

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000329.D
 Acq On : 15 Mar 2018 15:28
 Operator : JC/MD
 Sample : J1808-01DL 50X
 Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

Quant Time: Mar 16 02:39:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	98629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	84952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	64975	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.51	113	50744	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.73	98	207718	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.15	95	73900	42.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.78%	

Target Compounds						Qvalue
6) Chloroethane	1.73	64	207	0.24	ug/l	# 44
11) Tert butyl alcohol	3.07	59	940	2.13	ug/l	# 72
13) Acrolein	2.31	56	110	0.58	ug/l	# 13
15) Acrylonitrile	3.18	53	367	0.43	ug/l	# 40
16) Acetone	2.46	43	1311	1.44	ug/l	# 87
17) Carbon Disulfide	2.57	76	804	0.26	ug/l	# 48
19) Methyl tert-butyl Ether	3.22	73	1383	0.36	ug/l	99
20) Methylene Chloride	2.87	84	1694	1.44	ug/l	93
31) Cyclohexane	5.60	56	4640	3.01	ug/l	# 76
36) 1,1-Dichloropropene	5.67	75	7928	5.28	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	9757	6.45	ug/l	# 16
39) Methylcyclohexane	7.48	83	15279	8.73	ug/l	98
40) Benzene	6.17	78	1162	0.27	ug/l	# 88
41) Methacrylonitrile	5.08	41	325	0.31	ug/l	# 42
47) Bromodichloromethane	7.98	83	1053	0.70	ug/l	# 25
48) Methyl methacrylate	7.74	41	1782	1.22	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	565	0.25	ug/l	# 37
52) Toluene	8.79	92	3620	1.21	ug/l	100
56) Ethyl methacrylate	9.16	69	358	0.20	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	8.38	63	61	Below	Cal	# 46
67) Ethyl Benzene	10.26	91	42240	7.61	ug/l	98
68) m/p-Xylenes	10.37	106	44203	20.44	ug/l	99
69) o-Xylene	10.71	106	10765	5.12	ug/l	95
73) Isopropylbenzene	11.02	105	8185	1.60	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.28	83	366	0.20	ug/l	# 25
76) 1,2,3-Trichloropropane	11.15	75	43014	27.08	ug/l	# 35
78) n-propylbenzene	11.37	91	36171	5.86	ug/l	98
79) 2-Chlorotoluene	11.44	91	11534	3.29	ug/l	# 40
80) 1,3,5-Trimethylbenzene	11.51	105	45907	10.53	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.15	75	43014	75.10	ug/l	# 9
82) 4-Chlorotoluene	11.51	91	5554	1.29	ug/l	# 47
83) tert-Butylbenzene	11.82	119	14559	3.42	ug/l	# 47
84) 1,2,4-Trimethylbenzene	11.82	105	119528	26.67	ug/l	100
85) sec-Butylbenzene	11.95	105	3850	0.72	ug/l	# 56

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Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

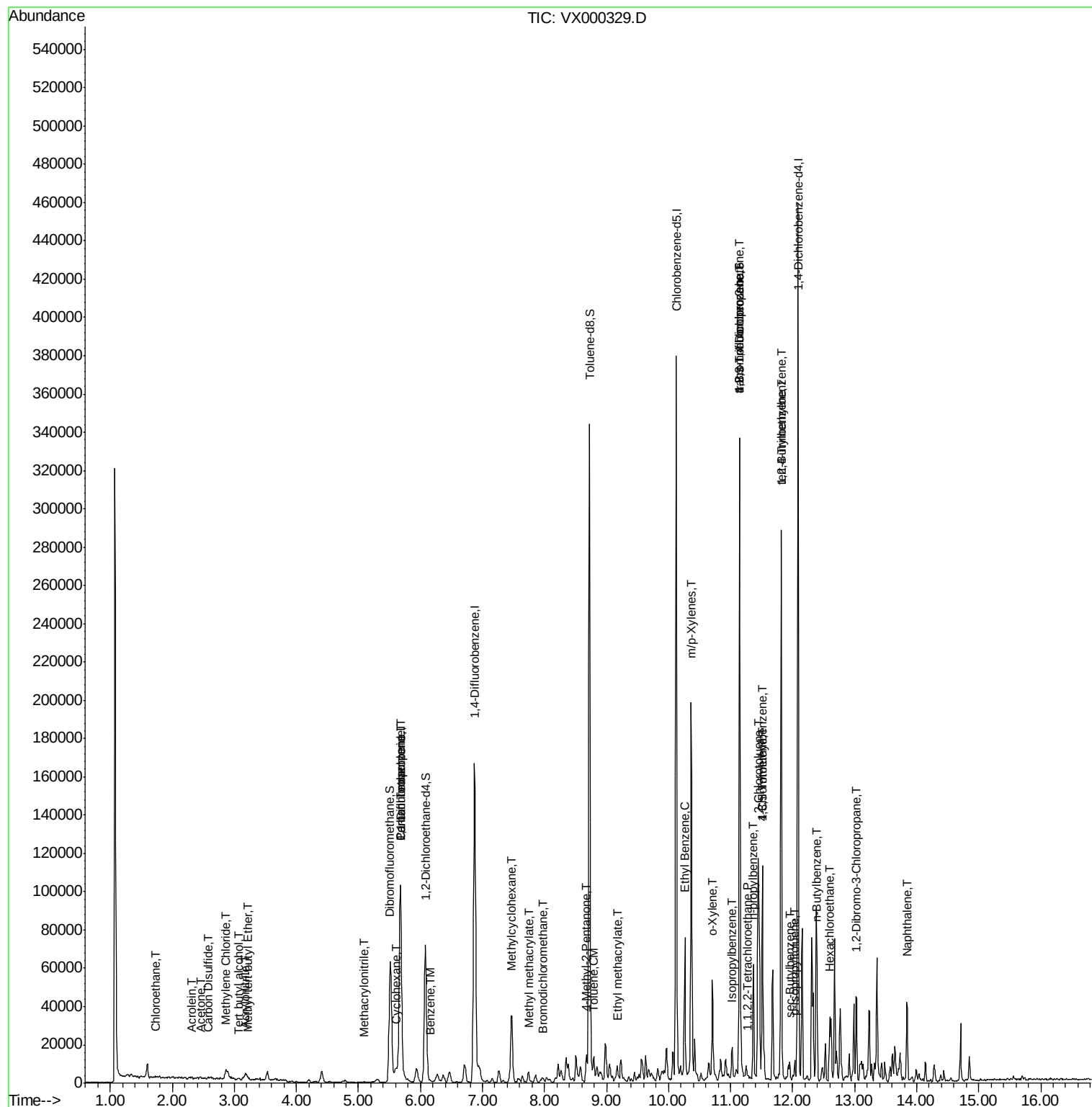
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.04	119	3605	0.76	ug/l	87
89) n-Butylbenzene	12.40	91	15796	3.43	ug/l #	37
90) Hexachloroethane	12.60	117	1753	2.31	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	198	0.40	ug/l #	1
95) Naphthalene	13.84	128	24938	3.91	ug/l	98

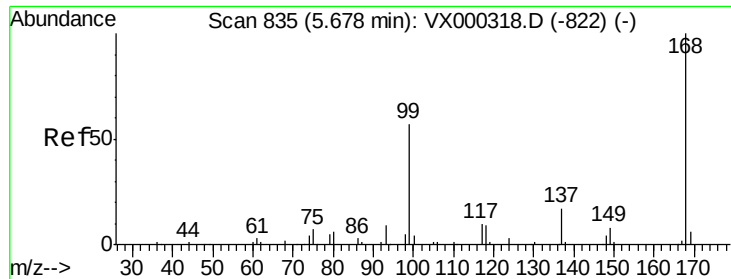
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

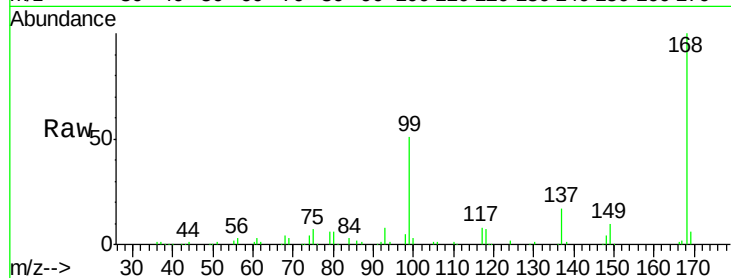
SB-04-12-13DL

Tgt Ion:168 Resp: 98629

Ion Ratio Lower Upper

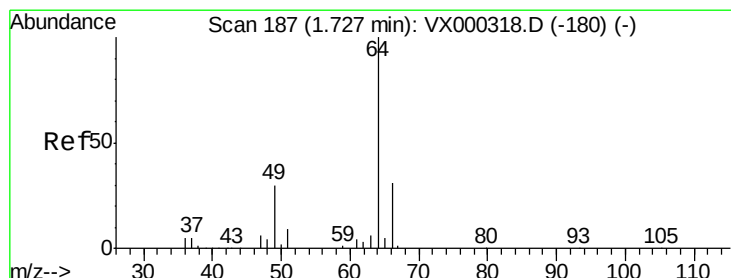
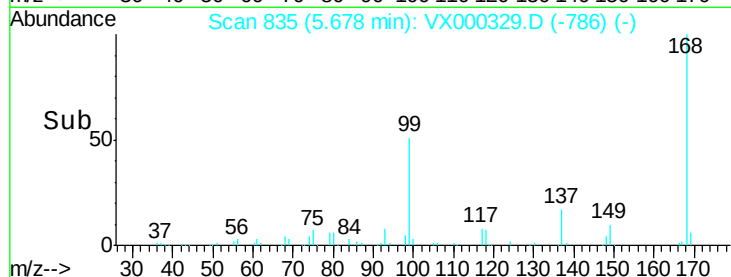
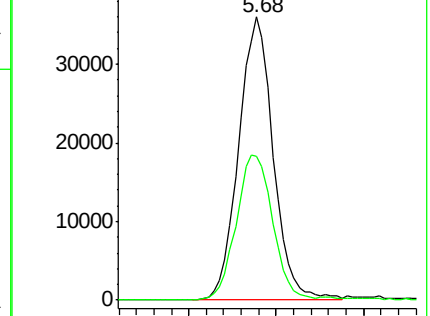
168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000329.D

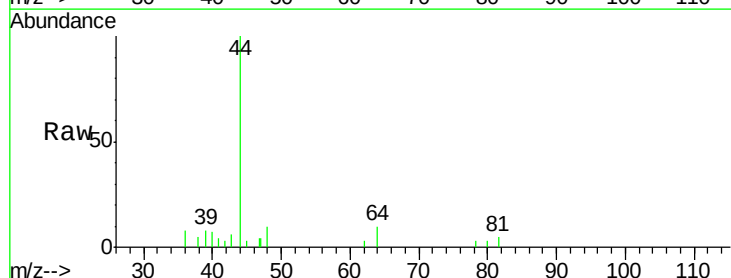
Acq: 15 Mar 2018 15:28

Tgt Ion: 64 Resp: 207

Ion Ratio Lower Upper

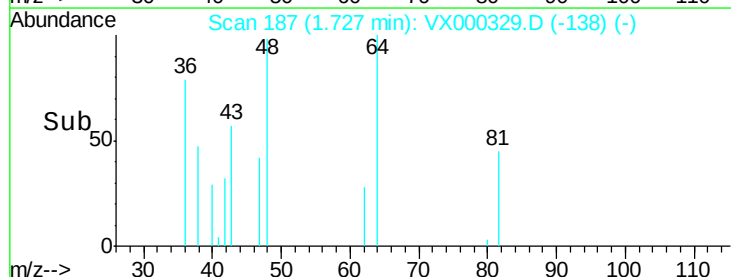
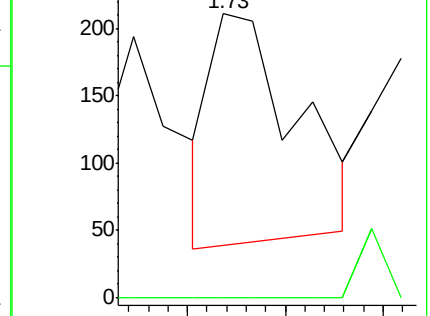
64 100

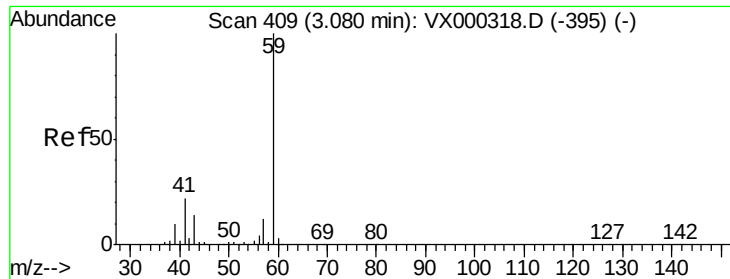
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

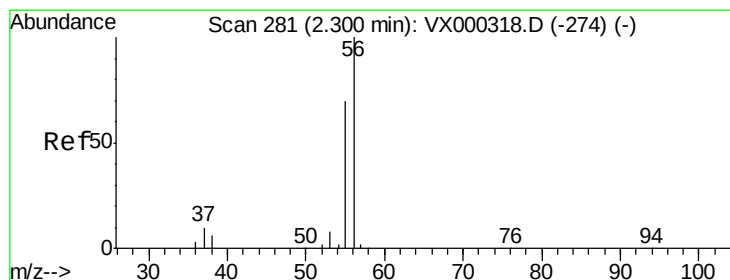
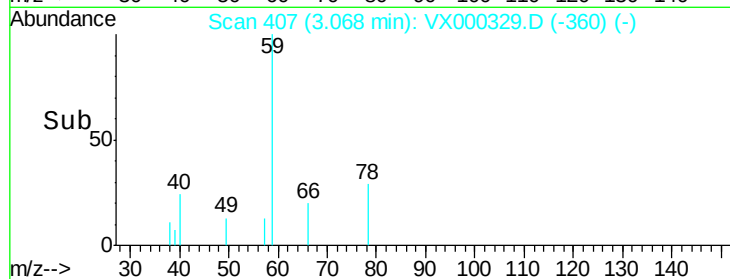
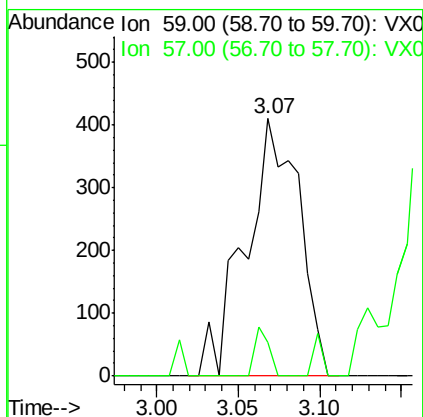
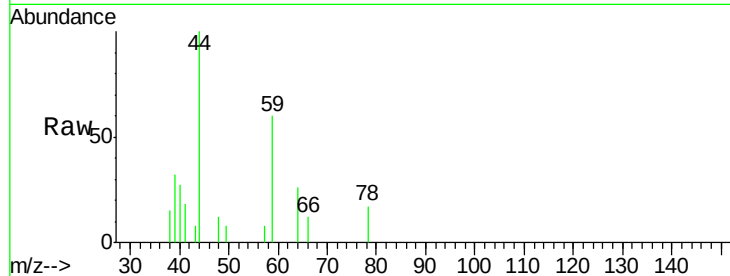




#11
Tert butyl alcohol
Concen: 2.13 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

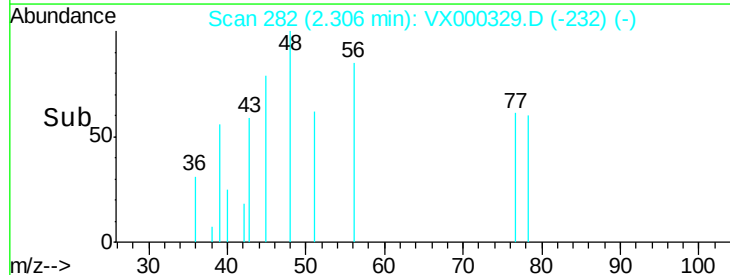
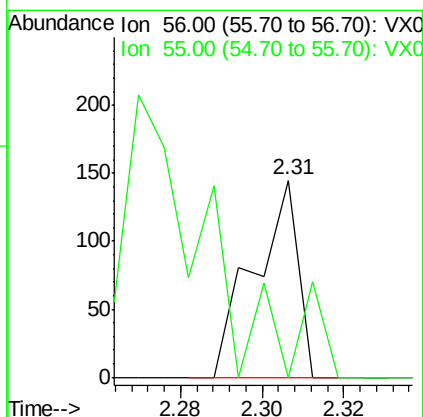
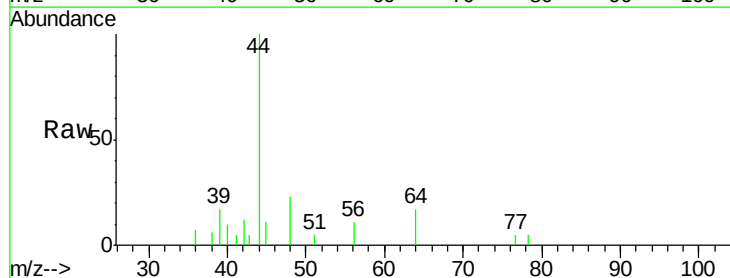
Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13DL

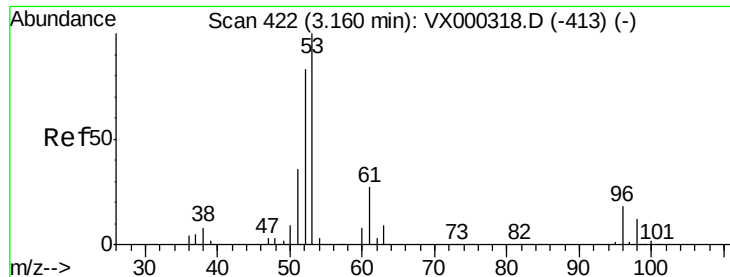
Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.58 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 0.0 58.8 88.2#





#15

Acrylonitrile

Concen: 0.43 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.02 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13DL

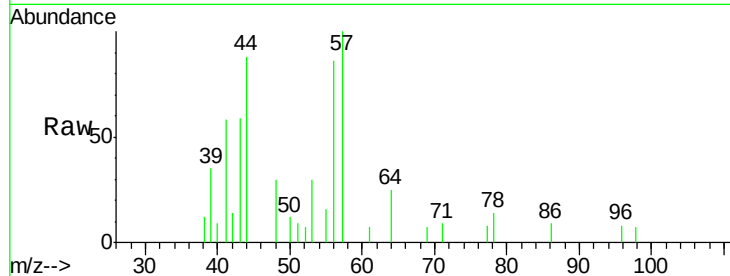
Tgt Ion: 53 Resp: 367

Ion Ratio Lower Upper

53 100

52 11.2 66.6 99.8#

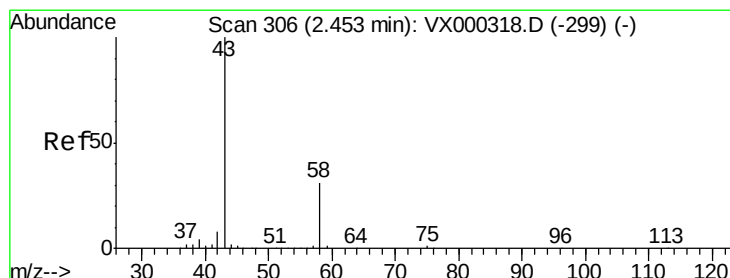
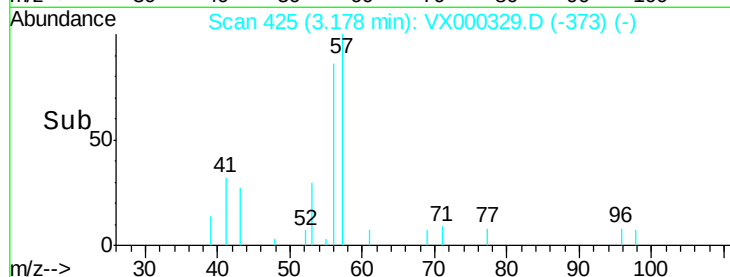
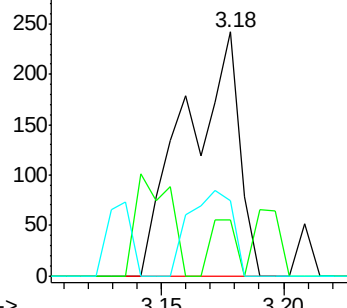
51 28.6 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.44 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000329.D

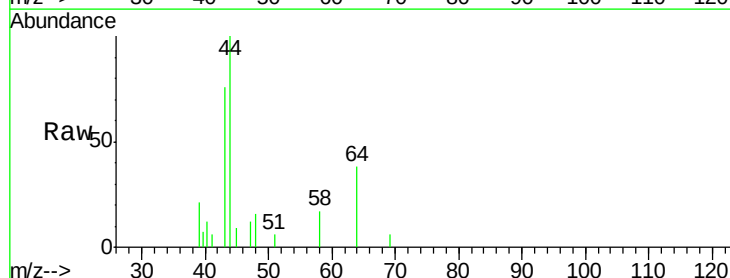
Acq: 15 Mar 2018 15:28

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

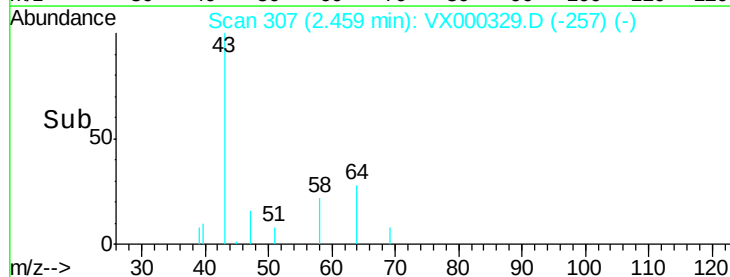
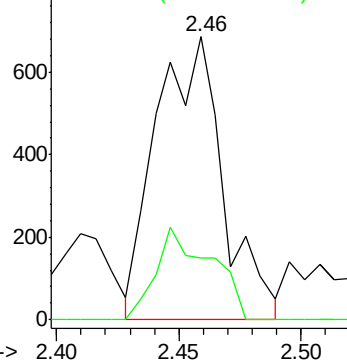
43 100

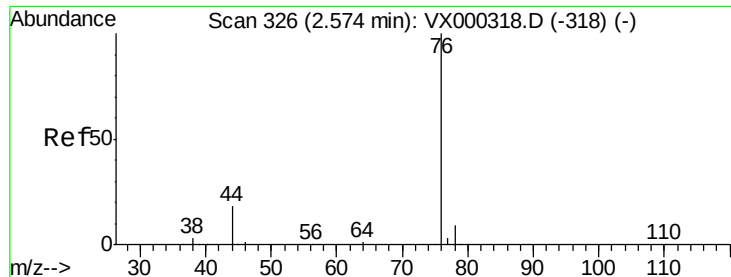
58 23.8 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

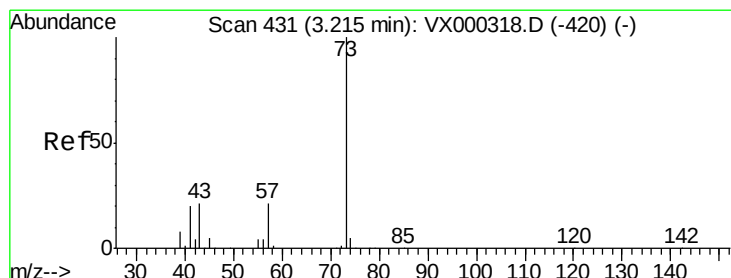
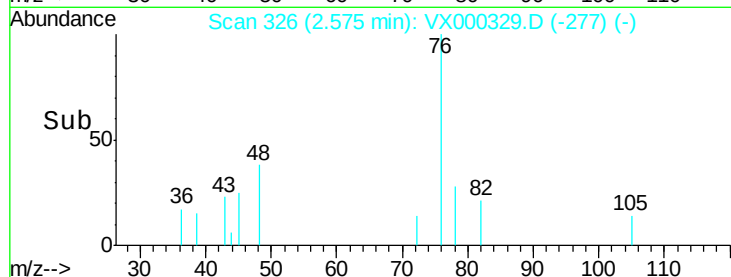
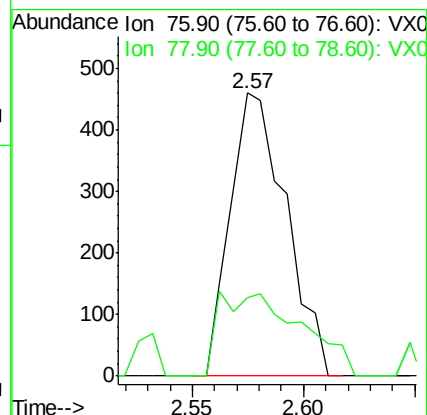
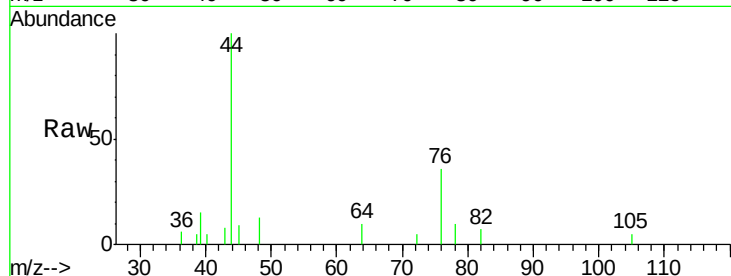
SB-04-12-13DL

Tgt Ion: 76 Resp: 804

Ion Ratio Lower Upper

76 100

78 27.6 7.0 10.6#



#19

Methyl tert-butyl Ether

Concen: 0.36 ug/l

RT: 3.22 min Scan# 432

Delta R.T. 0.01 min

Lab File: VX000329.D

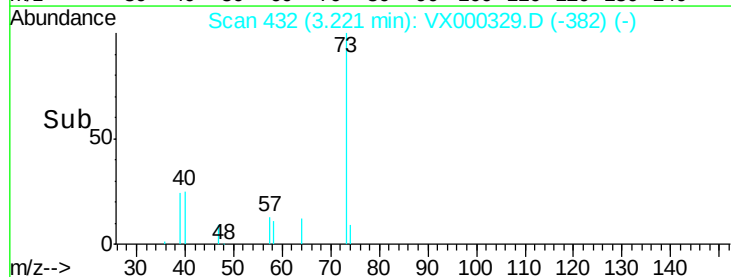
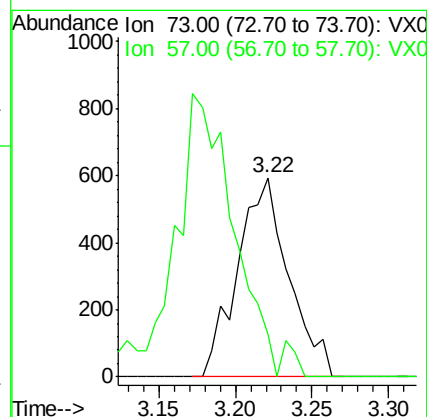
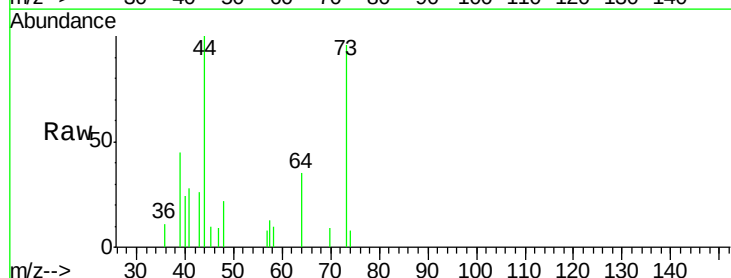
Acq: 15 Mar 2018 15:28

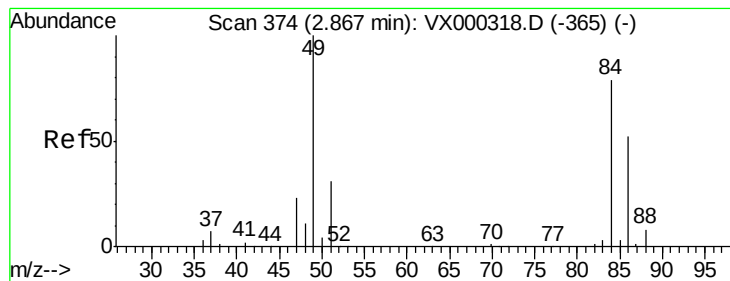
Tgt Ion: 73 Resp: 1383

Ion Ratio Lower Upper

73 100

57 21.8 17.2 25.8





#20

Methylene Chloride

Concen: 1.44 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

Tgt Ion: 84 Resp: 1694

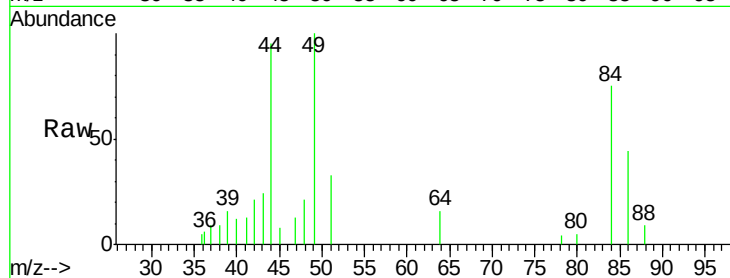
Ion Ratio Lower Upper

84 100

49 132.8 100.6 151.0

51 43.6 31.6 47.4

86 58.2 52.6 78.8



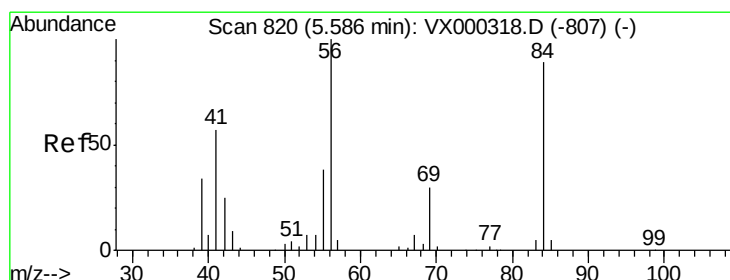
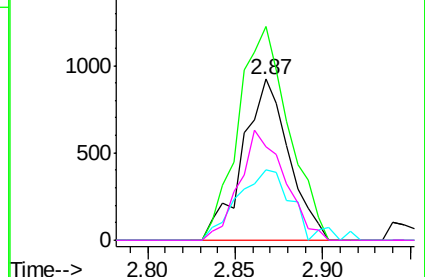
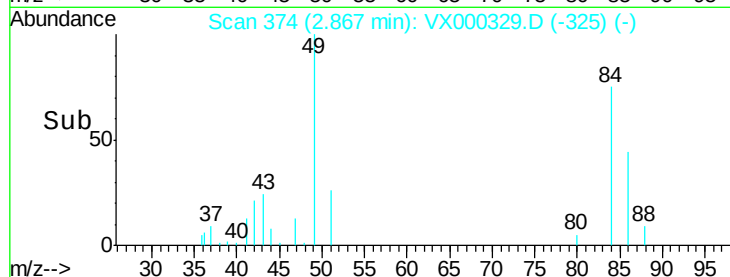
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

Time-->



#31

Cyclohexane

Concen: 3.01 ug/l

RT: 5.60 min Scan# 822

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

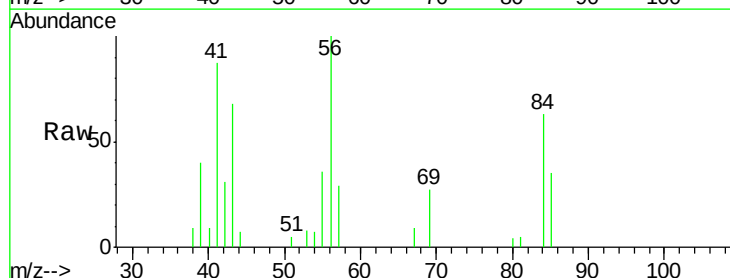
Tgt Ion: 56 Resp: 4640

Ion Ratio Lower Upper

56 100

69 22.3 23.4 35.0#

84 63.2 71.0 106.4#

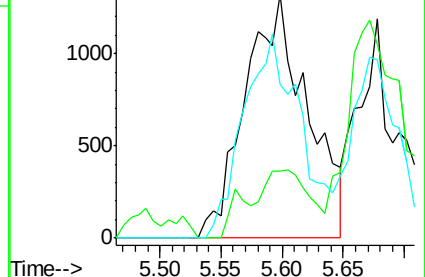
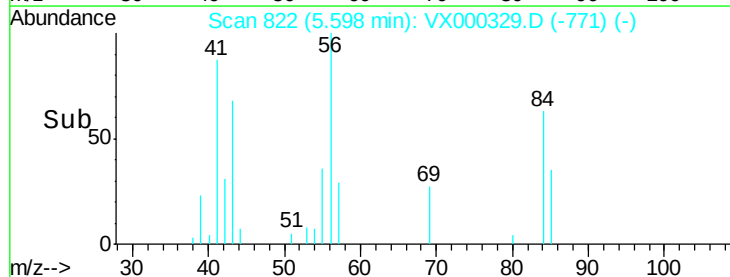


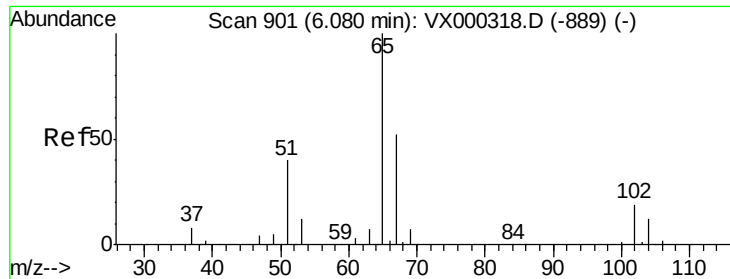
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

Time-->

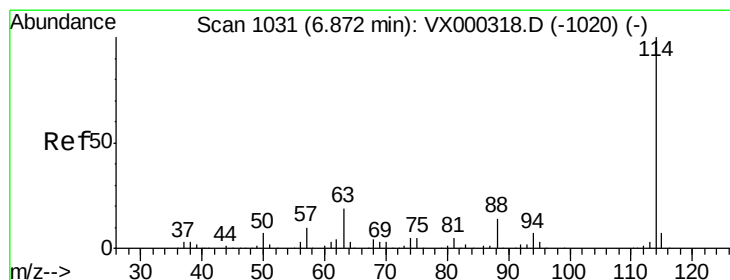
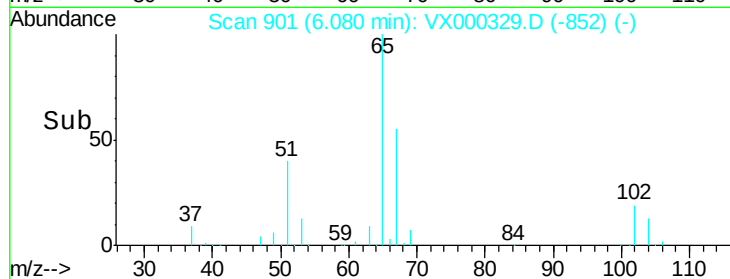
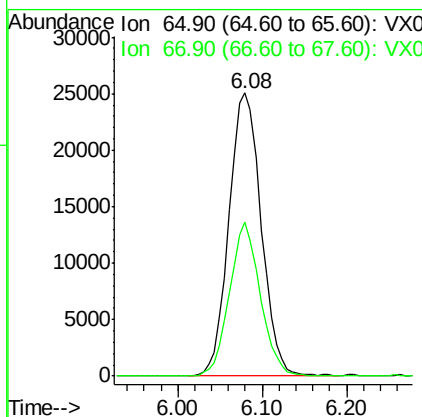
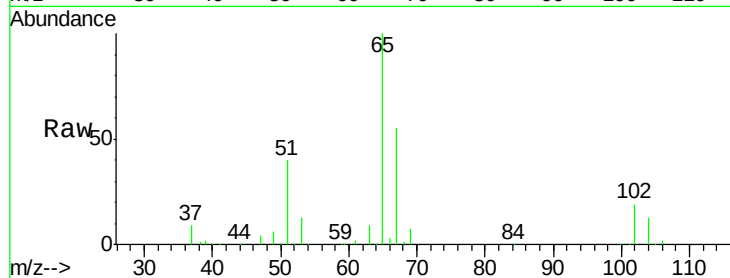




#33
 1,2-Dichloroethane-d4
 Concen: 47.62 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

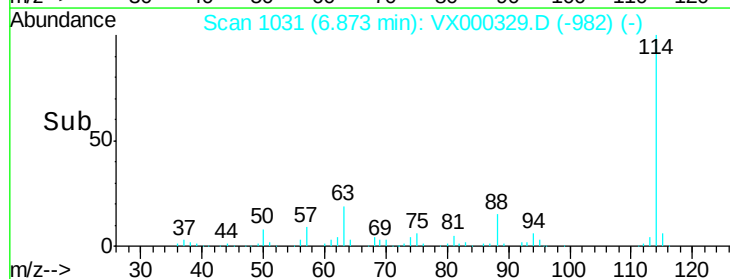
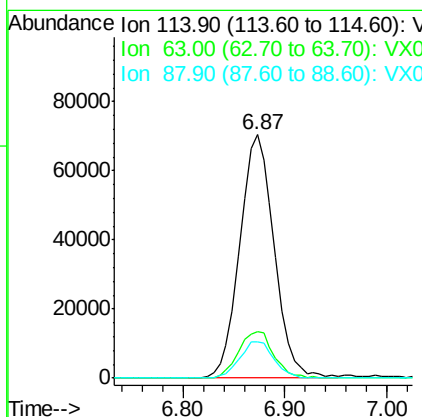
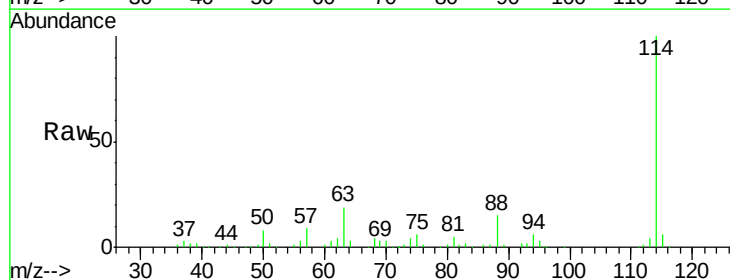
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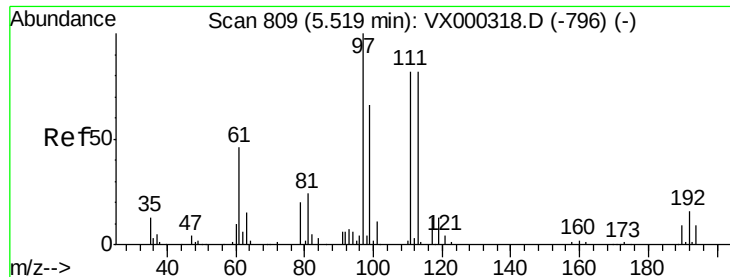
Tgt Ion: 65 Resp: 64975
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

Tgt Ion: 114 Resp: 165153
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

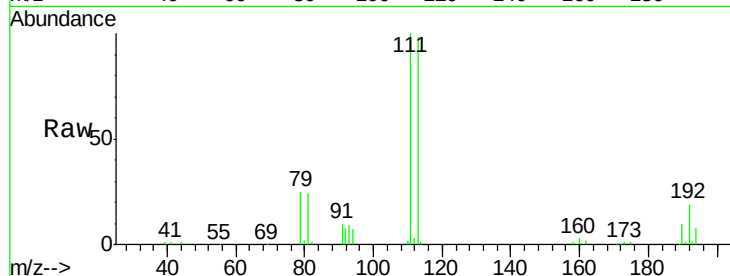
Tgt Ion:113 Resp: 50744

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

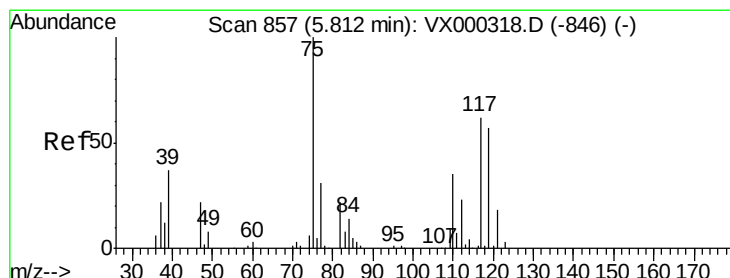
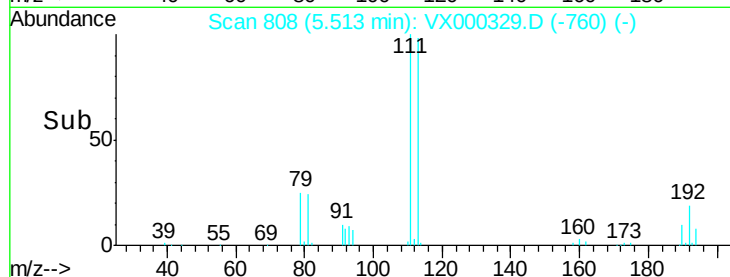
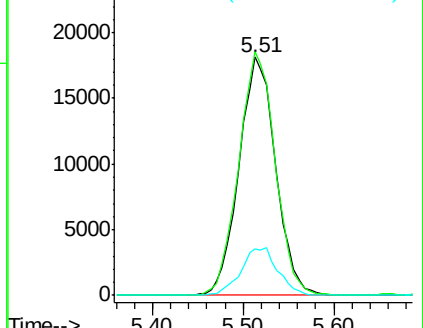
192 20.0 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 5.28 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

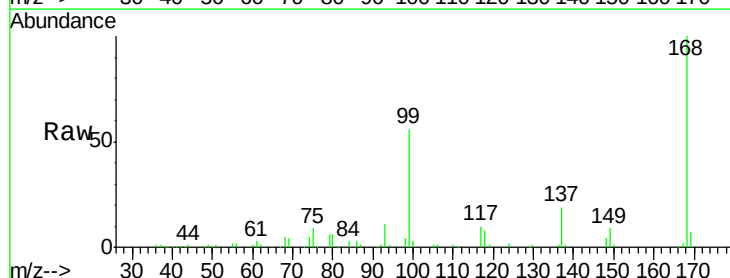
Tgt Ion: 75 Resp: 7928

Ion Ratio Lower Upper

75 100

110 9.5 17.9 53.7#

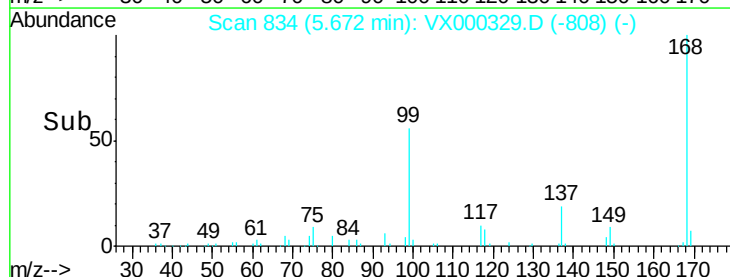
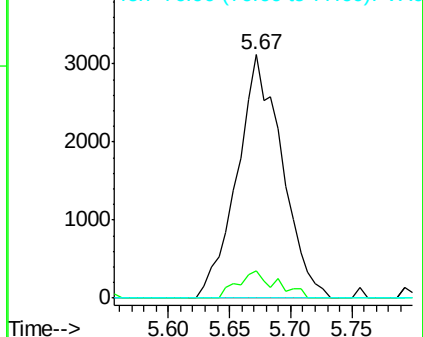
77 0.0 24.0 36.0#

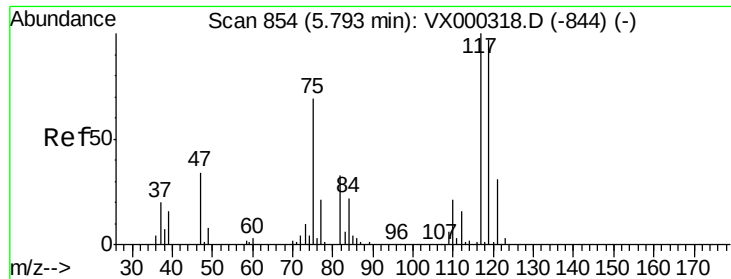


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.45 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

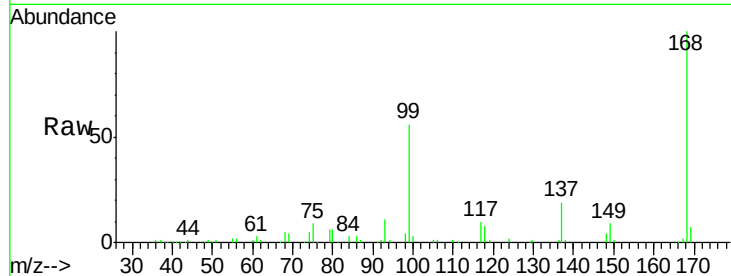
Tgt Ion:117 Resp: 9757

Ion Ratio Lower Upper

117 100

119 5.6 77.4 116.2#

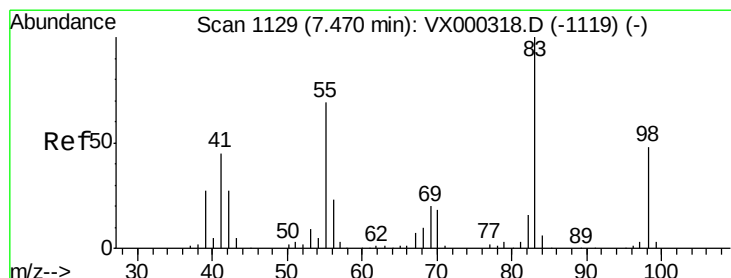
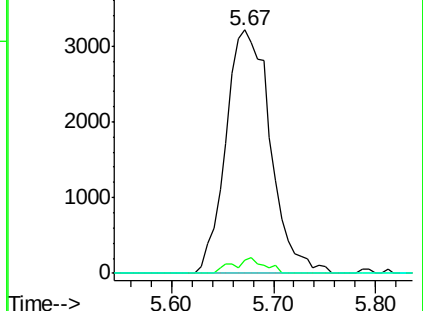
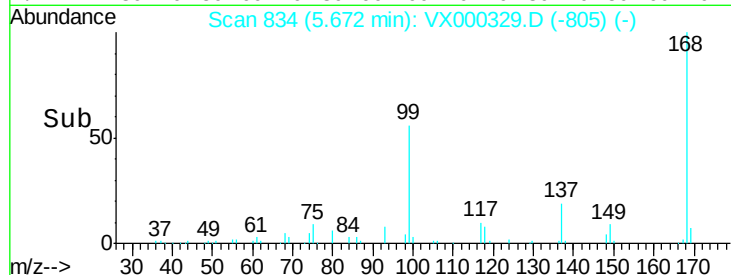
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 8.73 ug/l

RT: 7.48 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

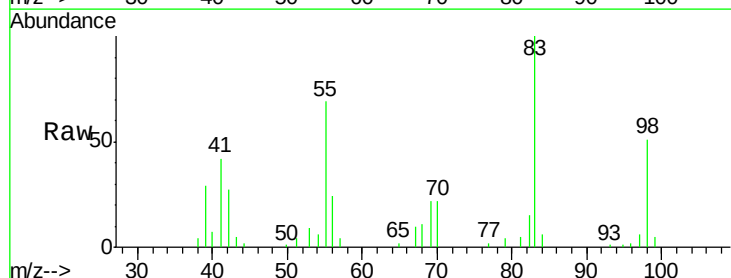
Tgt Ion: 83 Resp: 15279

Ion Ratio Lower Upper

83 100

55 68.9 55.5 83.3

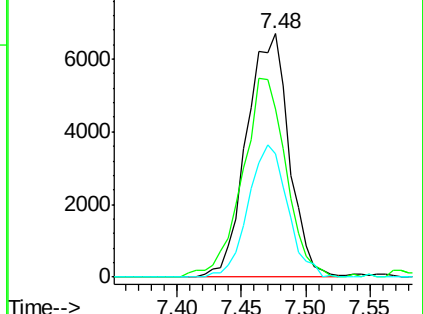
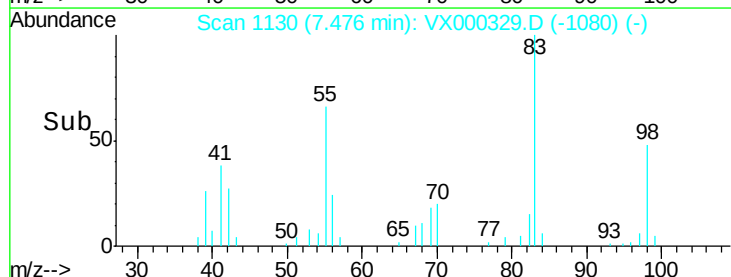
98 50.7 38.2 57.4

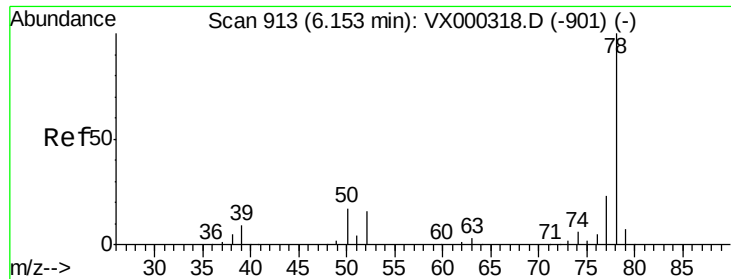


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.27 ug/l

RT: 6.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

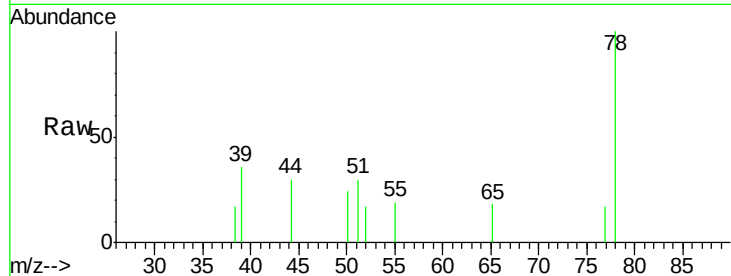
SB-04-12-13DL

Tgt Ion: 78 Resp: 1162

Ion Ratio Lower Upper

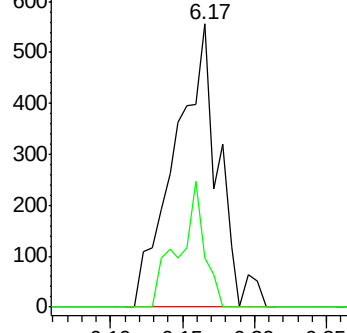
78 100

77 17.4 18.7 28.1#

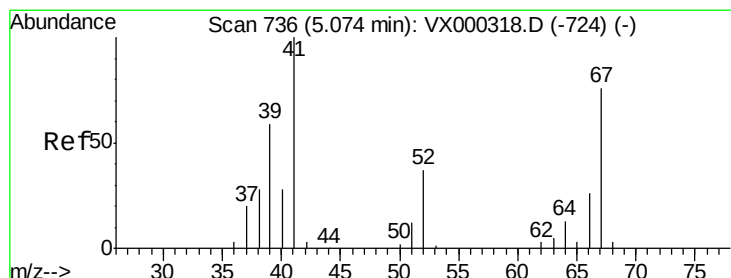
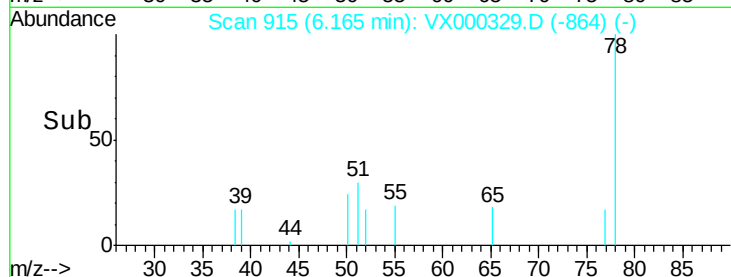


Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#41

Methacrylonitrile

Concen: 0.31 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Tgt Ion: 41 Resp: 325

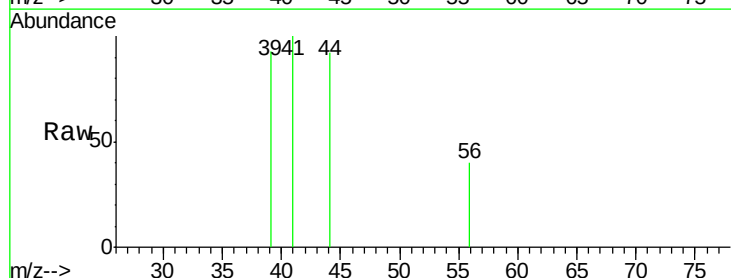
Ion Ratio Lower Upper

41 100

39 72.3 45.7 68.5#

67 0.0 57.8 86.8#

52 0.0 26.7 40.1#

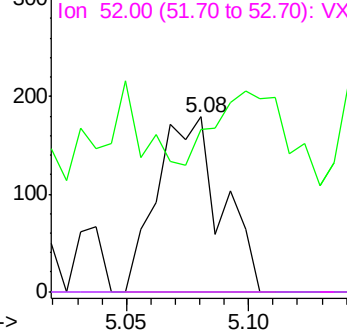


Abundance Ion 41.00 (40.70 to 41.70): VX0

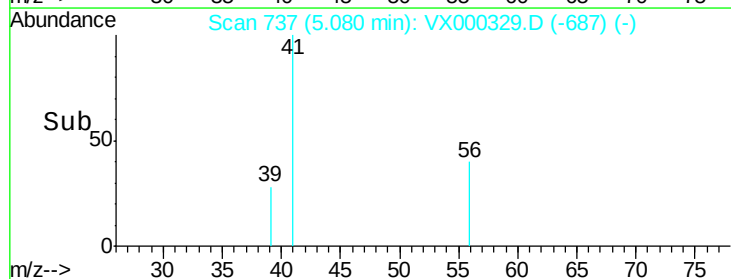
Ion 39.00 (38.70 to 39.70): VX0

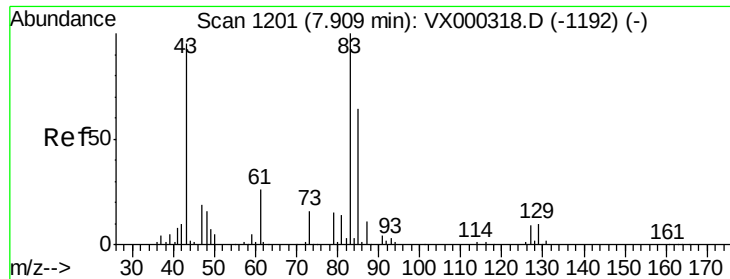
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->





#47

Bromodichloromethane

Concen: 0.70 ug/l

RT: 7.98 min Scan# 1212

Delta R.T. 0.07 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

SB-04-12-13DL

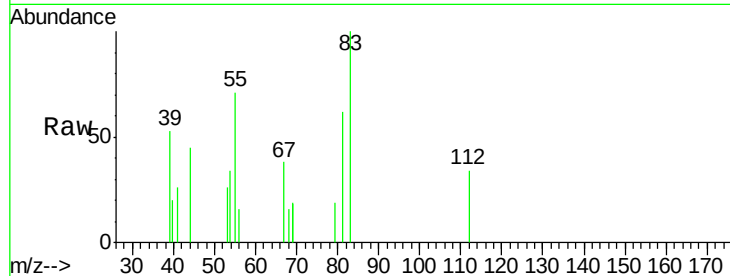
Tgt Ion: 83 Resp: 1053

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

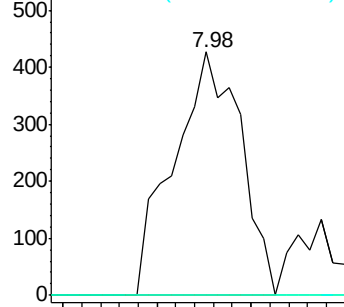
127 0.0 7.0 10.6#



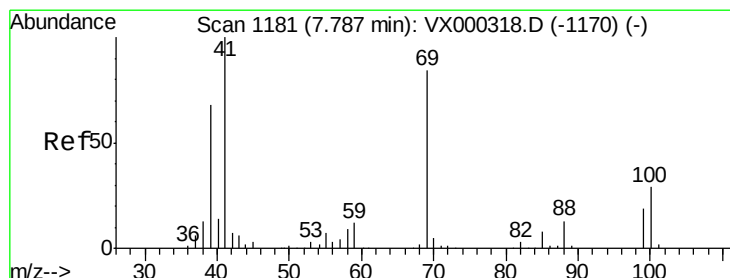
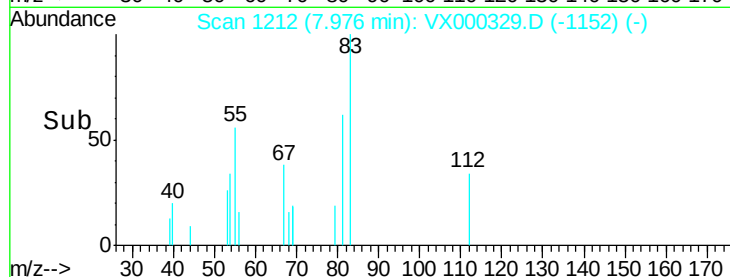
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 1.22 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.05 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

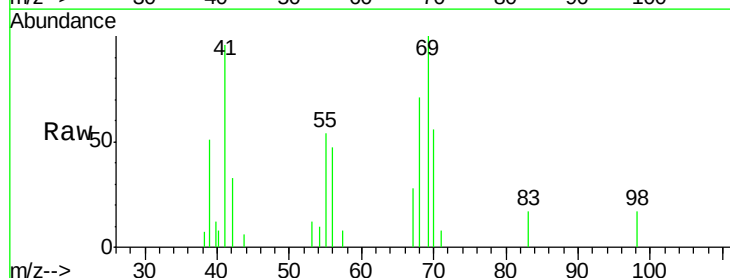
Tgt Ion: 41 Resp: 1782

Ion Ratio Lower Upper

41 100

69 91.1 68.2 102.4

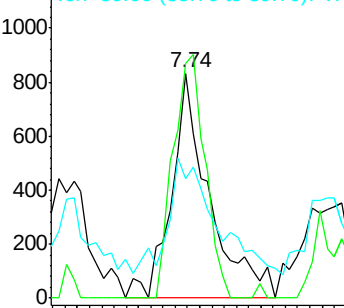
39 64.9 54.6 81.8



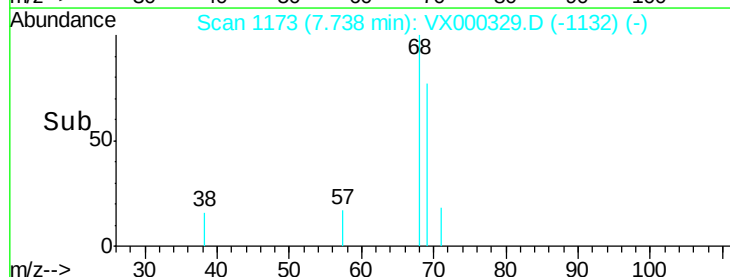
Abundance Ion 41.00 (40.70 to 41.70): VX0

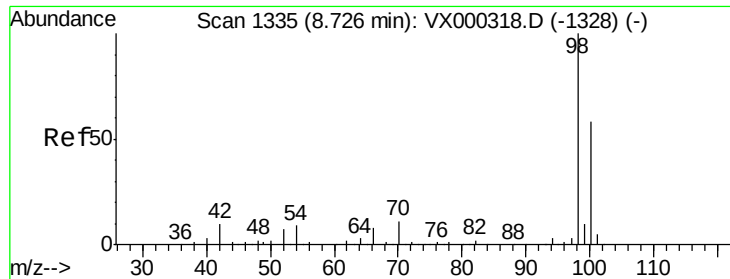
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

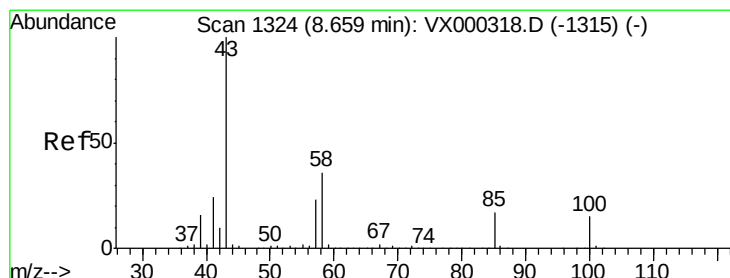
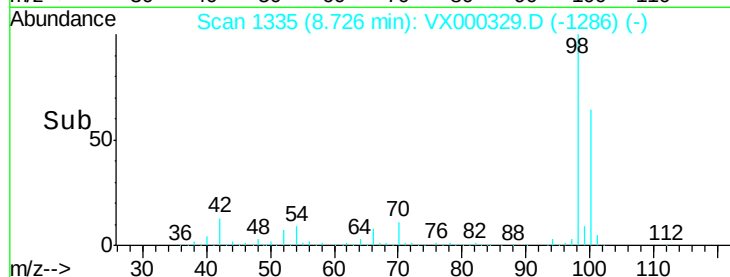
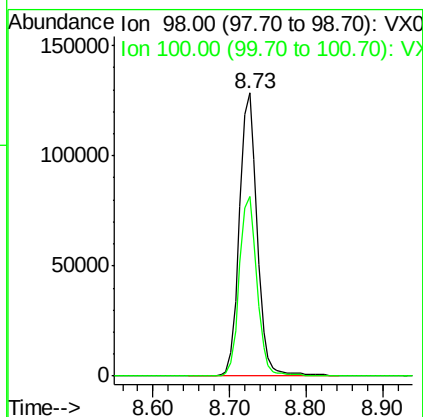
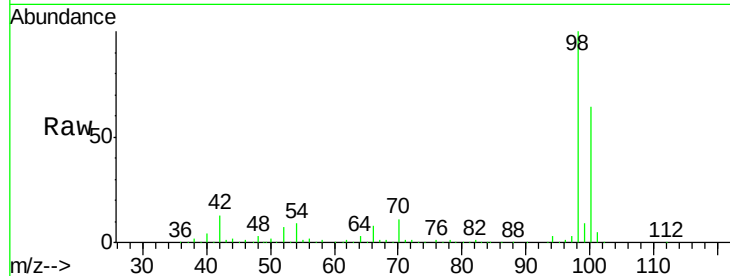




#50
Toluene-d8
Concen: 47.79 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

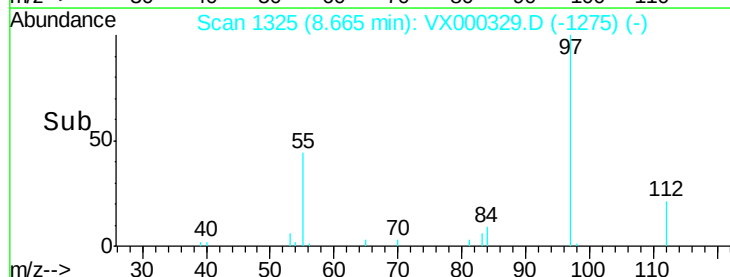
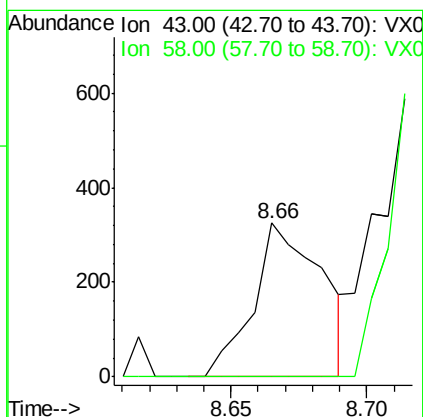
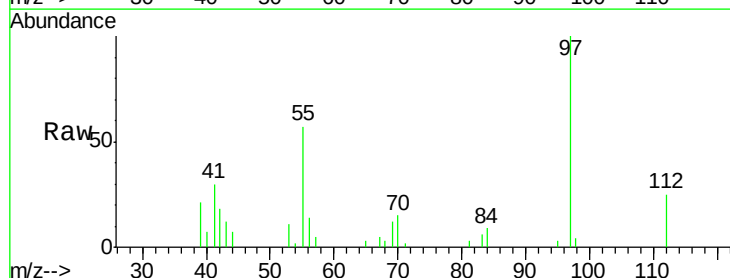
Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13DL

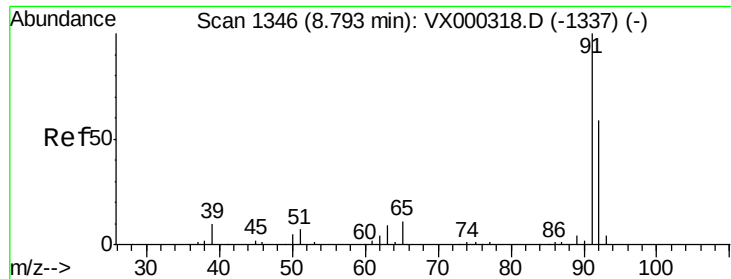
Tgt Ion: 98 Resp: 207718
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#





#52

Toluene

Concen: 1.21 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

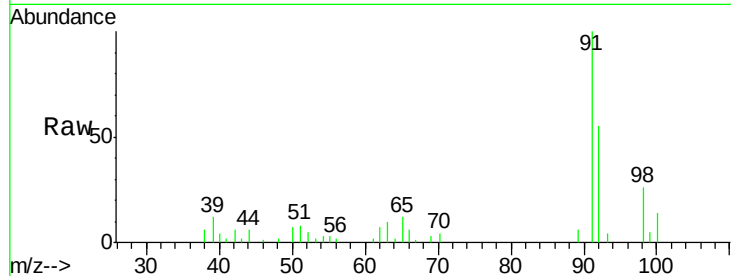
SB-04-12-13DL

Tgt Ion: 92 Resp: 3620

Ion Ratio Lower Upper

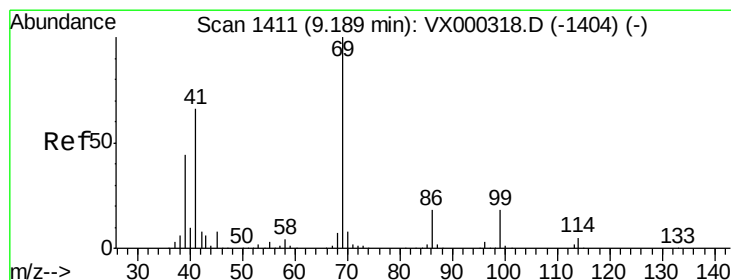
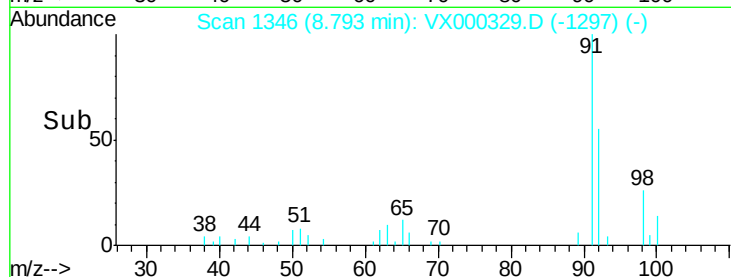
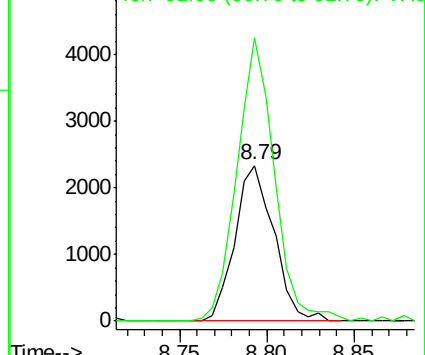
92 100

91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#56

Ethyl methacrylate

Concen: 0.20 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

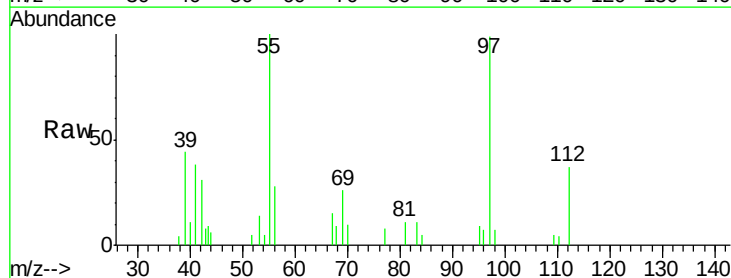
Tgt Ion: 69 Resp: 358

Ion Ratio Lower Upper

69 100

41 270.7 53.0 79.6#

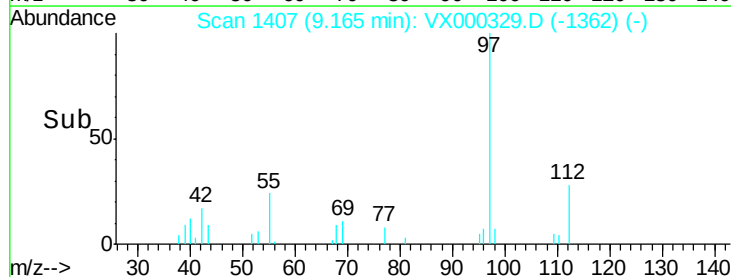
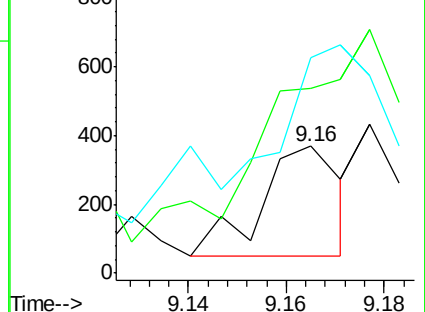
39 196.4 35.3 52.9#

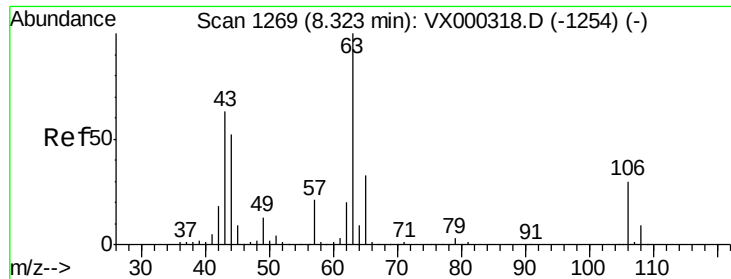


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

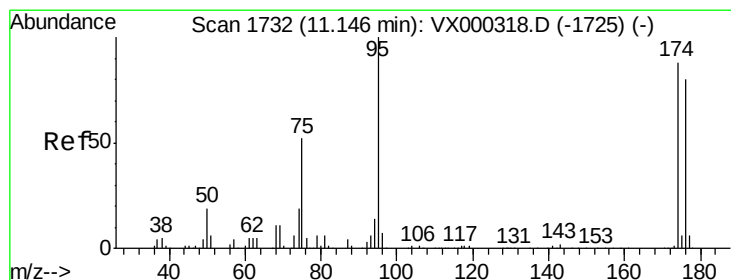
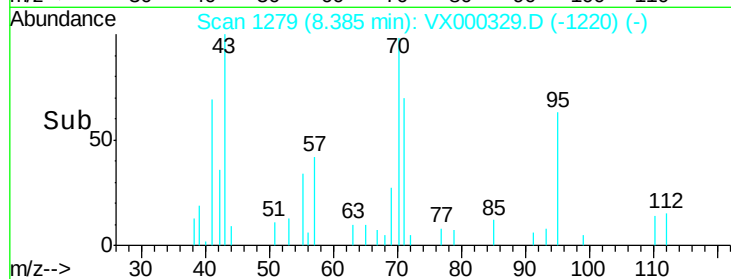
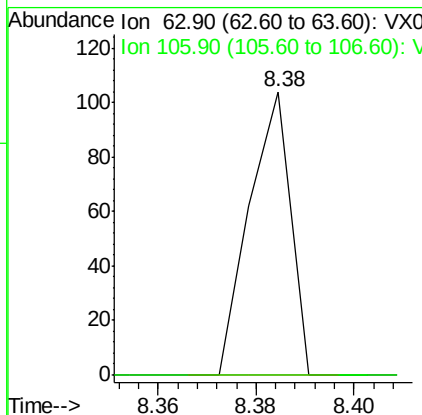
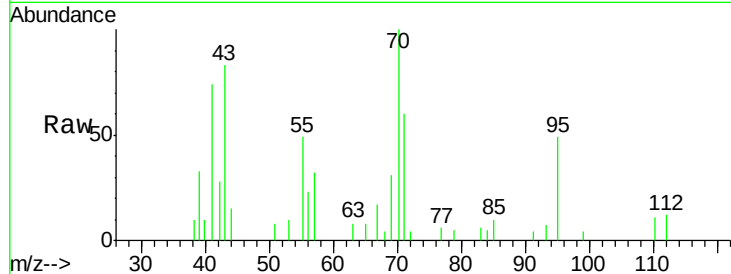




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 8.38 min Scan# 1279
 Delta R.T. 0.06 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

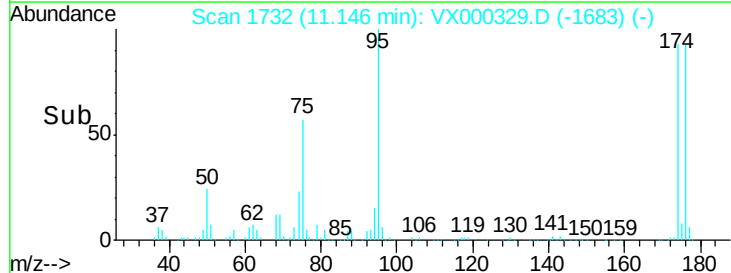
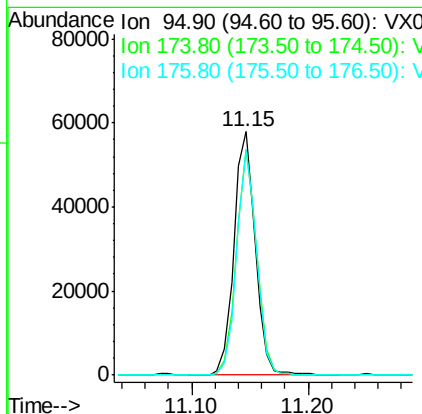
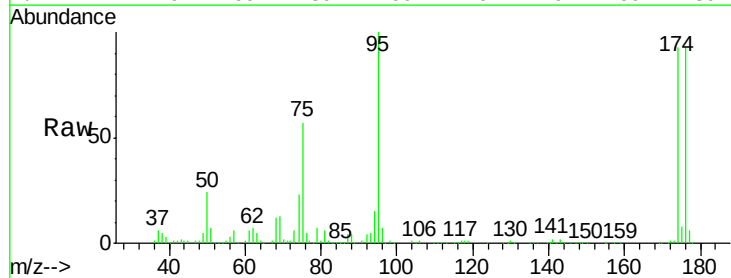
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

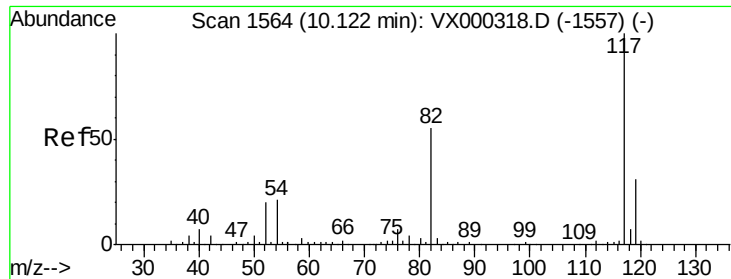
Tgt Ion: 63 Resp: 61
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.2 34.8#



#62
 4-Bromofluorobenzene
 Concen: 42.39 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

Tgt Ion: 95 Resp: 73900
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 173.6
 176 86.7 0.0 164.6

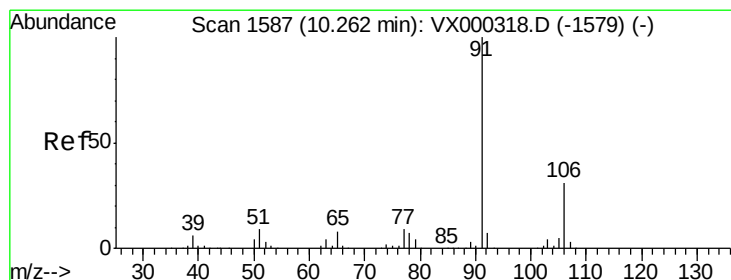
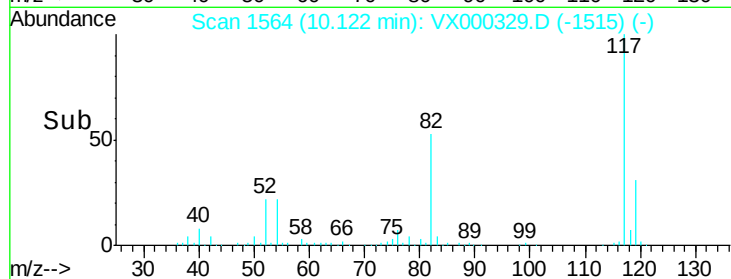
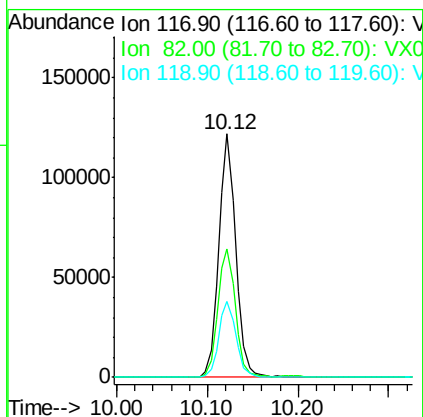
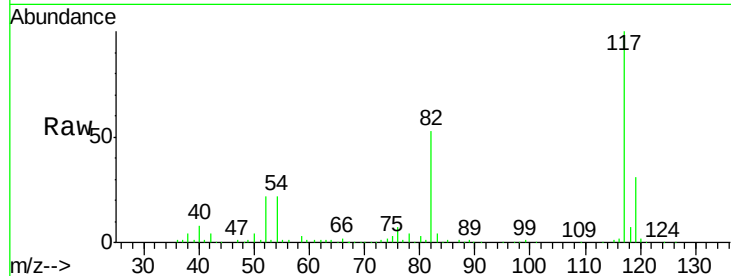




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

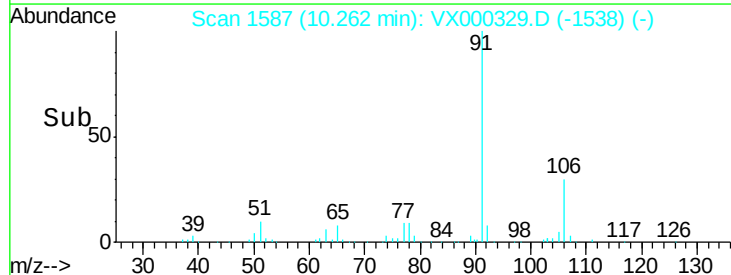
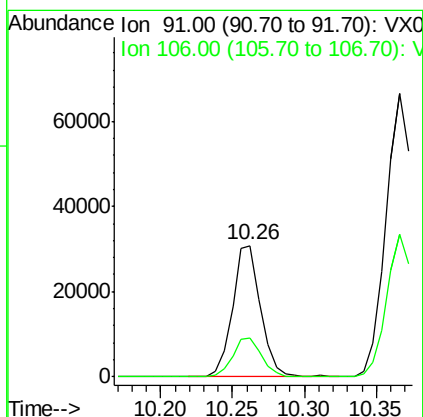
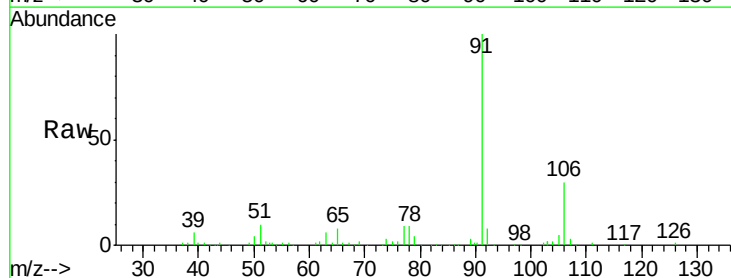
Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

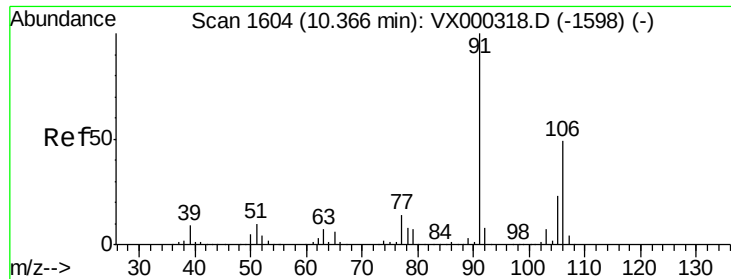
Tgt Ion: 117 Resp: 159890
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 31.2 24.9 37.3



#67
Ethyl Benzene
Concen: 7.61 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 91 Resp: 42240
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6

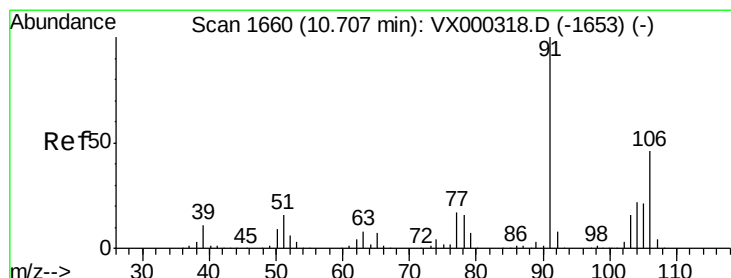
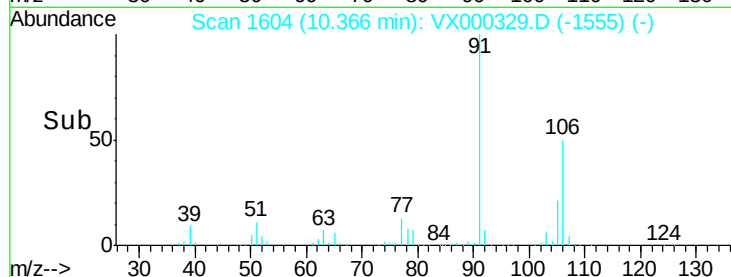
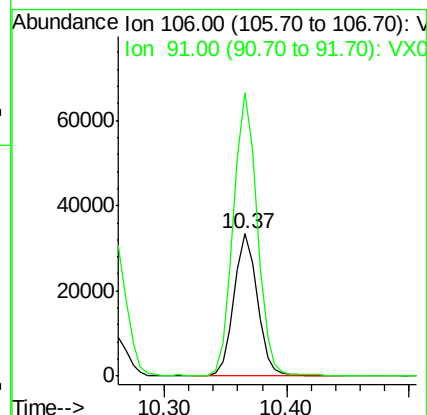
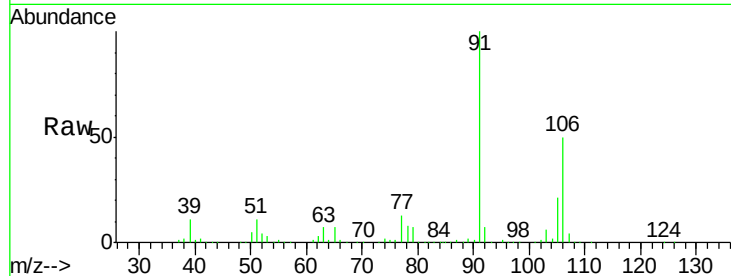




#68
m/p-Xylenes
Concen: 20.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

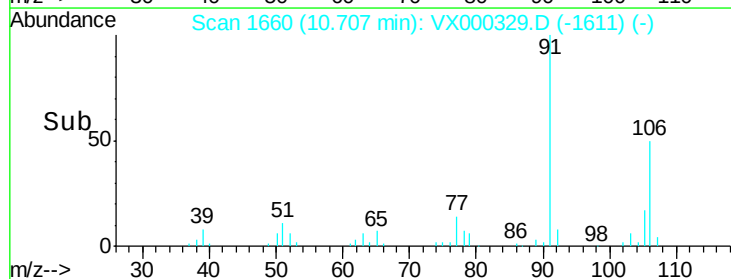
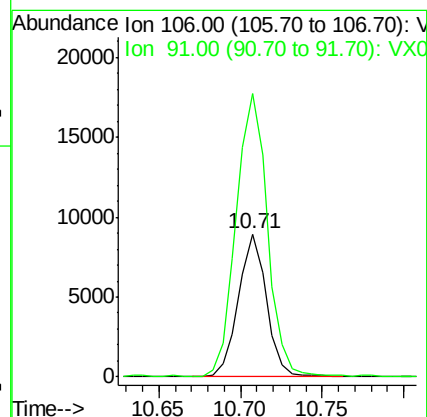
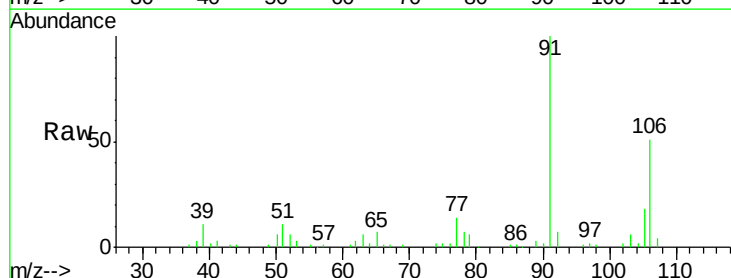
Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

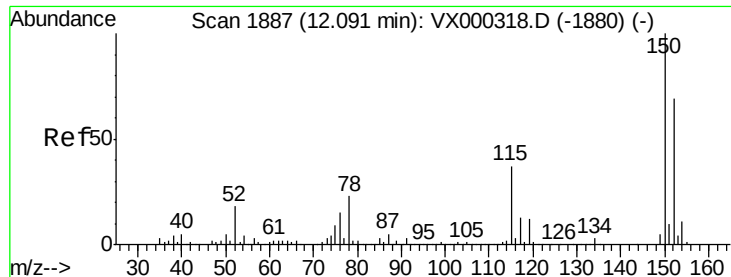
Tgt Ion:106 Resp: 44203
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2



#69
o-Xylene
Concen: 5.12 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion:106 Resp: 10765
Ion Ratio Lower Upper
106 100
91 220.8 106.5 319.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

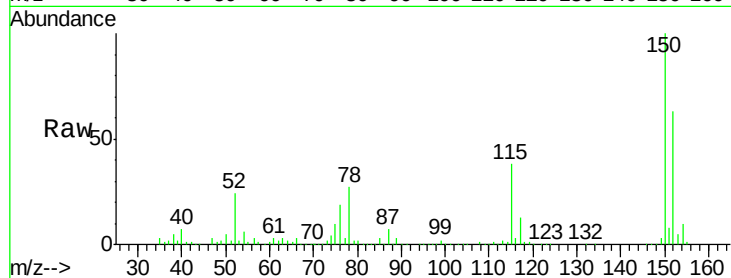
Tgt Ion:152 Resp: 84952

Ion Ratio Lower Upper

152 100

115 58.4 39.8 119.3

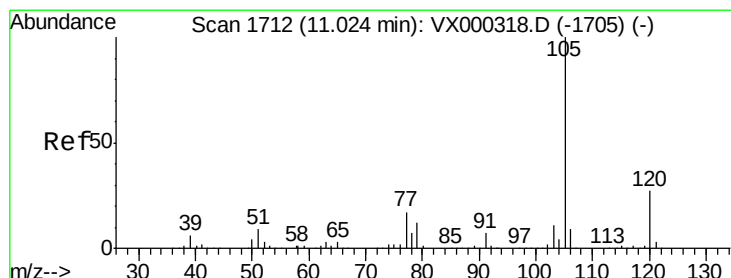
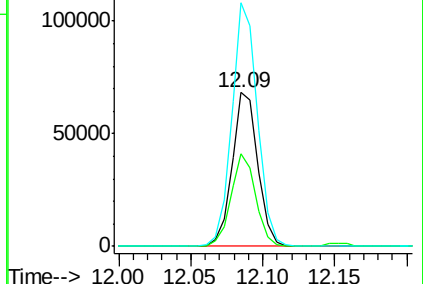
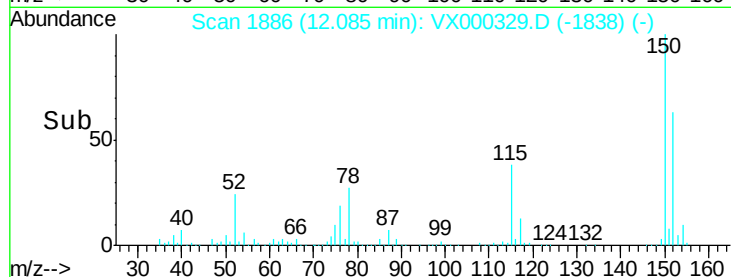
150 158.0 0.0 344.4



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: 1.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000329.D

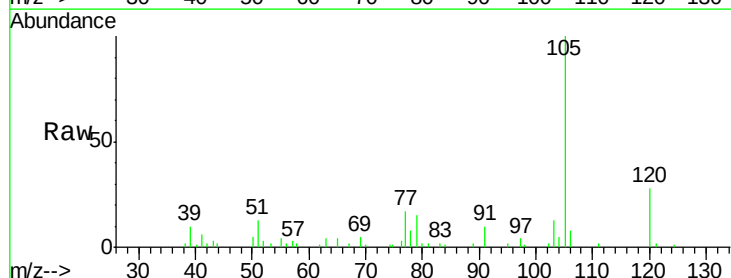
Acq: 15 Mar 2018 15:28

Tgt Ion:105 Resp: 8185

Ion Ratio Lower Upper

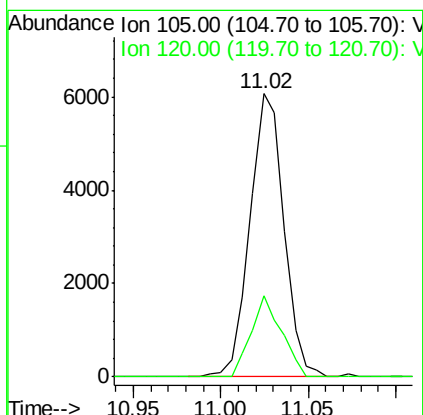
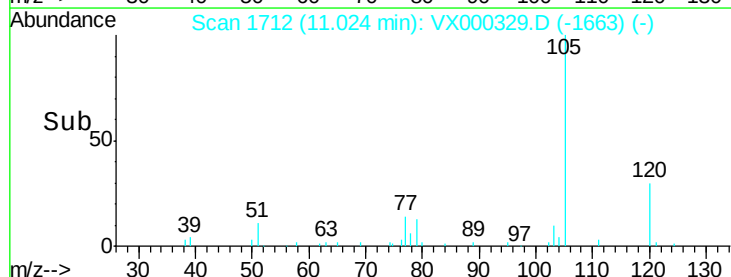
105 100

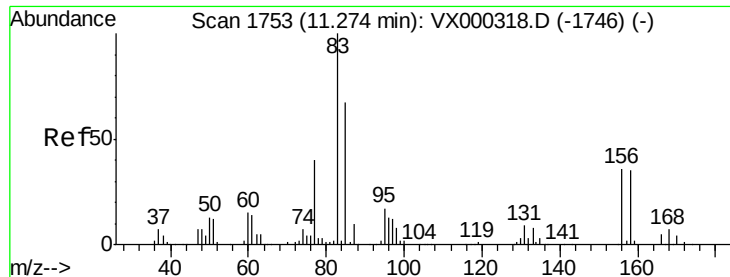
120 25.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.20 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

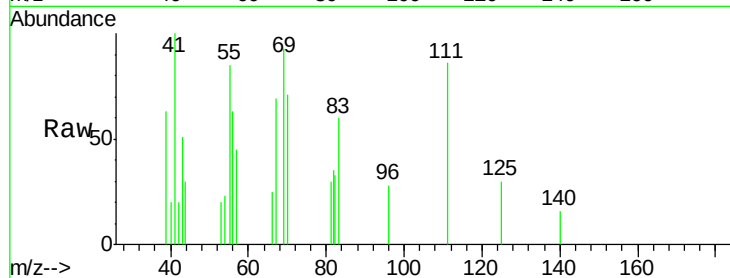
Tgt Ion: 83 Resp: 366

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

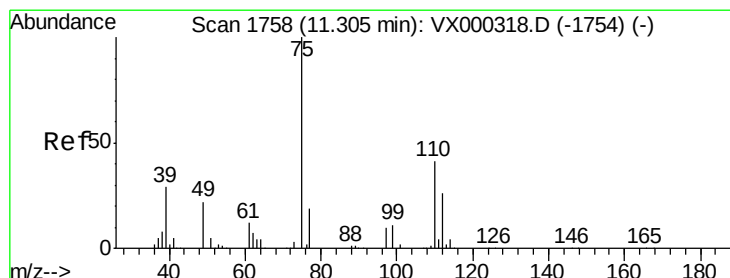
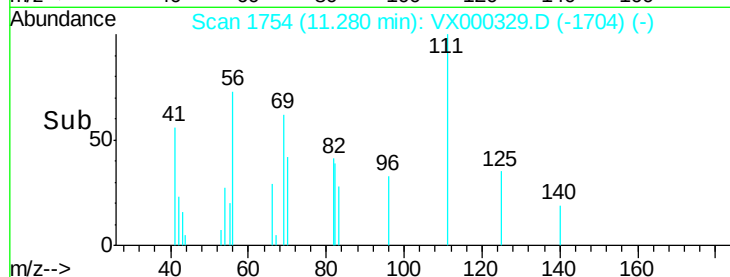
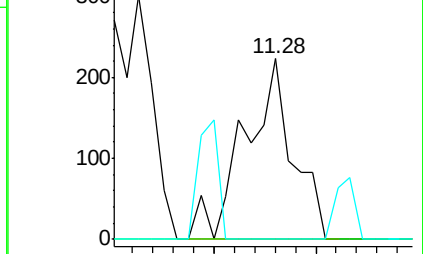
85 0.0 32.5 97.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.08 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000329.D

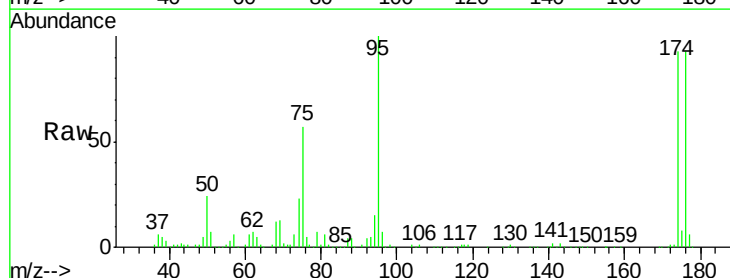
Acq: 15 Mar 2018 15:28

Tgt Ion: 75 Resp: 43014

Ion Ratio Lower Upper

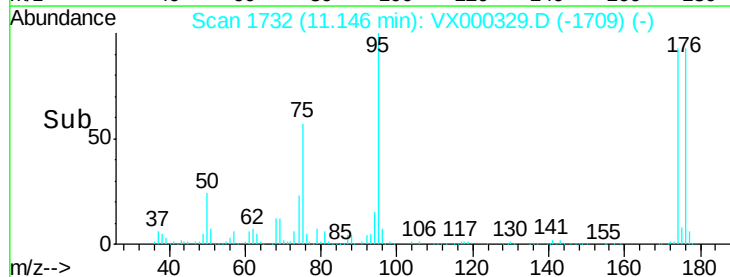
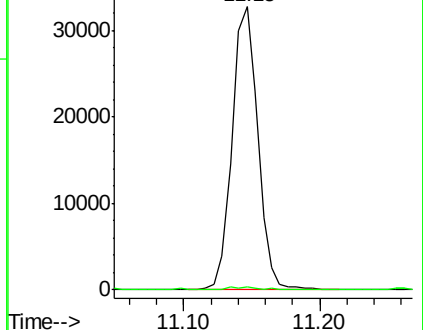
75 100

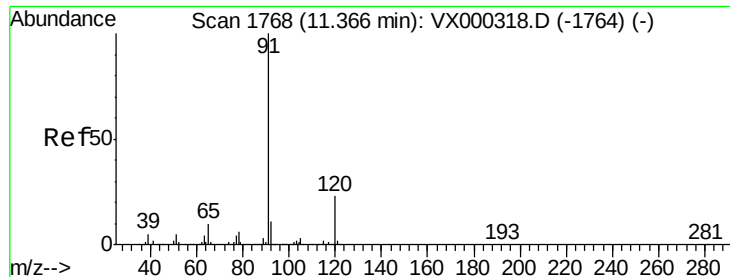
77 1.6 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.86 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampled :

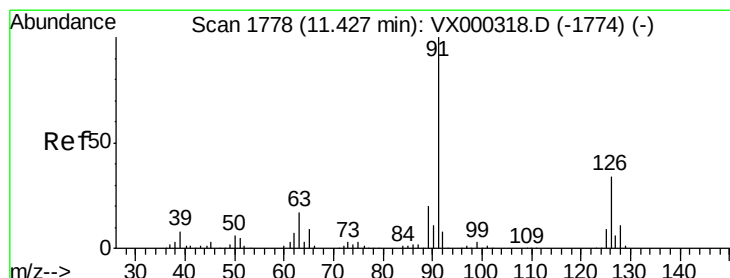
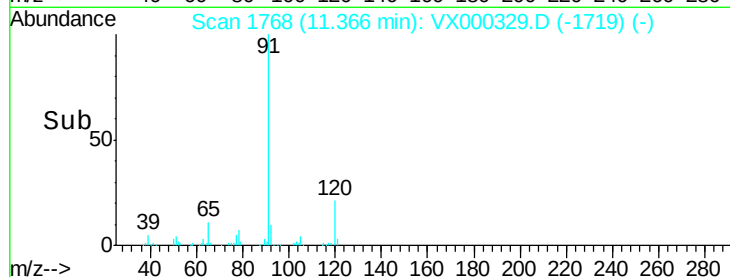
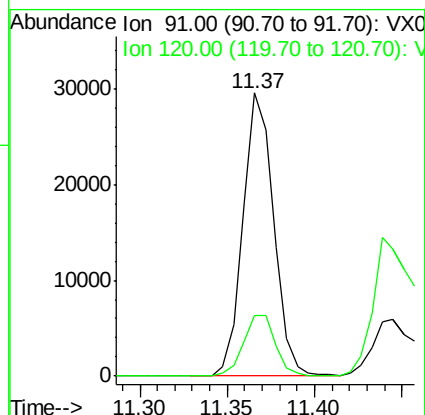
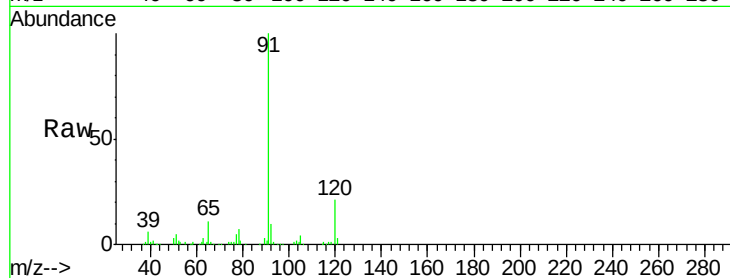
SB-04-12-13DL

Tgt Ion: 91 Resp: 36171

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3



#79

2-Chlorotoluene

Concen: 3.29 ug/l

RT: 11.44 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VX000329.D

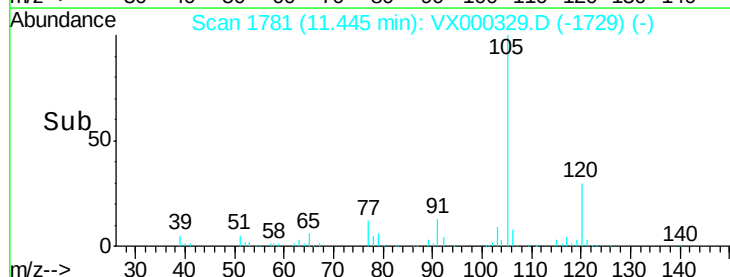
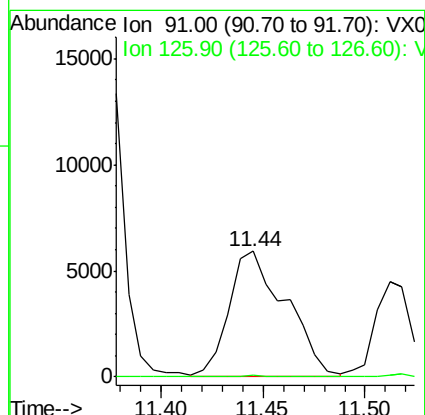
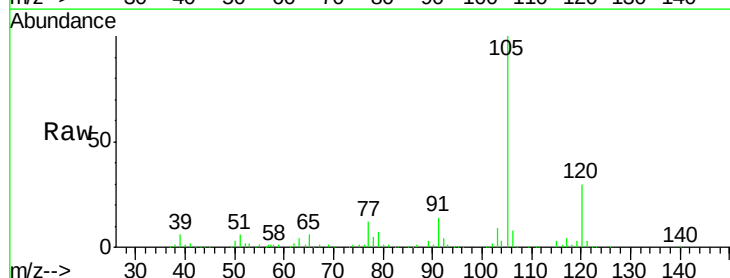
Acq: 15 Mar 2018 15:28

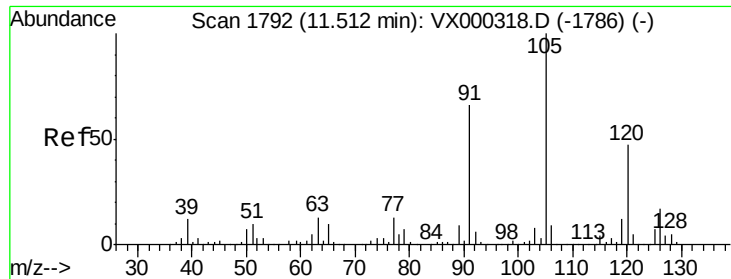
Tgt Ion: 91 Resp: 11534

Ion Ratio Lower Upper

91 100

126 0.2 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 10.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

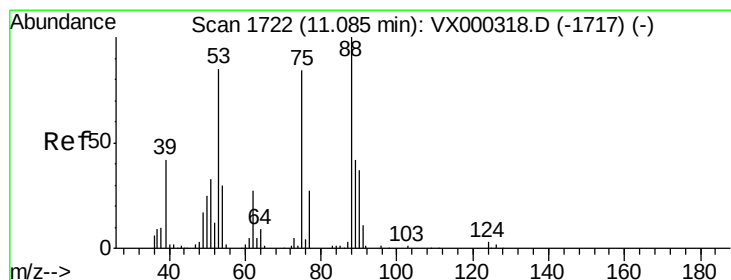
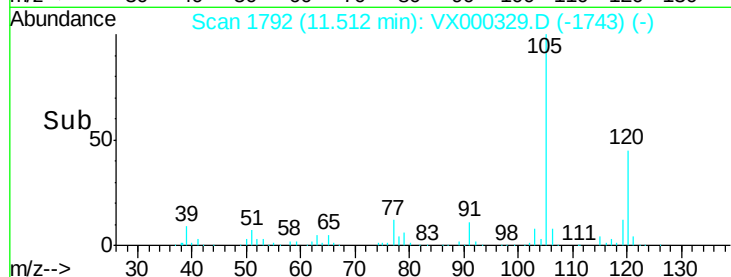
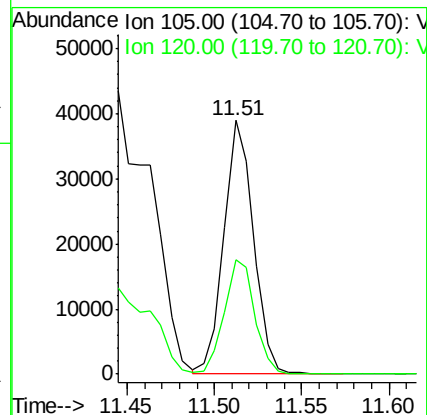
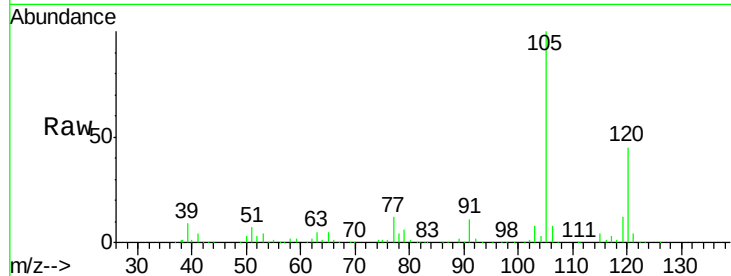
SB-04-12-13DL

Tgt Ion: 105 Resp: 45907

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 75.10 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

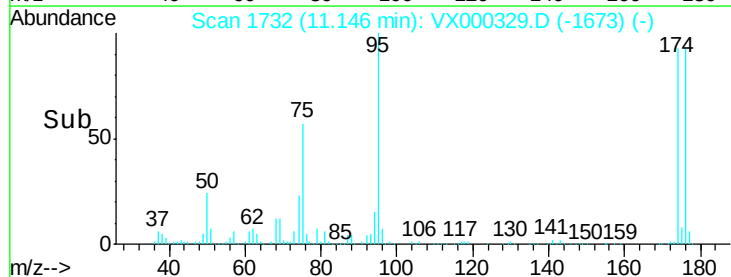
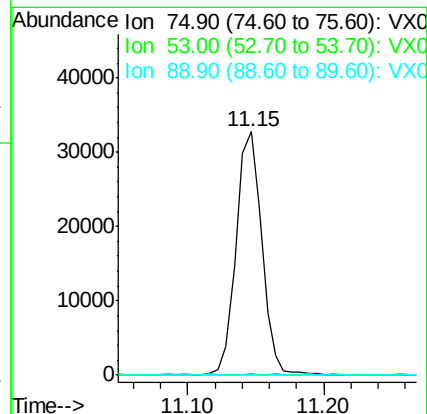
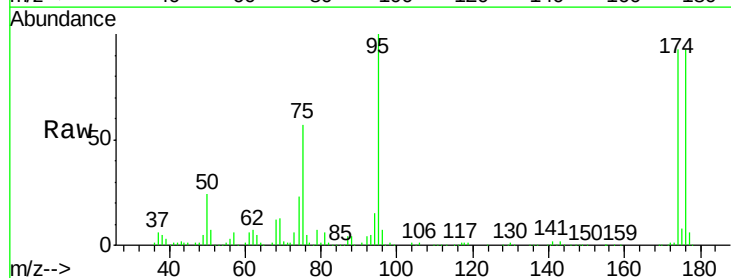
Tgt Ion: 75 Resp: 43014

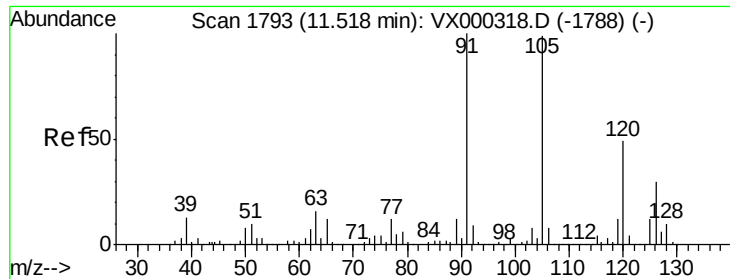
Ion Ratio Lower Upper

75 100

53 0.3 80.7 121.1#

89 0.0 39.4 59.0#

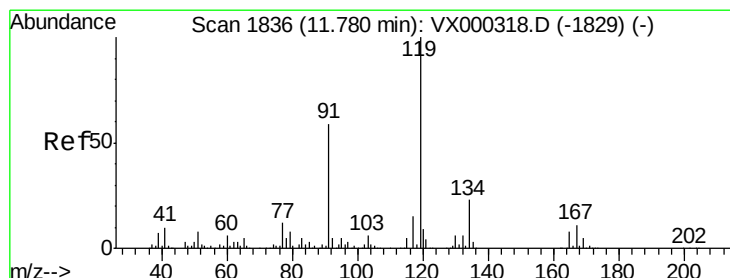
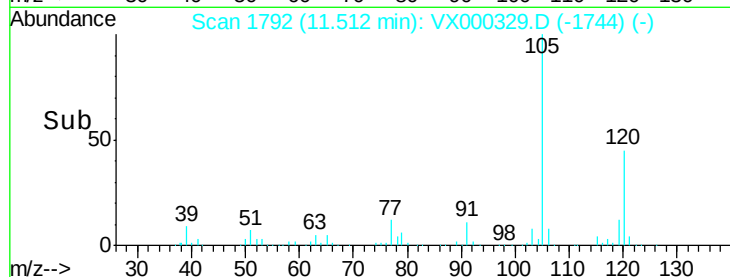
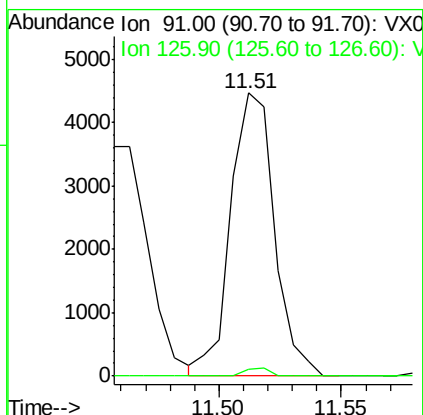
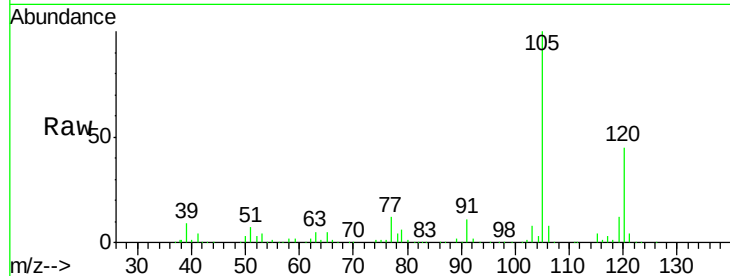




#82
4-Chlorotoluene
Concen: 1.29 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

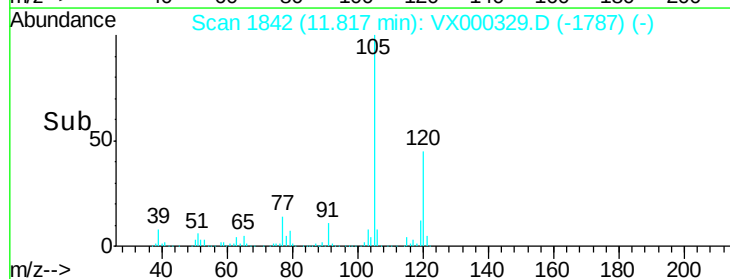
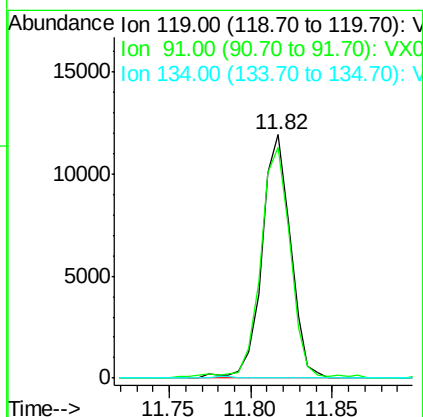
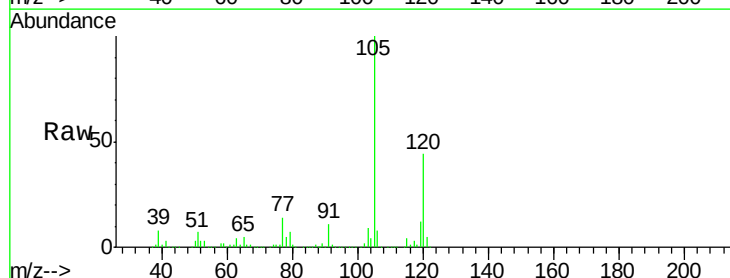
Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

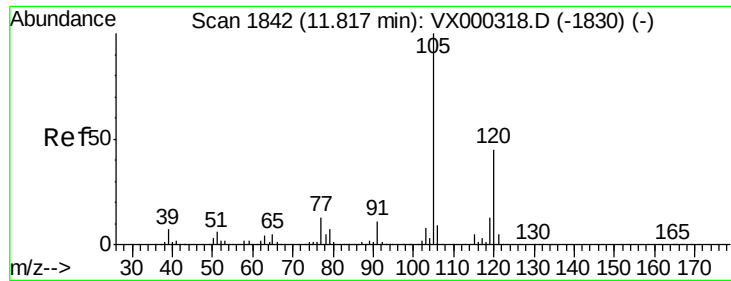
Tgt Ion: 91 Resp: 5554
Ion Ratio Lower Upper
91 100
126 1.6 15.4 46.1#



#83
tert-Butylbenzene
Concen: 3.42 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 119 Resp: 14559
Ion Ratio Lower Upper
119 100
91 98.5 28.8 86.4#
134 0.0 11.4 34.1#

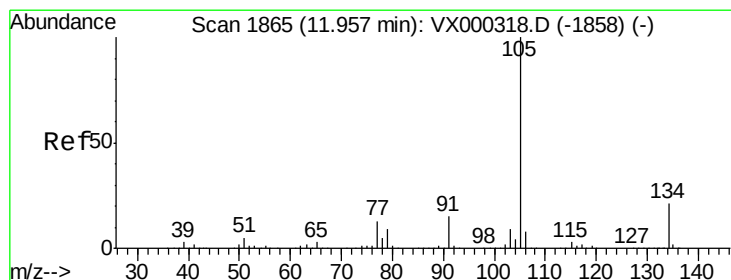
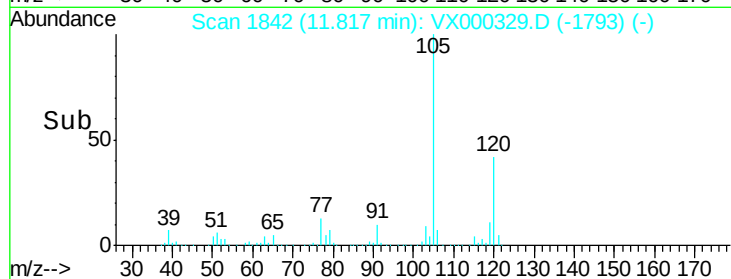
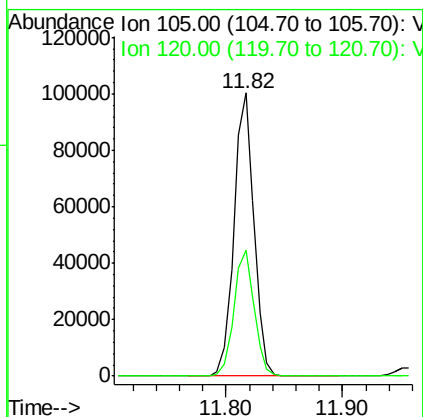
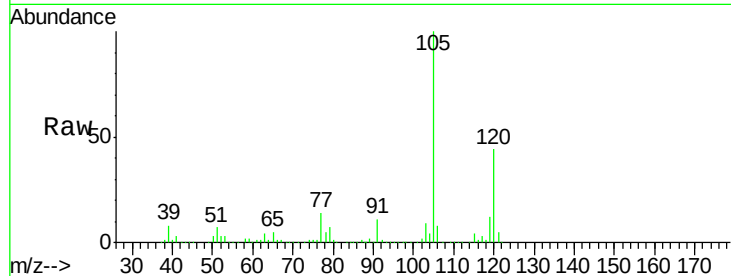




#84
 1,2,4-Trimethylbenzene
 Concen: 26.67 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

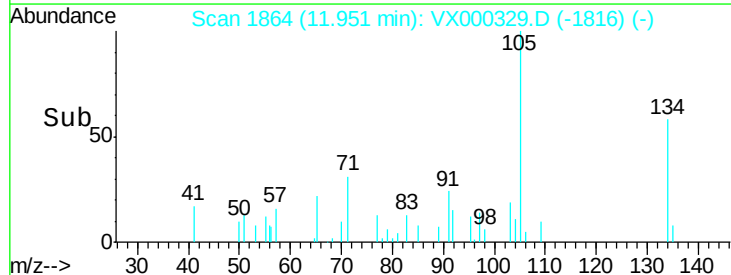
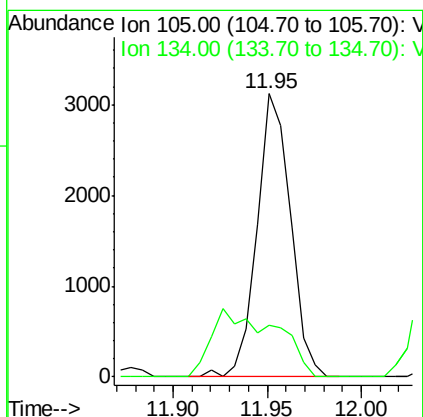
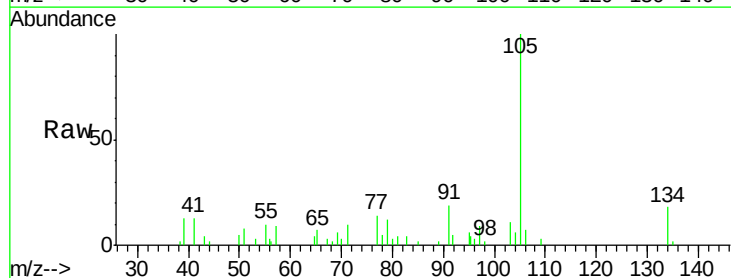
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

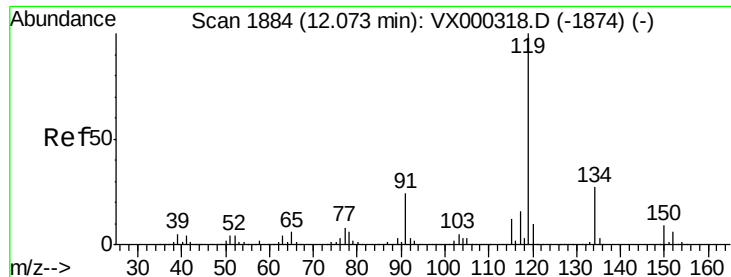
Tgt Ion:105 Resp: 119528
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 0.72 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

Tgt Ion:105 Resp: 3850
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

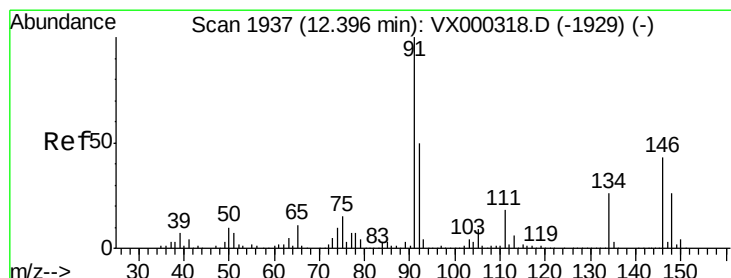
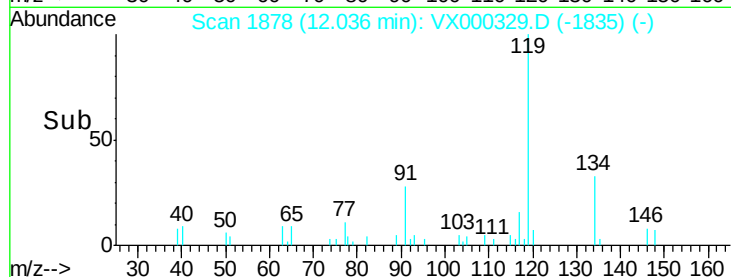
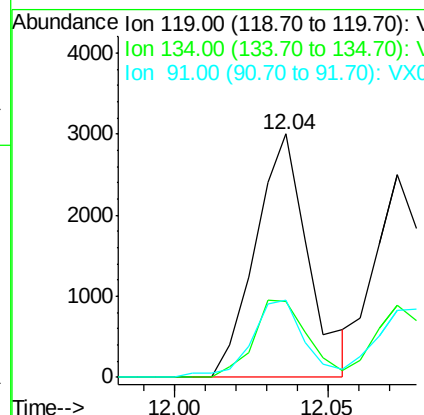
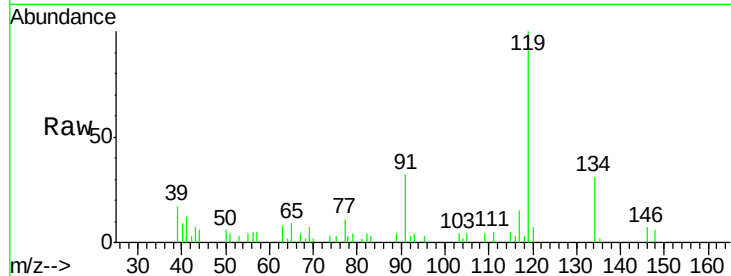




#86
p-Isopropyltoluene
Concen: 0.76 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. -0.04 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

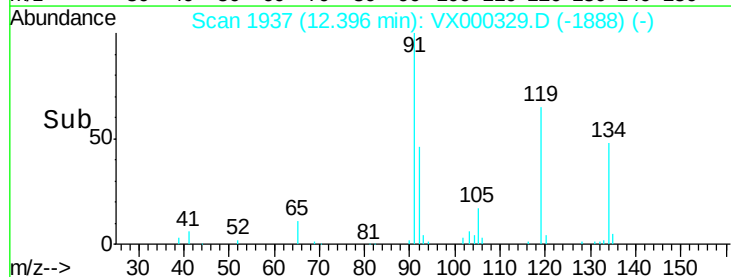
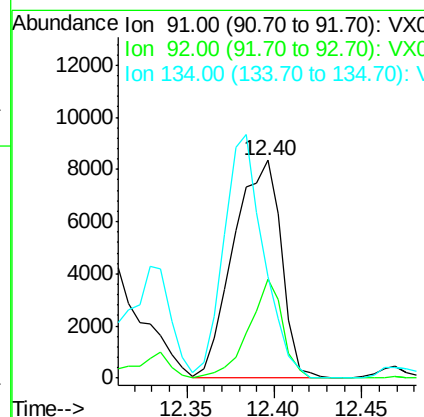
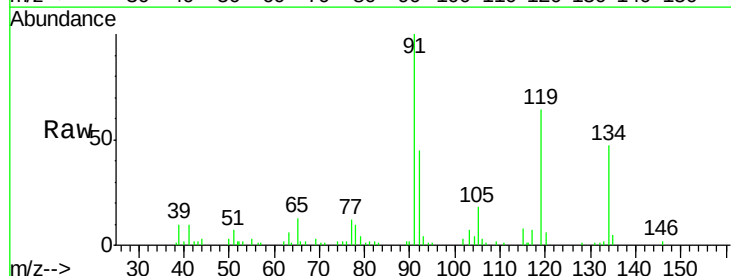
Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

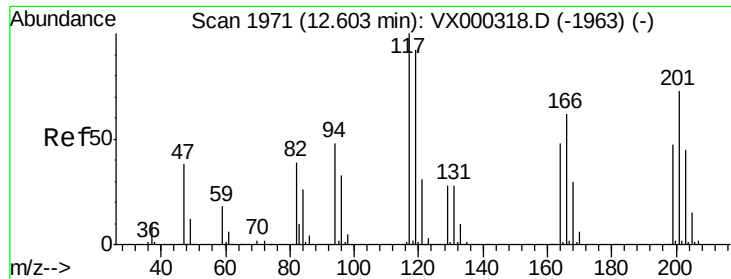
Tgt Ion: 119 Resp: 3605
Ion Ratio Lower Upper
119 100
134 32.6 13.3 39.9
91 31.8 12.0 36.1



#89
n-Butylbenzene
Concen: 3.43 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 91 Resp: 15796
Ion Ratio Lower Upper
91 100
92 32.3 25.9 77.8
134 93.6 13.1 39.3#

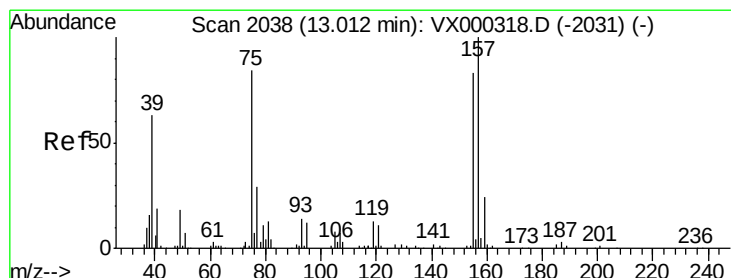
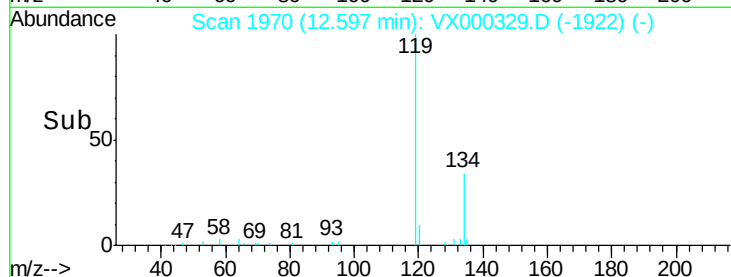
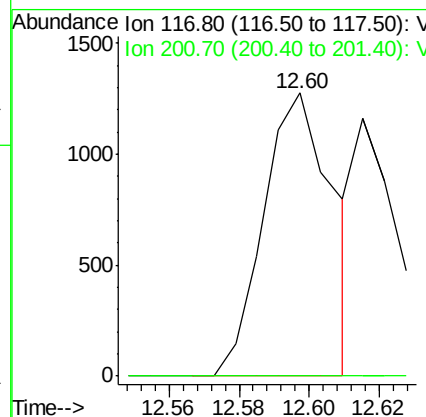
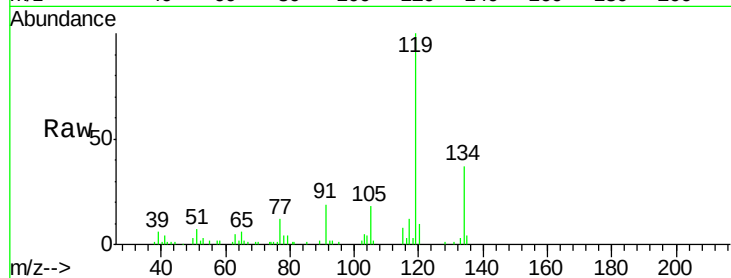




#90
Hexachloroethane
Concen: 2.31 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

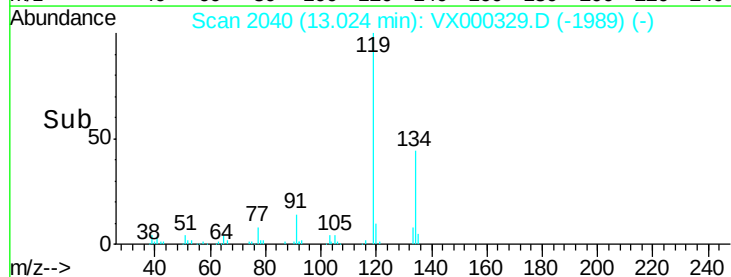
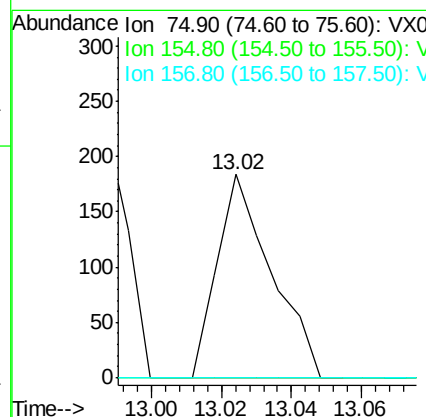
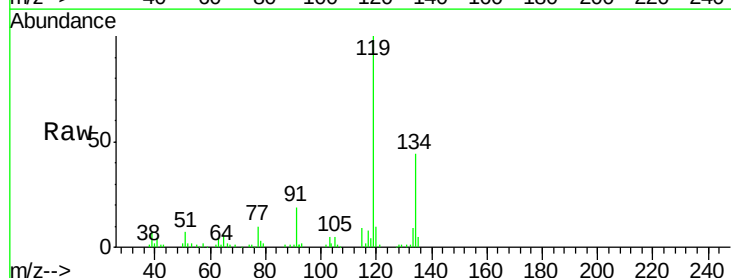
Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

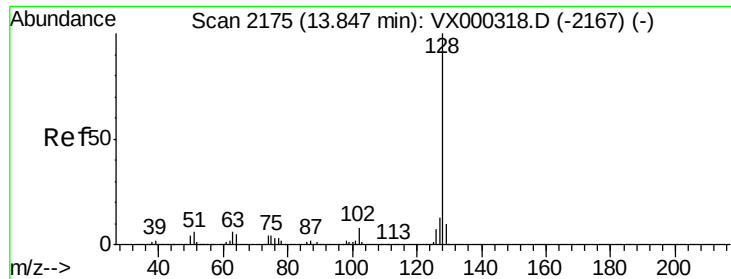
Tgt Ion: 117 Resp: 1753
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.40 ug/l
RT: 13.02 min Scan# 2040
Delta R.T. 0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 58.1 174.2#





#95
Naphthalene
Concen: 3.91 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	12.1	8.9	13.3

