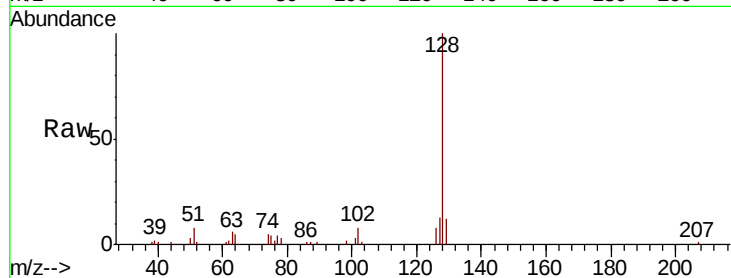




#95
Naphthalene
Concen: 2.20 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003856.D
Acq: 03 Aug 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
T40-STONE-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	8.7	13.1



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

