

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
 Data File : VX004669.D
 Acq On : 18 Sep 2018 20:16
 Operator : JC/MD
 Sample : J4802-01ME
 Misc : 15.19/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENY-SB-01-54.5-55.0ME

Quant Time: Sep 19 05:11:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	236766	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	349726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	131578	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
35) Dibromofluoromethane	5.50	113	131233	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.02%	
50) Toluene-d8	8.71	98	480963	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	11.14	95	205480	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	

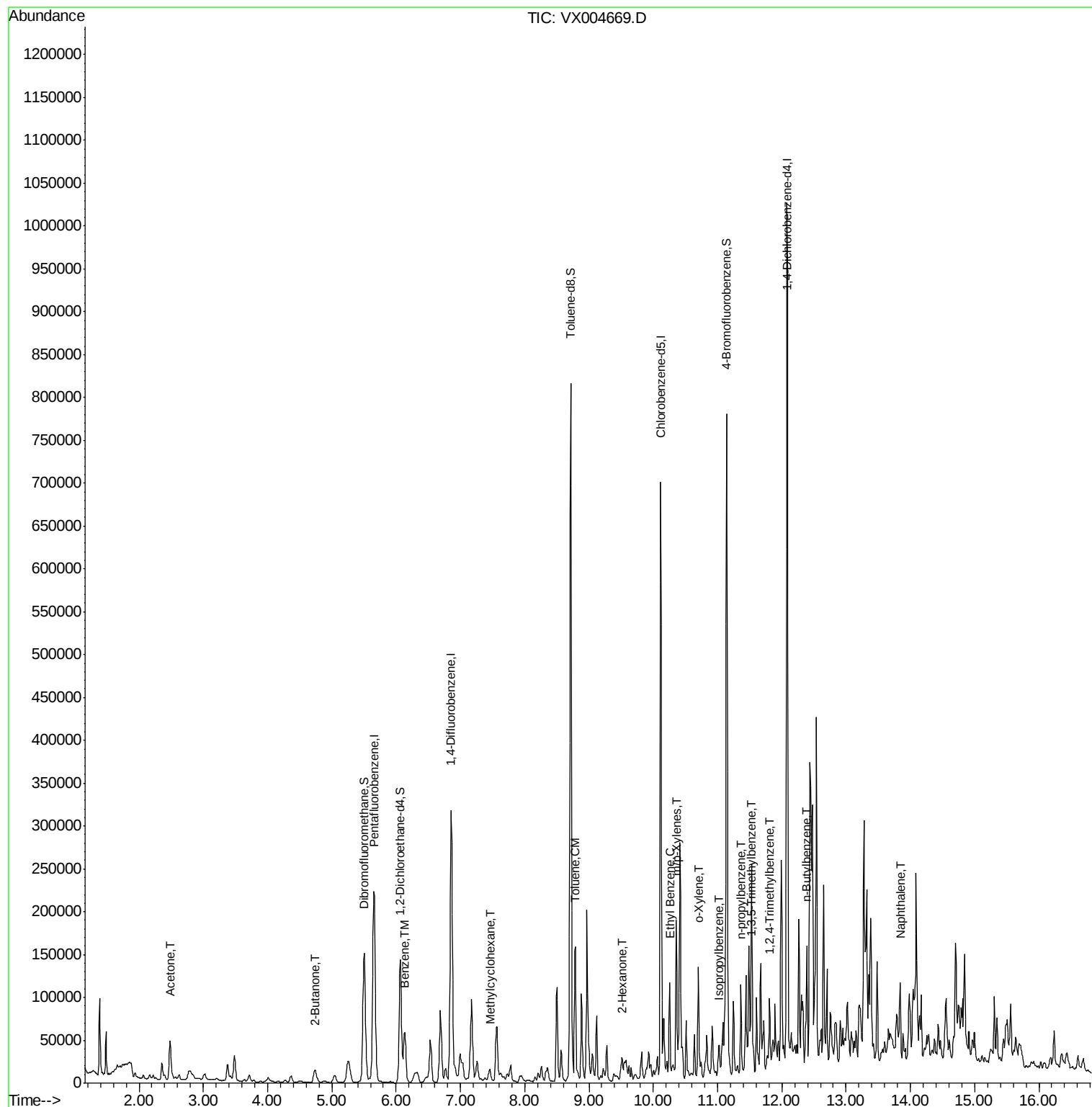
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.48	43	57489	38.582	ug/l	92
25) 2-Butanone	4.74	43	31874	13.441	ug/l	92
39) Methylcyclohexane	7.46	83	5707	1.288	ug/l	98
40) Benzene	6.13	78	73578	5.841	ug/l	100
52) Toluene	8.79	92	60618	8.167	ug/l	96
59) 2-Hexanone	9.51	43	10051	2.895	ug/l	99
67) Ethyl Benzene	10.26	91	65272	4.888	ug/l	100
68) m/p-Xylenes	10.36	106	22110	4.298	ug/l	98
69) o-Xylene	10.70	106	28112	5.685	ug/l	98
73) Isopropylbenzene	11.02	105	4563	0.327	ug/l	99
78) n-propylbenzene	11.36	91	58239	3.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	6001	0.511	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	27912	2.328	ug/l	100
89) n-Butylbenzene	12.39	91	54225	4.731	ug/l	90
95) Naphthalene	13.83	128	42047	2.904	ug/l #	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

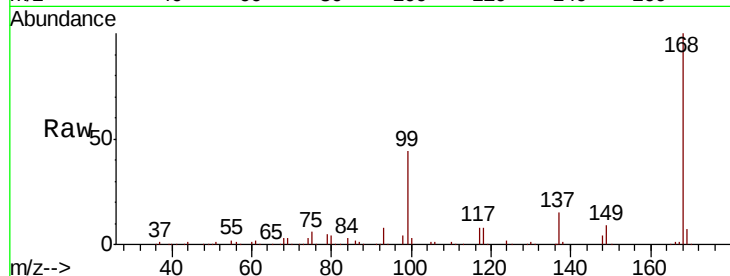
ENY-SB-01-54.5-55.0ME

Tgt Ion:168 Resp: 236766

Ion Ratio Lower Upper

168 100

99 43.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

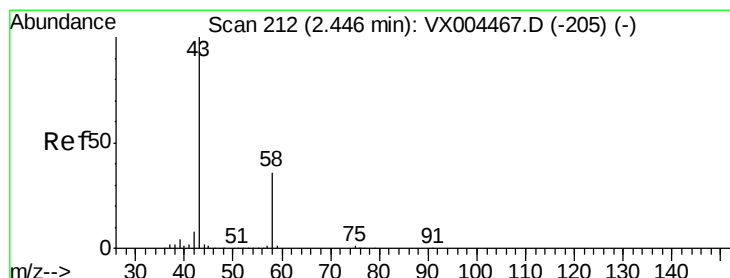
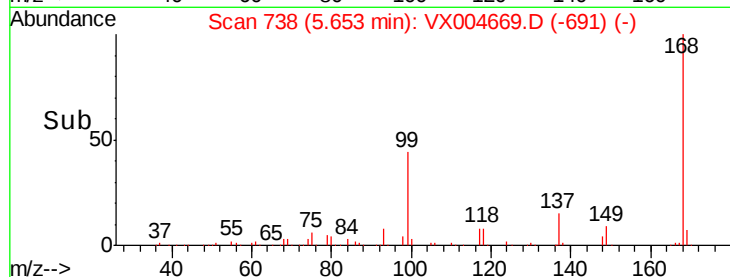
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 38.582 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX004669.D

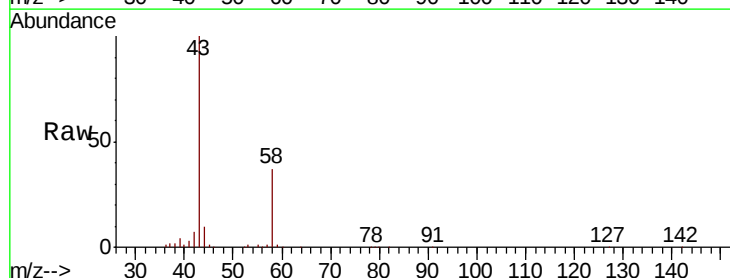
Acq: 18 Sep 2018 20:16

Tgt Ion: 43 Resp: 57489

Ion Ratio Lower Upper

43 100

58 37.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

30000

25000

20000

15000

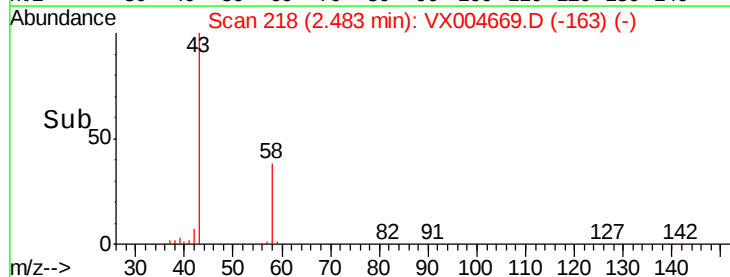
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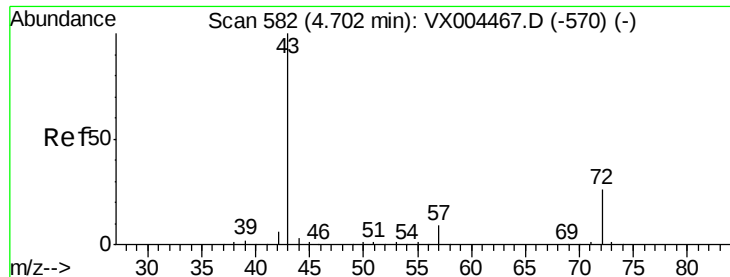
5000

0

Time-->

2.40 2.50 2.60





#25

2-Butanone

Concen: 13.441 ug/l

RT: 4.74 min Scan# 589

Delta R.T. 0.04 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

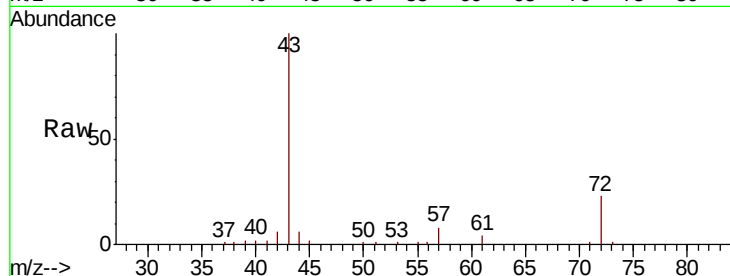
ENY-SB-01-54.5-55.0ME

Tgt Ion: 43 Resp: 31874

Ion Ratio Lower Upper

43 100

72 23.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.74

10000

8000

6000

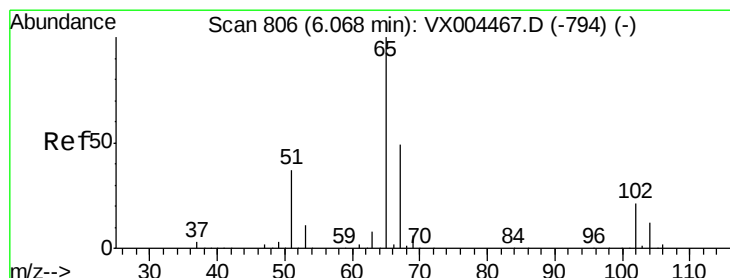
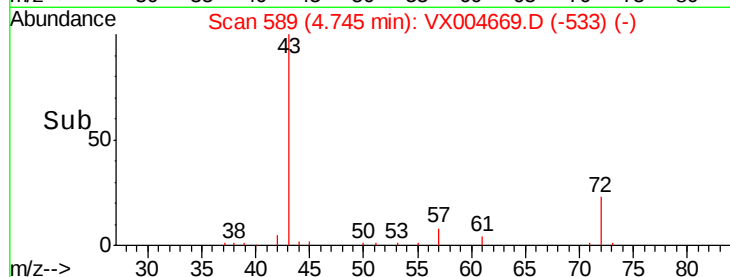
4000

2000

0

Time-->

4.60 4.70 4.80 4.90



#33

1,2-Dichloroethane-d4

Concen: 43.100 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004669.D

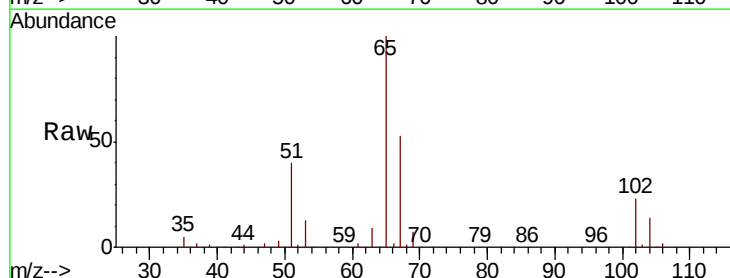
Acq: 18 Sep 2018 20:16

Tgt Ion: 65 Resp: 131578

Ion Ratio Lower Upper

65 100

67 56.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

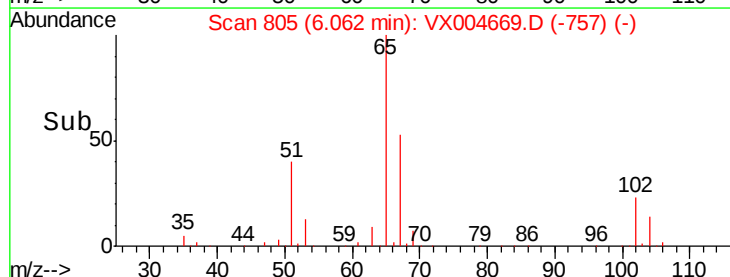
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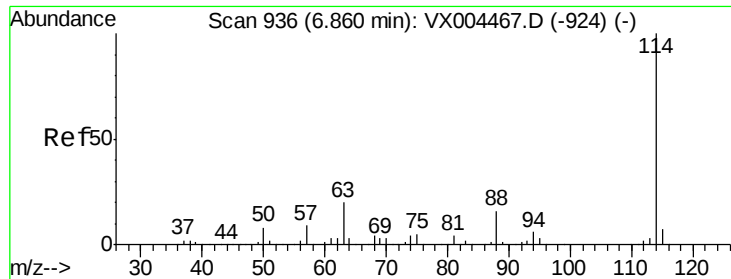
10000

0

Time-->

5.90 6.00 6.10 6.20

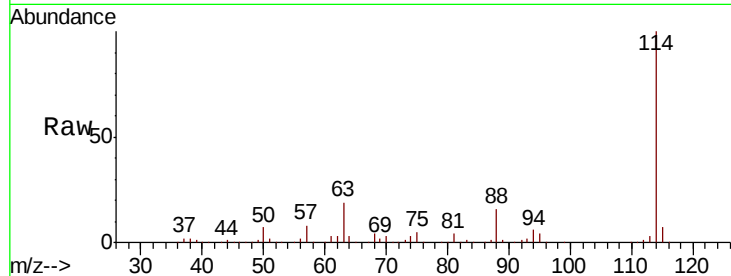




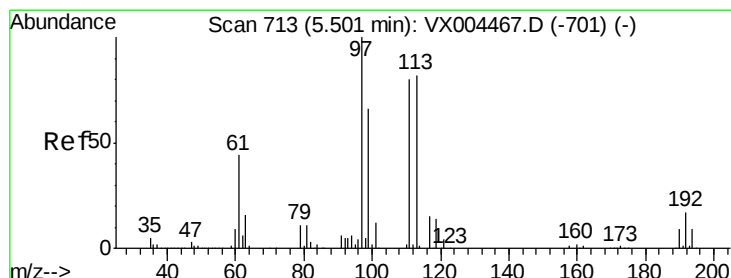
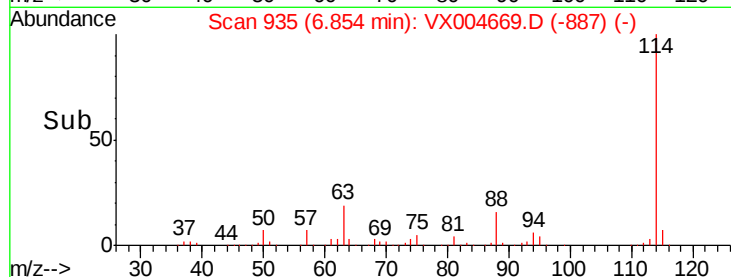
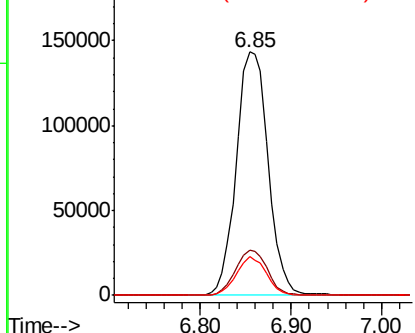
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004669.D
 Acq: 18 Sep 2018 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ENY-SB-01-54.5-55.0ME

Tgt Ion:114 Resp: 349726
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 15.9 0.0 30.4

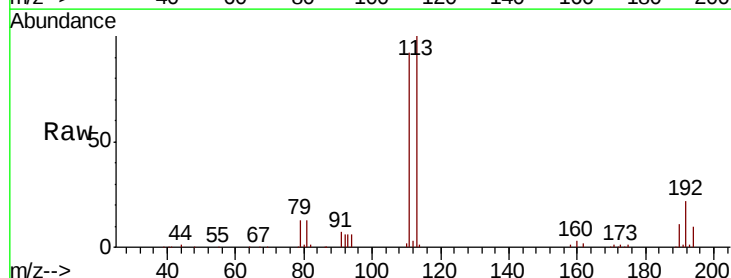


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

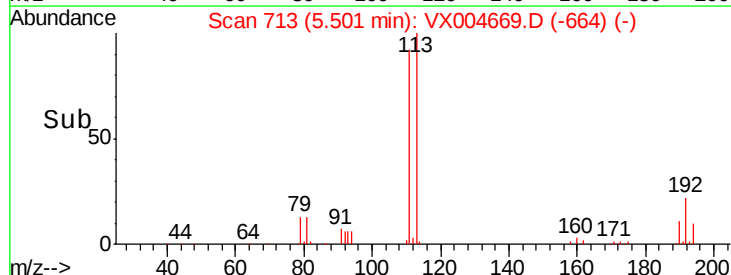
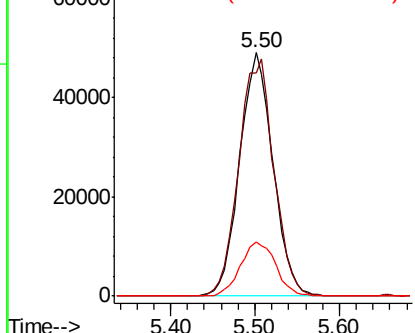


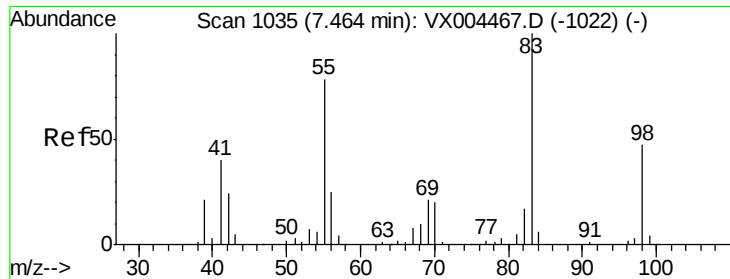
#35
 Dibromofluoromethane
 Concen: 41.006 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004669.D
 Acq: 18 Sep 2018 20:16

Tgt Ion:113 Resp: 131233
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 23.5 19.4 29.2



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

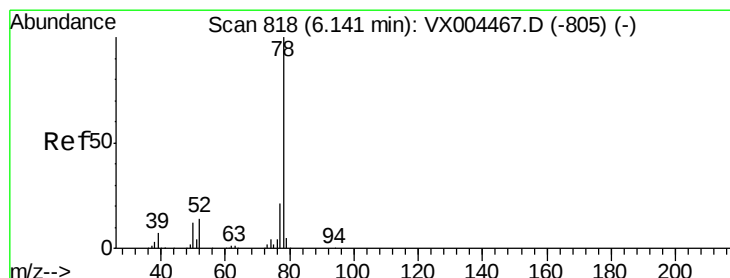
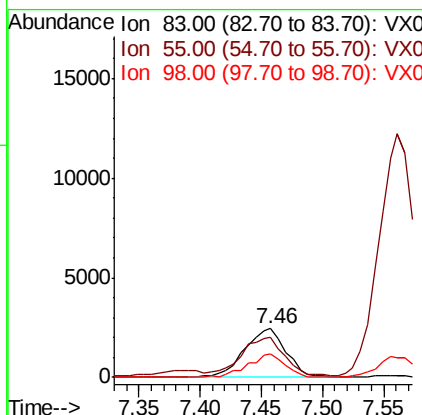
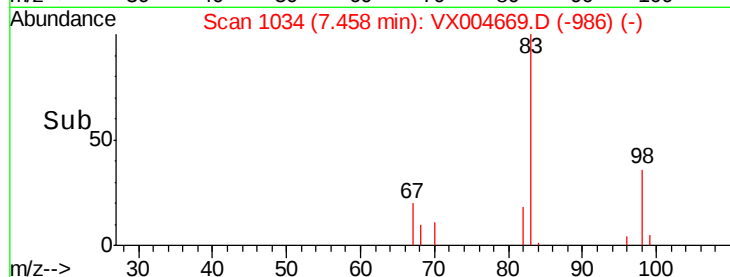
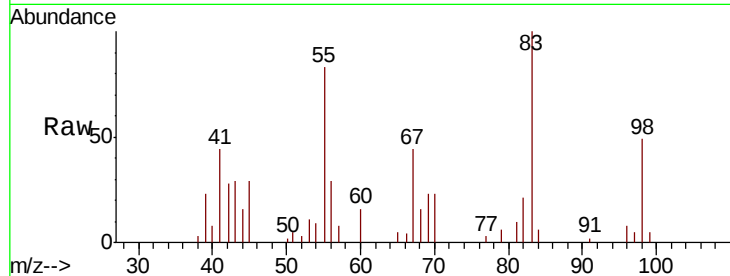




#39
Methylcyclohexane
Concen: 1.288 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

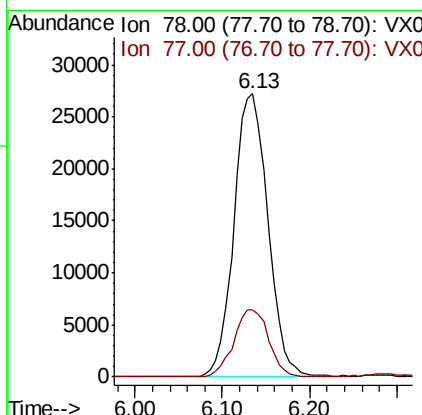
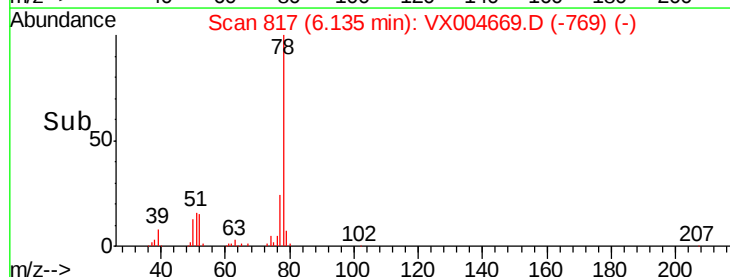
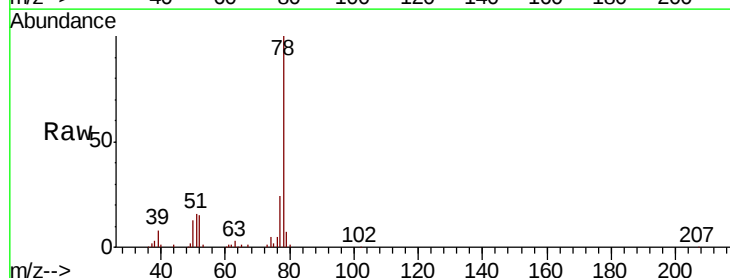
Instrument :
MSVOA_X
ClientSampleId :
ENY-SB-01-54.5-55.0ME

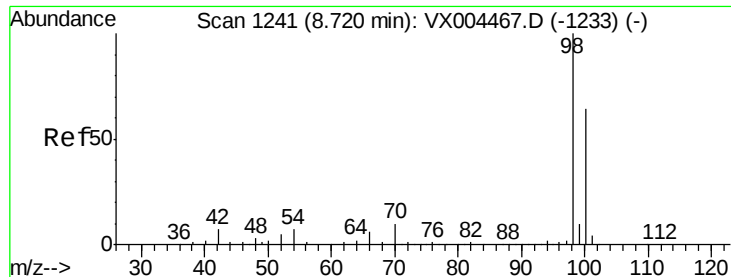
Tgt Ion: 83 Resp: 5707
Ion Ratio Lower Upper
83 100
55 78.9 61.0 91.4
98 49.3 39.6 59.4



#40
Benzene
Concen: 5.841 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

Tgt Ion: 78 Resp: 73578
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#50

Toluene-d8

Concen: 44.814 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

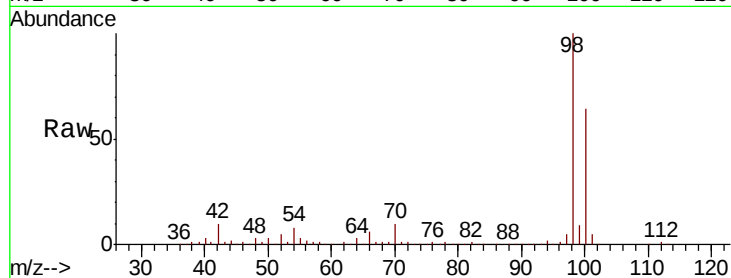
ENY-SB-01-54.5-55.0ME

Tgt Ion: 98 Resp: 480963

Ion Ratio Lower Upper

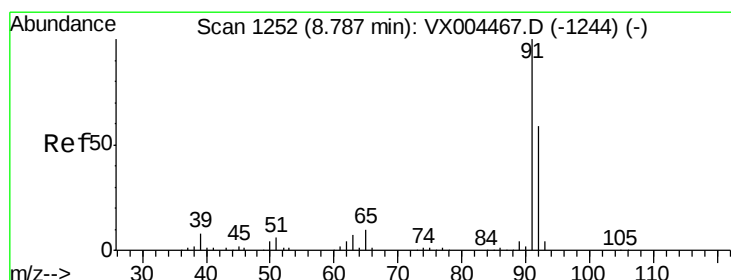
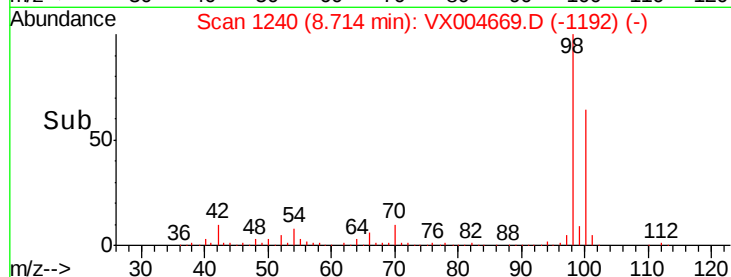
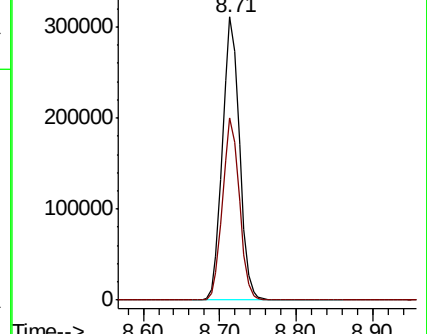
98 100

100 63.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 8.167 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004669.D

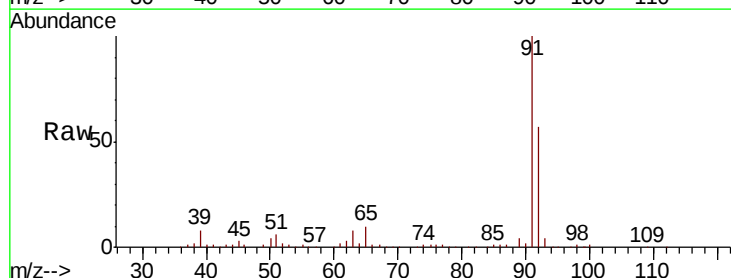
Acq: 18 Sep 2018 20:16

Tgt Ion: 92 Resp: 60618

Ion Ratio Lower Upper

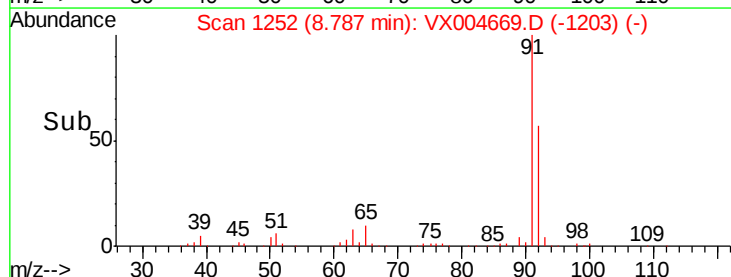
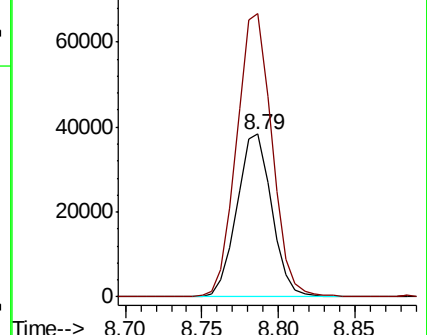
92 100

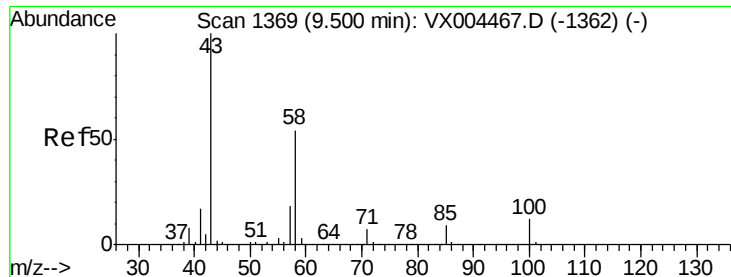
91 175.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

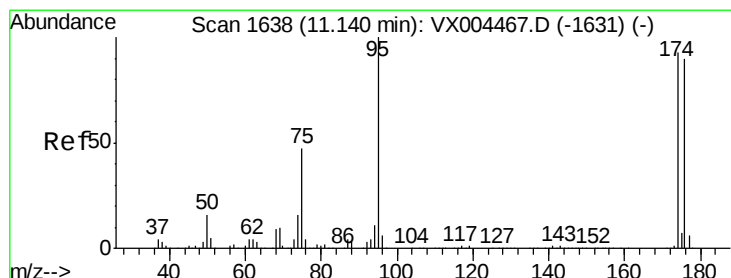
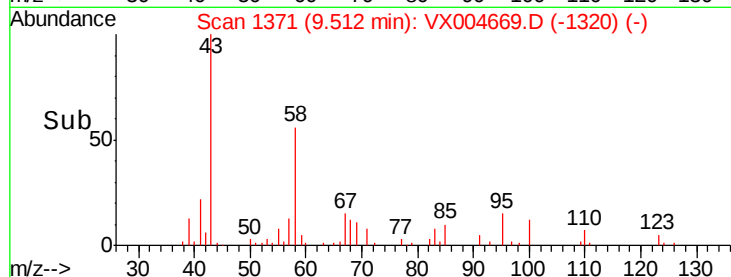
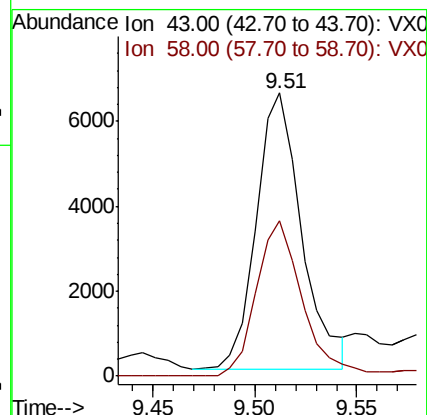
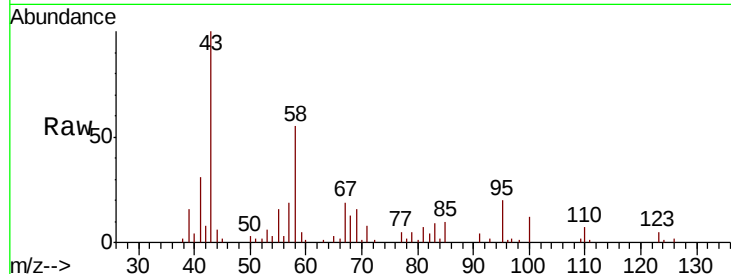




#59
2-Hexanone
Concen: 2.895 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

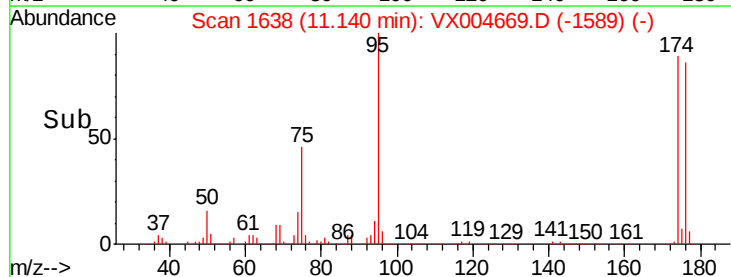
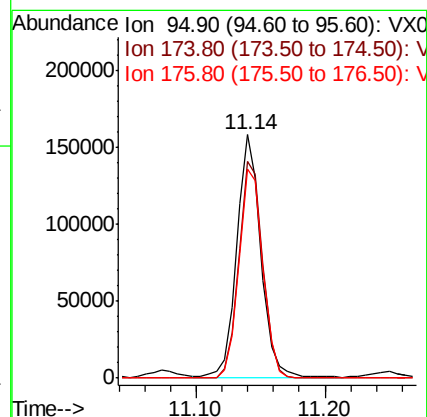
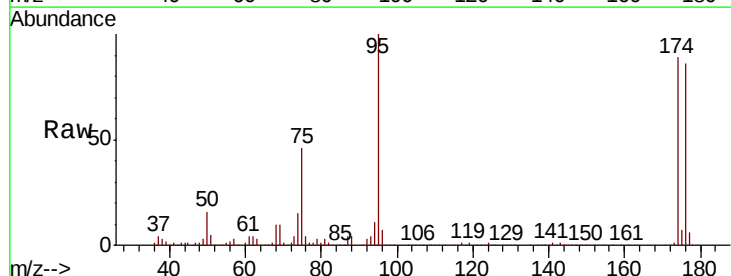
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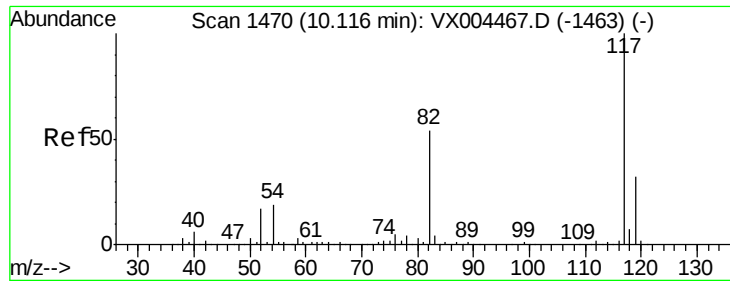
Tgt Ion: 43 Resp: 10051
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 53.637 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

Tgt Ion: 95 Resp: 205480
Ion Ratio Lower Upper
95 100
174 88.8 0.0 185.2
176 85.7 0.0 178.6

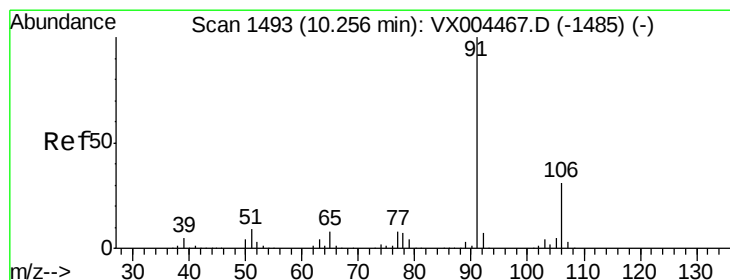
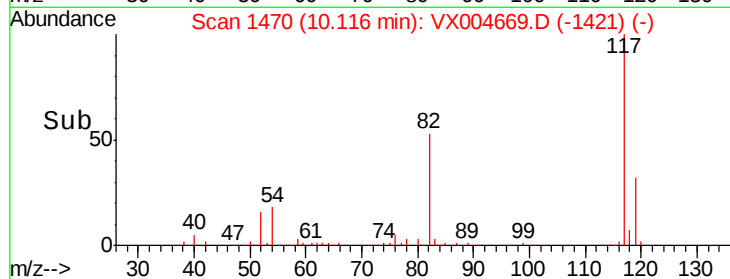
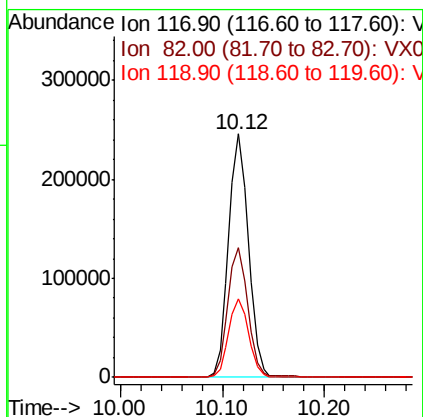
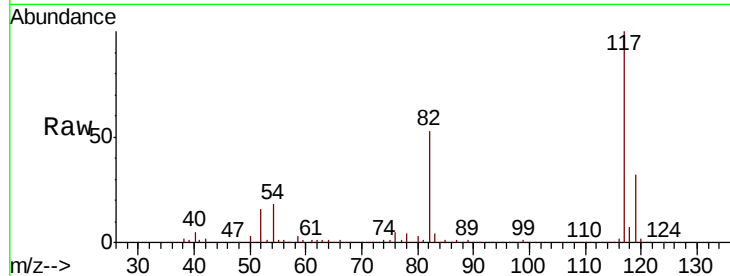




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

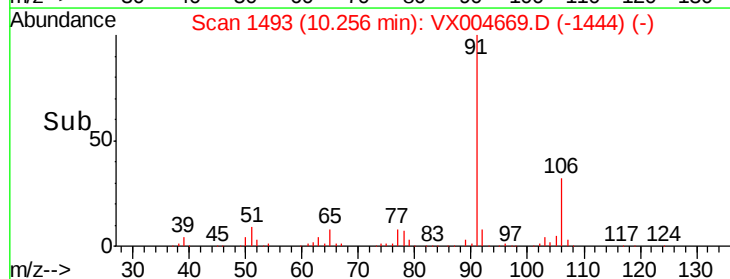
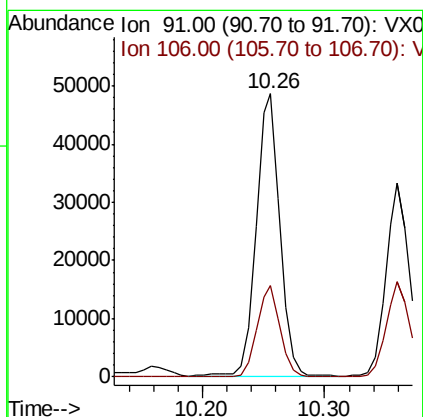
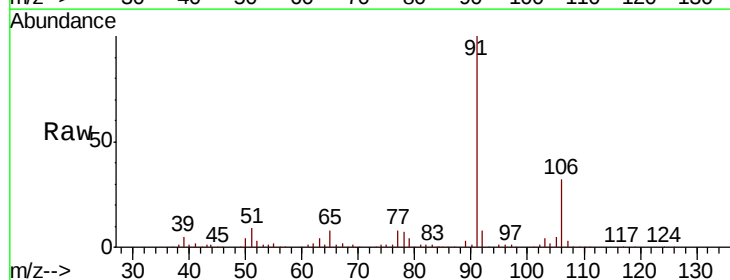
Instrument :
MSVOA_X
ClientSampleId :
ENY-SB-01-54.5-55.0ME

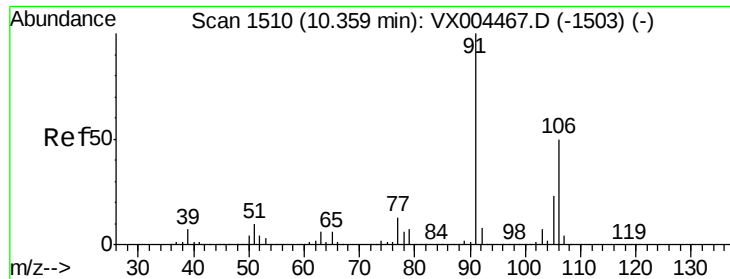
Tgt Ion: 117 Resp: 330615
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.4 29.3 43.9



#67
Ethyl Benzene
Concen: 4.888 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

Tgt Ion: 91 Resp: 65272
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

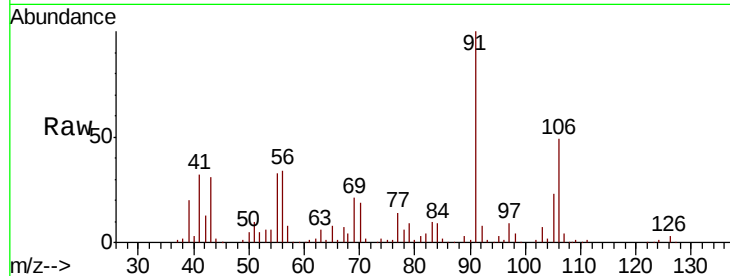




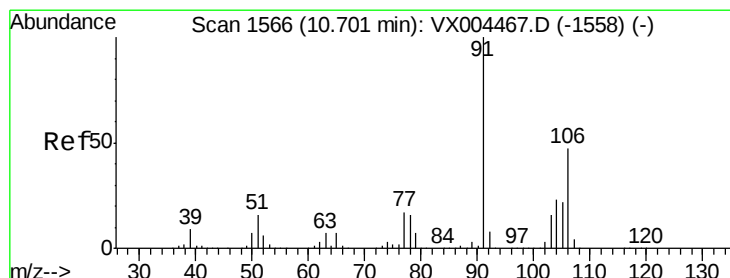
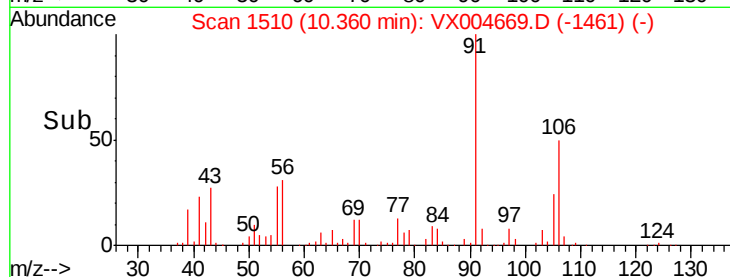
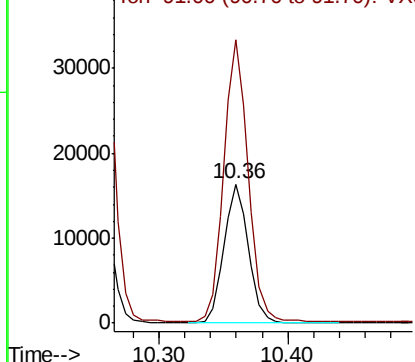
#68
m/p-Xylenes
Concen: 4.298 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
ENY-SB-01-54.5-55.0ME

Tgt Ion:106 Resp: 22110
Ion Ratio Lower Upper
106 100
91 199.6 157.1 235.7

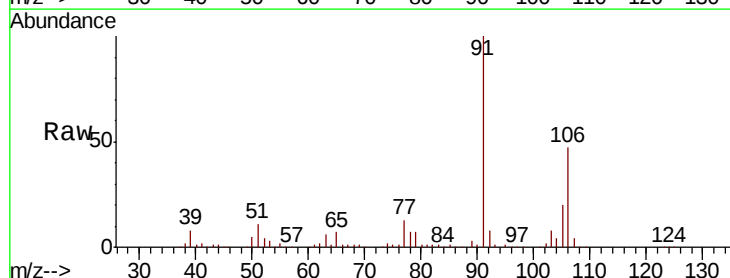


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

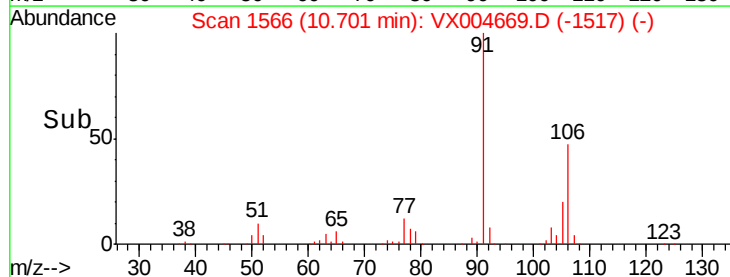
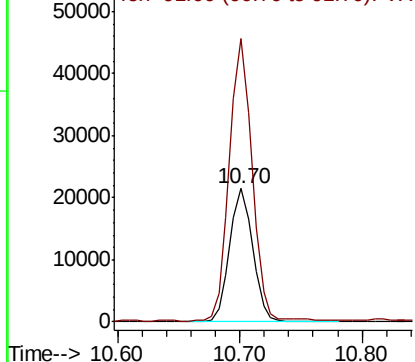


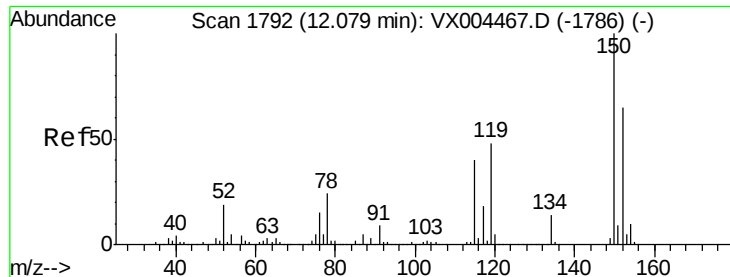
#69
o-Xylene
Concen: 5.685 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004669.D
Acq: 18 Sep 2018 20:16

Tgt Ion:106 Resp: 28112
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

ENY-SB-01-54.5-55.0ME

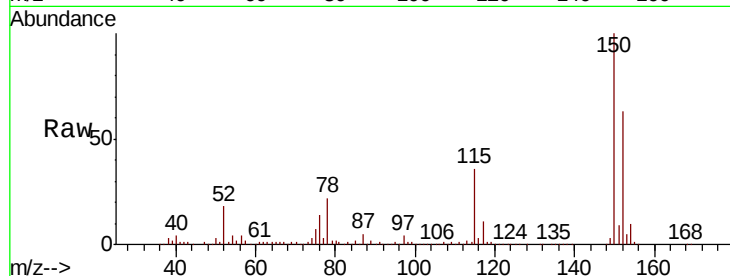
Tgt Ion:152 Resp: 212062

Ion Ratio Lower Upper

152 100

115 54.7 39.0 117.0

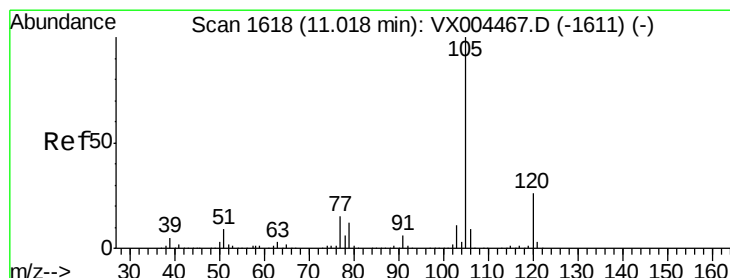
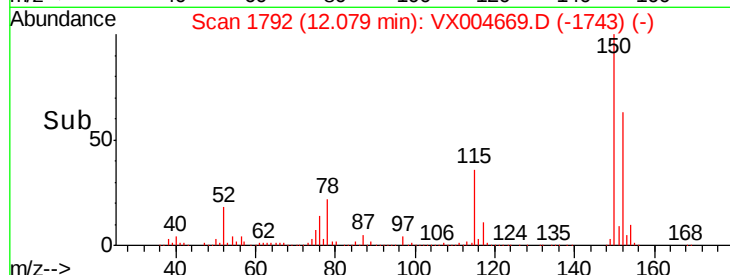
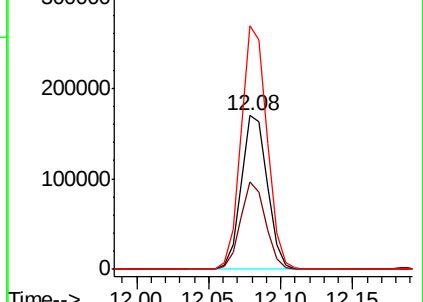
150 157.6 0.0 351.0



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



#73

Isopropylbenzene

Concen: 0.327 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004669.D

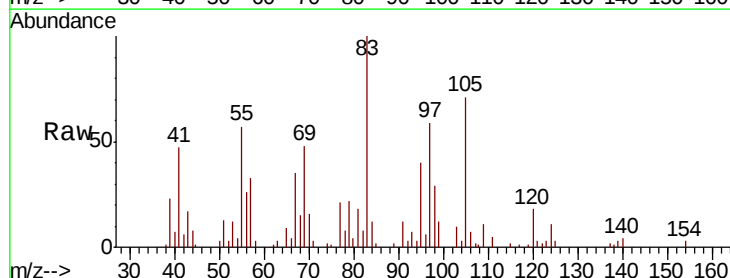
Acq: 18 Sep 2018 20:16

Tgt Ion:105 Resp: 4563

Ion Ratio Lower Upper

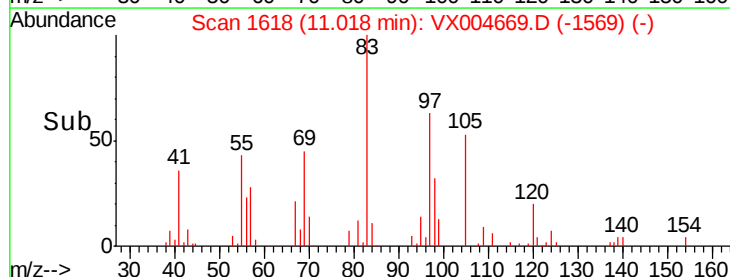
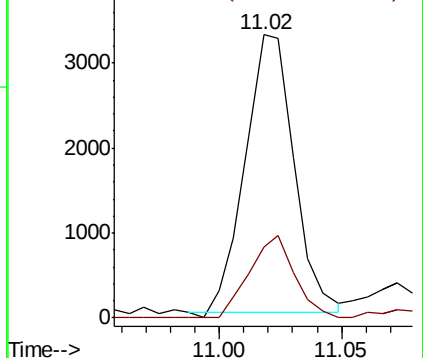
105 100

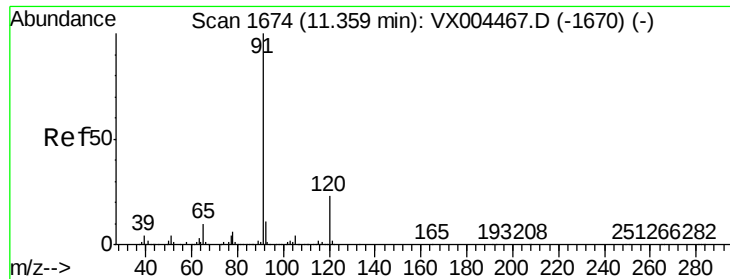
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.627 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

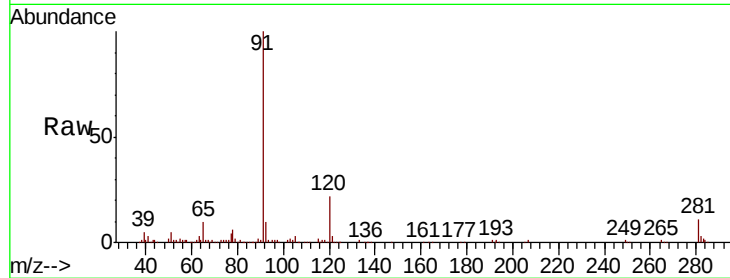
ENY-SB-01-54.5-55.0ME

Tgt Ion: 91 Resp: 58239

Ion Ratio Lower Upper

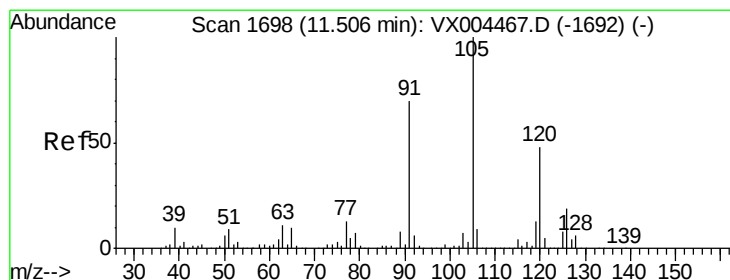
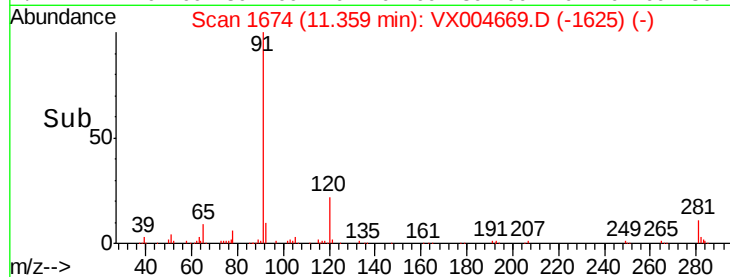
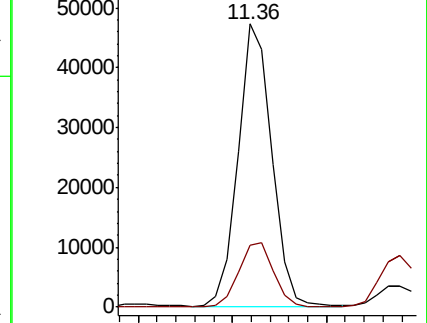
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 0.511 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX004669.D

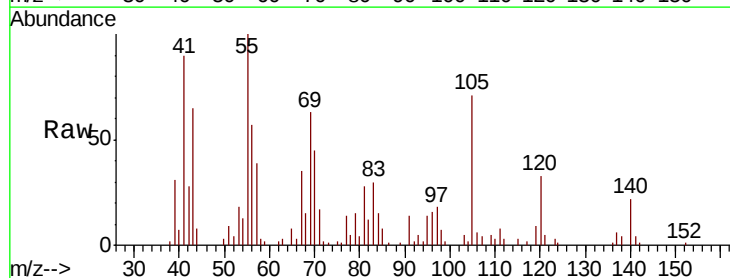
Acq: 18 Sep 2018 20:16

Tgt Ion: 105 Resp: 6001

Ion Ratio Lower Upper

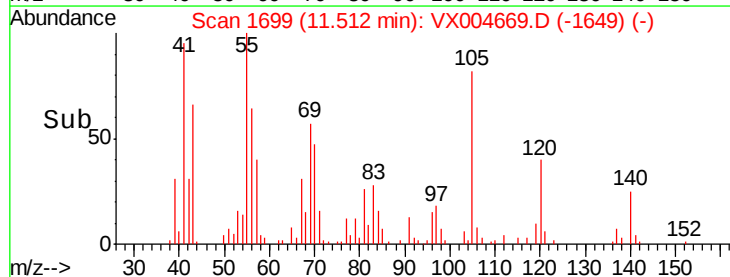
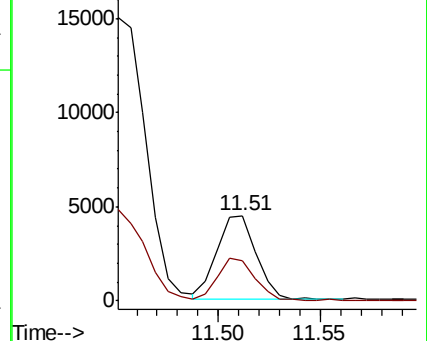
105 100

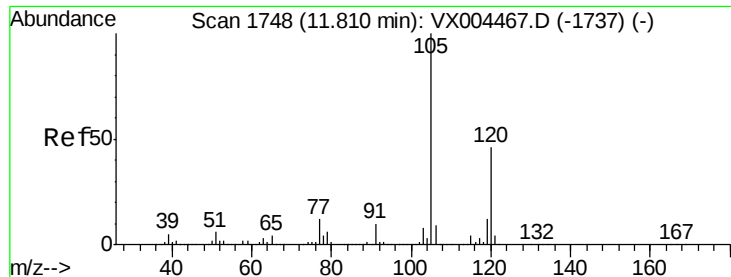
120 48.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

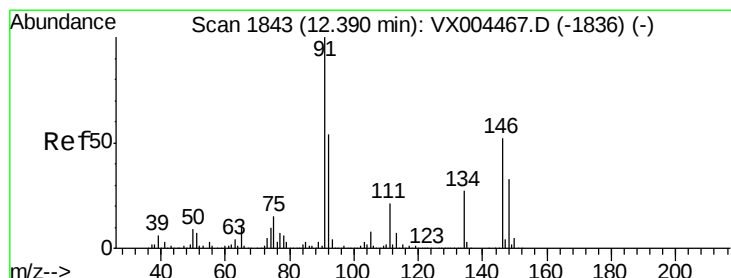
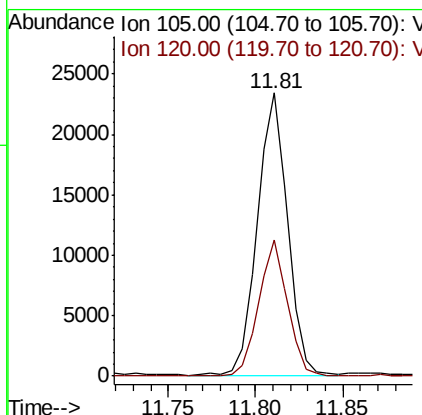
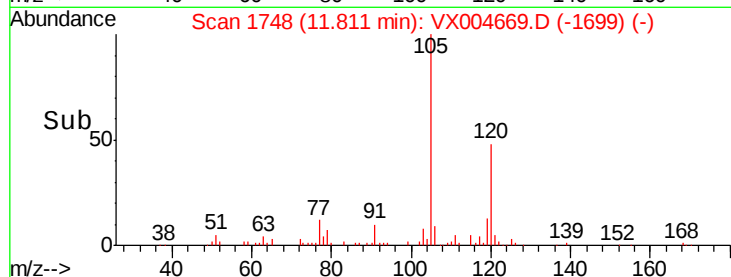
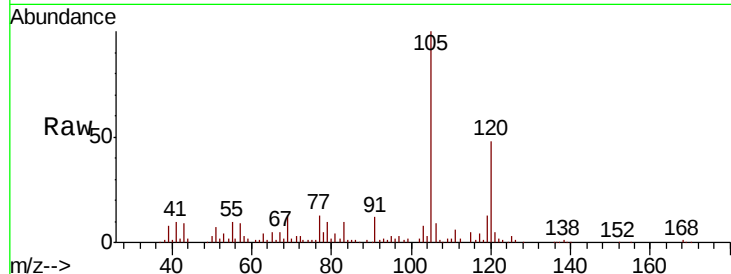




#84
 1,2,4-Trimethylbenzene
 Concen: 2.328 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004669.D
 Acq: 18 Sep 2018 20:16

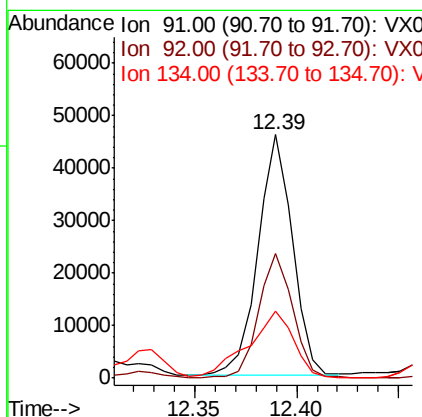
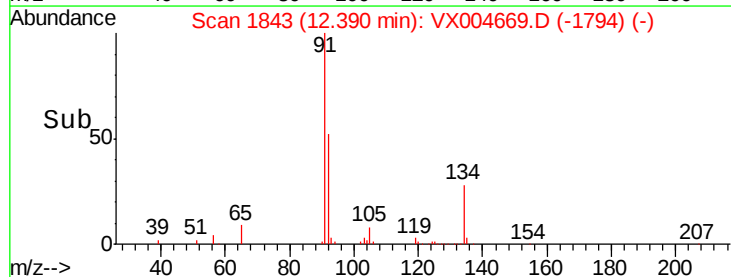
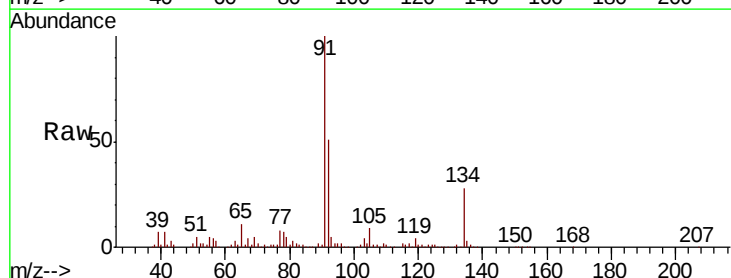
Instrument :
 MSVOA_X
 ClientSampleId :
 ENY-SB-01-54.5-55.0ME

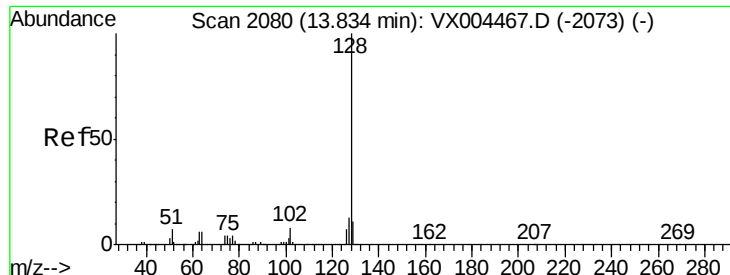
Tgt Ion: 105 Resp: 27912
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6



#89
 n-Butylbenzene
 Concen: 4.731 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004669.D
 Acq: 18 Sep 2018 20:16

Tgt Ion: 91 Resp: 54225
 Ion Ratio Lower Upper
 91 100
 92 50.5 27.3 81.9
 134 36.8 13.6 40.7





#95

Naphthalene

Concen: 2.904 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004669.D

Acq: 18 Sep 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

ENY-SB-01-54.5-55.0ME

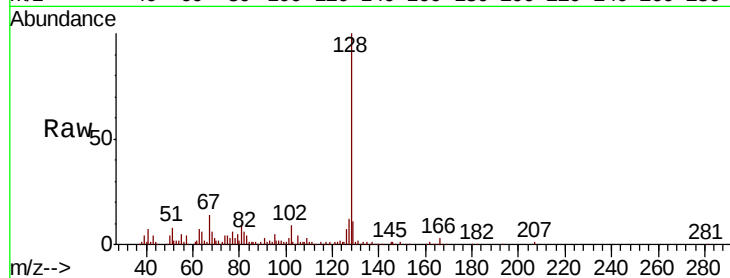
Tgt Ion:128 Resp: 42047

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 12.9 8.6 12.8#



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

